

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111045.D
 Acq On : 28 Nov 2018 15:06
 Operator : JU/SJ
 Sample : J6065-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 15:44:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55558	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	216664	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	104710	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	180688	20.00	ng	0.00
76) Chrysene-d12	14.13	240	103721	20.00	ng	0.00
87) Perylene-d12	15.66	264	105711	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	423612	126.44	ng	0.01
7) Phenol-d6	6.57	99	525304	120.32	ng	0.00
23) Nitrobenzene-d5	7.50	82	320167	84.57	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	123817	119.06	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	543803	75.24	ng	0.00
79) Terphenyl-d14	13.05	244	409972	76.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	42975	26.774	ng	89
3) Pyridine	3.61	79	111630	31.761	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	62384	38.789	ng	88
6) Aniline	6.61	93	97547	18.073	ng	# 59
8) 2-Chlorophenol	6.72	128	144677	36.438	ng	99
9) Benzaldehyde	6.50	77	50176	18.234	ng	93
10) Phenol	6.58	94	198518	40.375	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	132585	35.792	ng	94
12) 1,3-Dichlorobenzene	6.87	146	146098	33.494	ng	97
13) 1,4-Dichlorobenzene	6.95	146	150324	33.513	ng	96
14) 1,2-Dichlorobenzene	7.10	146	141995	33.635	ng	99
15) Benzyl Alcohol	7.08	79	121630	36.251	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	202550	34.359	ng	92
17) 2-Methylphenol	7.19	107	112504	35.638	ng	# 86
18) Hexachloroethane	7.43	117	76573	46.408	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	100243	35.247	ng	94
20) 3+4-Methylphenols	7.35	107	147795	35.219	ng	# 46
22) Acetophenone	7.35	105	200890	39.556	ng	# 93
24) Nitrobenzene	7.52	77	153662	39.031	ng	98
25) Isophorone	7.76	82	269177	43.345	ng	96
26) 2-Nitrophenol	7.84	139	77645	40.595	ng	98
27) 2,4-Dimethylphenol	7.87	122	130317	45.116	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	165236	39.717	ng	99
29) 2,4-Dichlorophenol	8.08	162	124314	41.128	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	123399	36.429	ng	96
31) Naphthalene	8.24	128	416426	41.002	ng	100
32) Benzoic acid	7.87	122	130317	60.682	ng	# 11
33) 4-Chloroaniline	8.30	127	37443	8.662	ng	98
34) Hexachlorobutadiene	8.34	225	68151	35.324	ng	97
35) Caprolactam	8.67	113	38755	37.556	ng	# 63
36) 4-Chloro-3-methylphenol	8.78	107	128322	38.209	ng	96
37) 2-Methylnaphthalene	8.93	142	277966	41.436	ng	99
38) 1-Methylnaphthalene	8.93	142	277989	42.603	ng	95
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	117703	35.733	ng	99

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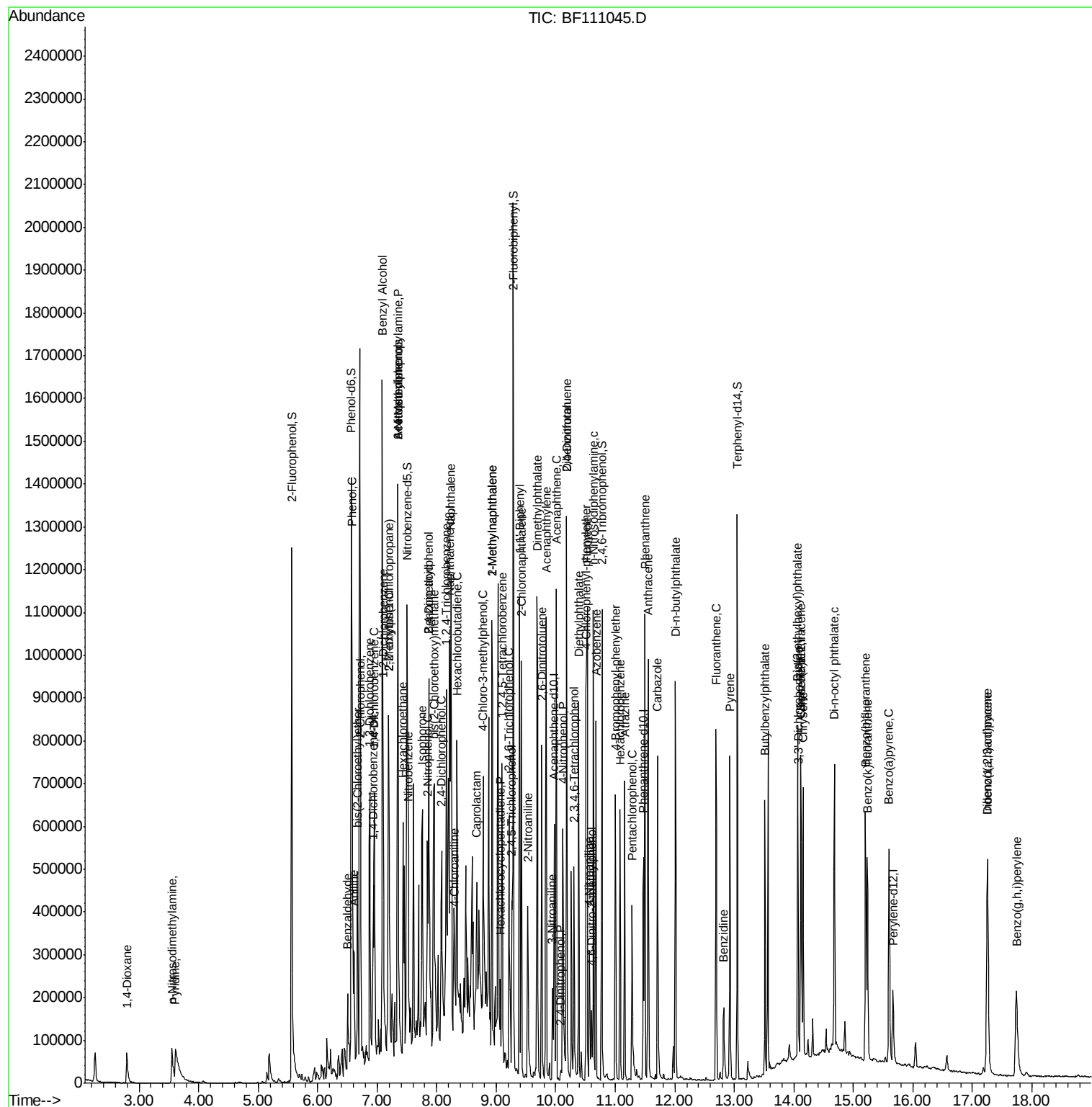
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	17834	47.520	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	75602	38.430	ng	92
44) 2,4,5-Trichlorophenol	9.26	196	78381	37.839	ng	90
46) 1,1'-Biphenyl	9.39	154	334828	34.684	ng	99
47) 2-Chloronaphthalene	9.42	162	249503	35.646	ng	98
48) 2-Nitroaniline	9.53	65	84520	38.605	ng	95
49) Acenaphthylene	9.84	152	384386	38.620	ng	99
50) Dimethylphthalate	9.69	163	336311	43.794	ng	99
51) 2,6-Dinitrotoluene	9.77	165	64000	37.435	ng	94
52) Acenaphthene	10.01	154	232639	36.460	ng	98
53) 3-Nitroaniline	9.95	138	42475	21.317	ng	95
54) 2,4-Dinitrophenol	10.09	184	4864	11.396	ng	93
55) Dibenzofuran	10.18	168	336942	36.197	ng	100
56) 4-Nitrophenol	10.12	139	66363	60.976	ng	90
57) 2,4-Dinitrotoluene	10.18	165	83941	37.844	ng	# 79
58) Fluorene	10.53	166	275393	38.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	65869	38.746	ng	93
60) Diethylphthalate	10.39	149	291355	36.791	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	131248	34.648	ng	99
62) 4-Nitroaniline	10.57	138	63661	34.314	ng	92
63) Azobenzene	10.67	77	266712	34.553	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	22613	26.457	ng	79
66) n-Nitrosodiphenylamine	10.63	169	237647	39.509	ng	95
67) 4-Bromophenyl-phenylether	11.00	248	74760	37.991	ng	93
68) Hexachlorobenzene	11.08	284	77997	37.212	ng	96
69) Atrazine	11.16	200	74319	49.301	ng	99
70) Pentachlorophenol	11.28	266	56350	67.574	ng	100
71) Phenanthrene	11.50	178	376836	39.378	ng	99
72) Anthracene	11.55	178	386162	39.623	ng	98
73) Carbazole	11.71	167	331395	35.033	ng	100
74) Di-n-butylphthalate	12.01	149	412623	37.308	ng	99
75) Fluoranthene	12.69	202	333808	33.938	ng	99
77) Benzidine	12.82	184	87582	33.013	ng	95
78) Pyrene	12.93	202	329421	43.485	ng	98
80) Butylbenzylphthalate	13.52	149	132184	38.648	ng	99
81) Benzo(a)anthracene	14.12	228	246355	40.231	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	55190	26.285	ng	98
83) Chrysene	14.16	228	238241	39.522	ng	97
84) Bis(2-ethylhexyl)phthalate	14.06	149	173995	38.179	ng	97
85) Di-n-octyl phthalate	14.68	149	295584	41.088	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	271090	62.651	ng	99
88) Benzo(b)fluoranthene	15.20	252	244846	39.427	ng	99
89) Benzo(k)fluoranthene	15.23	252	221567	34.663	ng	98
90) Benzo(a)pyrene	15.60	252	236338	40.885	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	226718	47.536	ng	98
92) Benzo(g,h,i)perylene	17.74	276	218206	47.450	ng	99

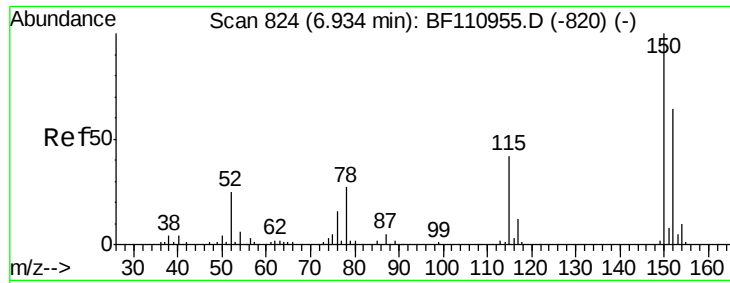
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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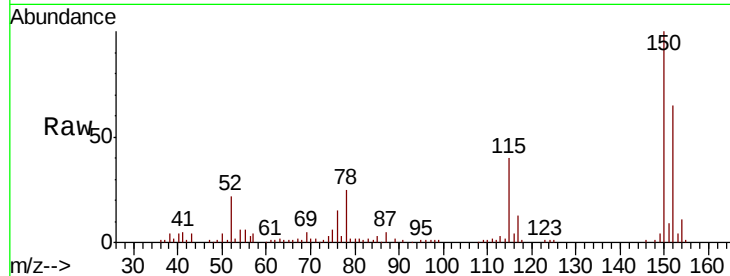




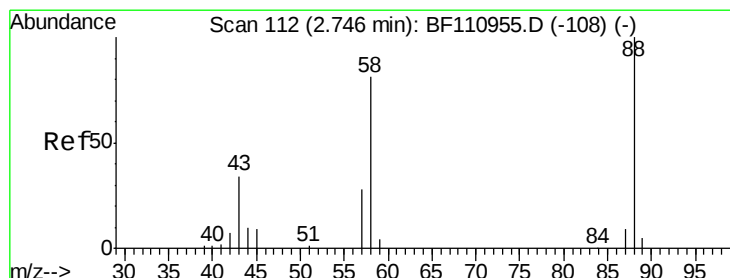
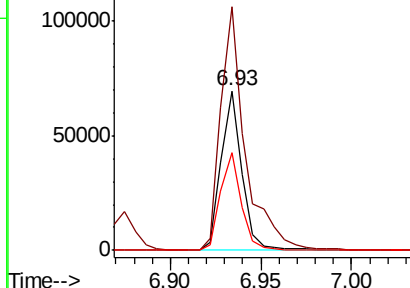
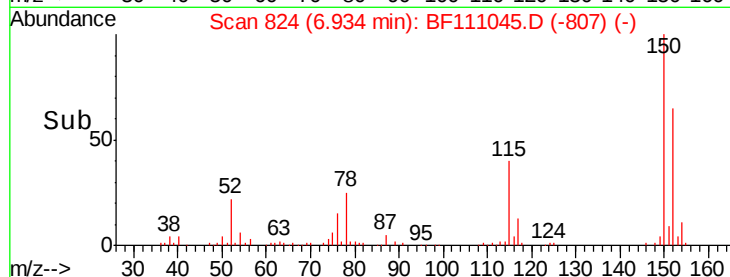
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 55558
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.7 184.1
 115 61.4 49.1 73.7

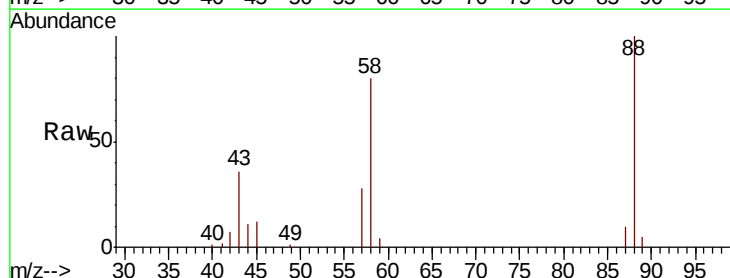


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

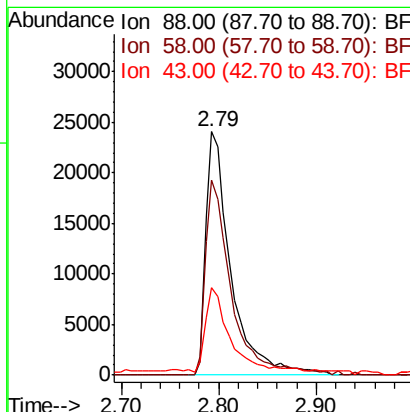
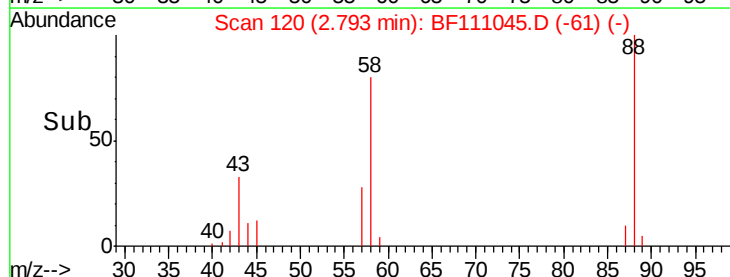


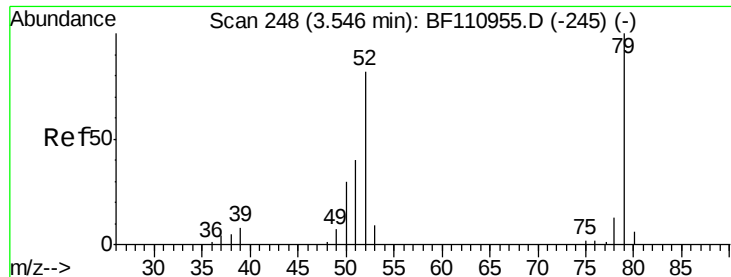
#2
 1,4-Dioxane
 Concen: 26.774 ng
 RT: 2.79 min Scan# 120
 Delta R.T. 0.05 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion: 88 Resp: 42975
 Ion Ratio Lower Upper
 88 100
 58 82.6 57.1 85.7
 43 32.0 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1



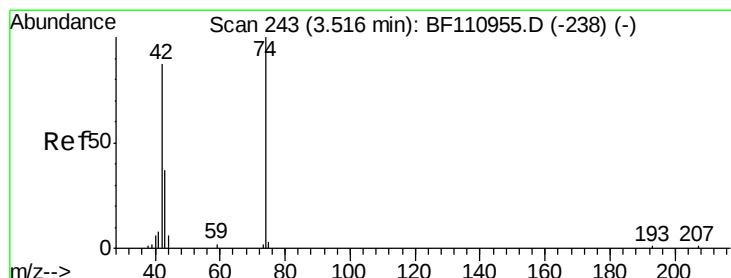
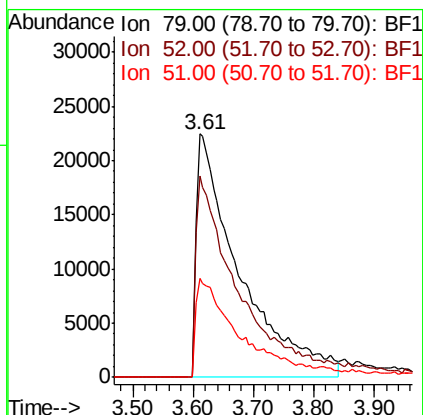
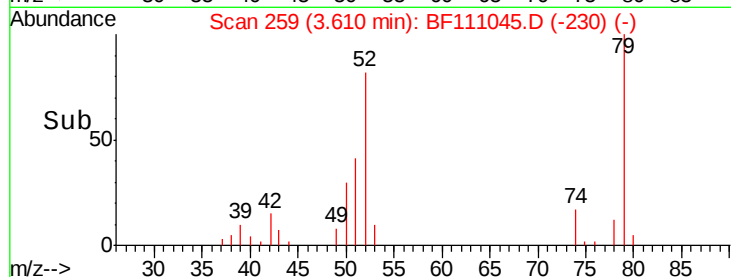
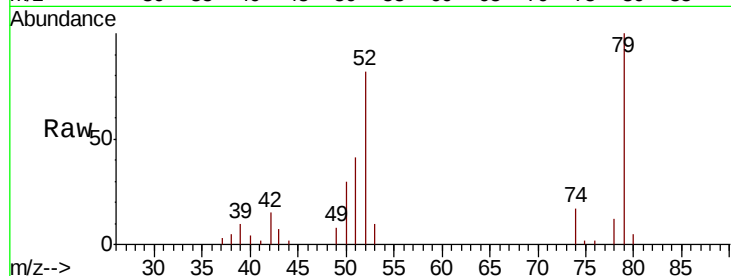


#3
Pvridine
Concen: 31.761 ng
RT: 3.61 min Scan# 259
Delta R.T. 0.07 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 111630

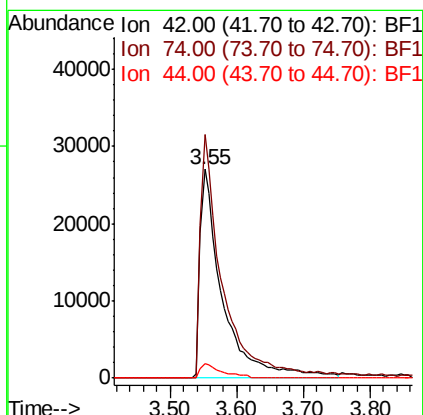
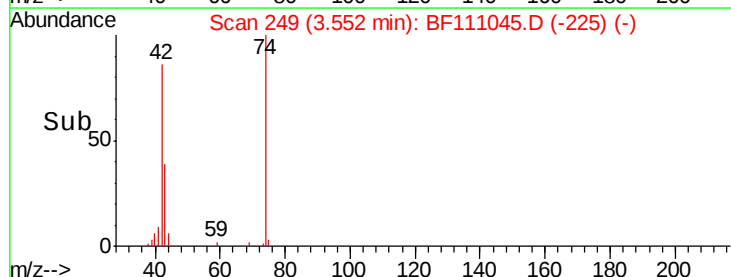
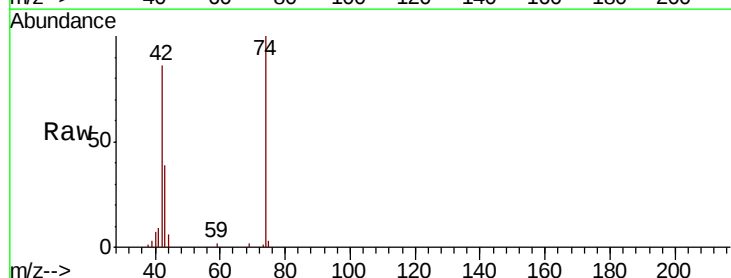
Ion	Ratio	Lower	Upper
79	100		
52	82.5	53.1	79.7#
51	40.7	27.4	41.2

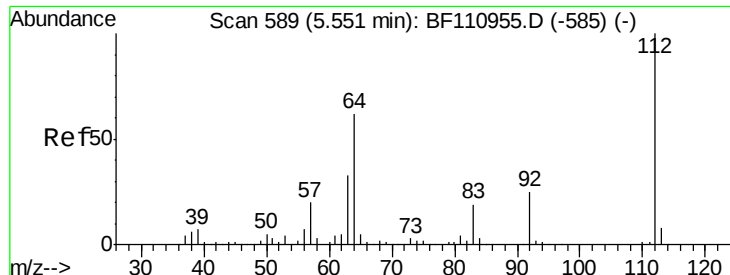


#4
n-Nitrosodimethylamine
Concen: 38.789 ng
RT: 3.55 min Scan# 249
Delta R.T. 0.04 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion: 42 Resp: 62384

Ion	Ratio	Lower	Upper
42	100		
74	116.8	105.5	158.3
44	7.2	4.9	7.3





#5

2-Fluorophenol

Concen: 126.441 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111045.D

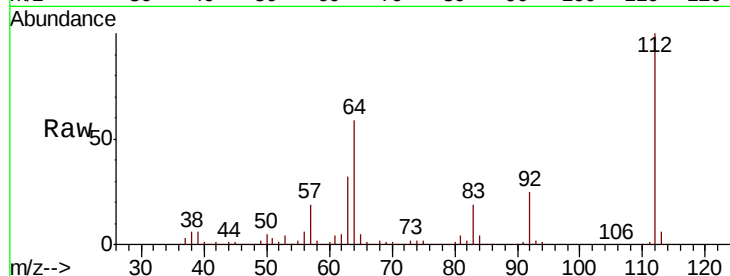
Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampled :

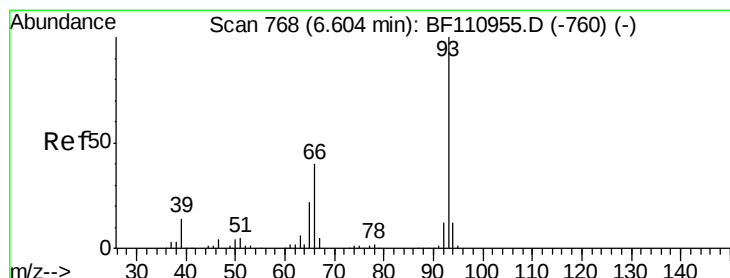
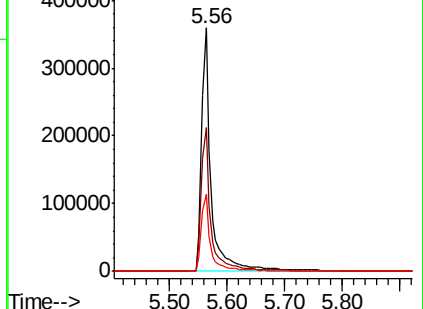
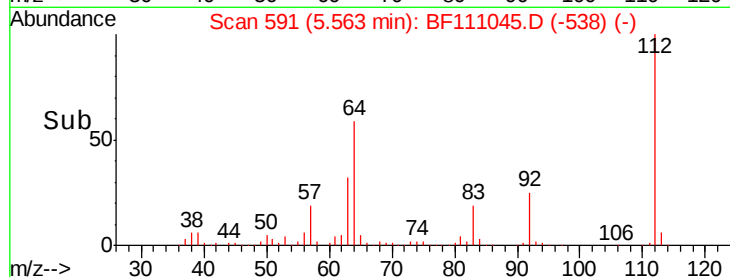
Tot Ion:112	Resp:	423612
Ion Ratio	Lower	Upper
112 100		
64 59.1	44.1	66.1
63 31.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.073 ng

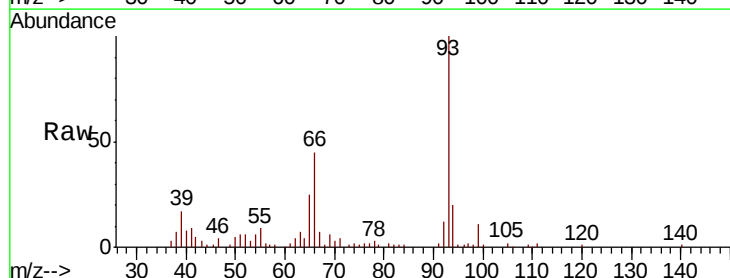
RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

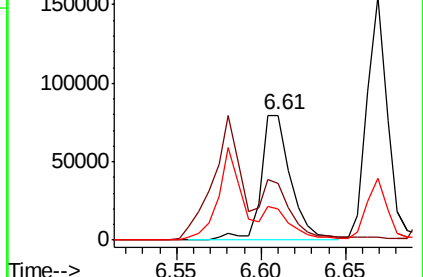
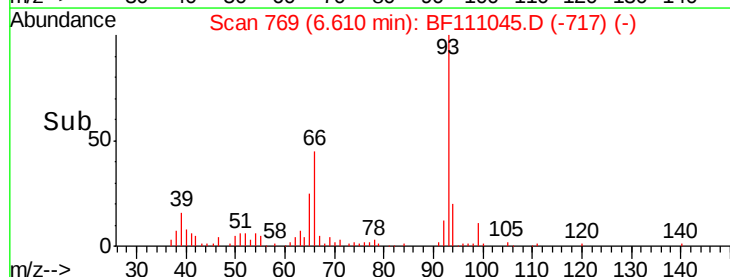
Tgt Ion: 93	Resp:	97547
Ion Ratio	Lower	Upper
93 100		
66 45.4	67.4	101.0#
65 25.0	41.0	61.4#

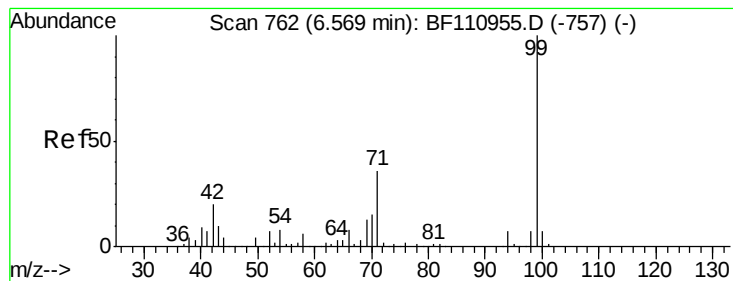


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.318 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

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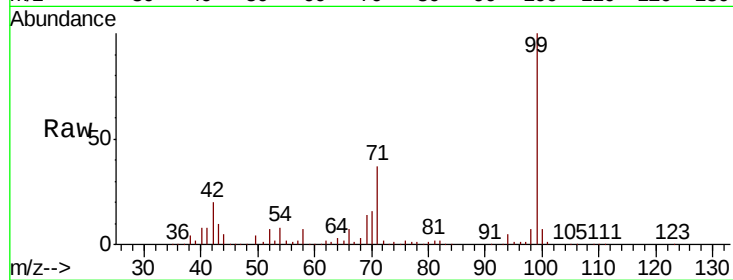
Tot Ion: 99 Resp: 525304

Ion Ratio Lower Upper

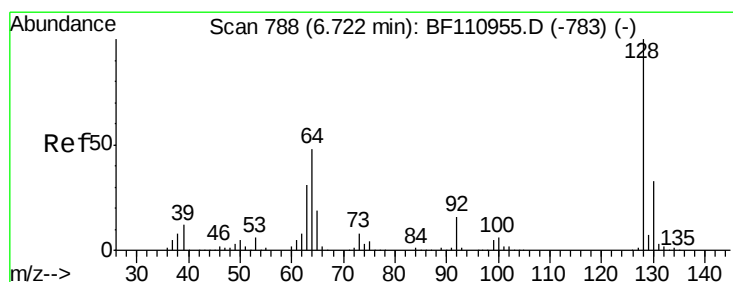
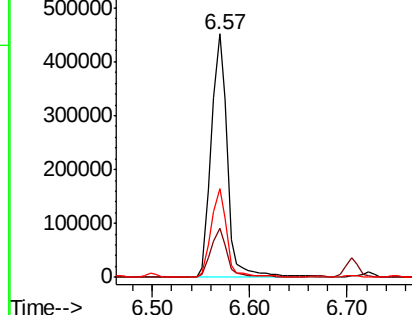
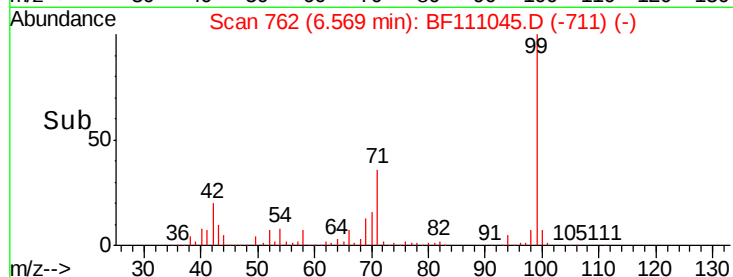
99 100

42 20.3 15.8 23.6

71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.438 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

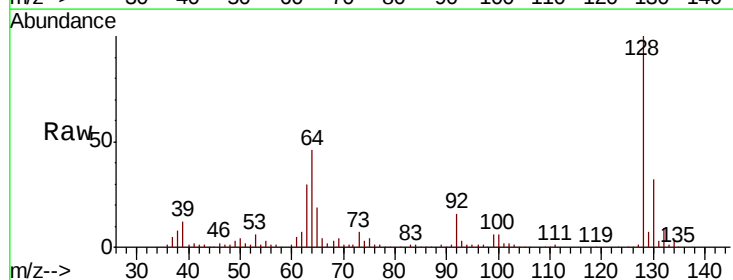
Tgt Ion: 128 Resp: 144677

Ion Ratio Lower Upper

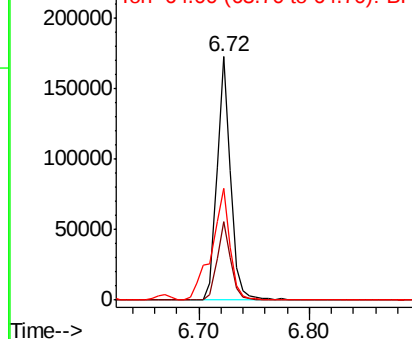
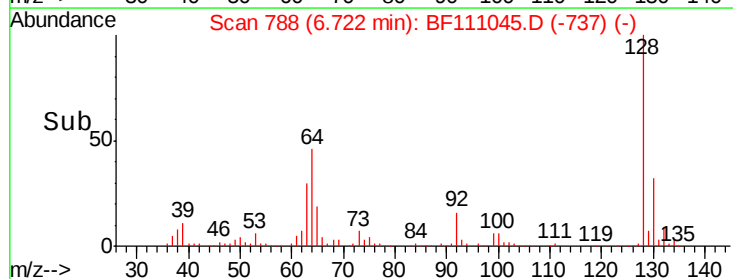
128 100

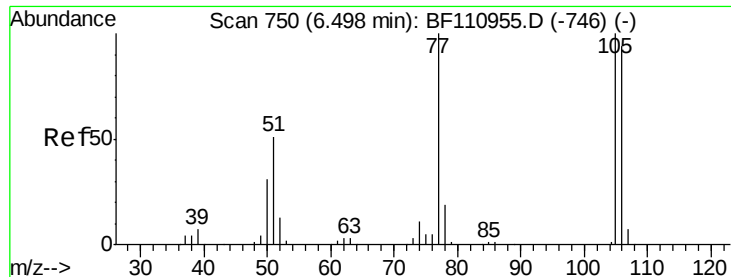
130 32.5 13.1 53.1

64 45.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.234 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

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ClientSampleId :

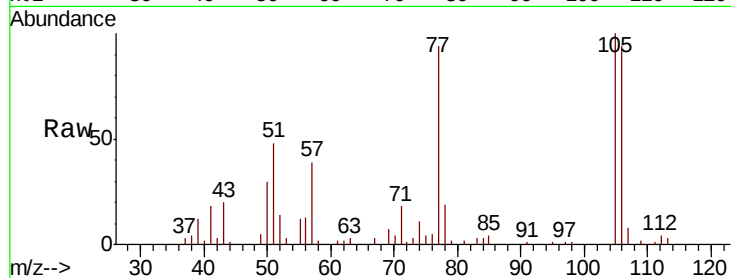
Tot Ion: 77 Resp: 50176

Ion Ratio Lower Upper

77 100

105 106.4 78.6 118.6

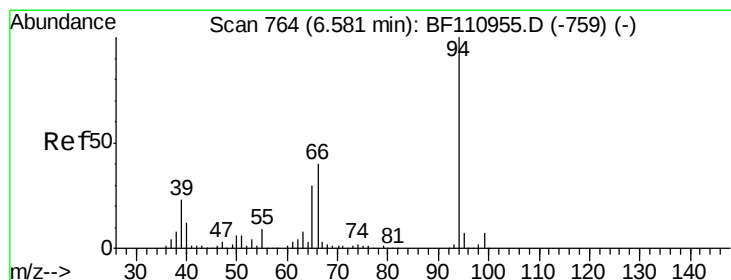
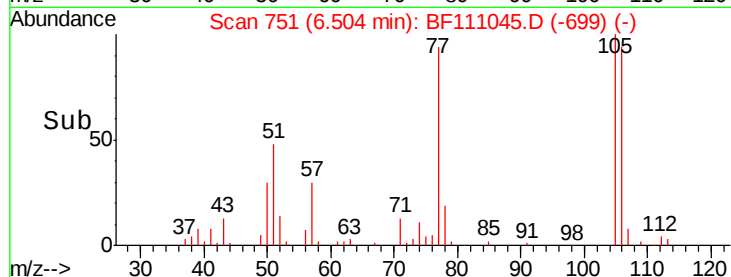
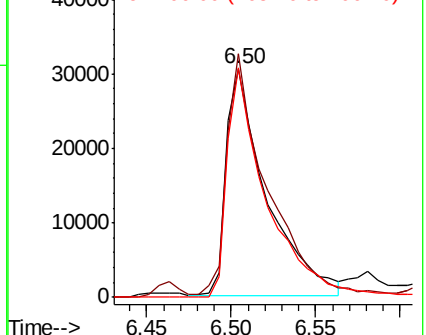
106 100.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.375 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

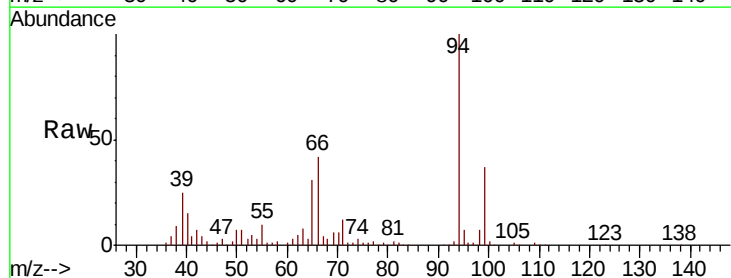
Tgt Ion: 94 Resp: 198518

Ion Ratio Lower Upper

94 100

65 31.0 25.3 65.3

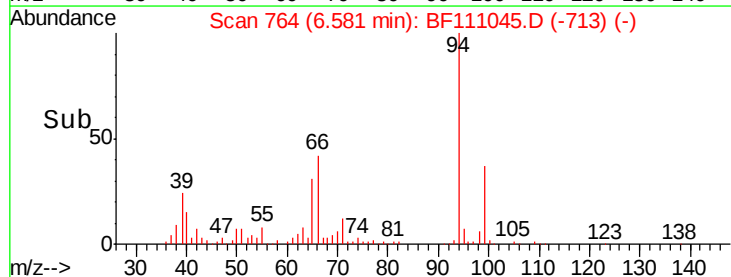
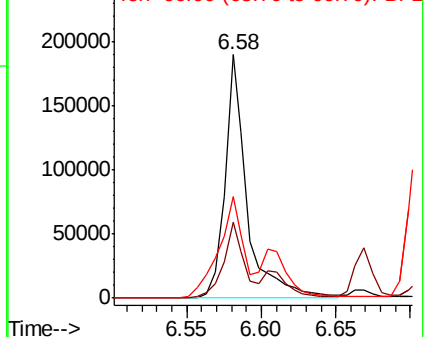
66 41.9 54.5 94.5#

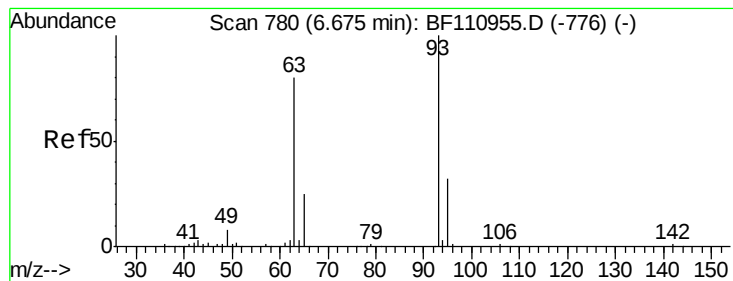


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

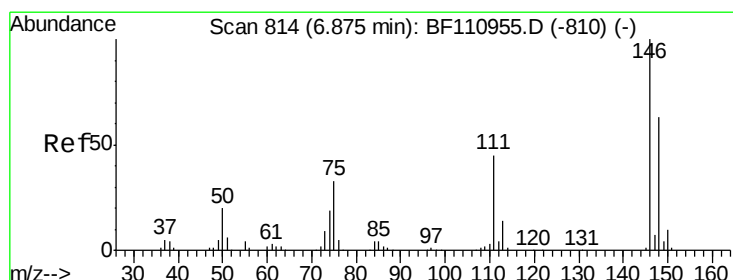
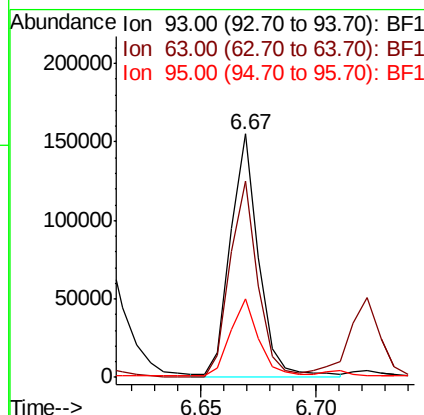
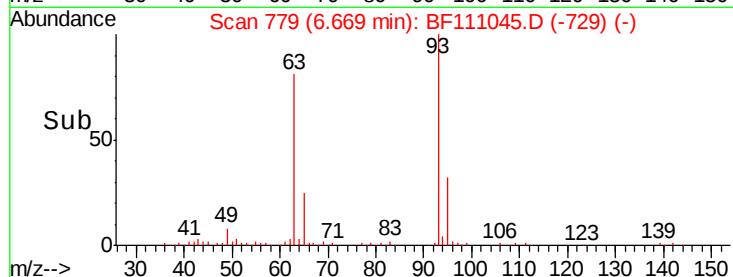
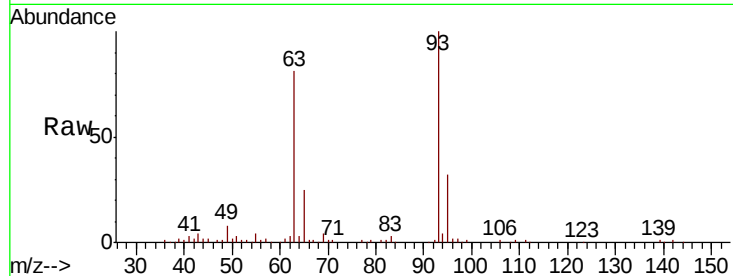




#11
 bis(2-Chloroethyl)ether
 Concen: 35.792 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

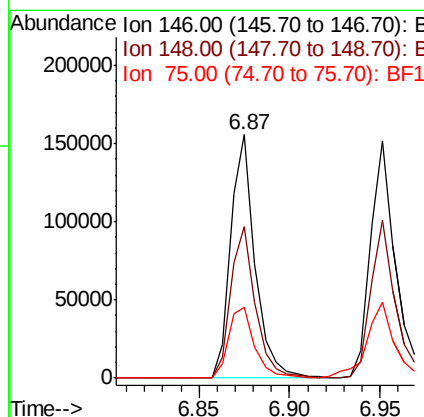
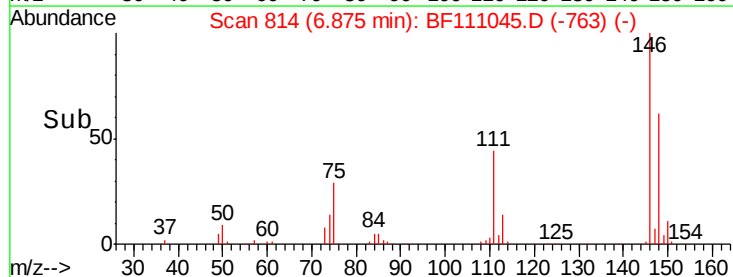
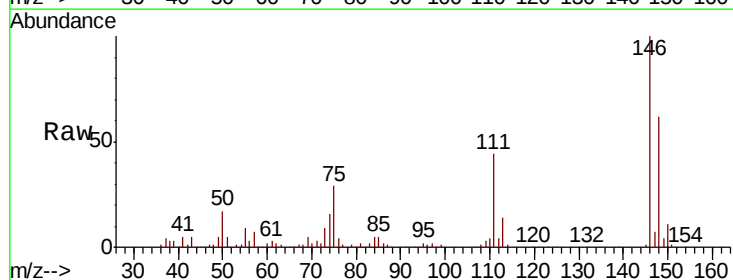
Instrument :
 BNA_F
 ClientSampleId :

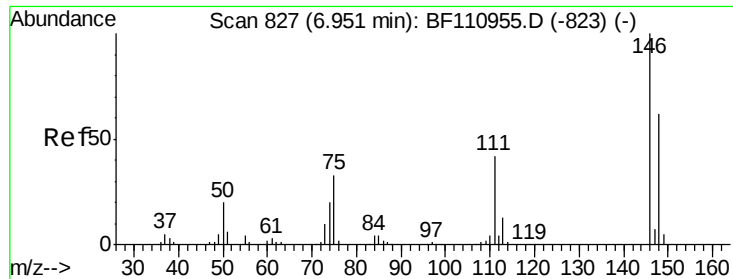
Tot Ion: 93 Resp: 132585
 Ion Ratio Lower Upper
 93 100
 63 80.8 53.4 93.4
 95 32.3 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 33.494 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion: 146 Resp: 146098
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.4 75.6
 75 29.3 25.8 38.6

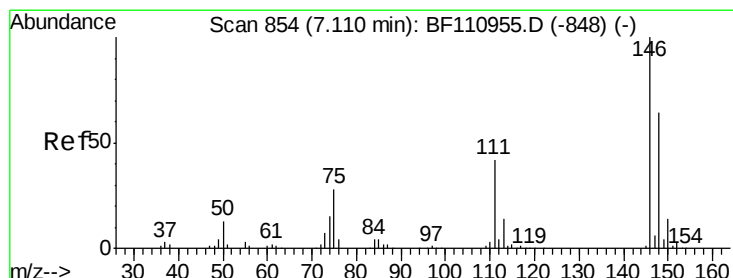
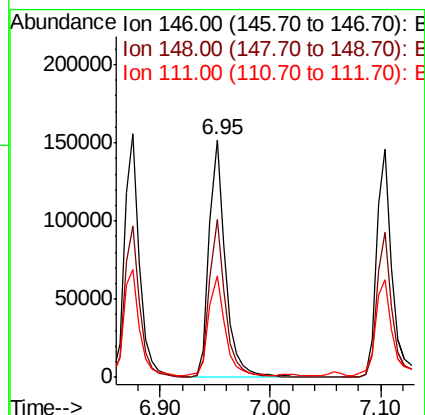
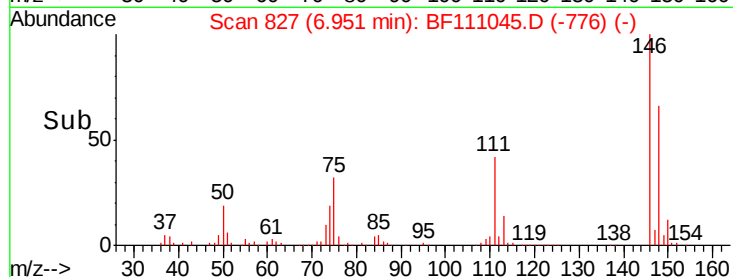
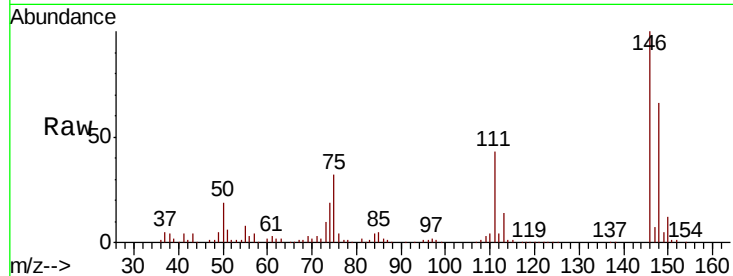




#13
 1,4-Dichlorobenzene
 Concen: 33.513 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

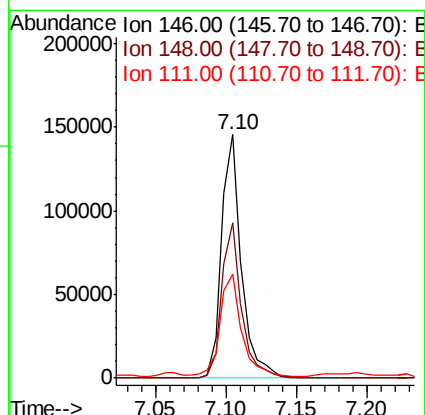
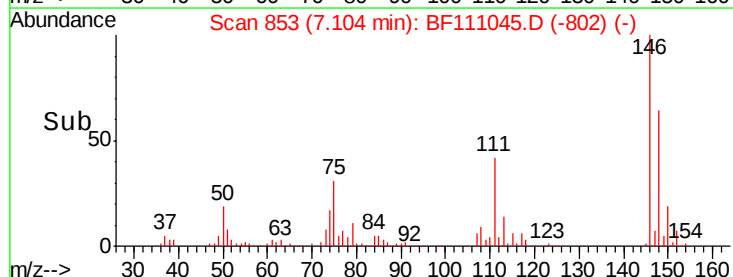
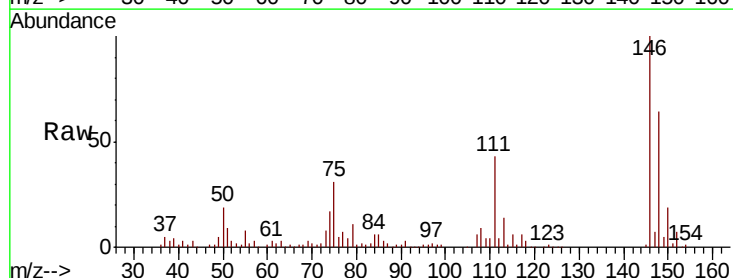
Instrument :
 BNA_F
 ClientSampleId :

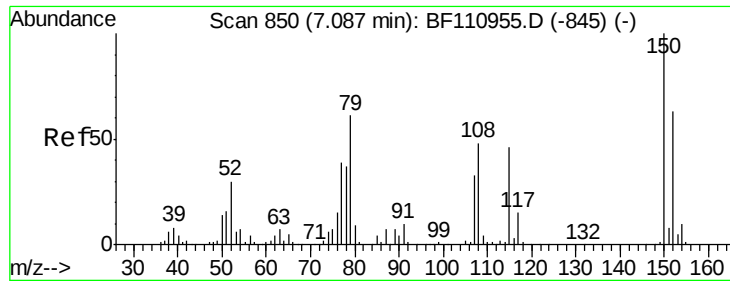
Tot Ion:146 Resp: 150324
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.3 75.5
 111 42.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 33.635 ng
 RT: 7.10 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:146 Resp: 141995
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 43.0 35.8 53.6

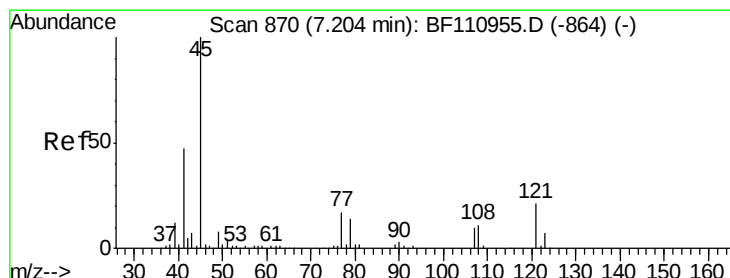
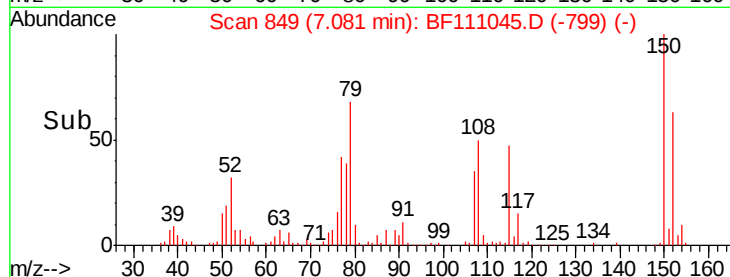
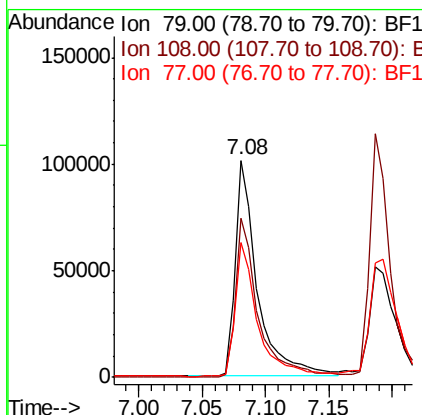
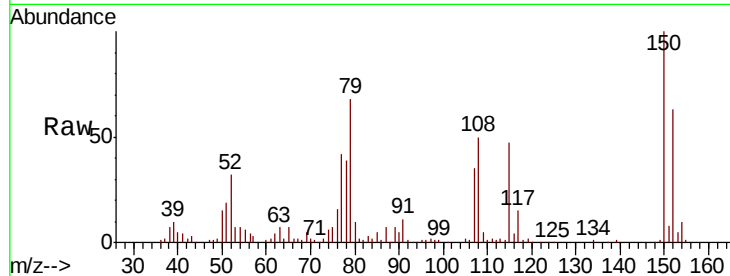




#15
Benzyl Alcohol
Concen: 36.251 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

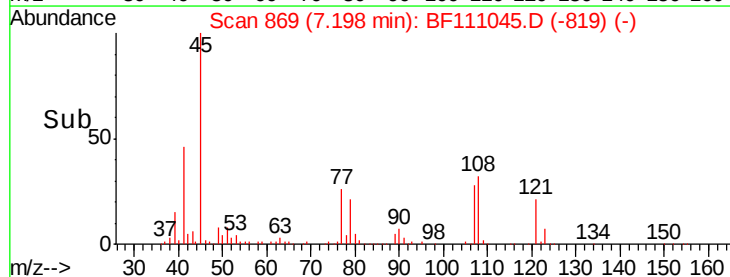
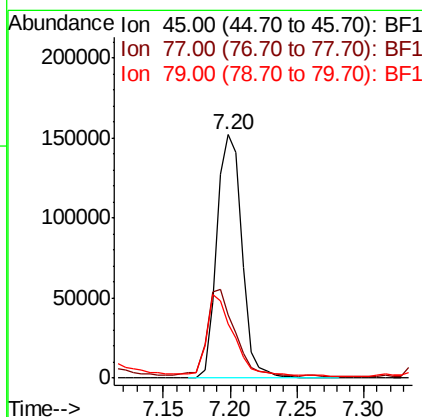
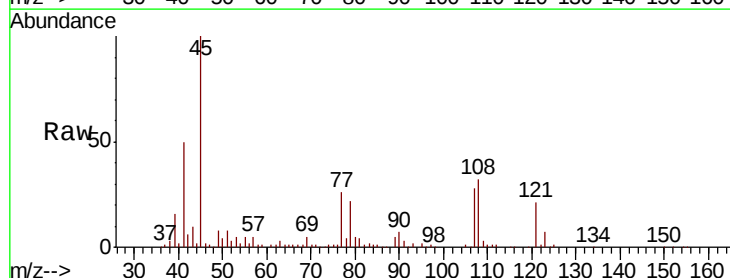
Instrument :
BNA_F
ClientSampleId :

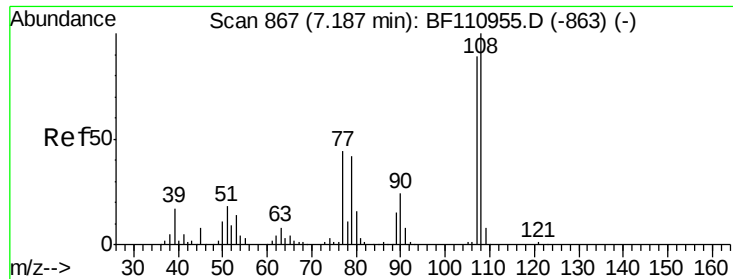
Tot Ion: 79 Resp: 121630
Ion Ratio Lower Upper
79 100
108 73.3 56.3 84.5
77 62.3 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.359 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion: 45 Resp: 202550
Ion Ratio Lower Upper
45 100
77 26.1 10.0 50.0
79 22.0 6.1 46.1

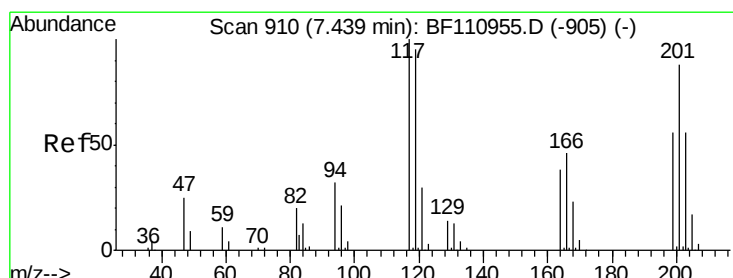
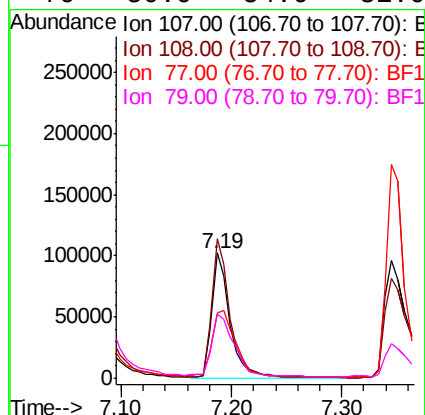
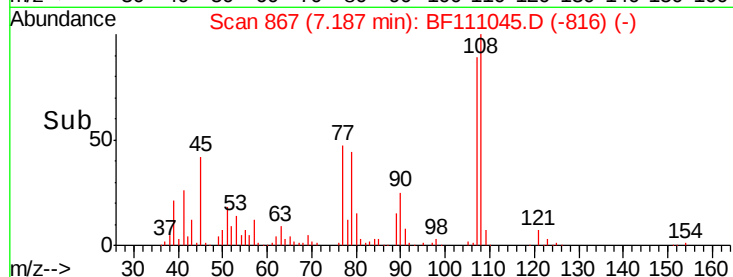
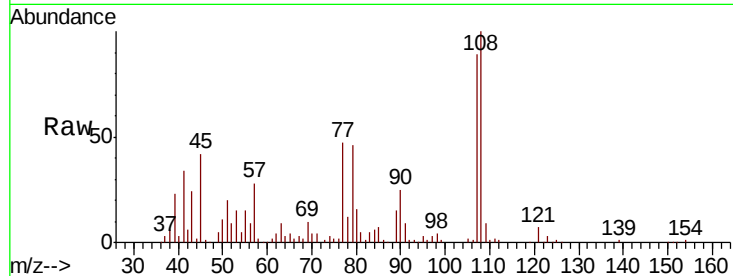




#17
2-Methylphenol
Concen: 35.638 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

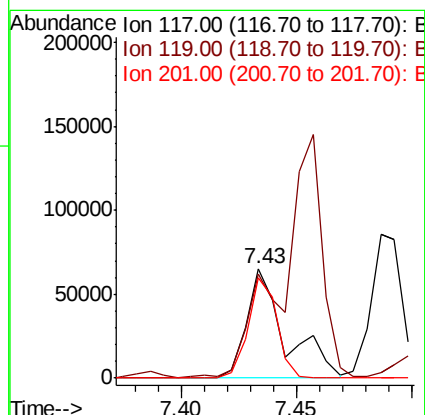
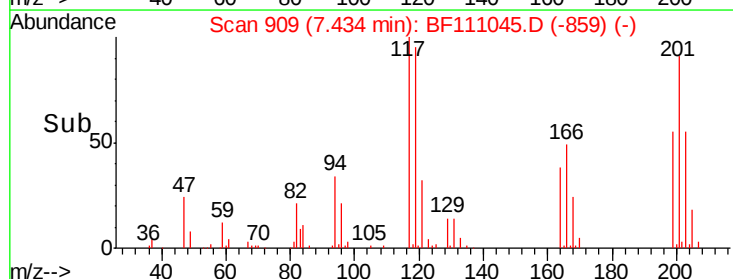
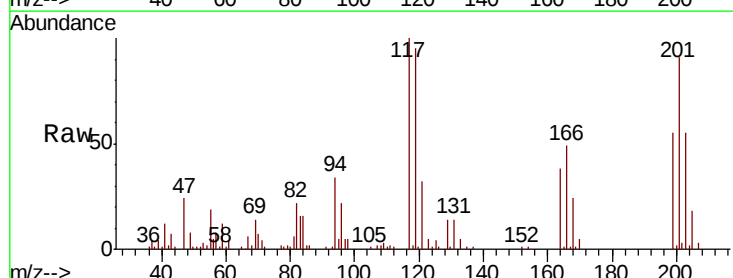
Instrument :
BNA_F
ClientSampled :

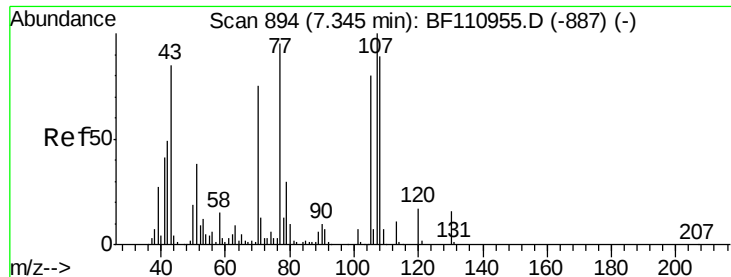
Tot Ion:107 Resp: 112504
Ion Ratio Lower Upper
107 100
108 111.8 92.6 138.8
77 52.7 59.4 89.2#
79 50.9 54.0 81.0#



#18
Hexachloroethane
Concen: 46.408 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:117 Resp: 76573
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
201 91.1 79.2 118.8

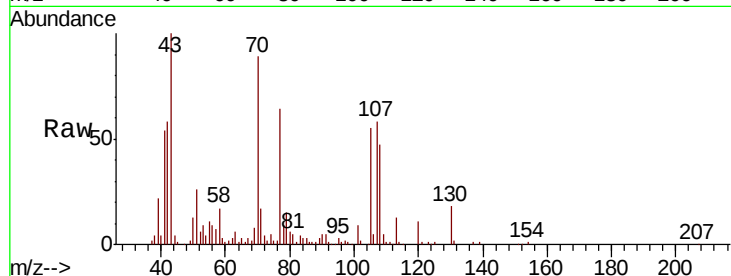




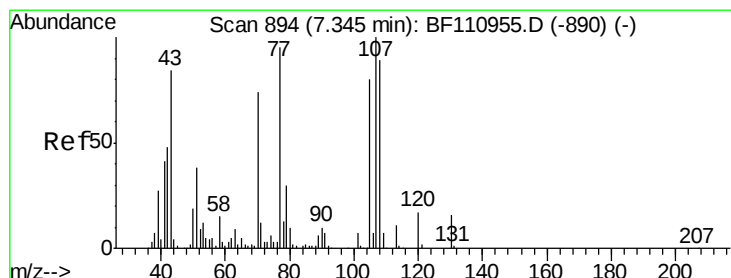
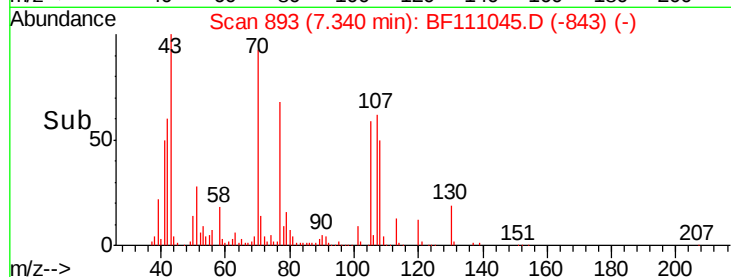
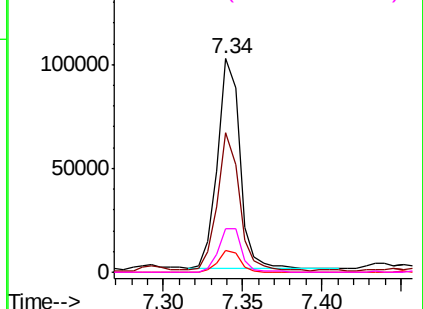
#19
n-Nitroso-di-n-propylamine
Concen: 35.247 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 100243
Ion Ratio Lower Upper
70 100
42 65.1 47.4 71.2
101 9.9 7.3 10.9
130 20.5 16.2 24.2



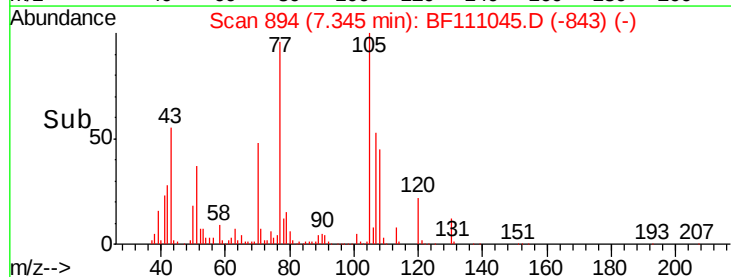
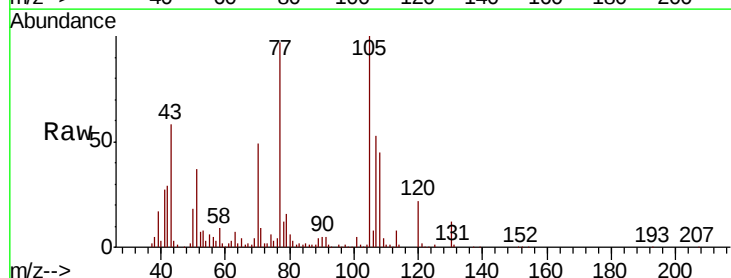
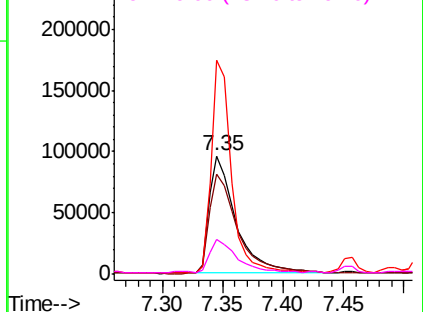
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

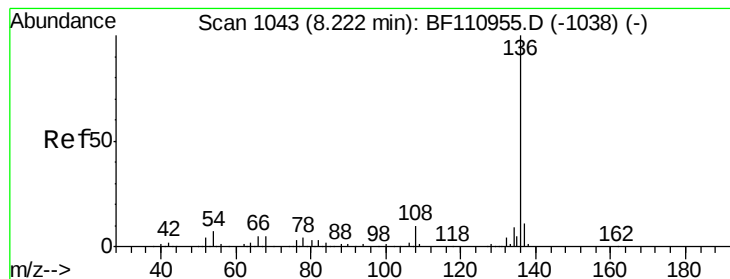


#20
3+4-Methylphenols
Concen: 35.219 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:107 Resp: 147795
Ion Ratio Lower Upper
107 100
108 84.9 71.4 111.4
77 180.7 47.3 87.3#
79 29.2 10.9 50.9

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 216664

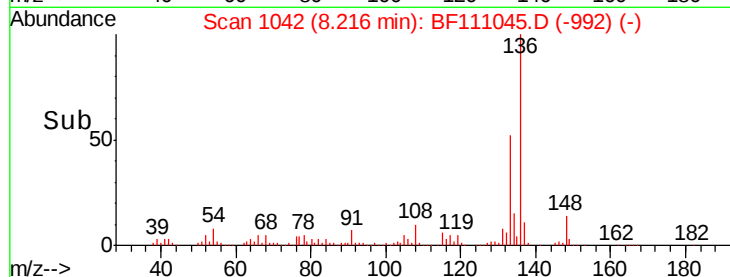
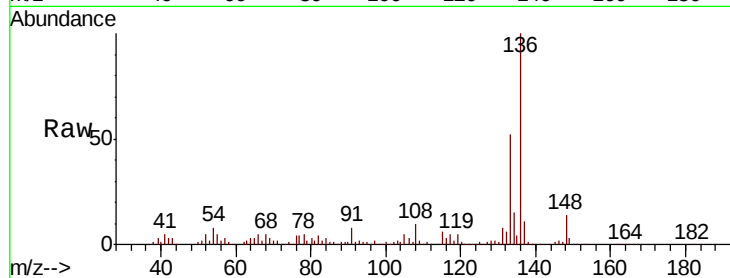
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.1 5.4 8.2

68 5.2 4.2 6.2

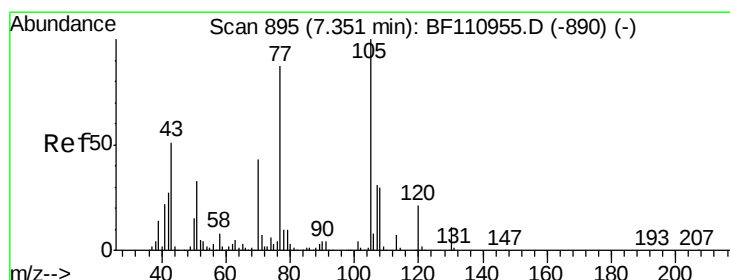
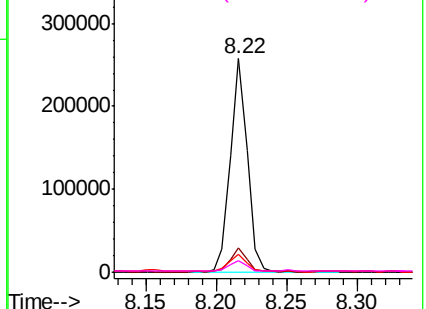


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.556 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:105 Resp: 200890

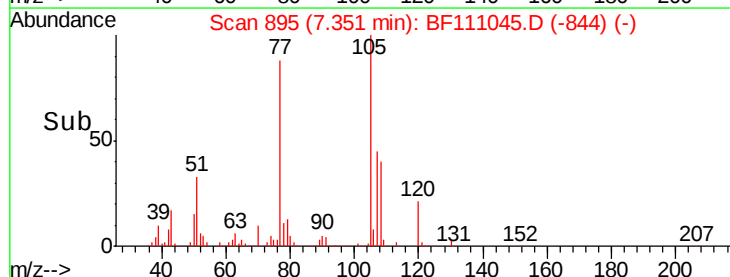
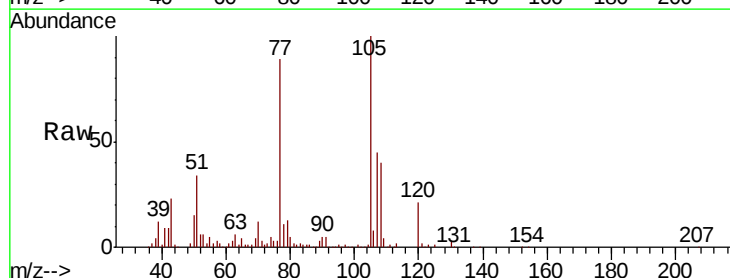
Ion Ratio Lower Upper

105 100

71 3.0 5.2 7.8#

51 33.6 21.8 32.8#

120 21.5 17.0 25.4

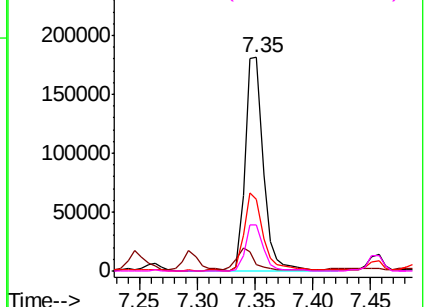


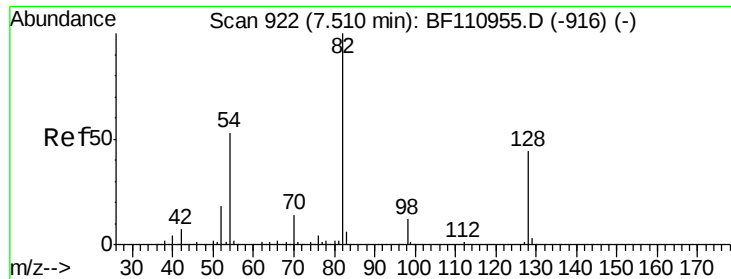
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

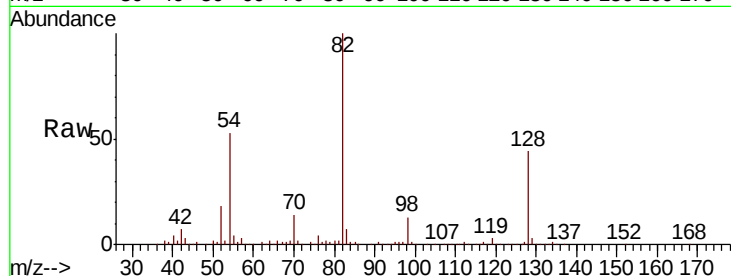




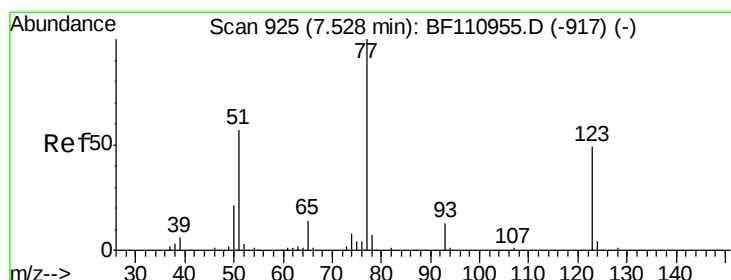
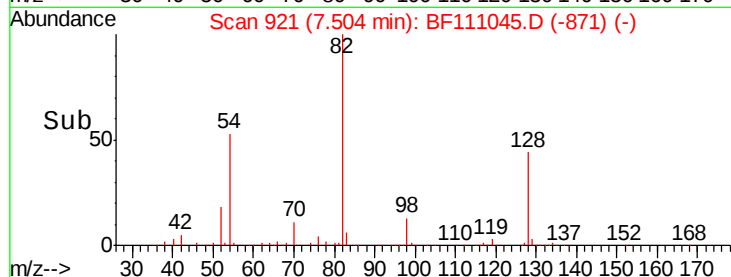
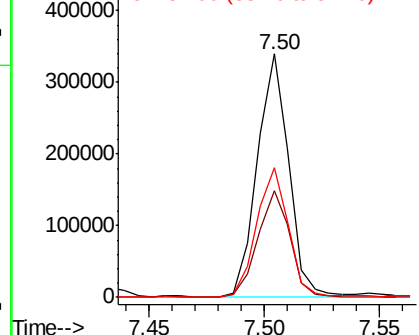
#23
Nitrobenzene-d5
Concen: 84.571 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	320167
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.2	51.2
54	53.2	38.6	58.0

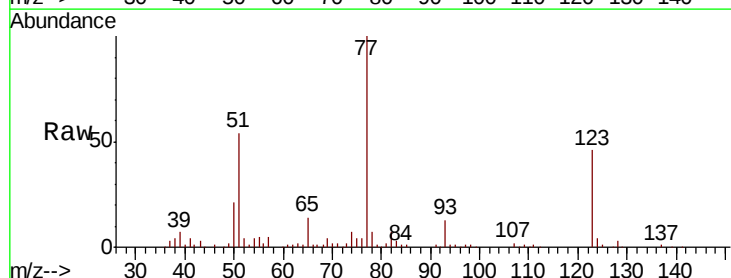


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

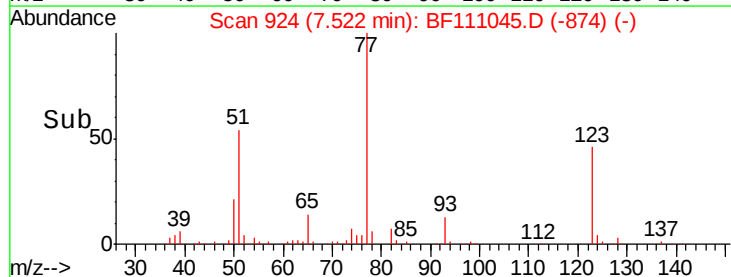
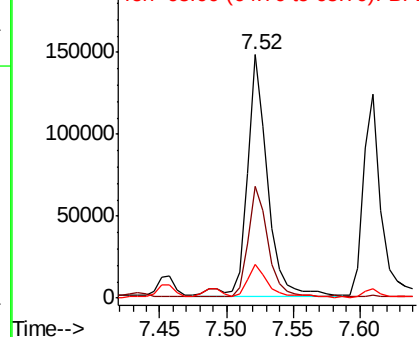


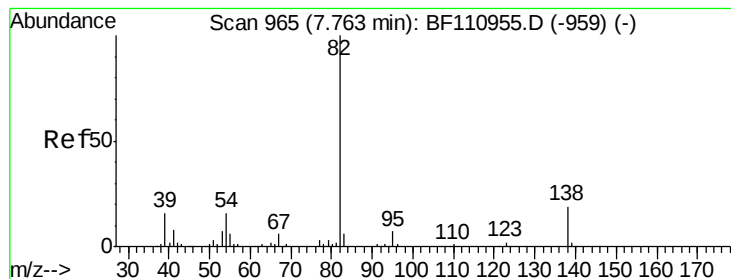
#24
Nitrobenzene
Concen: 39.031 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	77	Resp	153662
Ion Ratio	Lower	Upper	
77	100		
123	46.1	35.7	53.5
65	14.0	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.345 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

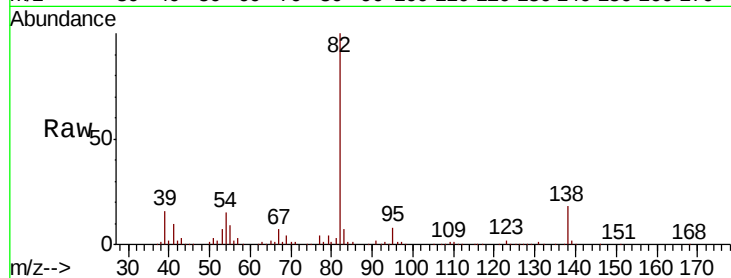
Tot Ion: 82 Resp: 269177

Ion Ratio Lower Upper

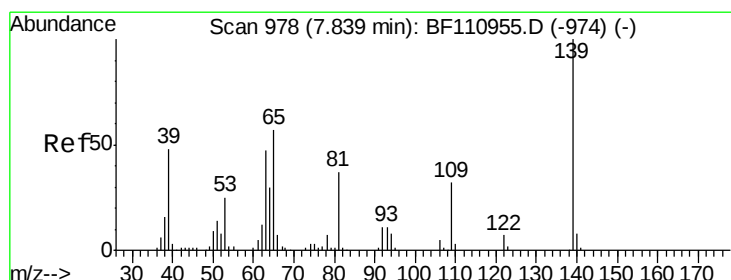
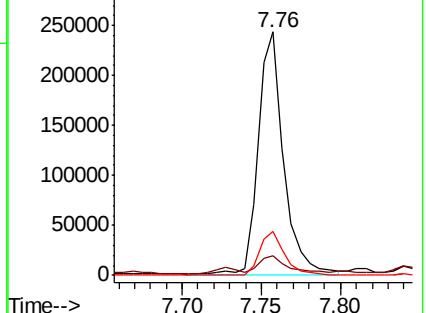
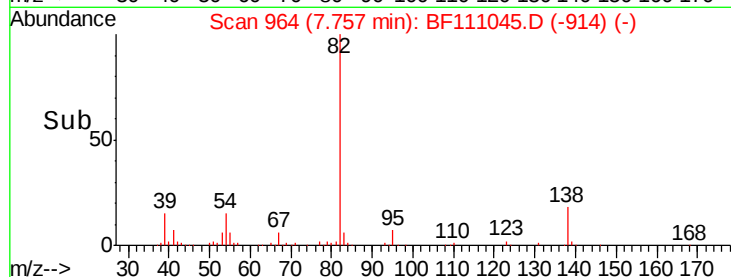
82 100

95 8.3 5.7 8.5

138 18.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.595 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

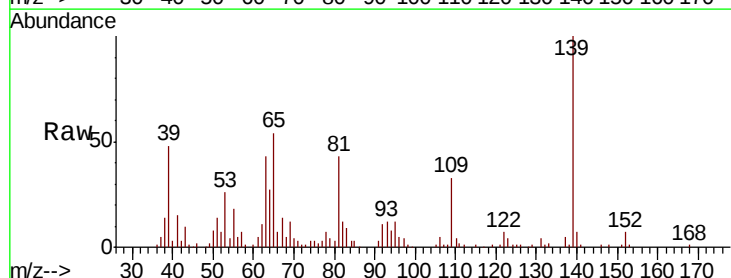
Tgt Ion: 139 Resp: 77645

Ion Ratio Lower Upper

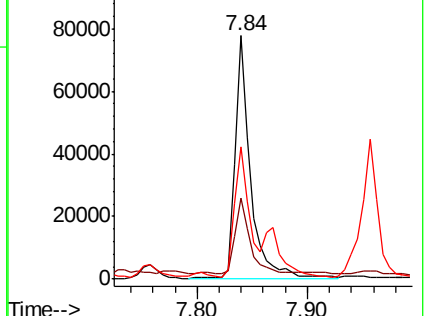
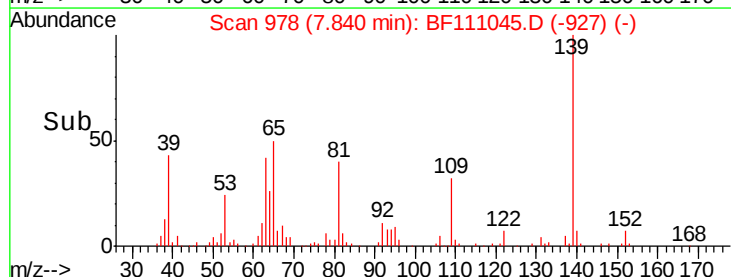
139 100

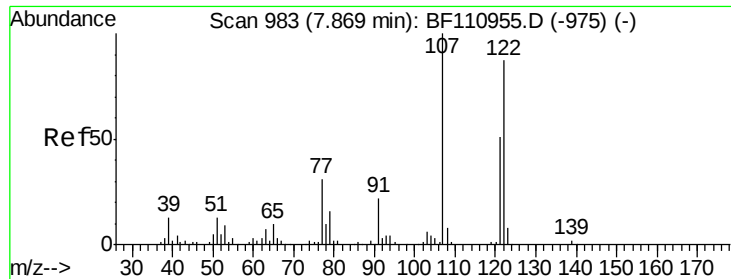
109 33.3 25.0 37.6

65 54.3 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

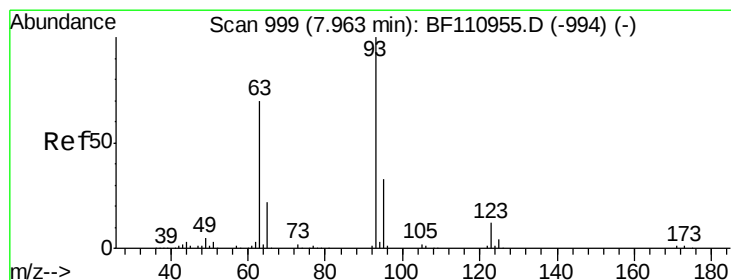
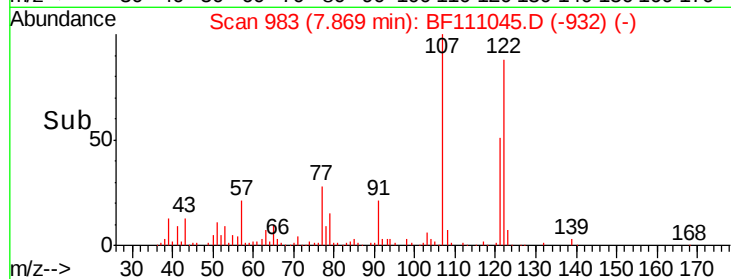
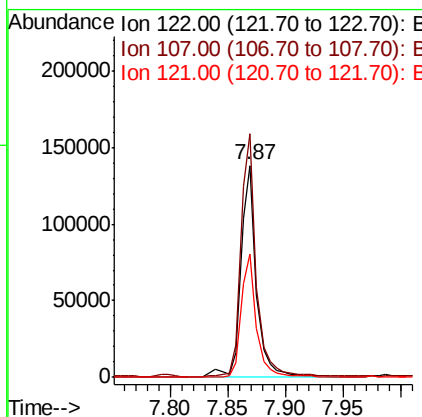
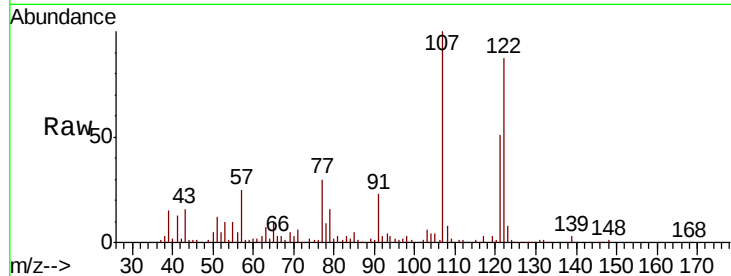




#27
2,4-Dimethylphenol
Concen: 45.116 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

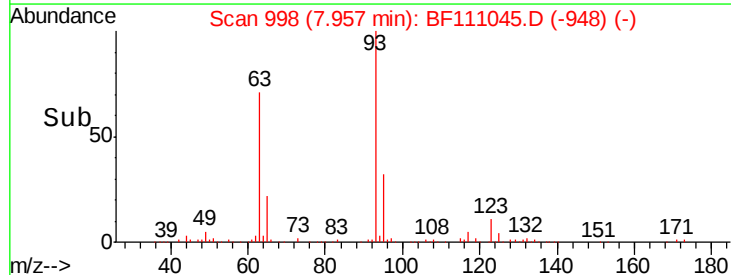
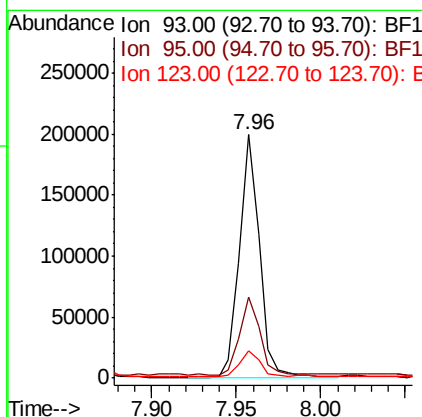
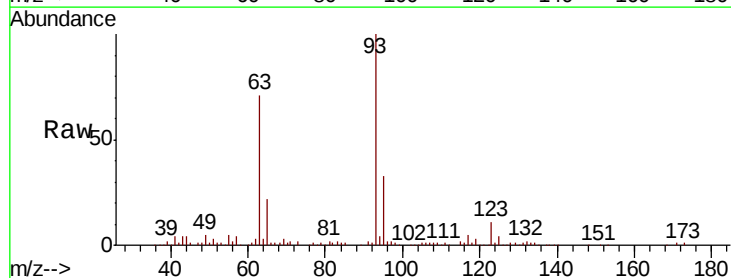
Instrument :
BNA_F
ClientSampleId :

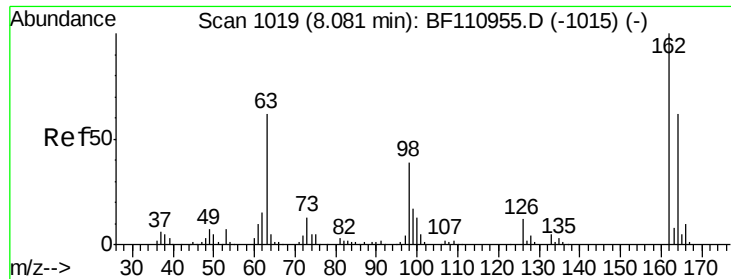
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	92.5	138.7
121	58.2	45.8	68.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.717 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.4	39.6
123	11.3	9.0	13.6

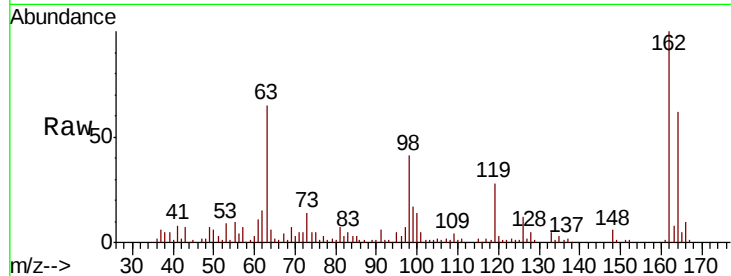




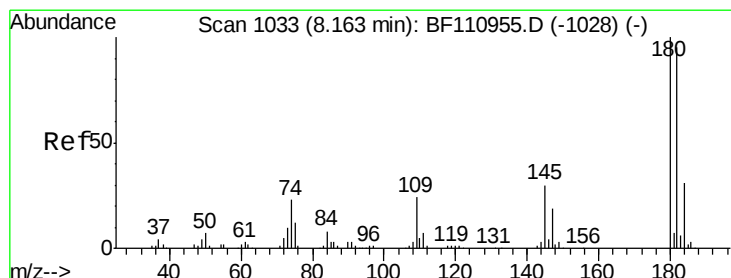
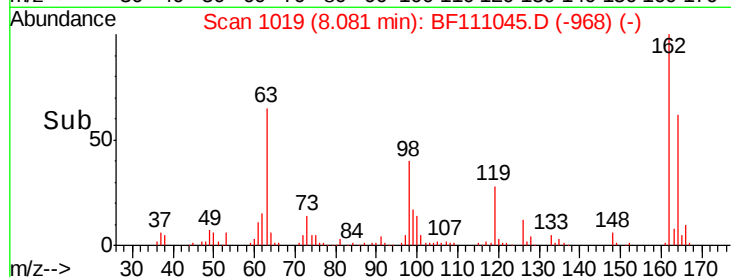
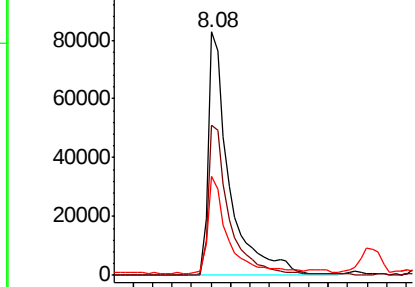
#29
 2,4-Dichlorophenol
 Concen: 41.128 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 124314
 Ion Ratio Lower Upper
 162 100
 164 61.6 44.6 84.6
 98 40.7 17.4 57.4

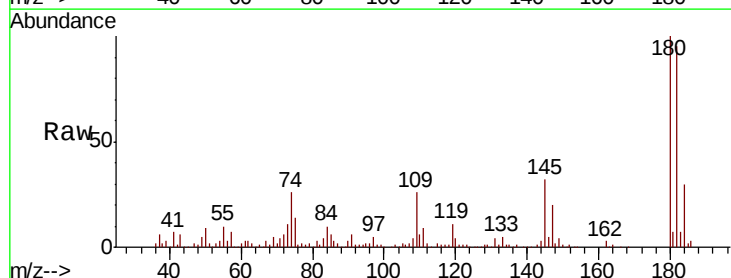


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

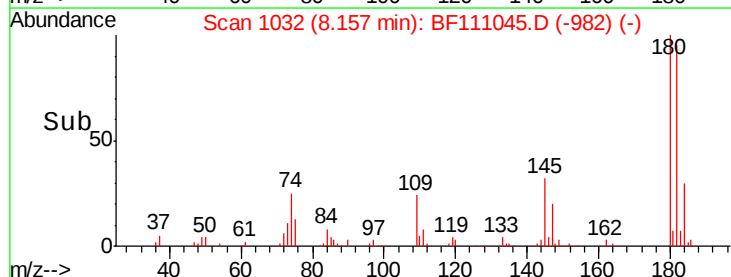
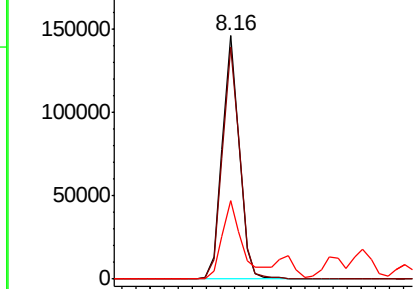


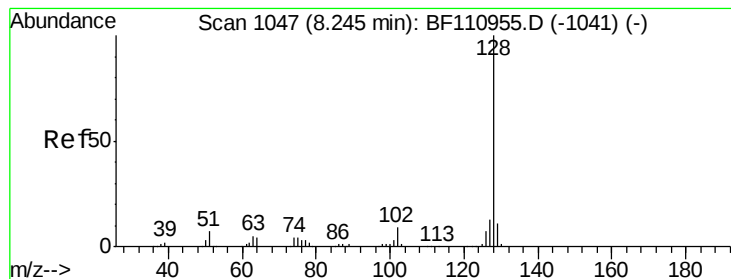
#30
 1,2,4-Trichlorobenzene
 Concen: 36.429 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:180 Resp: 123399
 Ion Ratio Lower Upper
 180 100
 182 95.3 80.3 120.5
 145 32.0 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.002 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

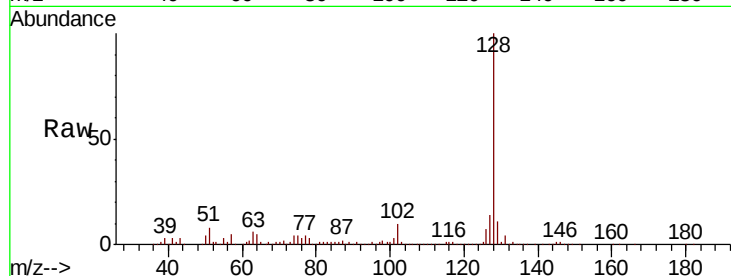
Tot Ion:128 Resp: 416426

Ion Ratio Lower Upper

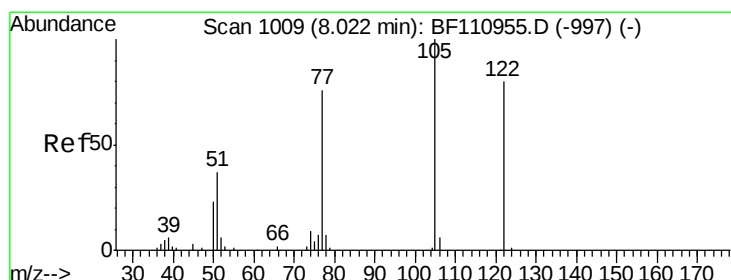
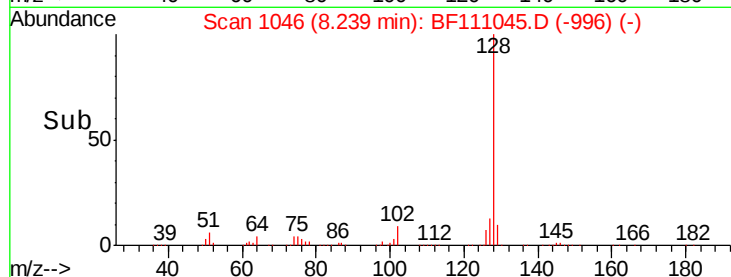
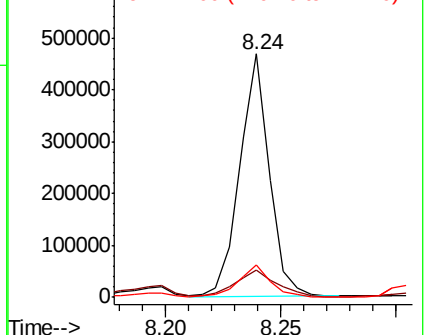
128 100

129 11.4 8.8 13.2

127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.682 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.16 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

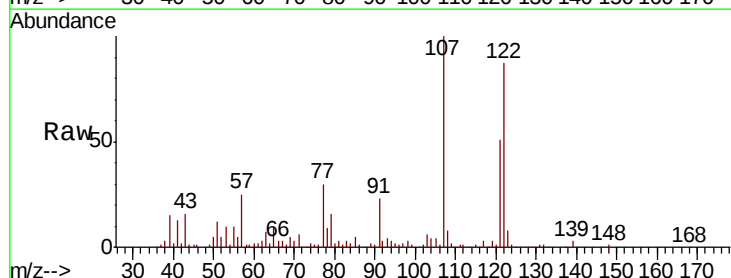
Tgt Ion:122 Resp: 130317

Ion Ratio Lower Upper

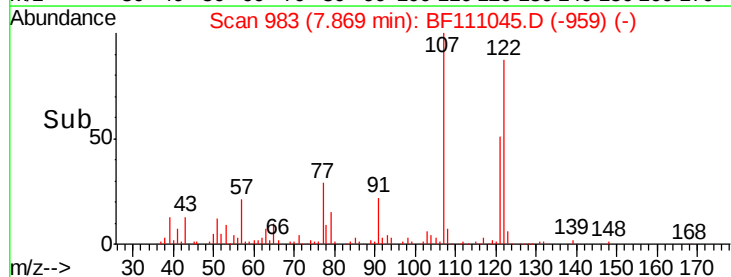
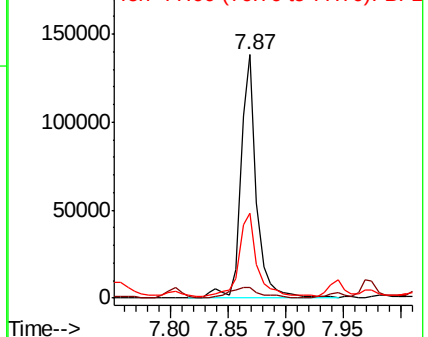
122 100

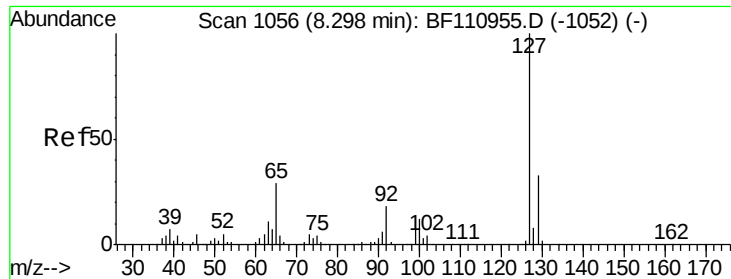
105 4.3 109.0 149.0#

77 34.9 79.0 119.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

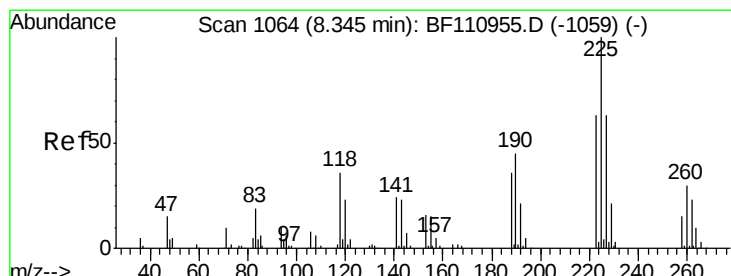
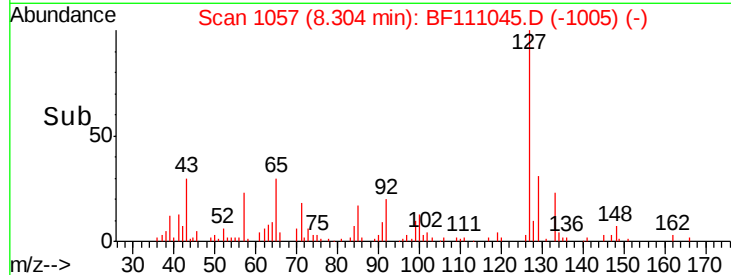
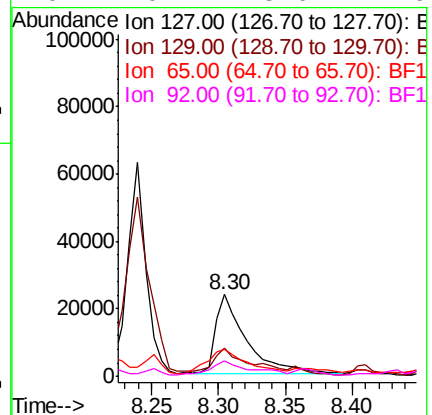
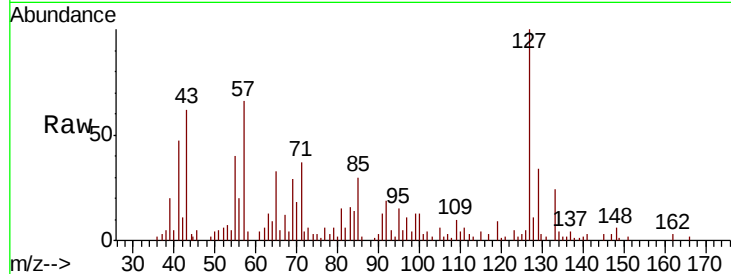




#33
4-Chloroaniline
Concen: 8.662 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

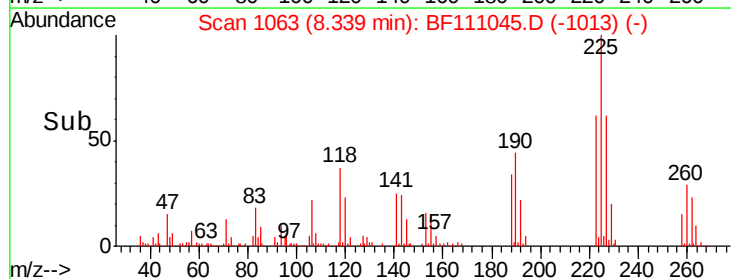
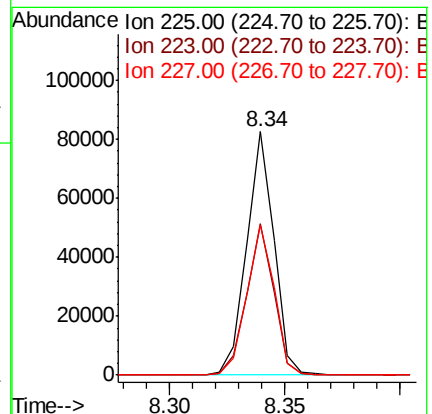
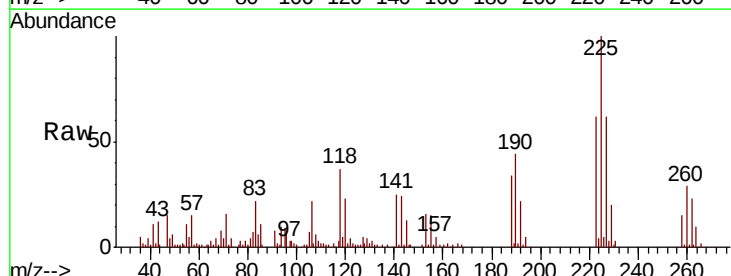
Instrument :
BNA_F
ClientSampled :

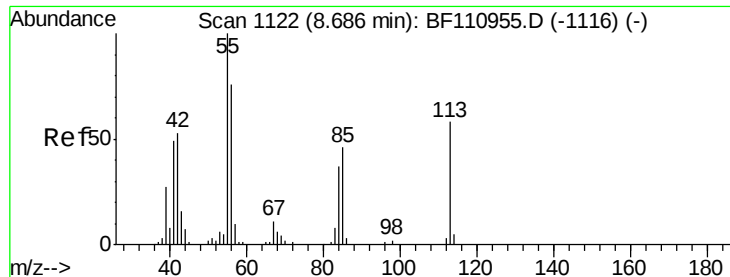
Tot Ion:	127	Resp:	37443
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.0	39.0
65	33.1	25.1	37.7
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 35.324 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:	225	Resp:	68151
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.2
227	61.9	51.0	76.6

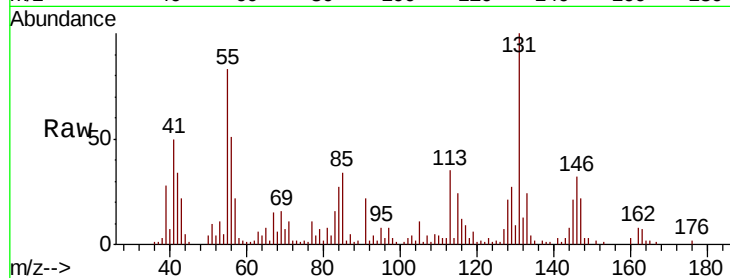




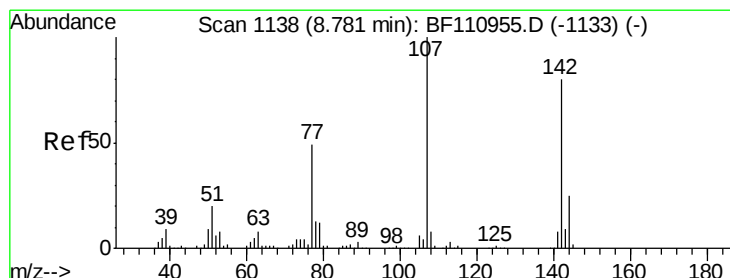
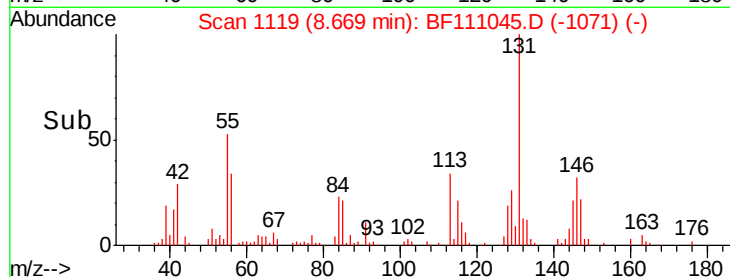
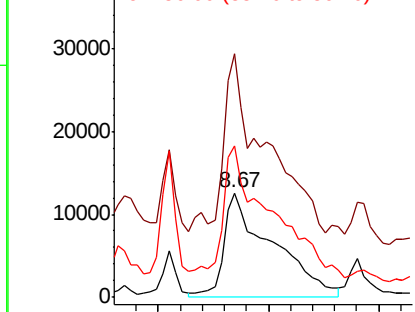
#35
 Caprolactam
 Concen: 37.556 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 38755
 Ion Ratio Lower Upper
 113 100
 55 232.8 142.8 182.8#
 56 144.4 105.0 145.0

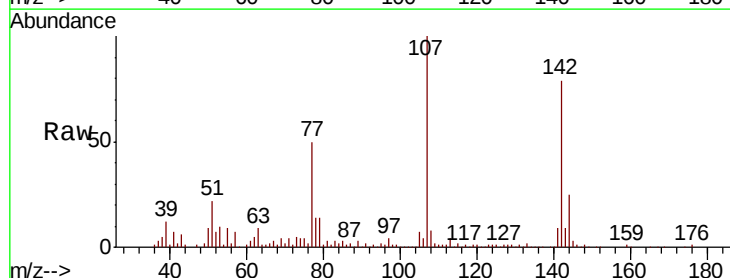


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

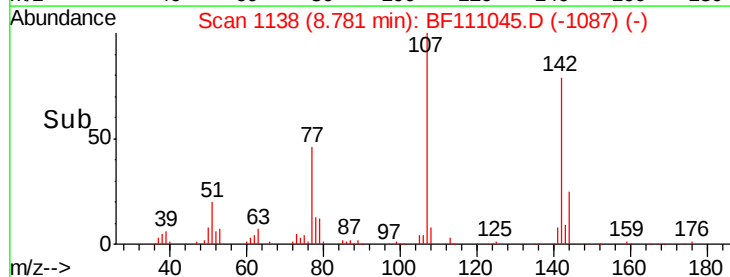
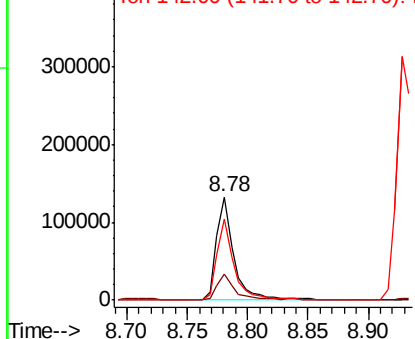


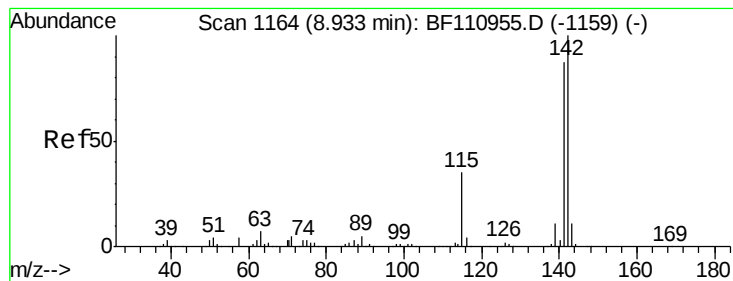
#36
 4-Chloro-3-methylphenol
 Concen: 38.209 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:107 Resp: 128322
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 78.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

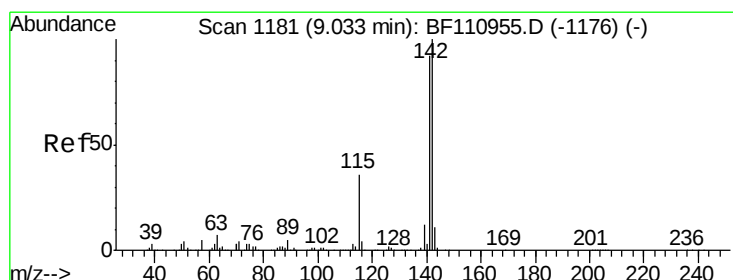
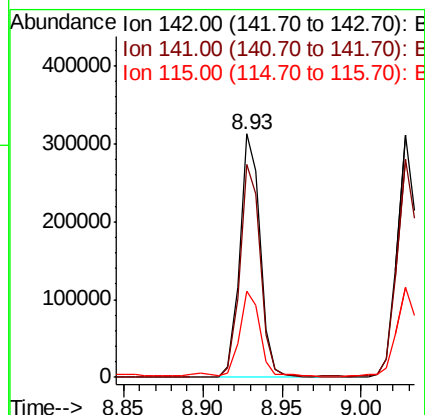
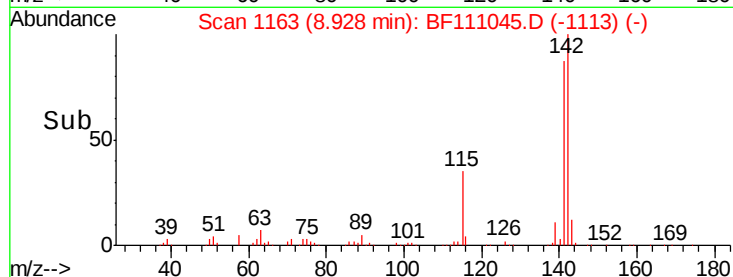
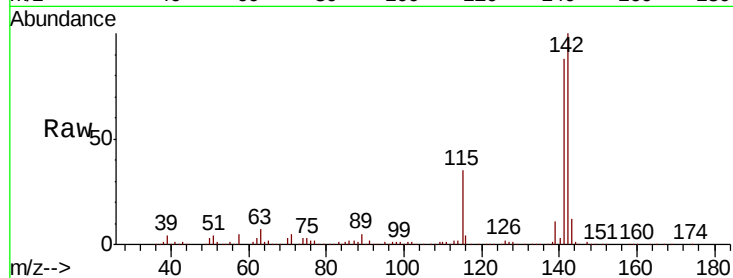




#37
2-Methylnaphthalene
Concen: 41.436 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

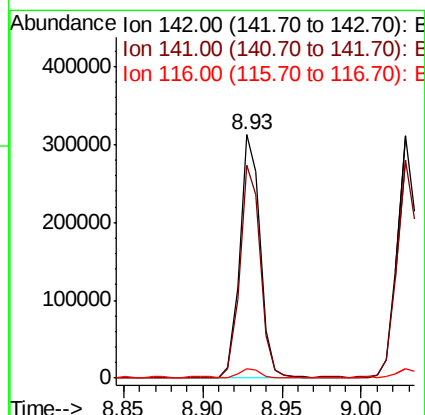
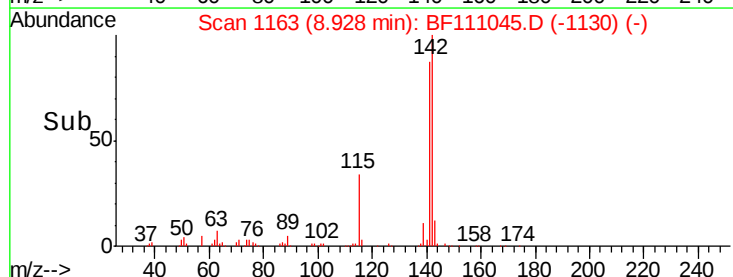
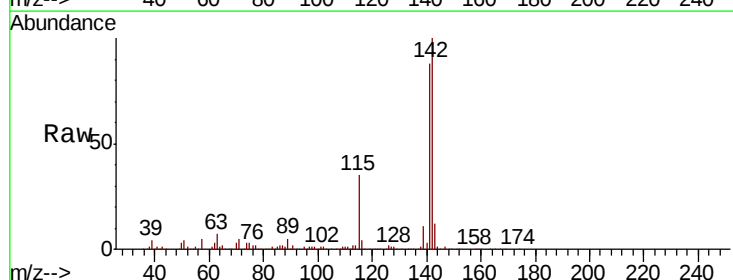
Instrument :
BNA_F
ClientSampleId :

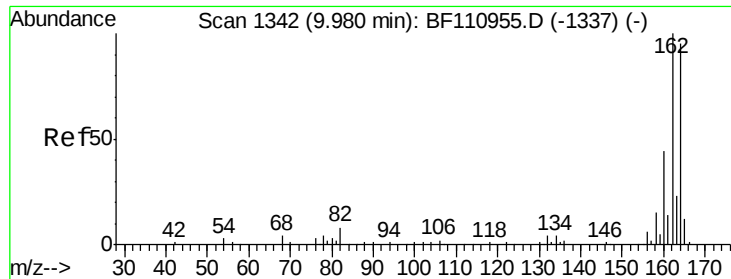
Tot Ion:142 Resp: 277966
Ion Ratio Lower Upper
142 100
141 87.6 71.4 107.2
115 35.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 42.603 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.11 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:142 Resp: 277989
Ion Ratio Lower Upper
142 100
141 87.6 74.2 111.4
116 3.7 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

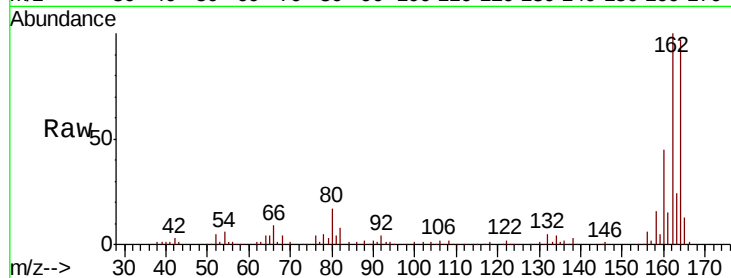
Tot Ion:164 Resp: 104710

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

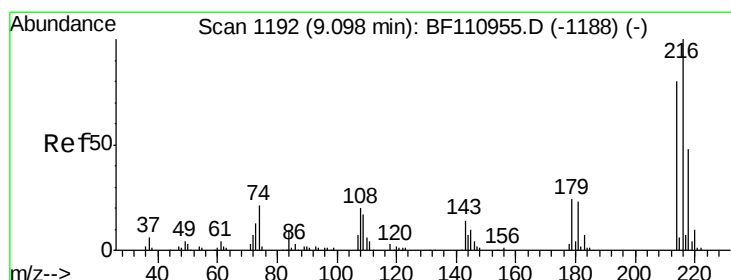
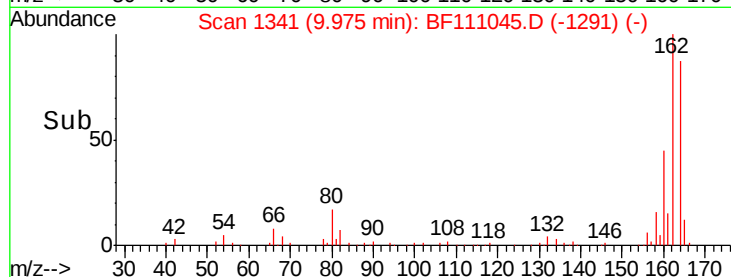
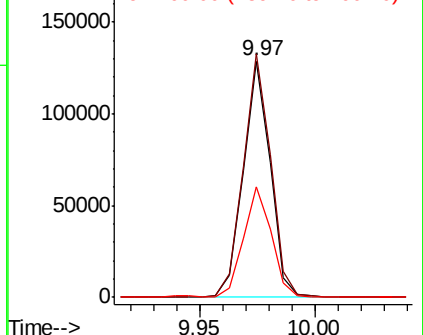
160 46.8 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.733 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:216 Resp: 117703

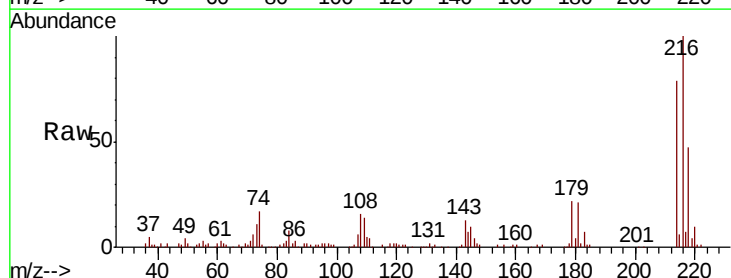
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 23.3 16.6 25.0

108 19.7 15.1 22.7

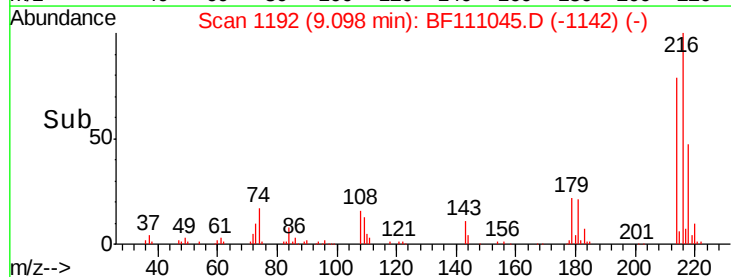
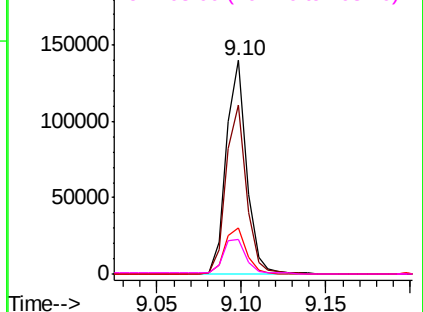


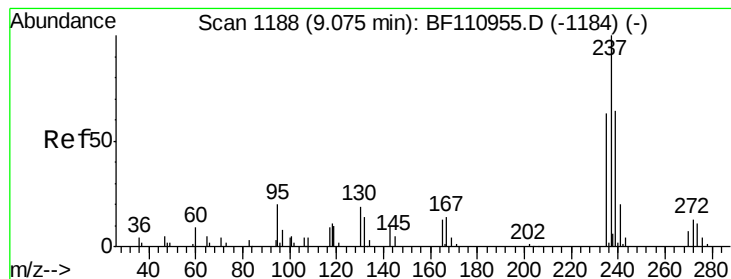
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.520 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

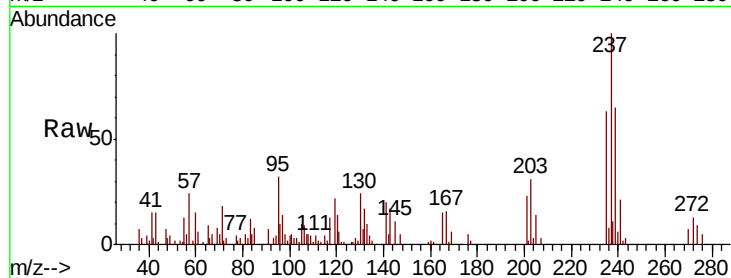
Tot Ion:237 Resp: 17834

Ion Ratio Lower Upper

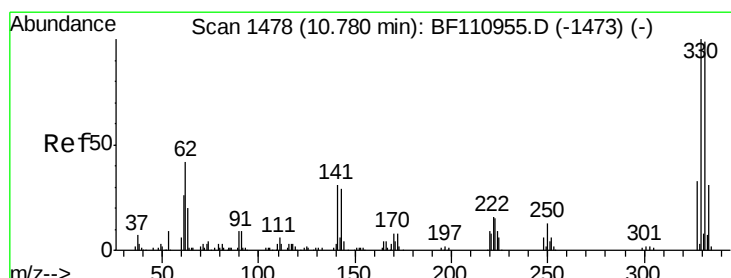
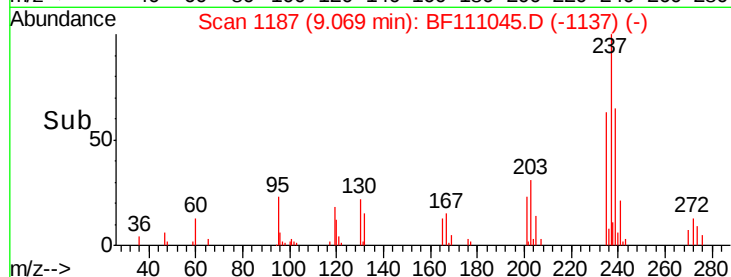
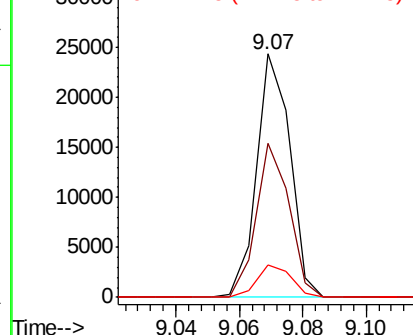
237 100

235 63.4 43.1 83.1

272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.065 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

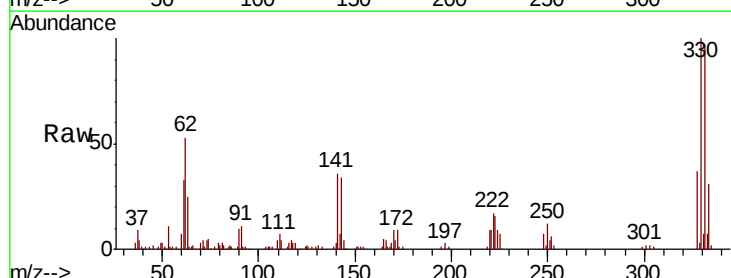
Tgt Ion:330 Resp: 123817

Ion Ratio Lower Upper

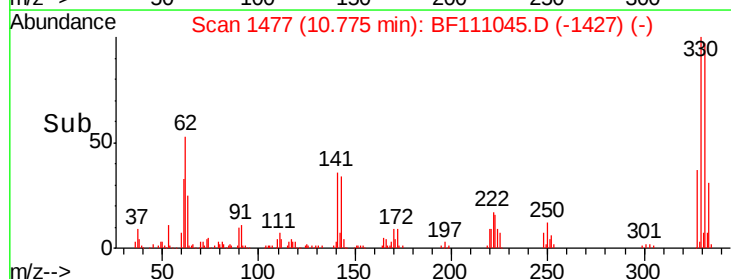
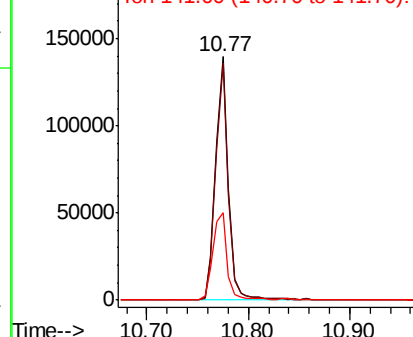
330 100

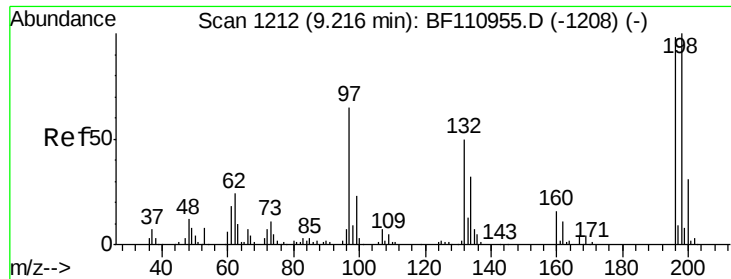
332 95.8 77.1 115.7

141 39.1 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

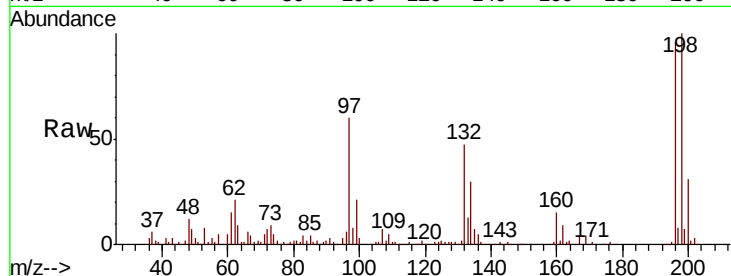




#43
 2,4,6-Trichlorophenol
 Concen: 38.430 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.8	76.2	114.4
200	32.7	24.4	36.6

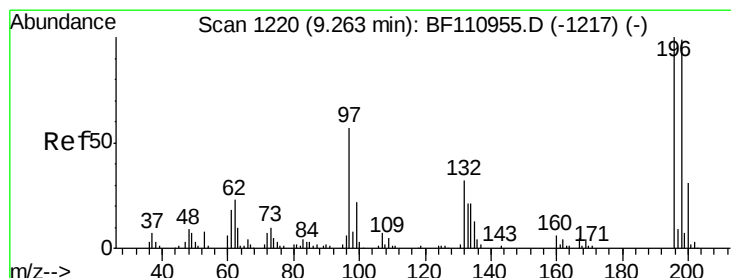
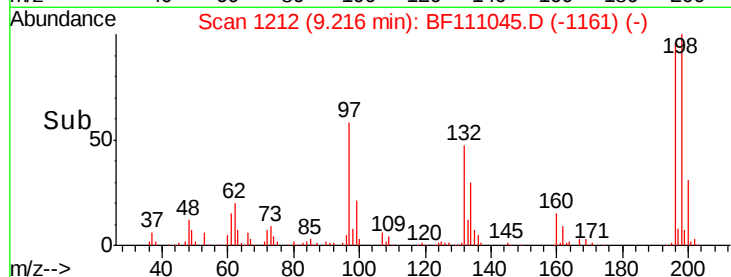
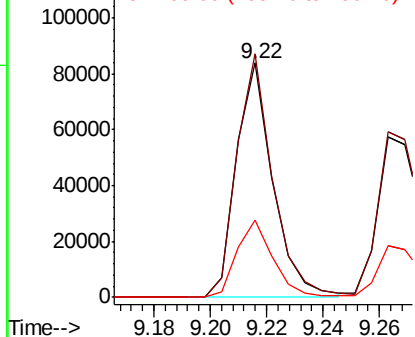


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.839 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.5	75.8	113.6
97	61.1	42.4	63.6
132	32.9	22.8	34.2

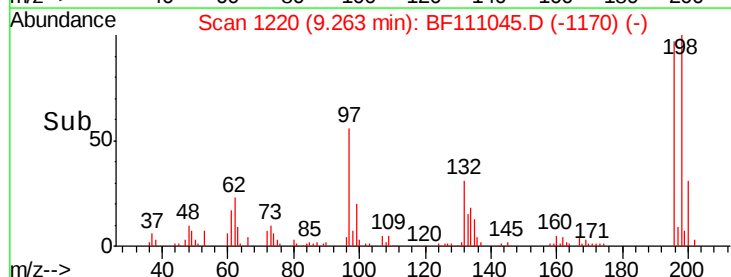
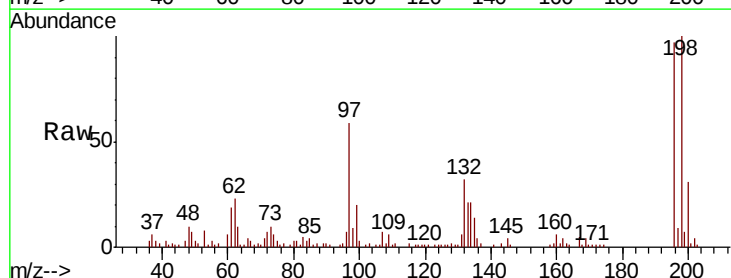
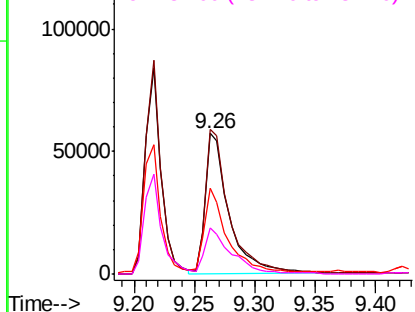
Abundance

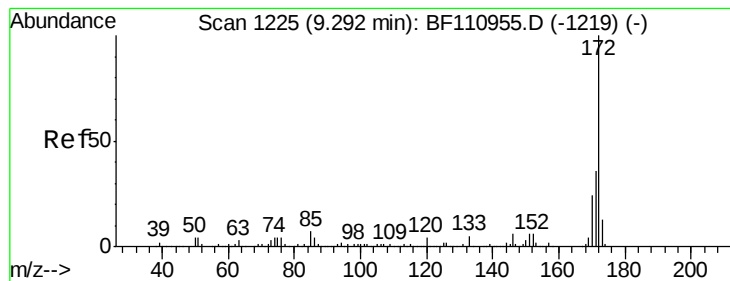
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

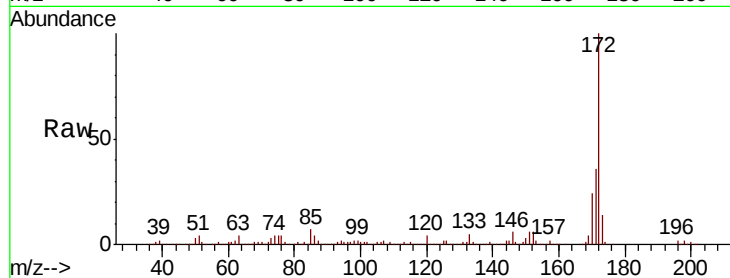




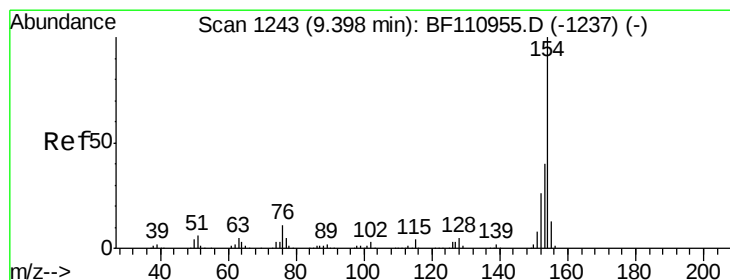
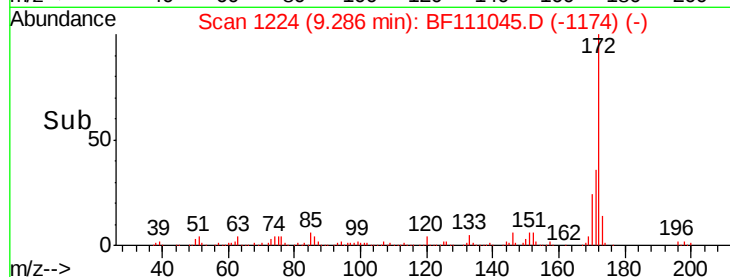
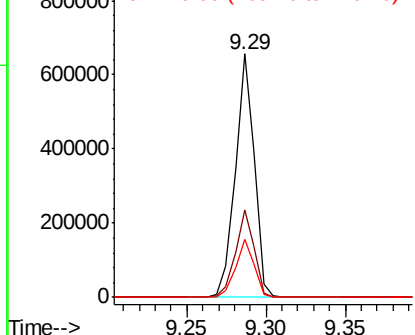
#45
2-Fluorobiphenyl
Concen: 75.241 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 543803
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.7 29.5

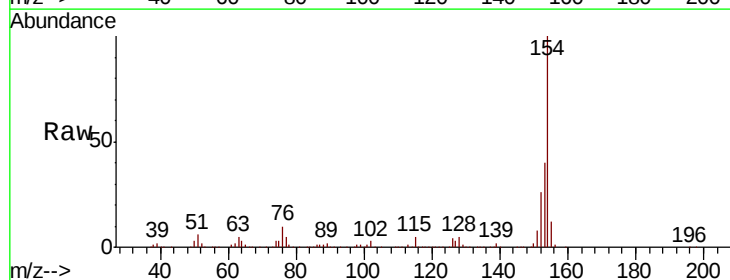


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

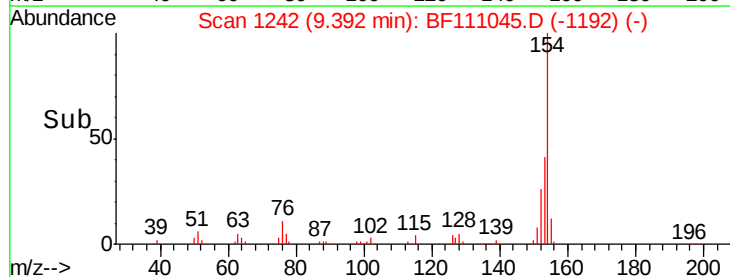
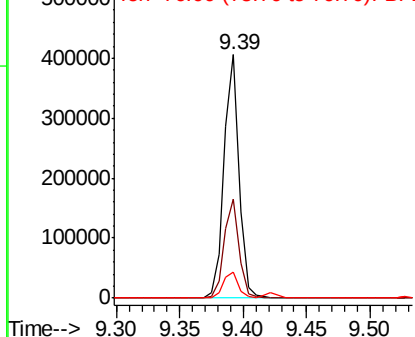


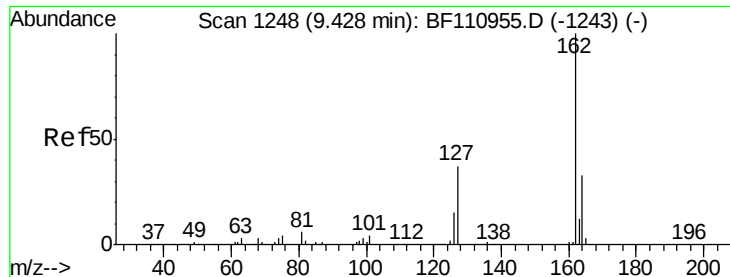
#46
1,1'-Biphenyl
Concen: 34.684 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:154 Resp: 334828
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

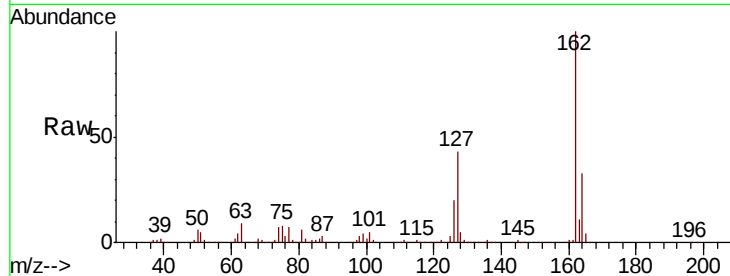




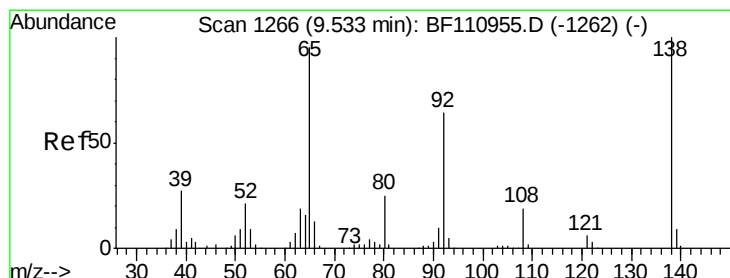
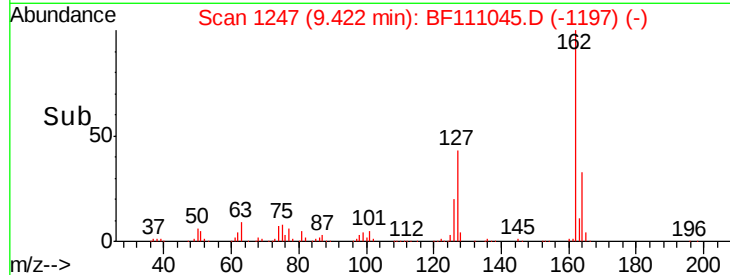
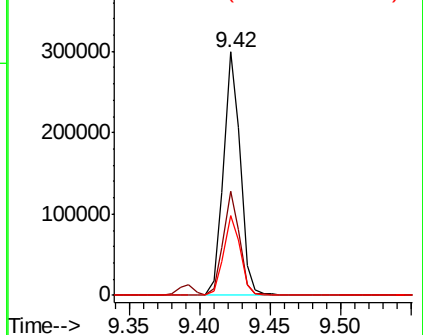
#47
 2-Chloronaphthalene
 Concen: 35.646 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	249503
Ion	Ratio	Lower	Upper
162	100		
127	42.8	32.6	48.8
164	33.0	25.9	38.9

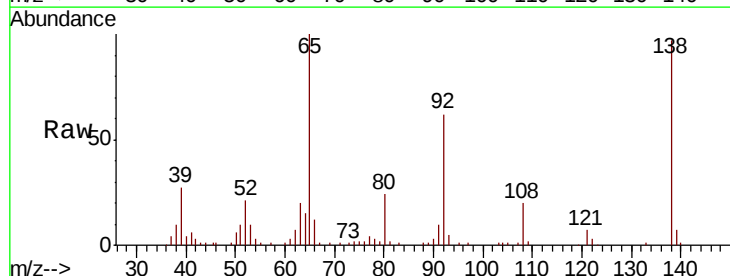


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

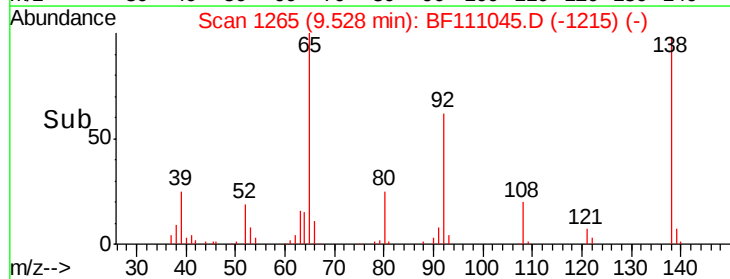
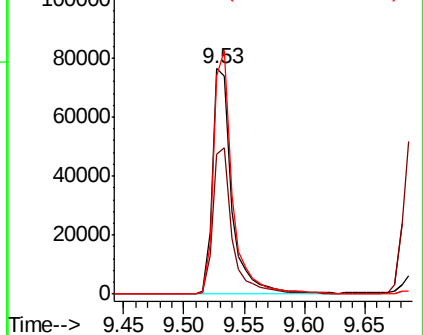


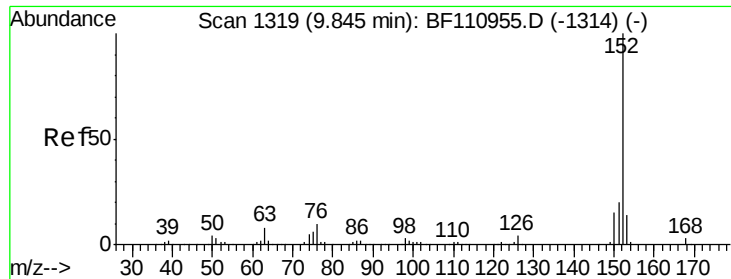
#48
 2-Nitroaniline
 Concen: 38.605 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:	65	Resp:	84520
Ion	Ratio	Lower	Upper
65	100		
92	62.2	54.6	81.8
138	96.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.620 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

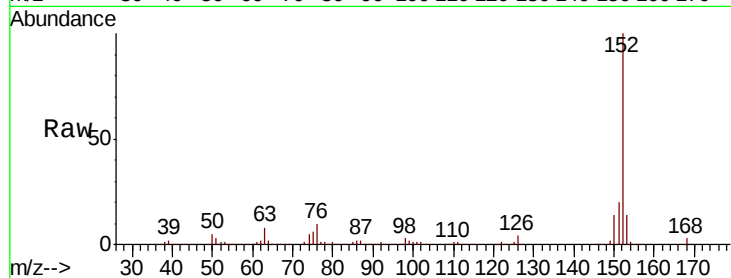
Tot Ion:152 Resp: 384386

Ion Ratio Lower Upper

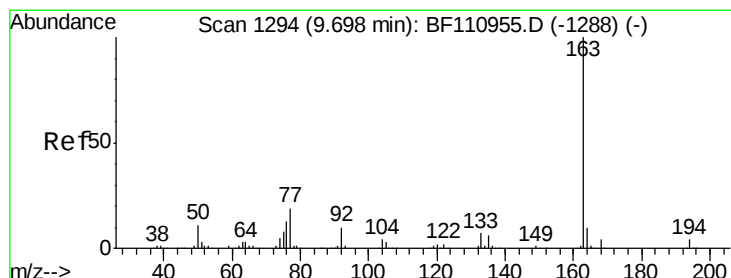
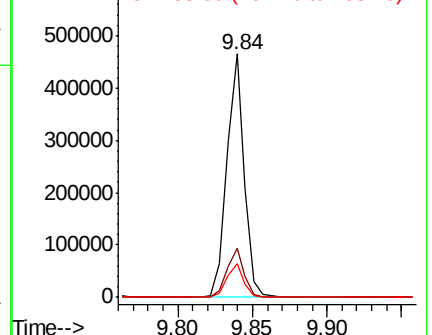
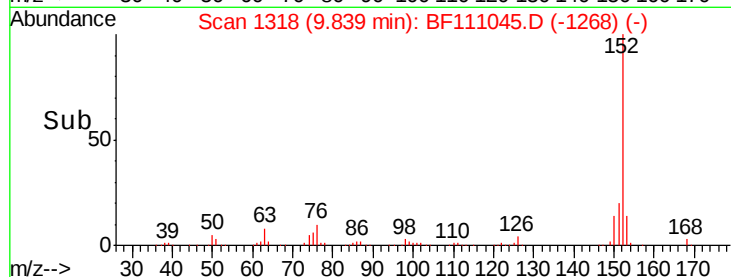
152 100

151 20.2 15.8 23.8

153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.794 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

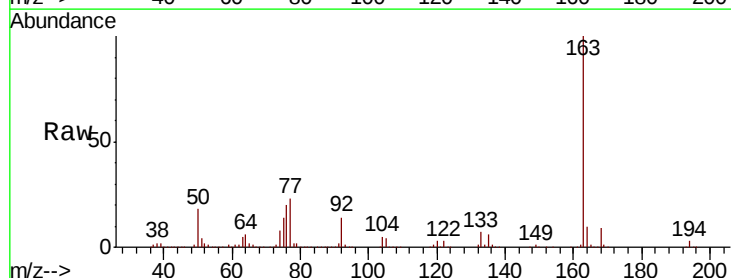
Tgt Ion:163 Resp: 336311

Ion Ratio Lower Upper

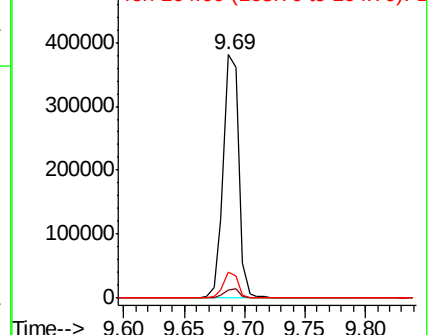
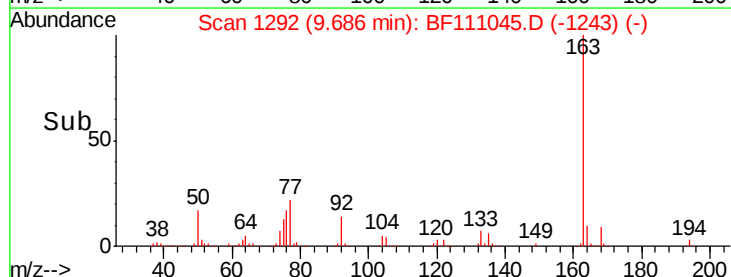
163 100

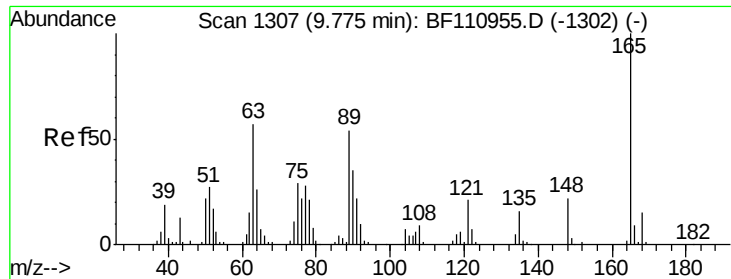
194 3.4 3.2 4.8

164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.435 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampled :

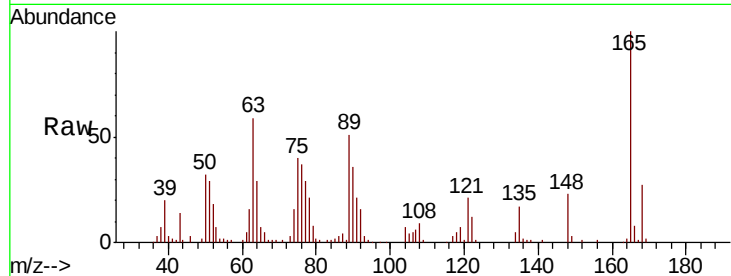
Tot Ion:165 Resp: 64000

Ion Ratio Lower Upper

165 100

63 59.2 48.9 73.3

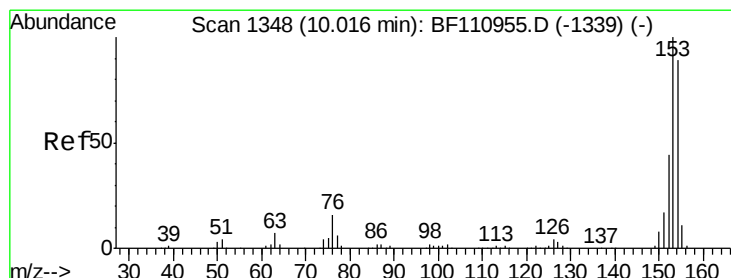
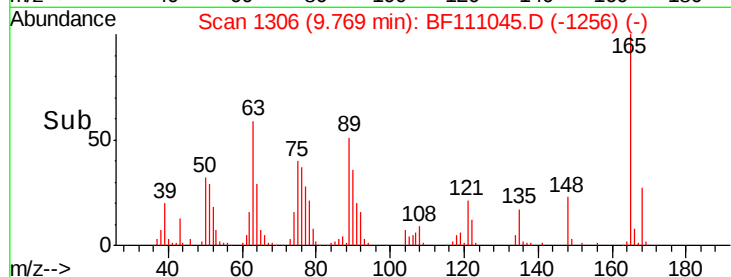
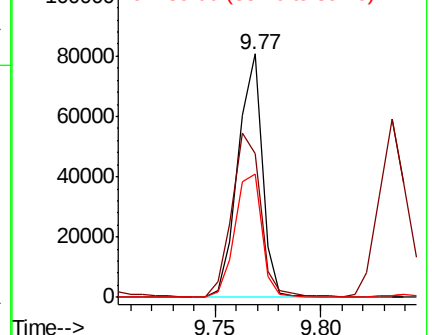
89 50.9 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.460 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

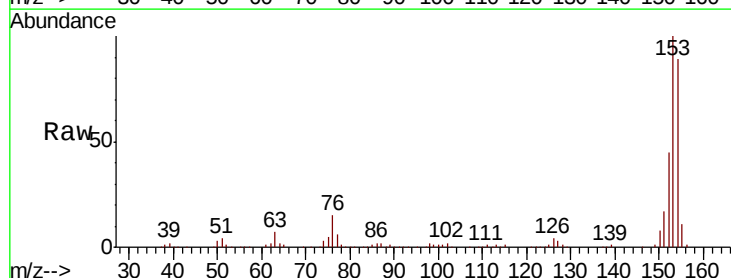
Tgt Ion:154 Resp: 232639

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

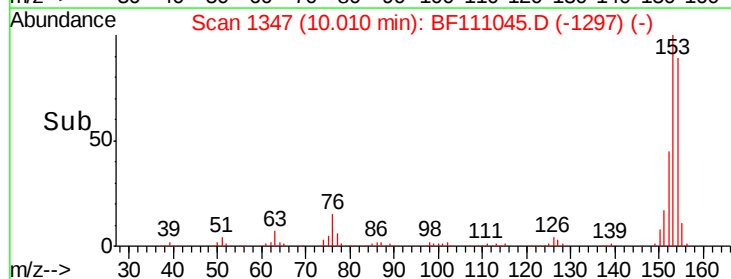
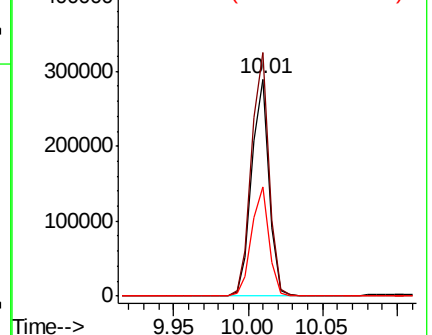
152 50.5 43.4 65.2

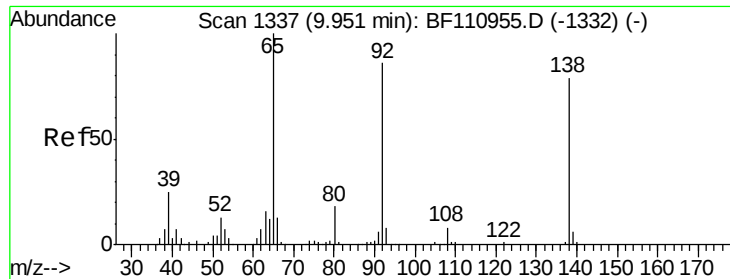


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

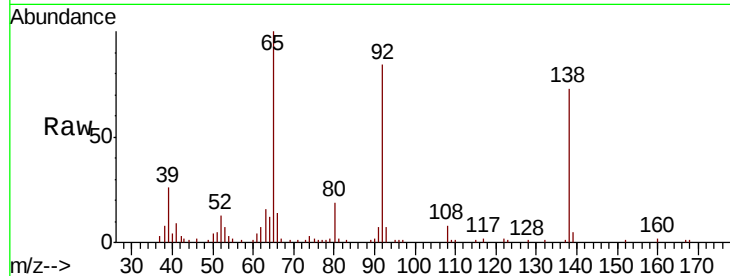




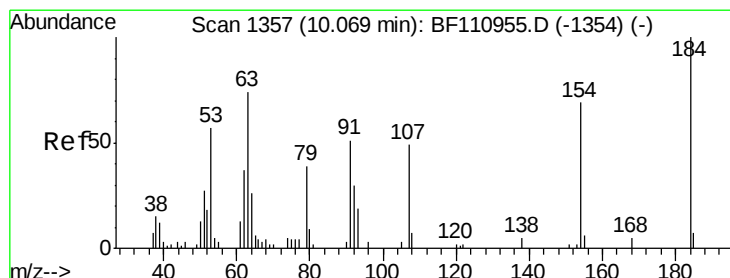
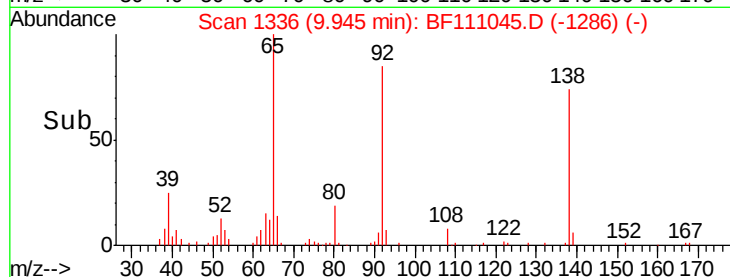
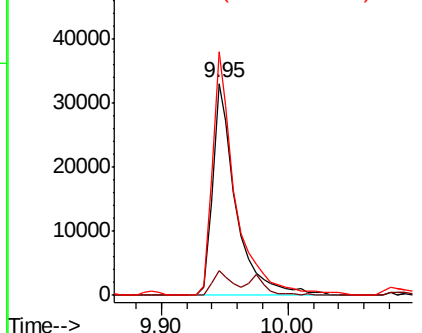
#53
3-Nitroaniline
Concen: 21.317 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 42475
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 114.9 97.0 145.4

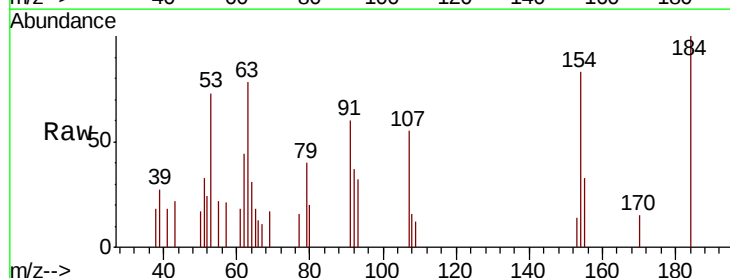


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

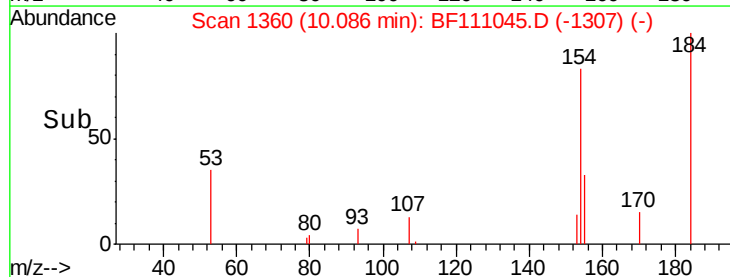
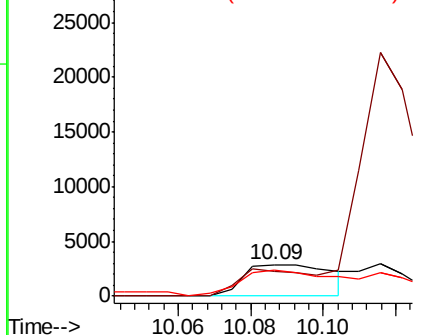


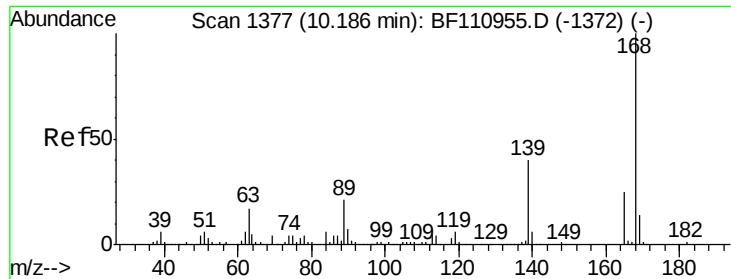
#54
2,4-Dinitrophenol
Concen: 11.396 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:184 Resp: 4864
Ion Ratio Lower Upper
184 100
63 78.2 55.8 83.6
154 83.1 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

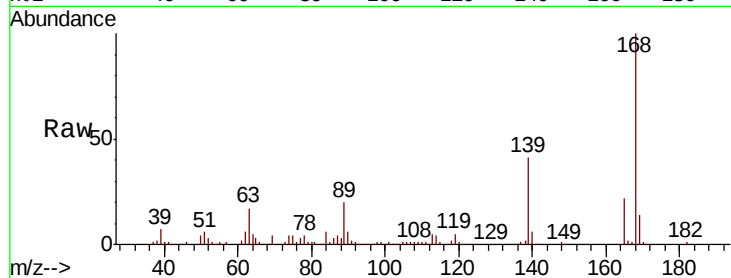




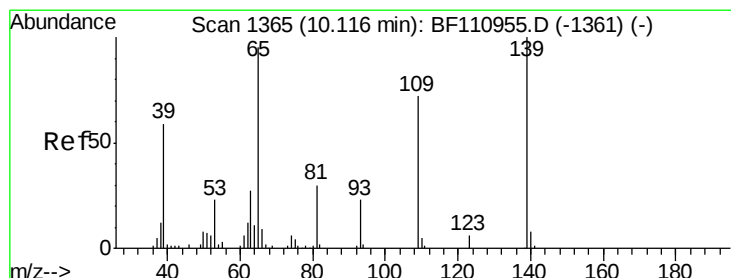
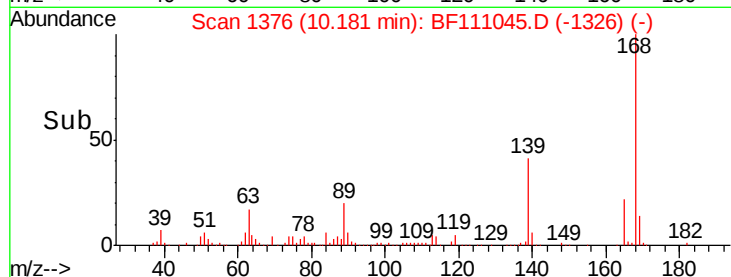
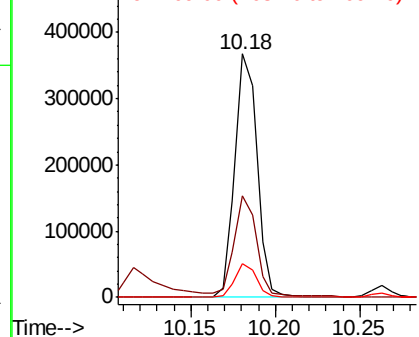
#55
Dibenzenofuran
Concen: 36.197 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 336942
Ion Ratio Lower Upper
168 100
139 41.5 33.0 49.6
169 13.9 11.3 16.9

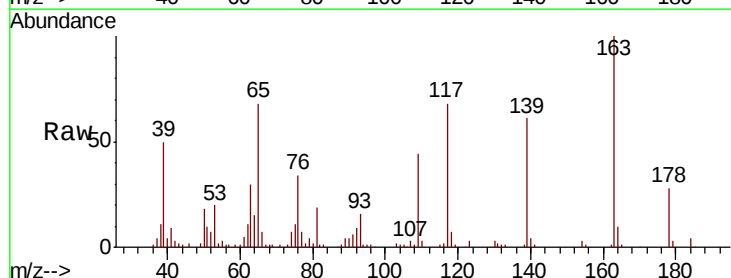


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

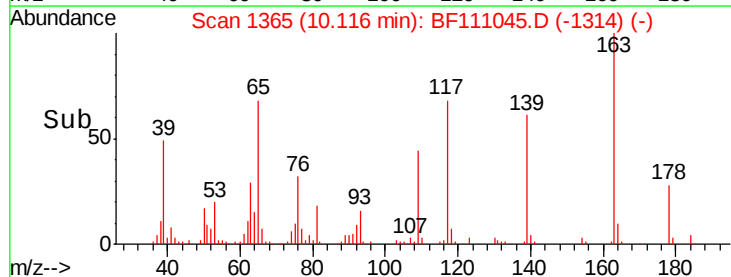
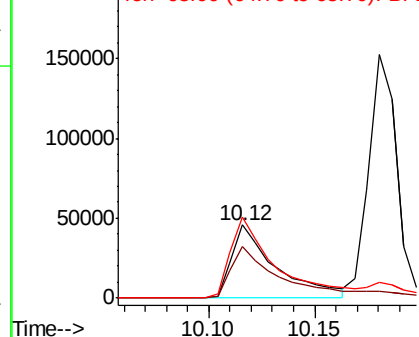


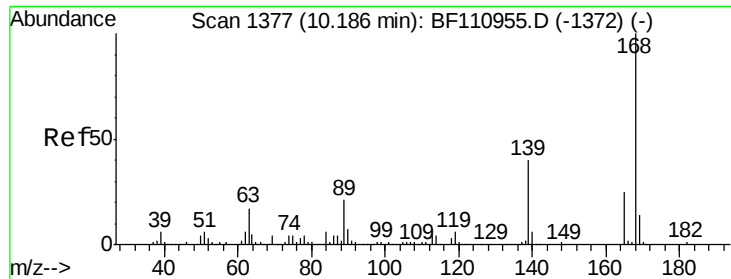
#56
4-Nitrophenol
Concen: 60.976 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:139 Resp: 66363
Ion Ratio Lower Upper
139 100
109 71.3 55.8 95.8
65 110.7 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

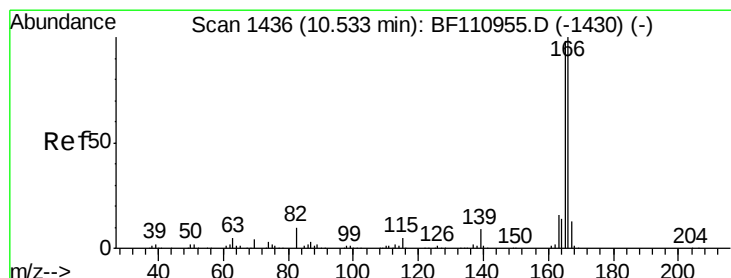
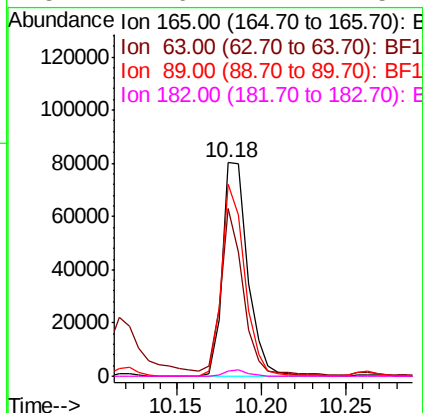
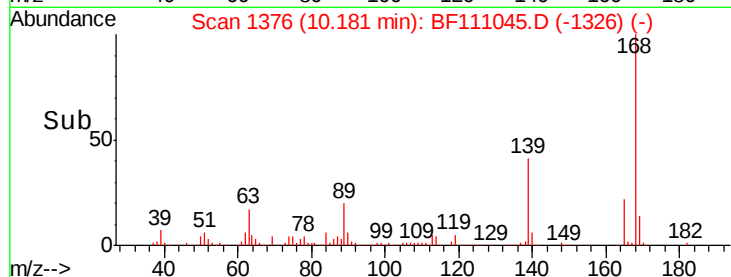
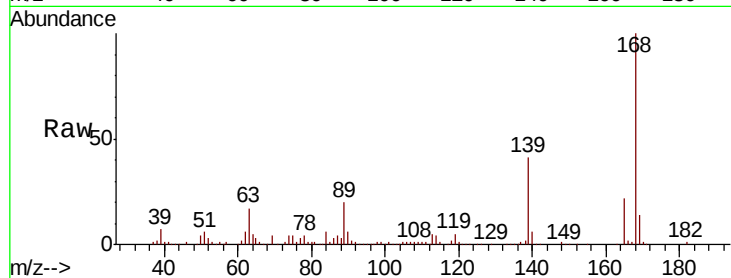




#57
2,4-Dinitrotoluene
Concen: 37.844 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

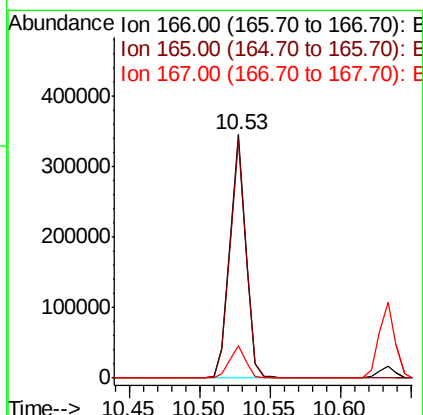
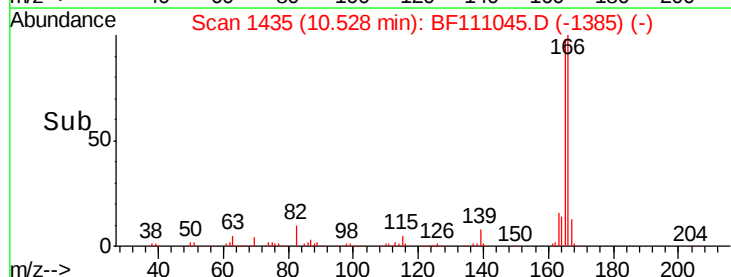
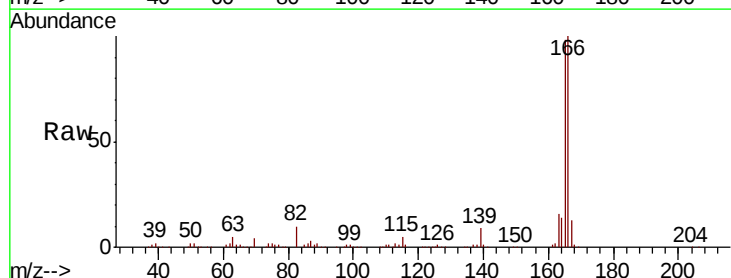
Instrument :
BNA_F
ClientSampleId :

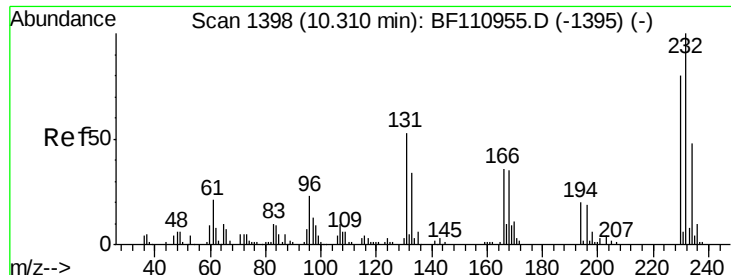
Tot Ion:165 Resp: 83941
Ion Ratio Lower Upper
165 100
63 78.6 44.8 67.2#
89 89.9 62.2 93.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.026 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:166 Resp: 275393
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.3 10.8 16.2

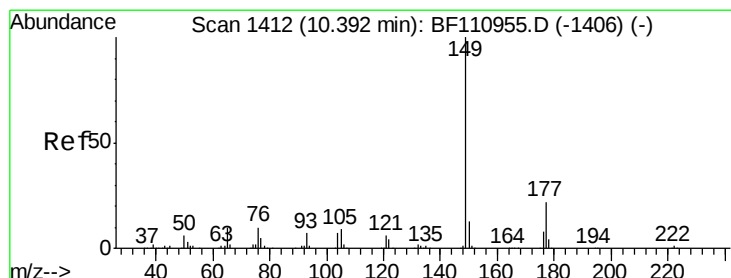
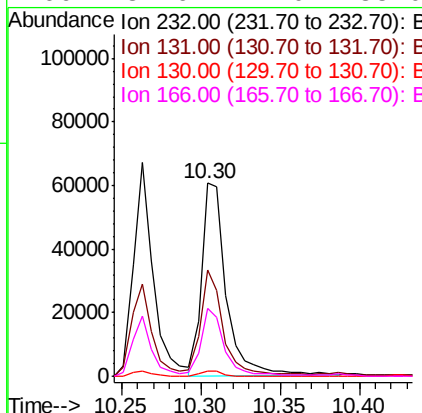
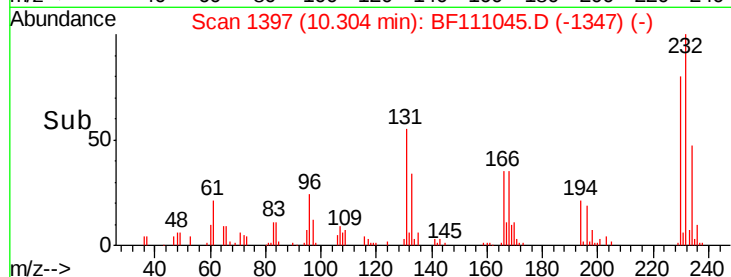
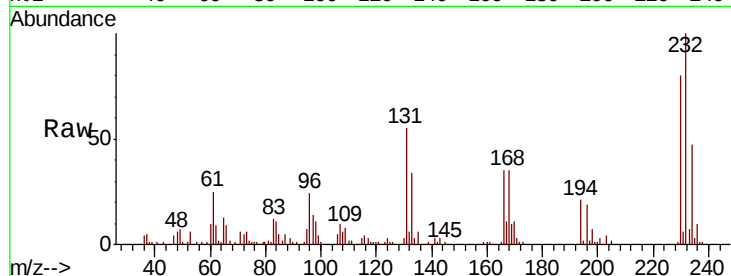




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.746 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

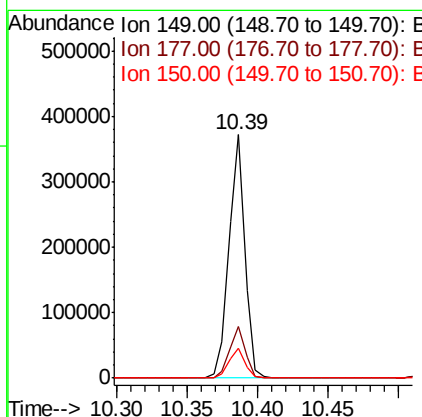
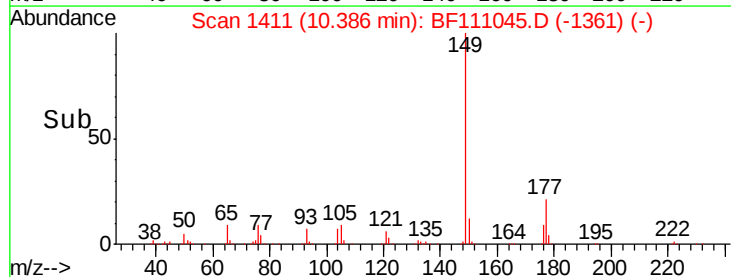
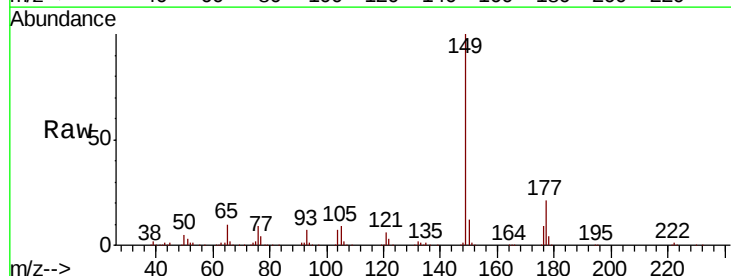
Instrument :
 BNA_F
 ClientSampleId :

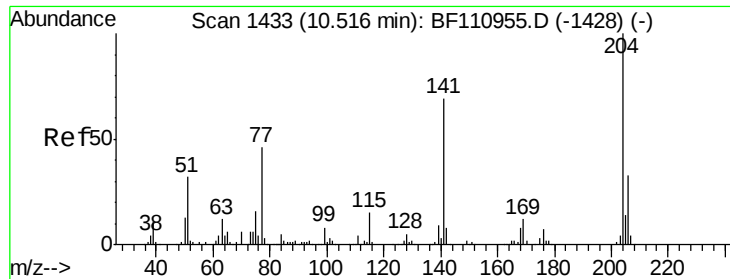
Tot Ion:232 Resp: 65869
 Ion Ratio Lower Upper
 232 100
 131 49.6 37.0 55.4
 130 2.3 1.8 2.6
 166 32.6 22.0 33.0



#60
 Diethylphthalate
 Concen: 36.791 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:149 Resp: 291355
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.4 26.2
 150 12.3 9.8 14.8

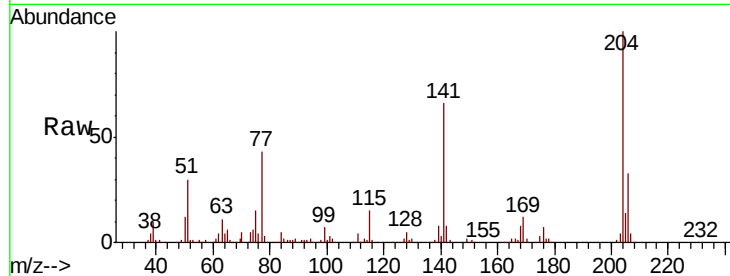




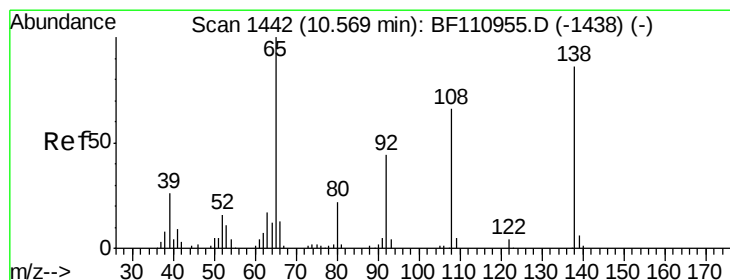
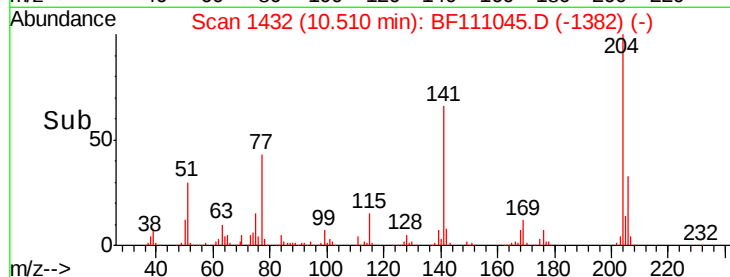
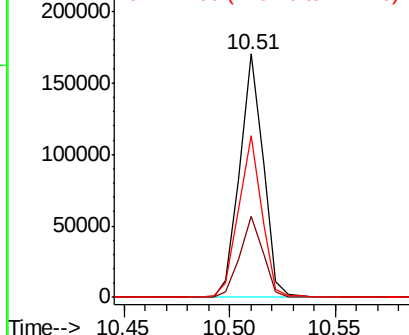
#61
4-Chlorophenyl-phenylether
Concen: 34.648 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 131248
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 66.2 51.8 77.8

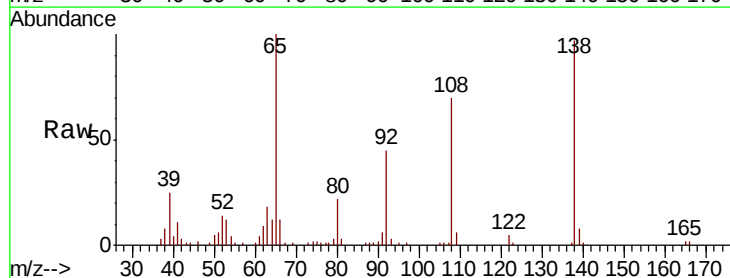


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

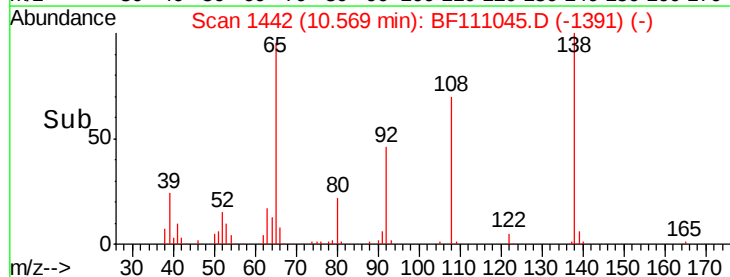
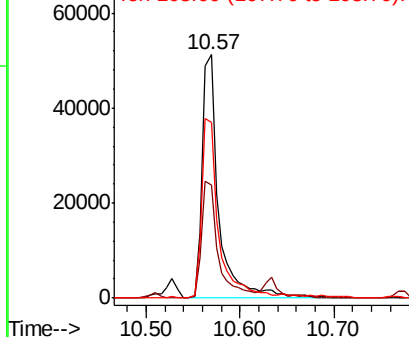


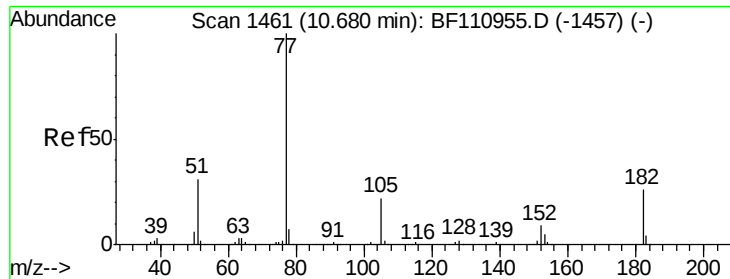
#62
4-Nitroaniline
Concen: 34.314 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:138 Resp: 63661
Ion Ratio Lower Upper
138 100
92 46.4 31.7 71.7
108 72.1 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.553 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 266712

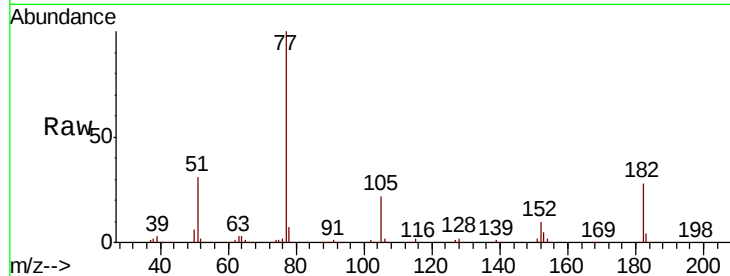
Ion Ratio Lower Upper

77 100

182 27.6 4.3 44.3

105 22.4 1.3 41.3

51 31.1 9.0 49.0

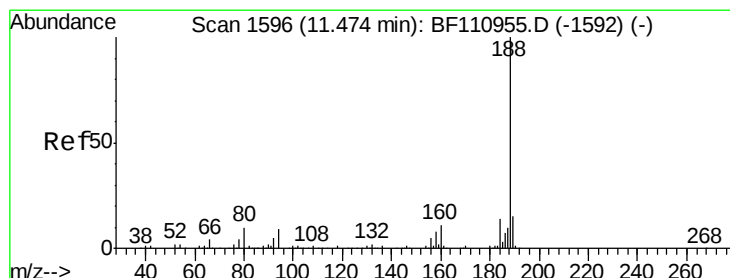
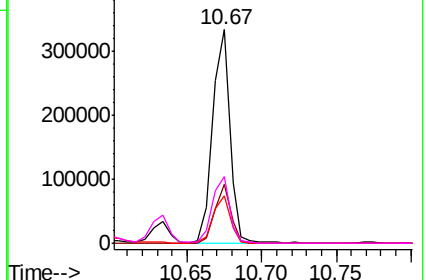
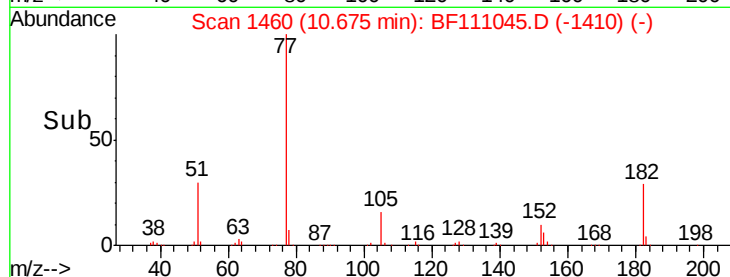


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

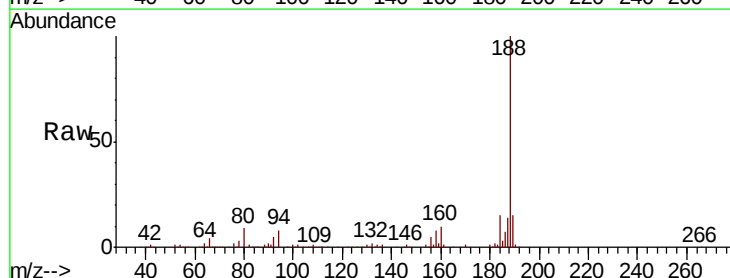
Tgt Ion: 188 Resp: 180688

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

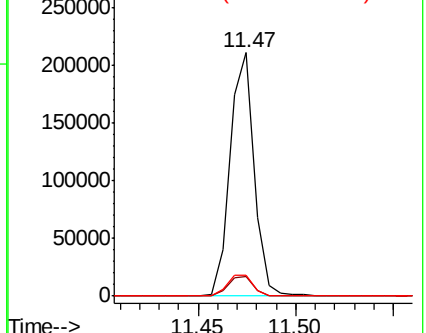
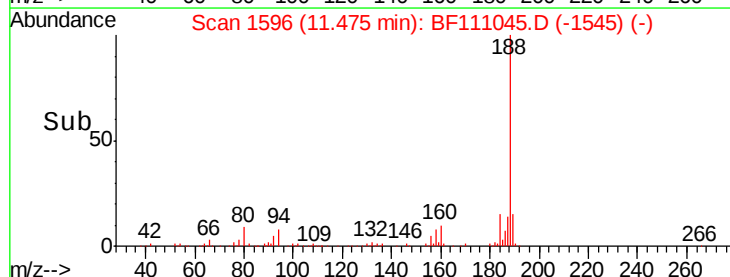
80 8.6 7.9 11.9

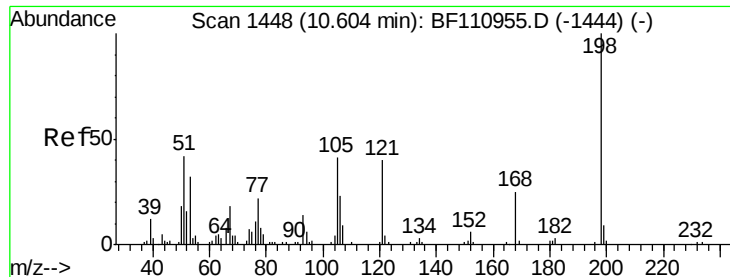


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 26.457 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

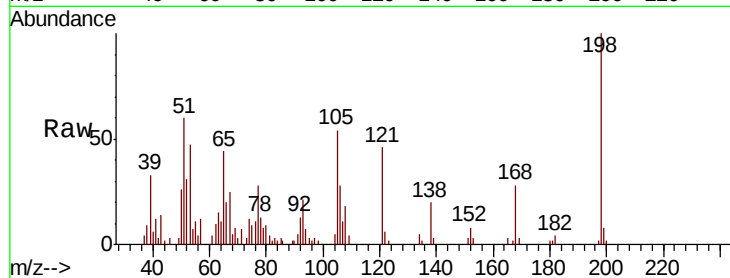
Tot Ion:198 Resp: 22613

Ion Ratio Lower Upper

198 100

51 60.1 22.8 62.8

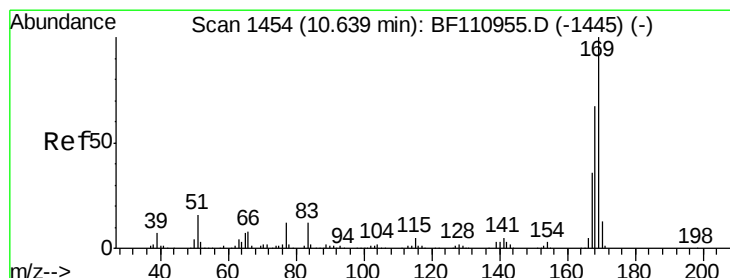
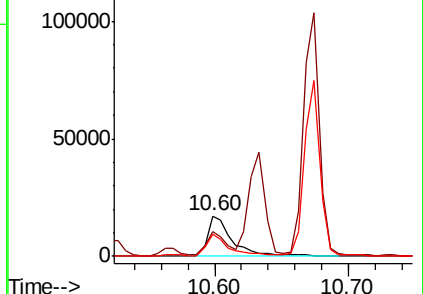
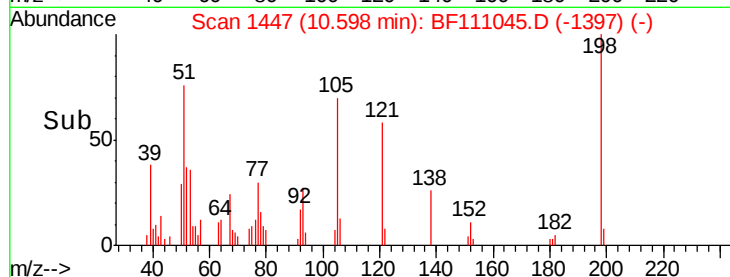
105 53.8 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.509 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

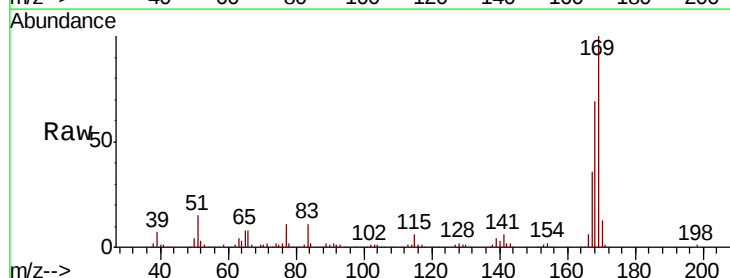
Tgt Ion:169 Resp: 237647

Ion Ratio Lower Upper

169 100

168 69.2 51.2 76.8

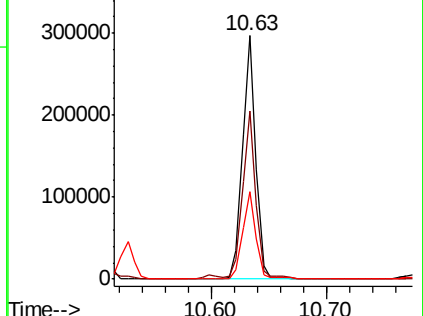
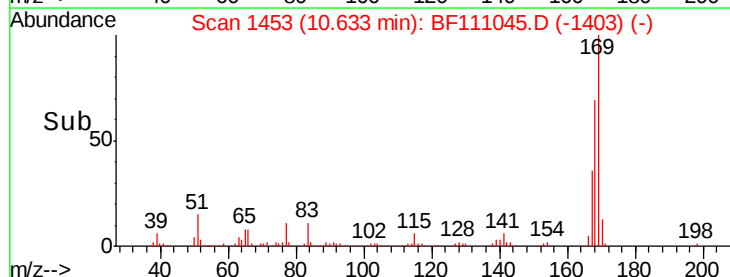
167 36.0 27.8 41.6

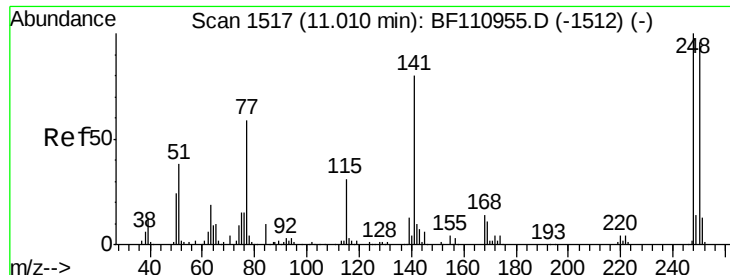


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

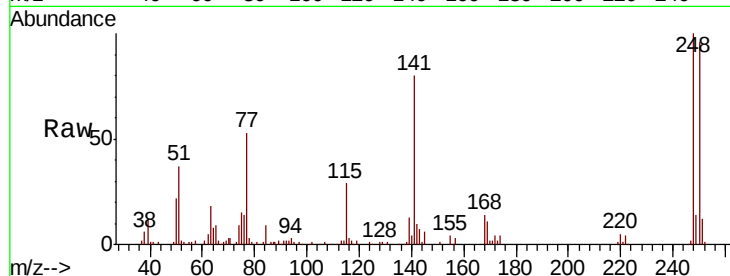




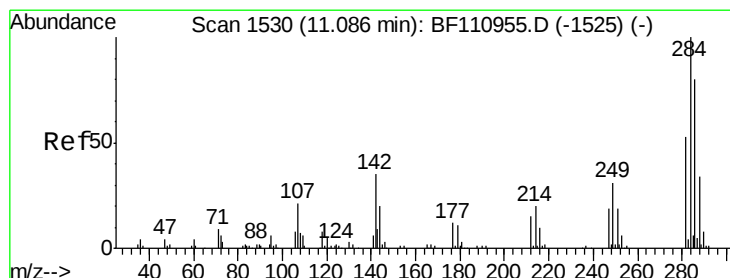
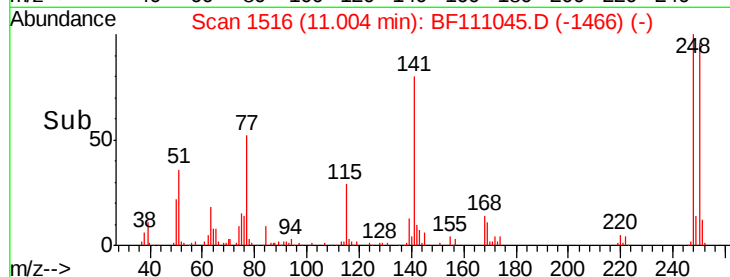
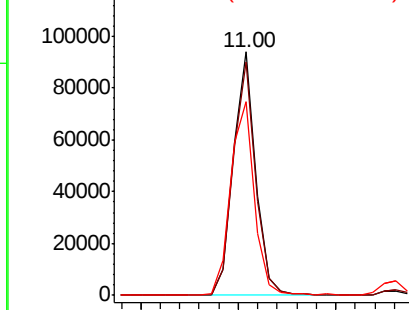
#67
4-Bromophenyl-phenylether
Concen: 37.991 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 74760
Ion Ratio Lower Upper
248 100
250 95.7 79.4 119.2
141 79.7 55.9 83.9

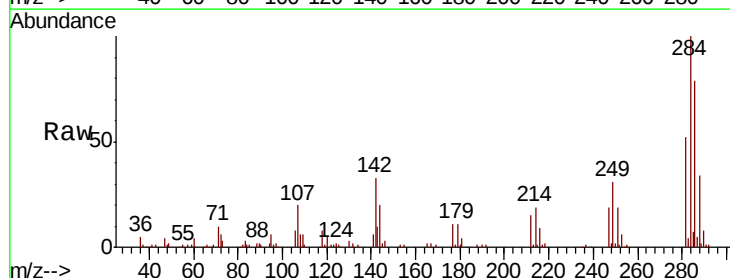


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

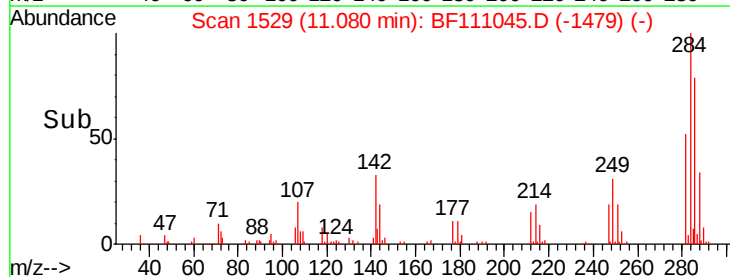
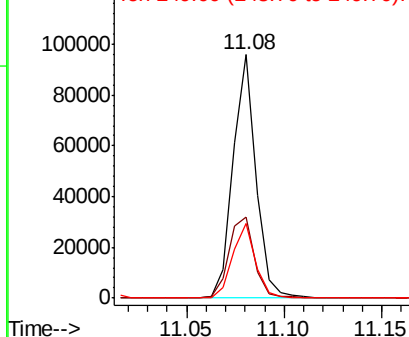


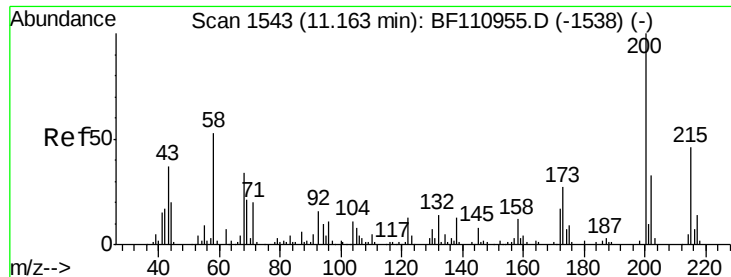
#68
Hexachlorobenzene
Concen: 37.212 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:284 Resp: 77997
Ion Ratio Lower Upper
284 100
142 33.3 23.9 35.9
249 30.6 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

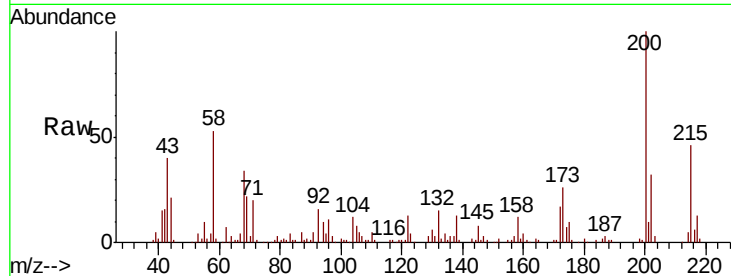




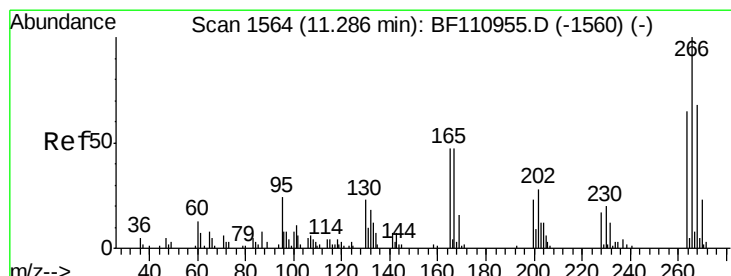
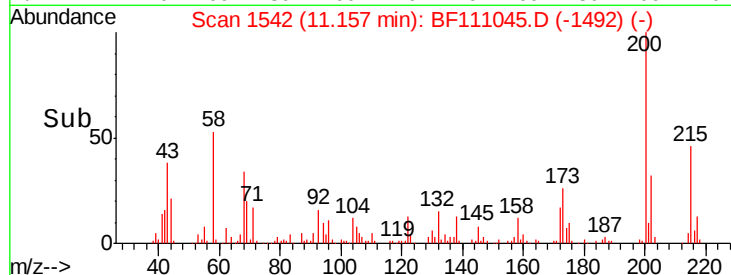
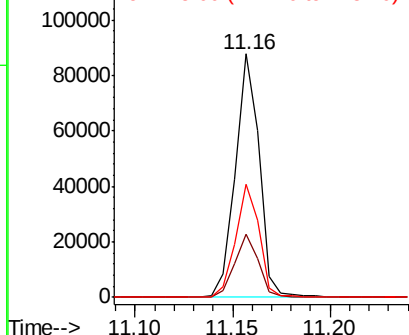
#69
 Atrazine
 Concen: 49.301 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 74319
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.6 46.6
 215 46.3 26.3 66.3

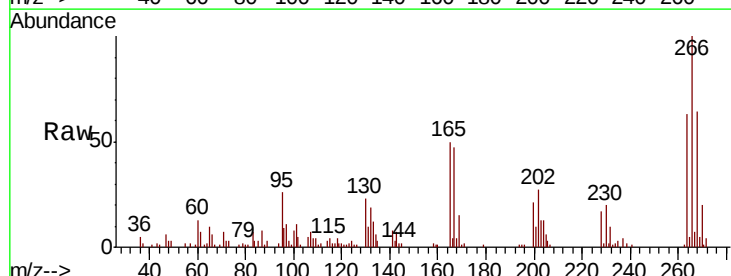


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

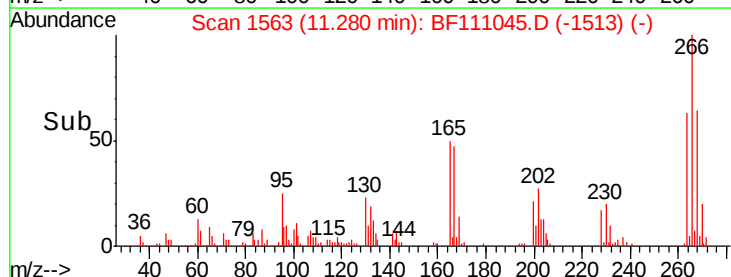
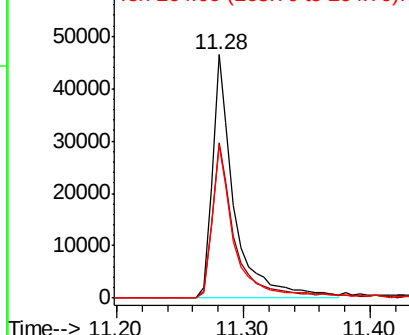


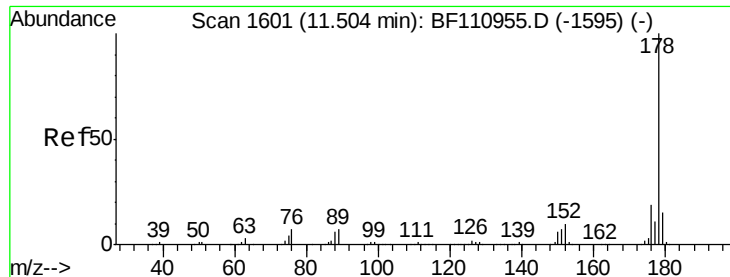
#70
 Pentachlorophenol
 Concen: 67.574 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:266 Resp: 56350
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.6 75.8
 264 63.0 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

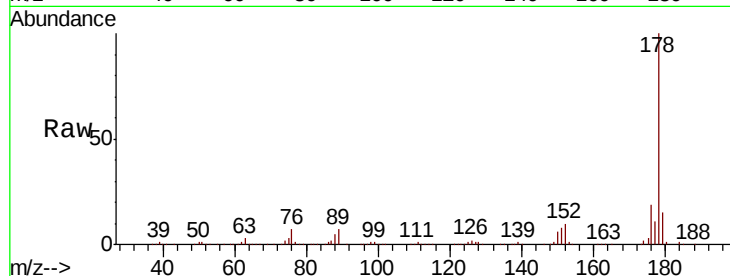




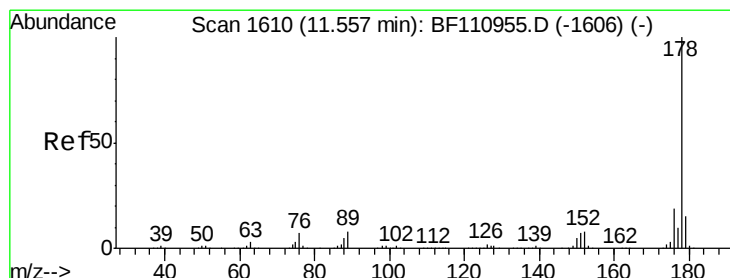
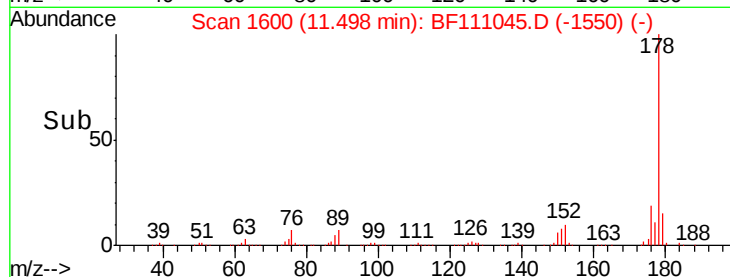
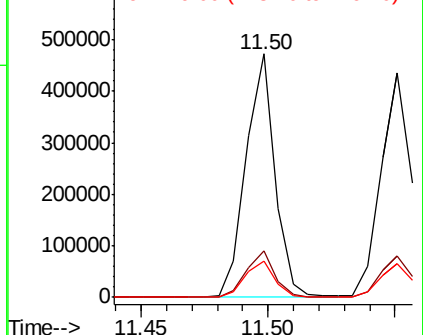
#71
 Phenanthrene
 Concen: 39.378 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 376836
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.0 12.5 18.7

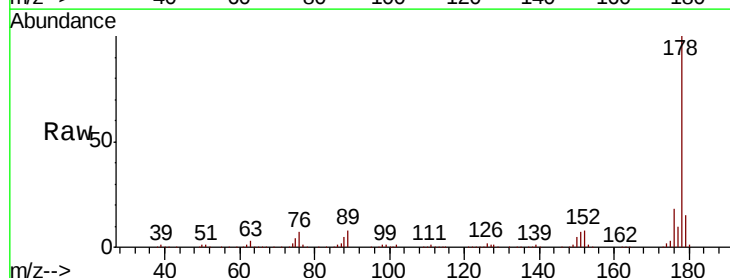


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

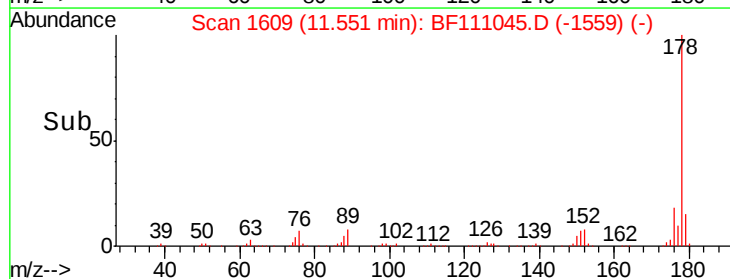
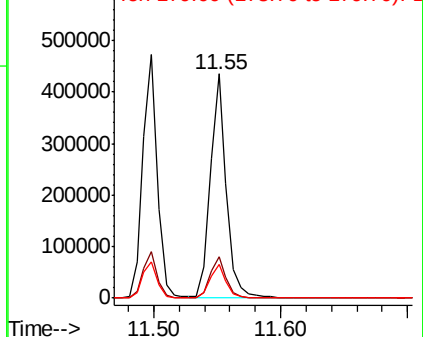


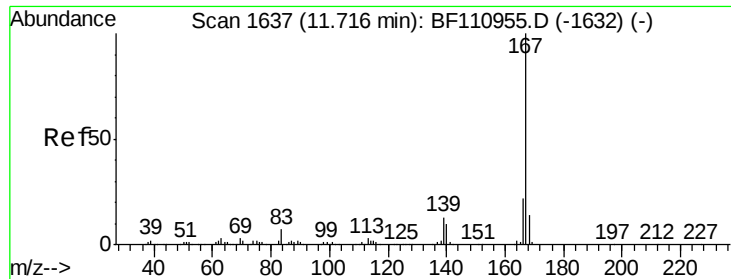
#72
 Anthracene
 Concen: 39.623 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:178 Resp: 386162
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

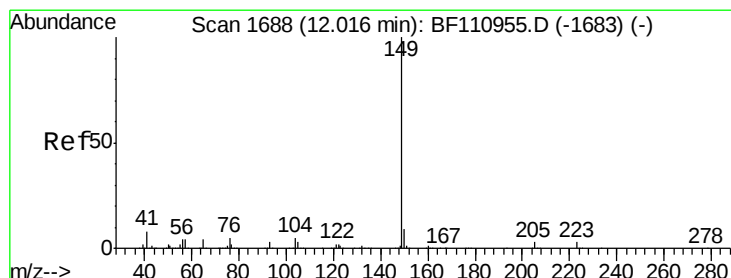
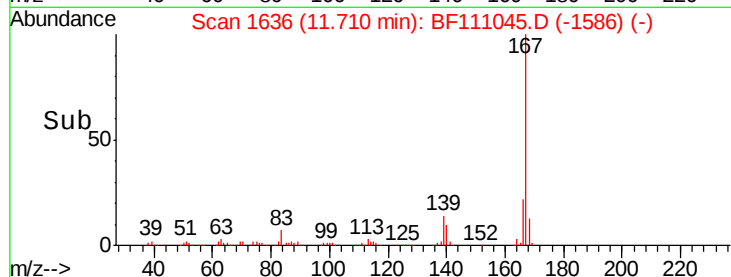
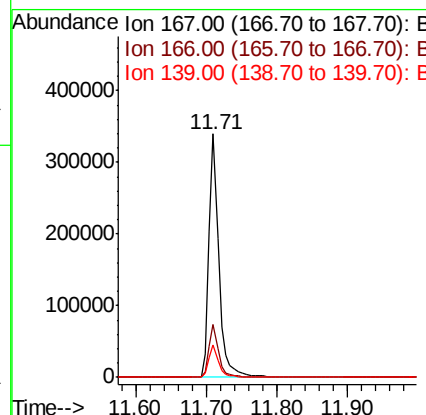
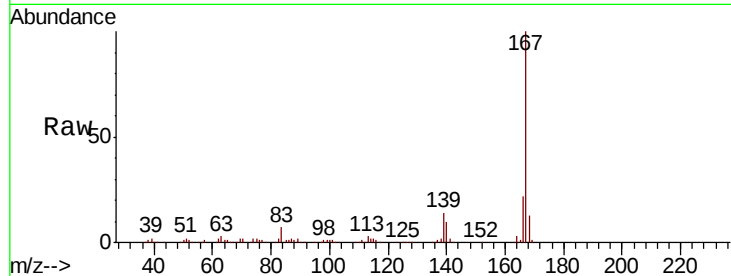




#73
 Carbazole
 Concen: 35.033 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

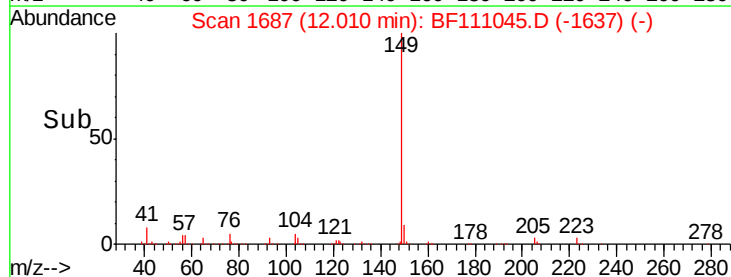
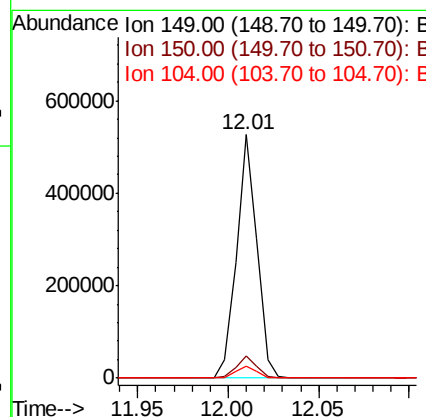
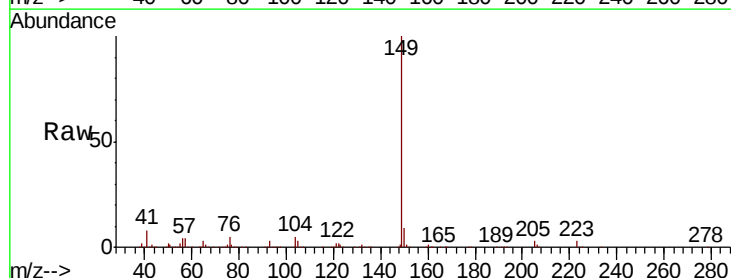
Instrument :
 BNA_F
 ClientSampleId :

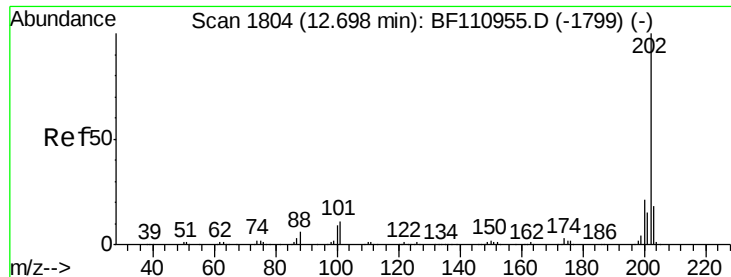
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.5	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 37.308 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 33.938 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

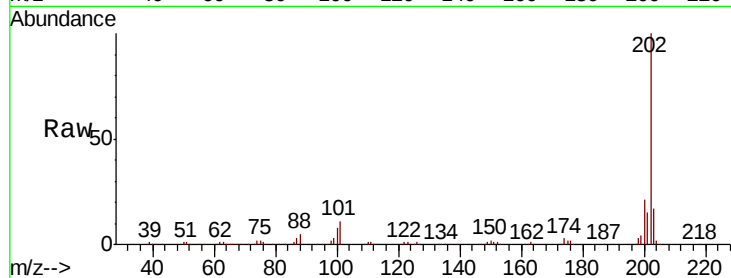
Tot Ion:202 Resp: 333808

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

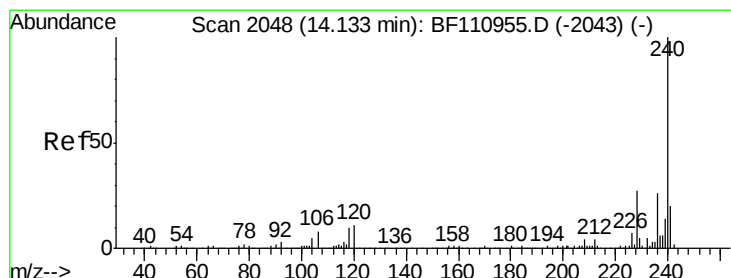
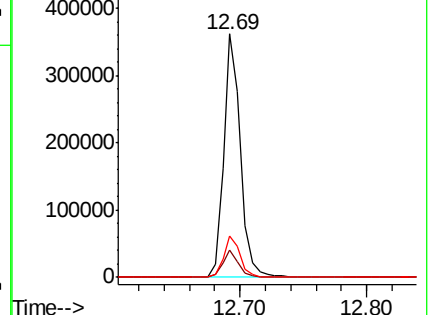
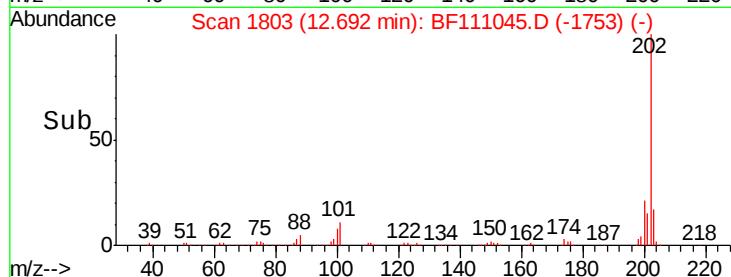
203 17.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

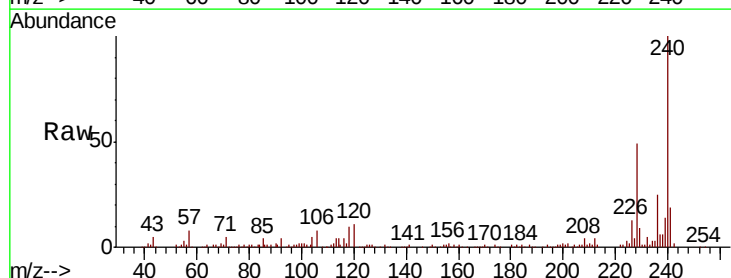
Tgt Ion:240 Resp: 103721

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

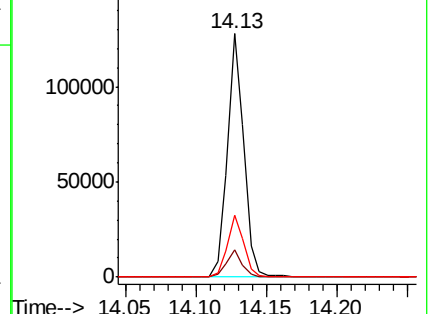
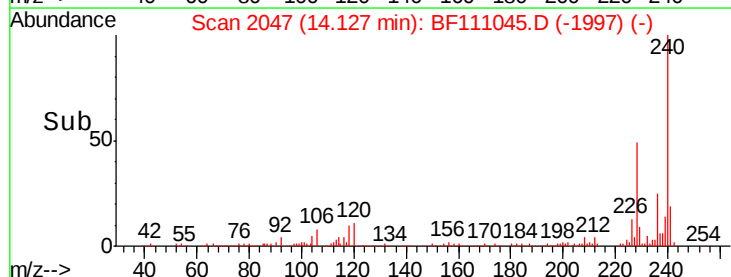
236 25.2 21.2 31.8

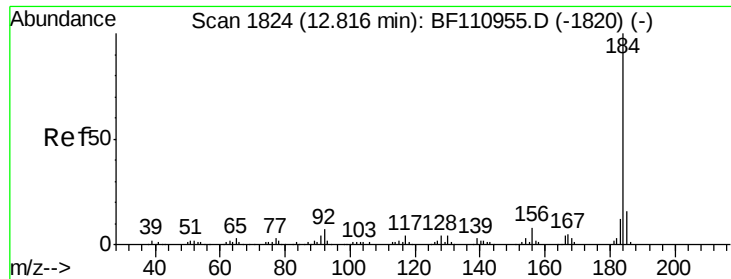


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.013 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

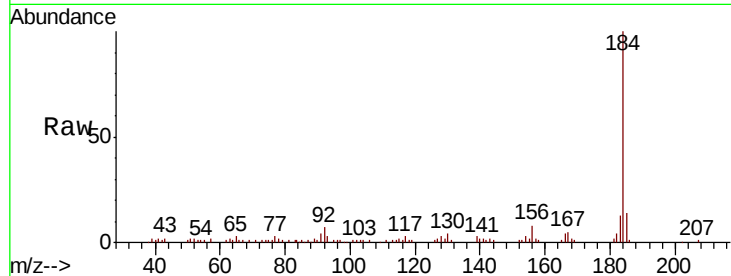
Tot Ion:184 Resp: 87582

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

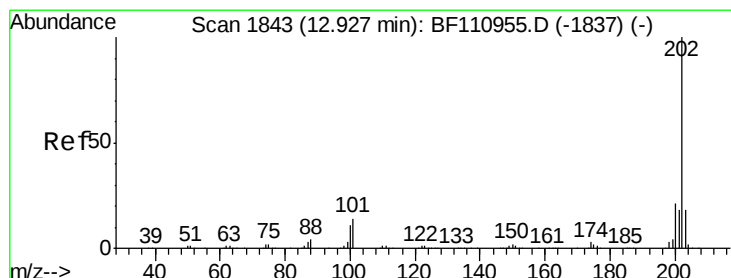
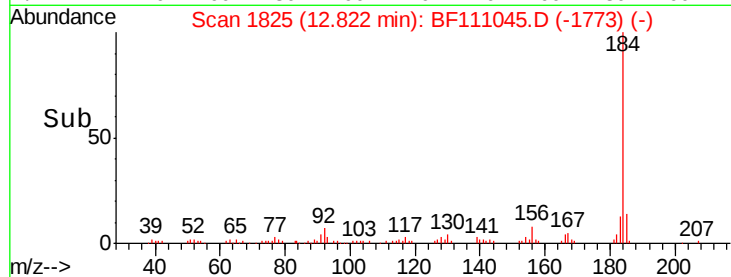
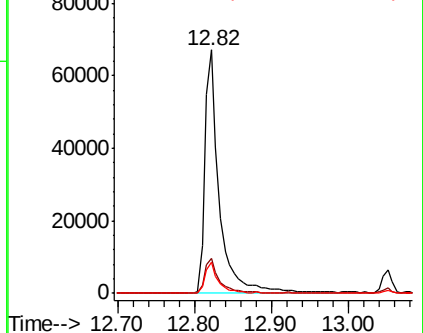
183 12.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.485 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

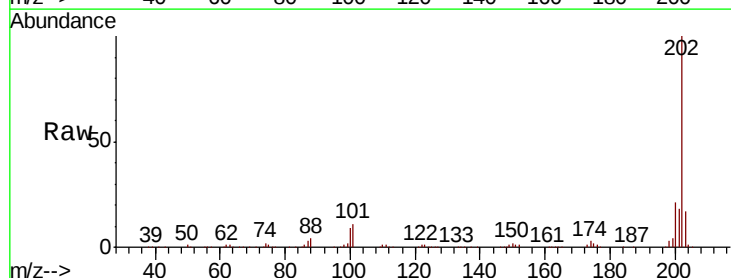
Tgt Ion:202 Resp: 329421

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

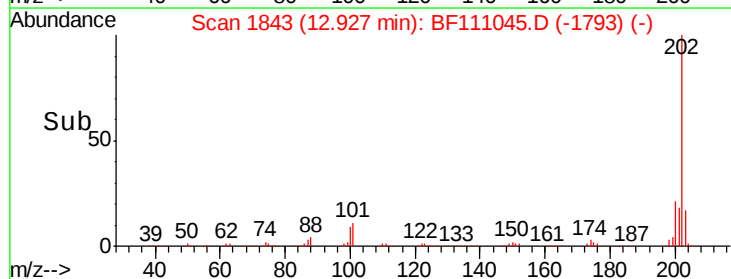
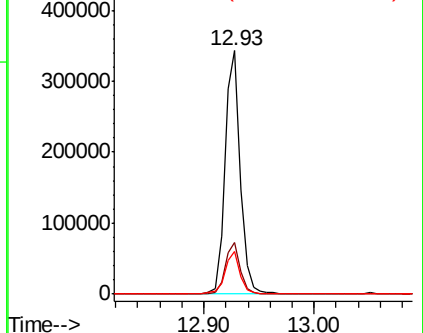
203 17.3 14.2 21.4

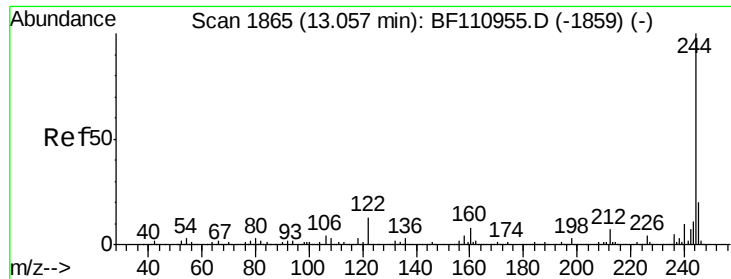


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.944 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

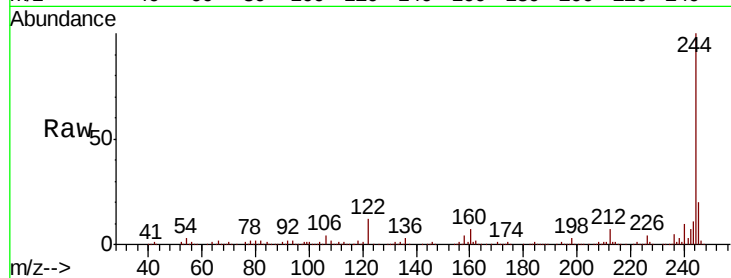
Tot Ion:244 Resp: 409972

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

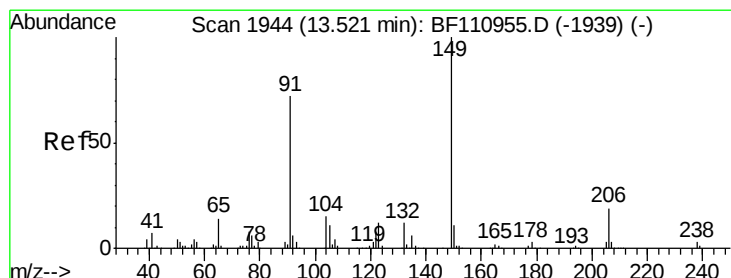
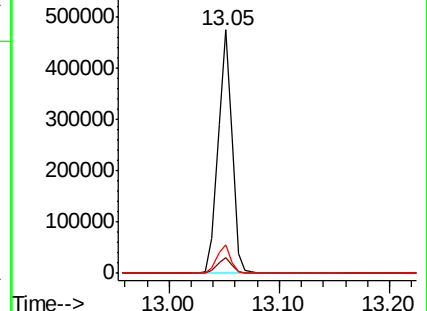
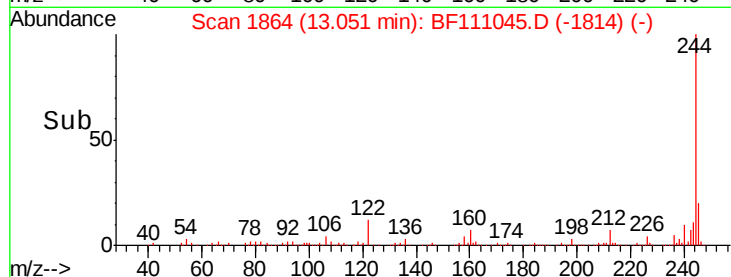
122 11.5 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.648 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

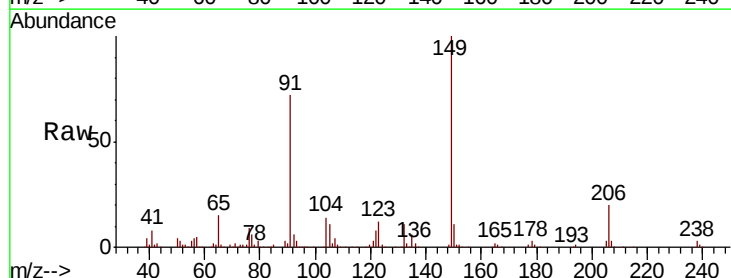
Tgt Ion:149 Resp: 132184

Ion Ratio Lower Upper

149 100

91 72.4 57.2 85.8

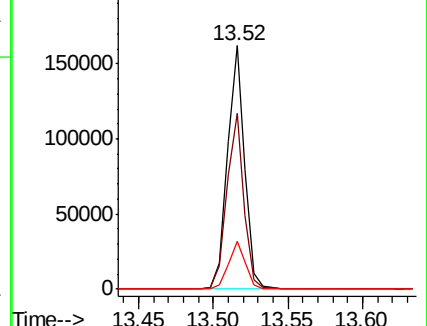
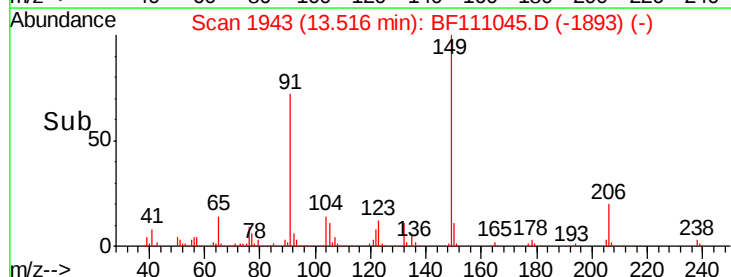
206 19.6 15.7 23.5

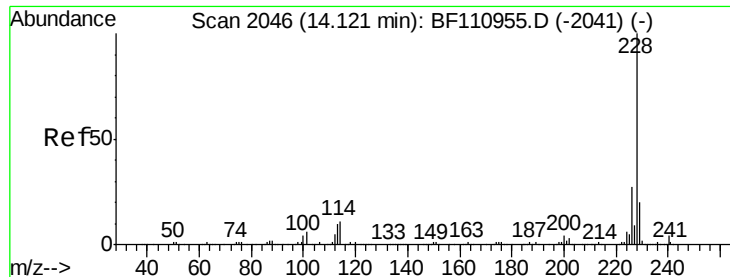


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

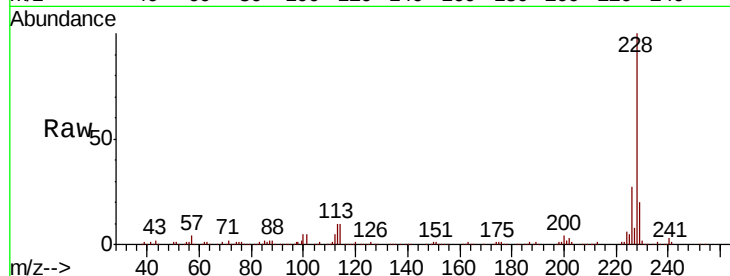




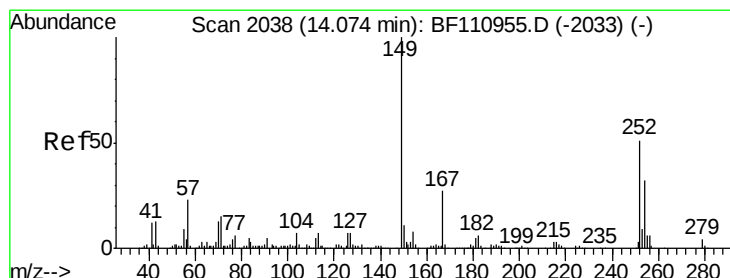
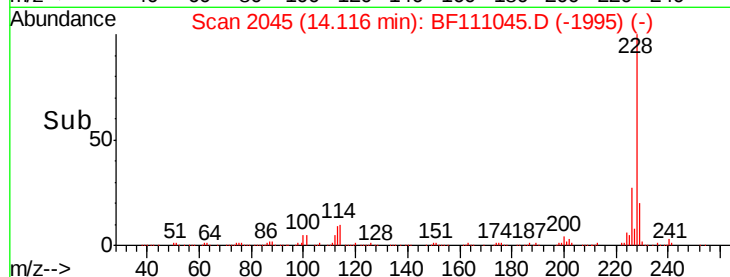
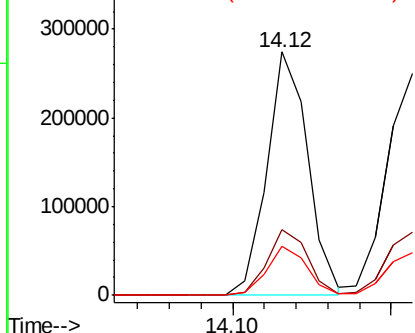
#81
Benzo(a)anthracene
Concen: 40.231 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 246355
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 15.6 23.4

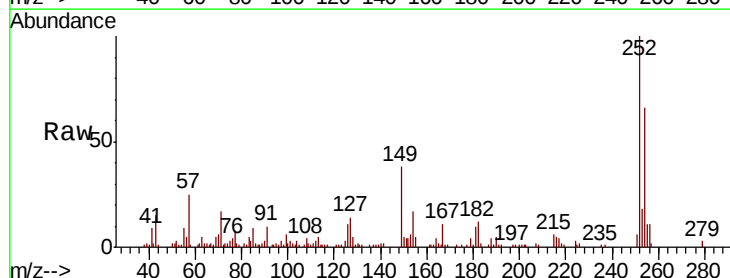


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

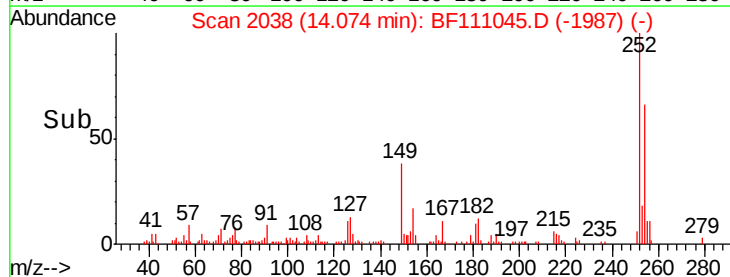
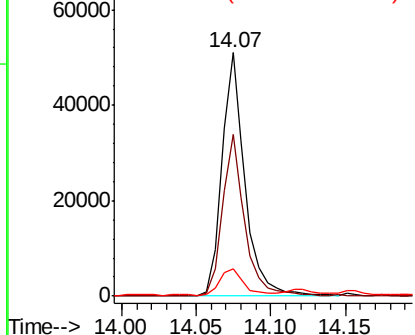


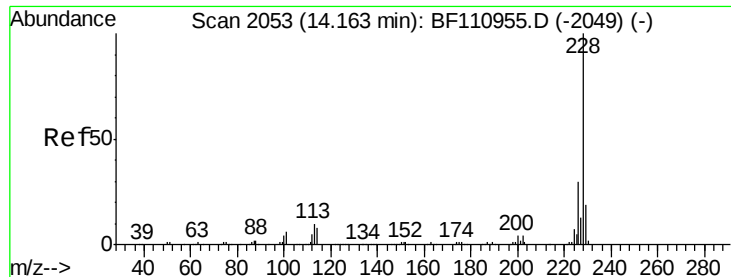
#82
3,3'-Dichlorobenzidine
Concen: 26.285 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:252 Resp: 55190
Ion Ratio Lower Upper
252 100
254 66.2 51.3 76.9
126 11.3 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.522 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

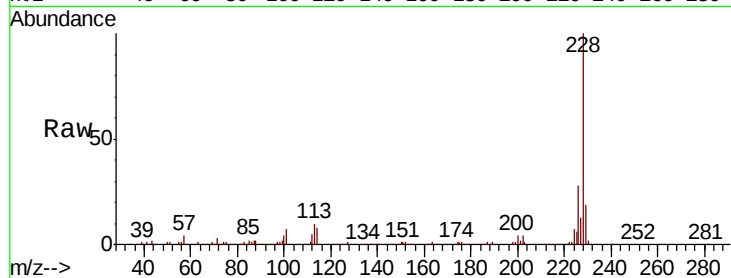
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 238241

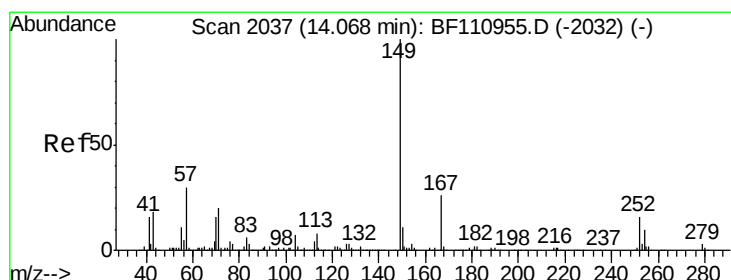
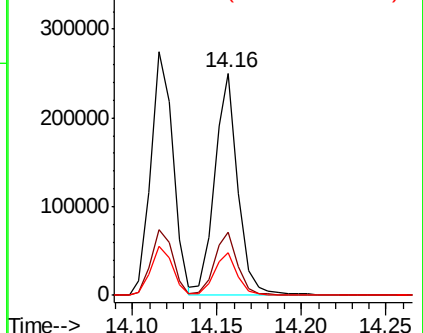
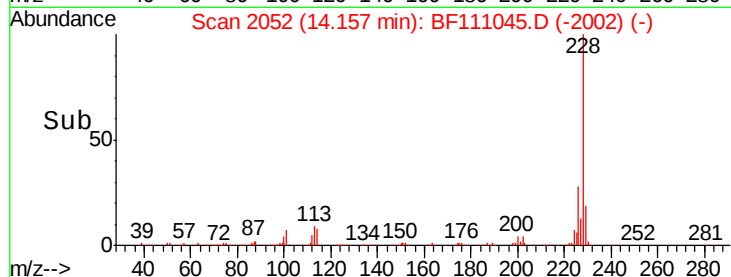
Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.7	37.1
229	19.1	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.179 ng

RT: 14.06 min Scan# 2036

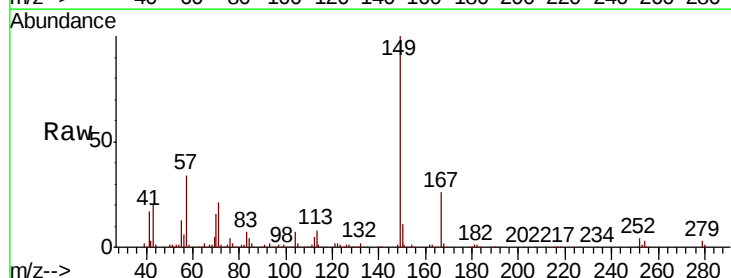
Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:149 Resp: 173995

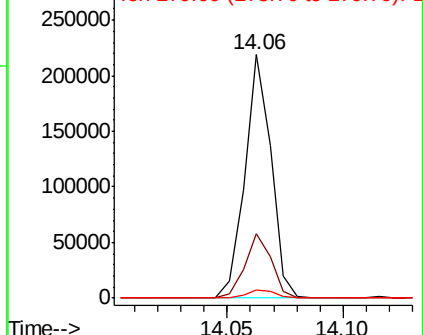
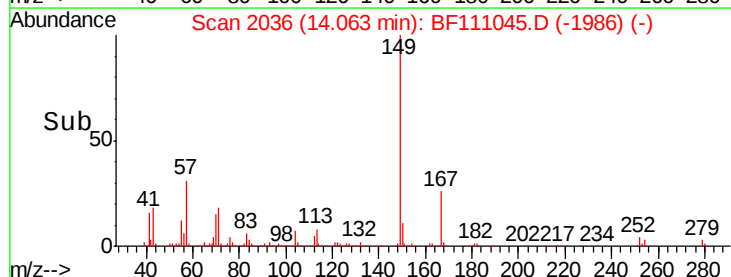
Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.3	2.7	4.1

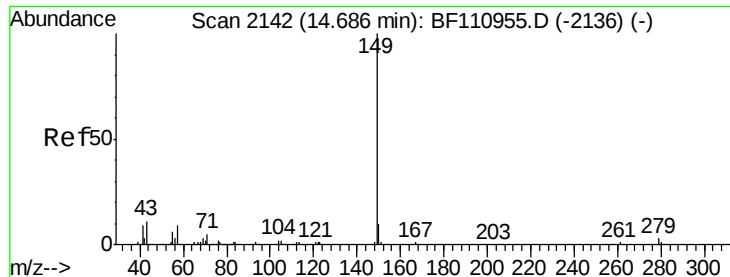


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.088 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

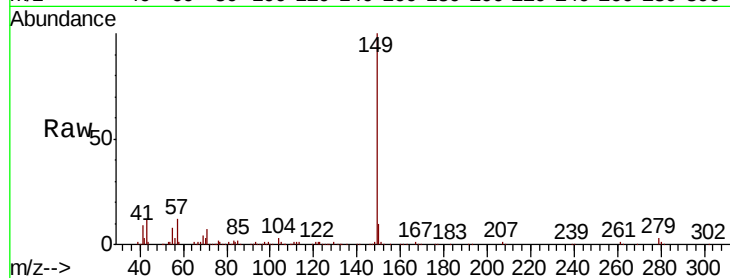
Tot Ion:149 Resp: 295584

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

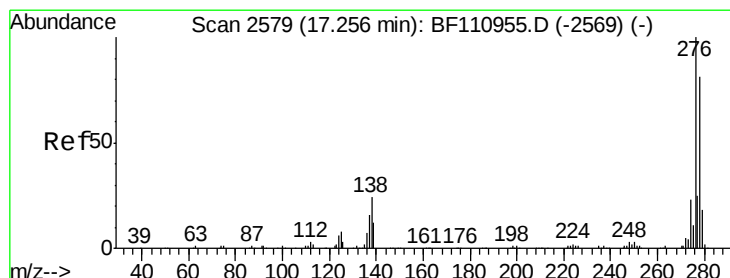
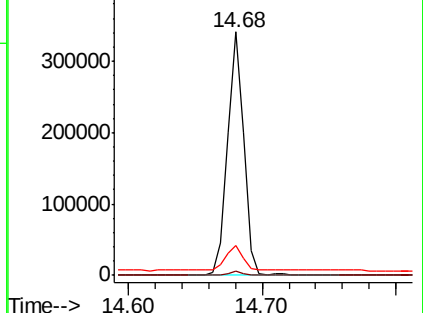
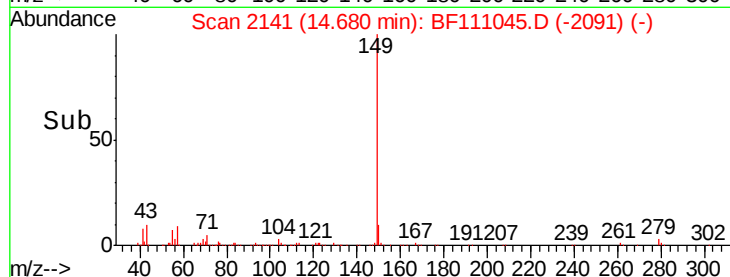
43 10.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.651 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

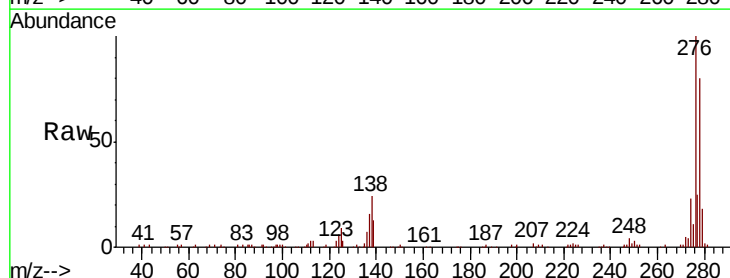
Tgt Ion:276 Resp: 271090

Ion Ratio Lower Upper

276 100

138 24.1 18.5 27.7

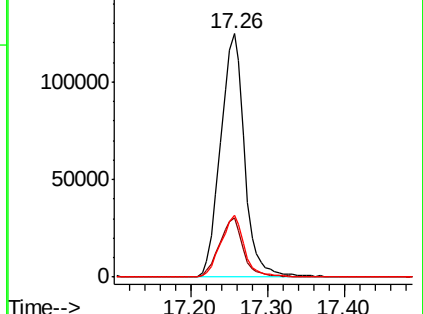
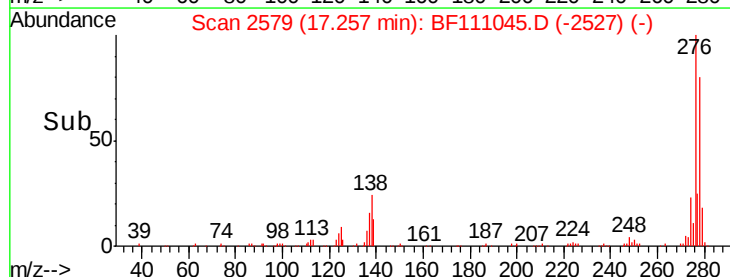
277 24.9 20.0 30.0

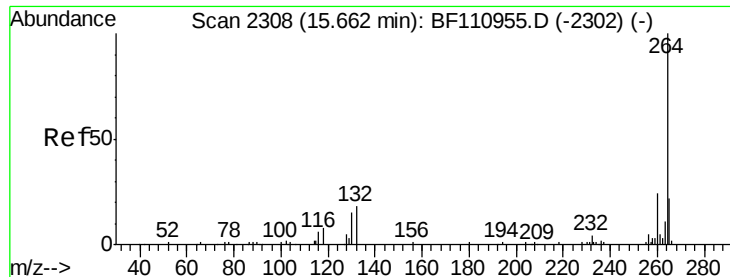


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

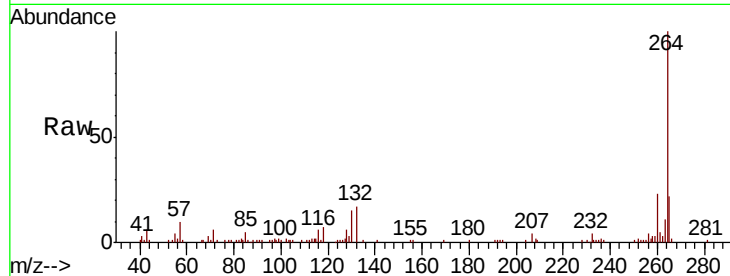
Tot Ion:264 Resp: 105711

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

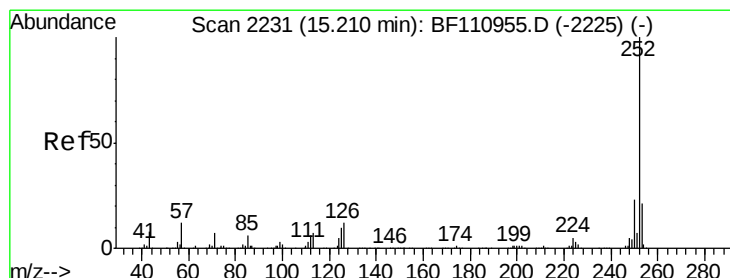
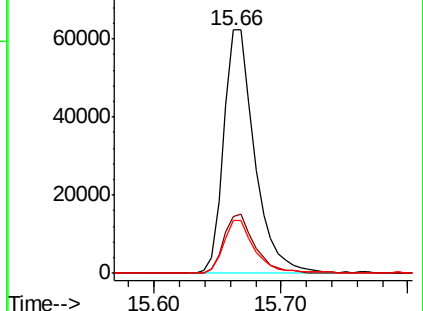
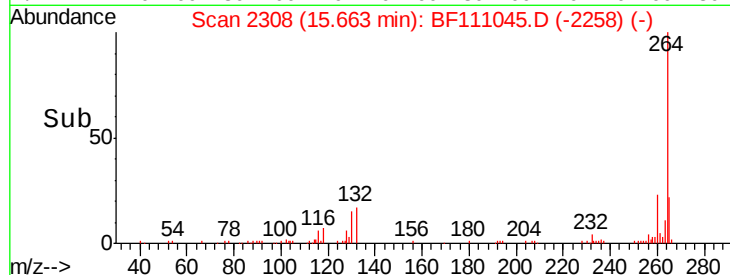
265 21.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.427 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

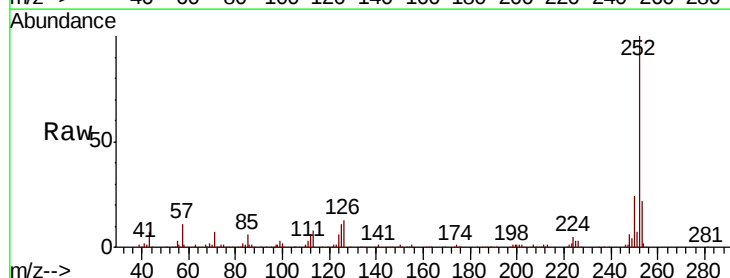
Tgt Ion:252 Resp: 244846

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

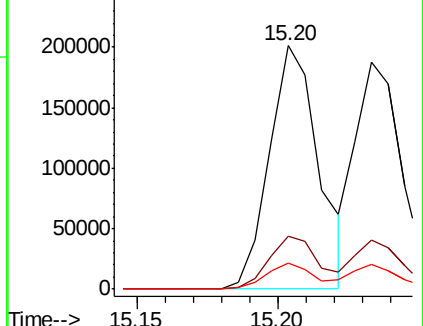
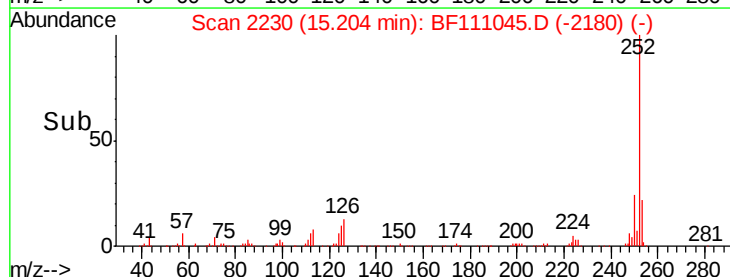
125 10.6 8.2 12.4

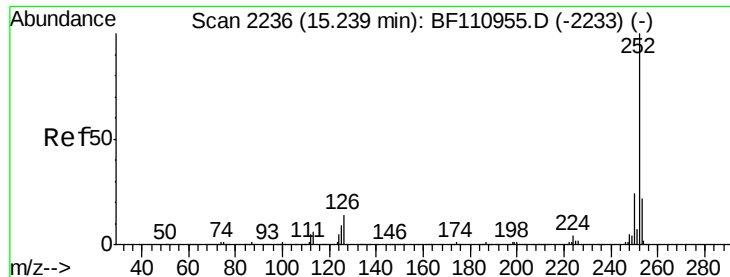


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

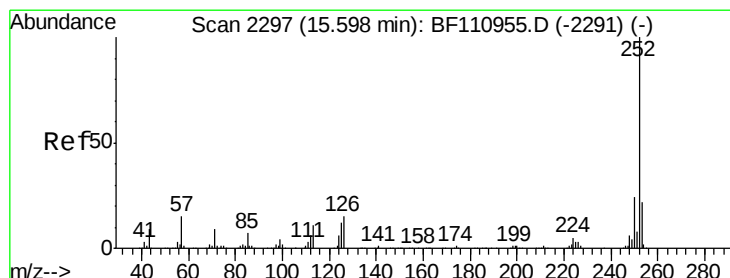
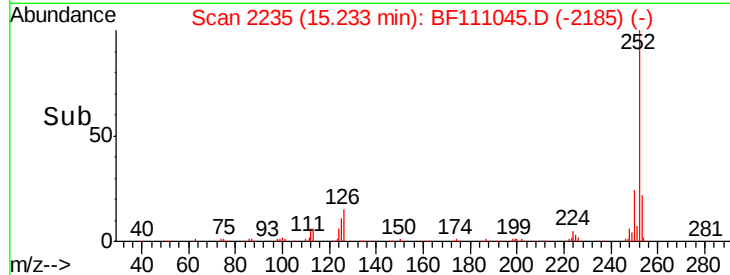
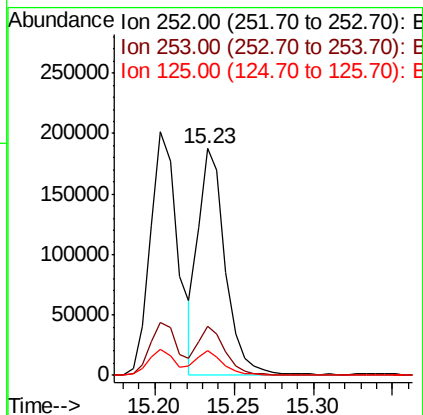
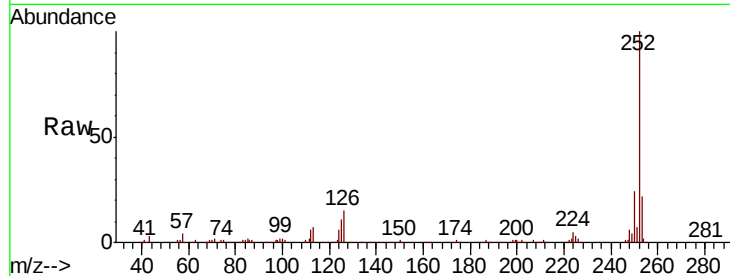




#89
Benzo(k)fluoranthene
Concen: 34.663 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

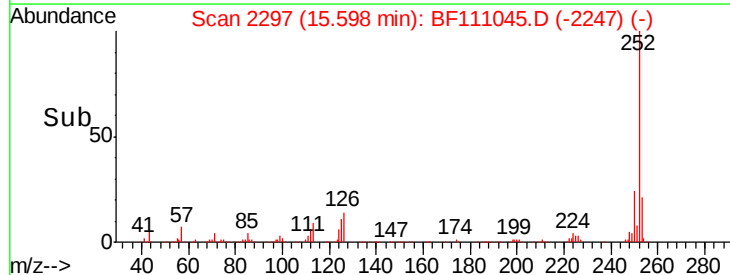
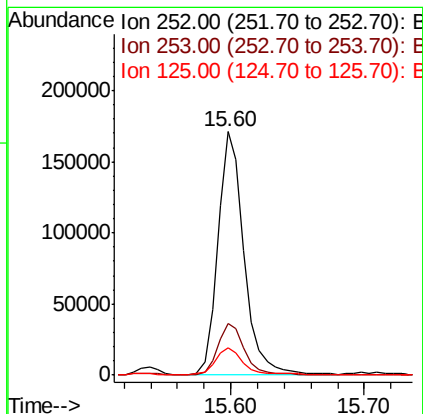
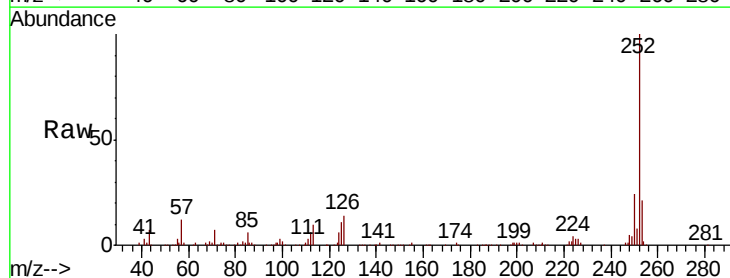
Instrument :
BNA_F
ClientSampleId :

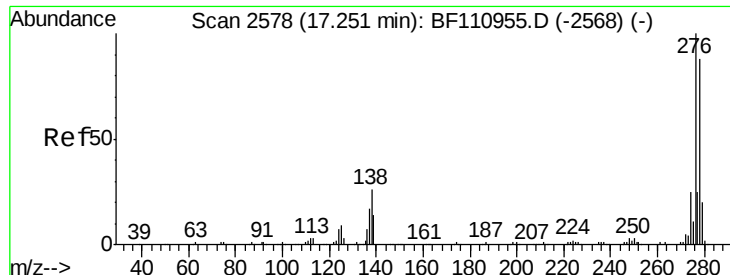
Tot Ion:252 Resp: 221567
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.885 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:252 Resp: 236338
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.536 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

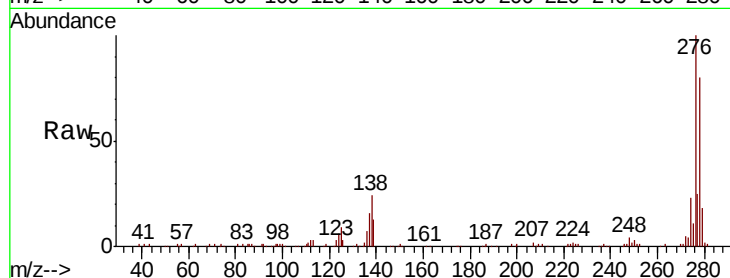
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 226718

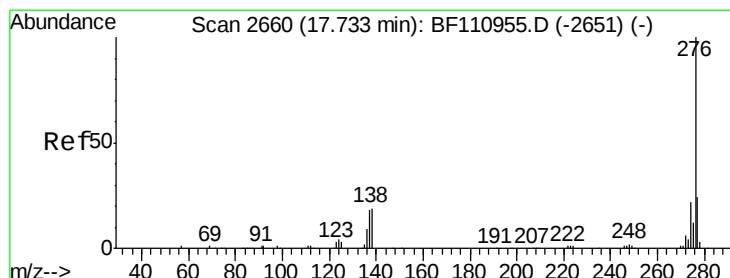
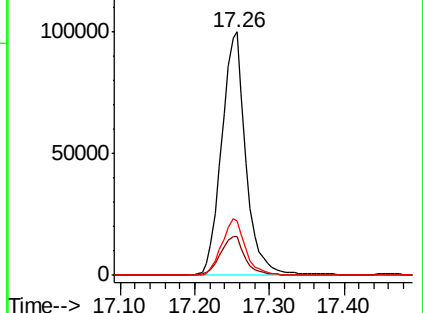
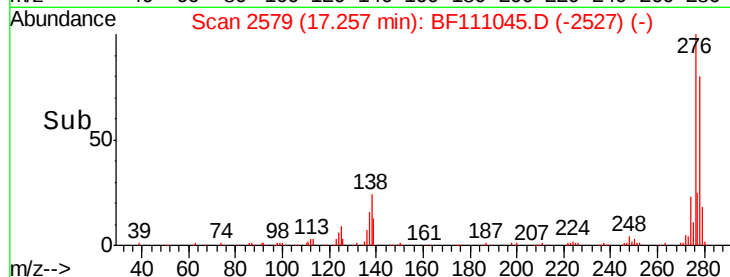
Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	22.5	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.450 ng

RT: 17.74 min Scan# 2661

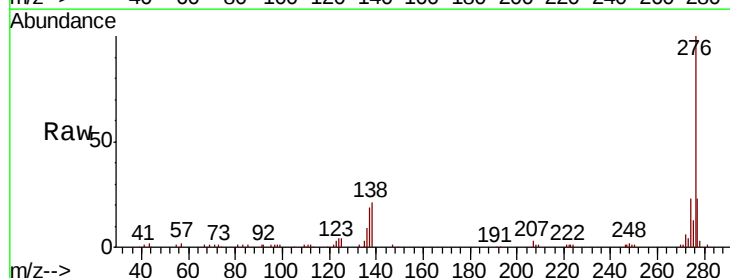
Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:276 Resp: 218206

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	20.7	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

