

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111044.D
 Acq On : 28 Nov 2018 14:38
 Operator : JU/SJ
 Sample : J6065-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 15:43:53 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	57681	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	230462	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	110428	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	193478	20.00	ng	0.00
76) Chrysene-d12	14.13	240	113130	20.00	ng	0.00
87) Perylene-d12	15.66	264	114387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	447073	128.53	ng	0.01
7) Phenol-d6	6.57	99	554670	122.37	ng	0.00
23) Nitrobenzene-d5	7.50	82	340710	84.61	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	130715	119.19	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	578839	75.94	ng	0.00
79) Terphenyl-d14	13.05	244	445557	76.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	44517	26.714	ng	88
3) Pyridine	3.61	79	118250	32.406	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	64750	38.779	ng	# 84
6) Aniline	6.61	93	102883	18.360	ng	# 57
8) 2-Chlorophenol	6.72	128	152472	36.988	ng	99
9) Benzaldehyde	6.50	77	54382	19.220	ng	98
10) Phenol	6.58	94	211689	41.469	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	133454	34.701	ng	93
12) 1,3-Dichlorobenzene	6.87	146	152959	33.777	ng	98
13) 1,4-Dichlorobenzene	6.95	146	157654	33.854	ng	99
14) 1,2-Dichlorobenzene	7.10	146	149256	34.053	ng	98
15) Benzyl Alcohol	7.08	79	127003	36.459	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	213685	34.913	ng	94
17) 2-Methylphenol	7.19	107	119263	36.388	ng	# 85
18) Hexachloroethane	7.43	117	81224	47.415	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	107115	36.278	ng	97
20) 3+4-Methylphenols	7.19	107	119109	27.338	ng	78
22) Acetophenone	7.35	105	212341	39.308	ng	# 93
24) Nitrobenzene	7.52	77	159857	38.174	ng	98
25) Isophorone	7.76	82	283522	42.922	ng	96
26) 2-Nitrophenol	7.84	139	80072	39.357	ng	96
27) 2,4-Dimethylphenol	7.87	122	136544	44.442	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	174592	39.453	ng	98
29) 2,4-Dichlorophenol	8.08	162	131241	40.820	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	129319	35.891	ng	96
31) Naphthalene	8.24	128	435677	40.329	ng	99
32) Benzoic acid	7.87	122	136544	59.775	ng	# 12
33) 4-Chloroaniline	8.30	127	44102	9.591	ng	99
34) Hexachlorobutadiene	8.34	225	71511	34.846	ng	99
35) Caprolactam	8.67	113	20608	18.775	ng	# 62
36) 4-Chloro-3-methylphenol	8.78	107	133656	37.415	ng	99
37) 2-Methylnaphthalene	8.93	142	288972	40.498	ng	99
38) 1-Methylnaphthalene	9.03	142	276667	39.862	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	123562	35.570	ng	98

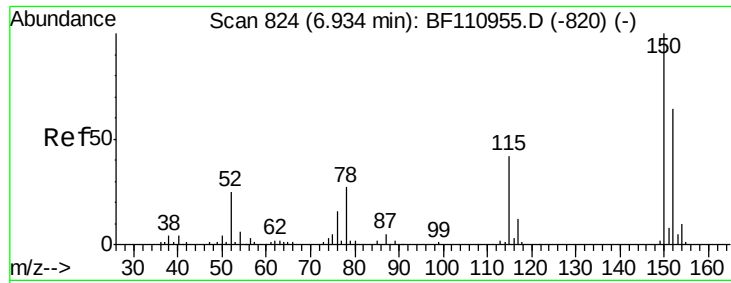
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111044.D
 Acq On : 28 Nov 2018 14:38
 Operator : JU/SJ
 Sample : J6065-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 15:43:53 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)
41) Hexachlorocyclopentadiene	9.07	237	22519	52.216	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	80454	38.779	ng	93
44) 2,4,5-Trichlorophenol	9.27	196	86779	39.724	ng	97
46) 1,1'-Biphenyl	9.39	154	349447	34.324	ng	99
47) 2-Chloronaphthalene	9.42	162	265855	36.015	ng	99
48) 2-Nitroaniline	9.53	65	87156	37.748	ng	92
49) Acenaphthylene	9.84	152	403580	38.449	ng	99
50) Dimethylphthalate	9.69	163	351431	43.393	ng	99
51) 2,6-Dinitrotoluene	9.77	165	67371	37.367	ng	97
52) Acenaphthene	10.01	154	244851	36.387	ng	96
53) 3-Nitroaniline	9.95	138	43883	20.883	ng	95
54) 2,4-Dinitrophenol	10.09	184	10076	18.800	ng	92
55) Dibenzofuran	10.18	168	355255	36.189	ng	99
56) 4-Nitrophenol	10.12	139	71022	61.815	ng	91
57) 2,4-Dinitrotoluene	10.19	165	88539	37.850	ng	96
58) Fluorene	10.53	166	292724	38.326	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	70698	39.434	ng	90
60) Diethylphthalate	10.39	149	306403	36.687	ng	100
61) 4-Chlorophenyl-phenylether	10.51	204	138003	34.544	ng	98
62) 4-Nitroaniline	10.57	138	67557	34.528	ng	98
63) Azobenzene	10.67	77	284795	34.985	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	25691	28.071	ng	81
66) n-Nitrosodiphenylamine	10.63	169	251756	39.088	ng	97
67) 4-Bromophenyl-phenylether	11.00	248	78058	37.045	ng	92
68) Hexachlorobenzene	11.08	284	80094	35.686	ng	# 93
69) Atrazine	11.16	200	79246	48.712	ng	99
70) Pentachlorophenol	11.28	266	60999	68.313	ng	99
71) Phenanthrene	11.50	178	405077	39.531	ng	100
72) Anthracene	11.55	178	411892	39.470	ng	99
73) Carbazole	11.71	167	349035	34.459	ng	99
74) Di-n-butylphthalate	12.01	149	436570	36.864	ng	99
75) Fluoranthene	12.69	202	364604	34.619	ng	99
77) Benzidine	12.82	184	91249	31.534	ng	95
78) Pyrene	12.93	202	358880	43.434	ng	96
80) Butylbenzylphthalate	13.52	149	141934	38.047	ng	99
81) Benzo(a)anthracene	14.12	228	267198	40.005	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	54705	23.887	ng	99
83) Chrysene	14.16	228	253561	38.565	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	188230	37.867	ng	97
85) Di-n-octyl phthalate	14.68	149	314112	40.032	ng	# 88
86) Indeno(1,2,3-cd)pyrene	17.26	276	299605	63.482	ng	99
88) Benzo(b)fluoranthene	15.20	252	256085	38.109	ng	99
89) Benzo(k)fluoranthene	15.24	252	243686	35.232	ng	99
90) Benzo(a)pyrene	15.60	252	251239	40.166	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	249074	48.262	ng	97
92) Benzo(g,h,i)perylene	17.74	276	249350	50.110	ng	99

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

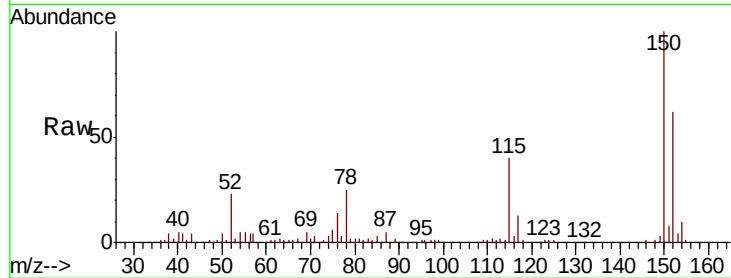


#1

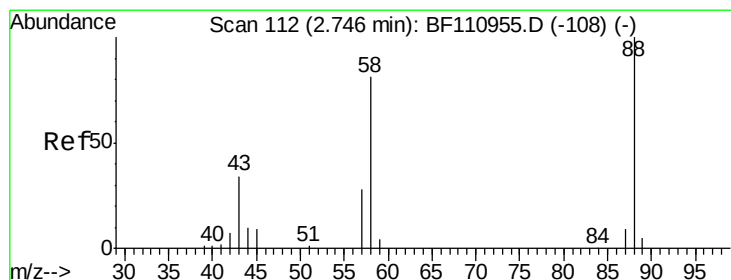
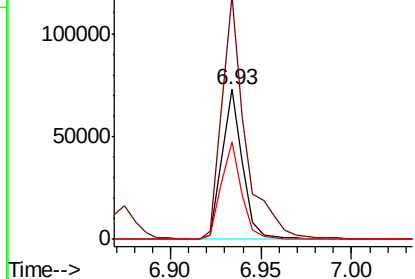
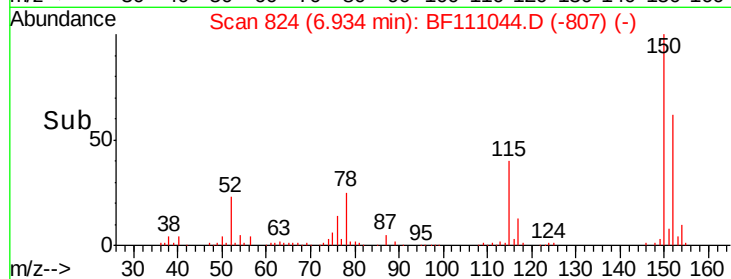
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57681
Ion Ratio Lower Upper
152 100
150 162.2 122.7 184.1
115 64.8 49.1 73.7



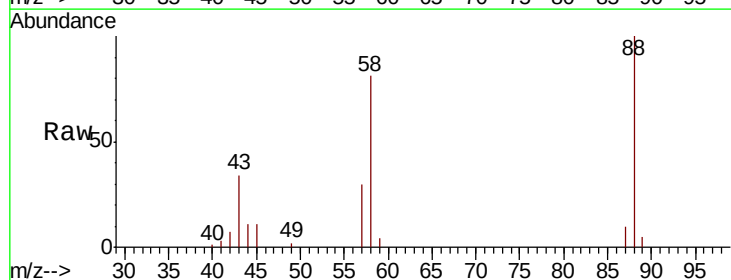
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



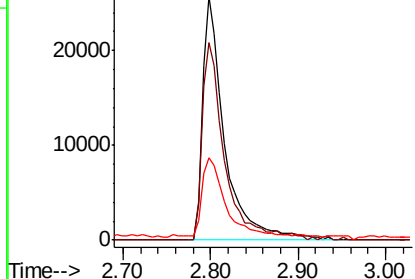
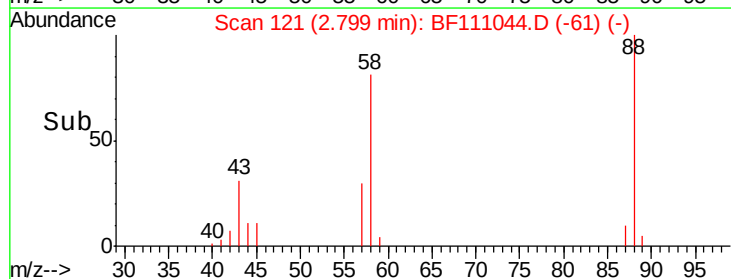
#2

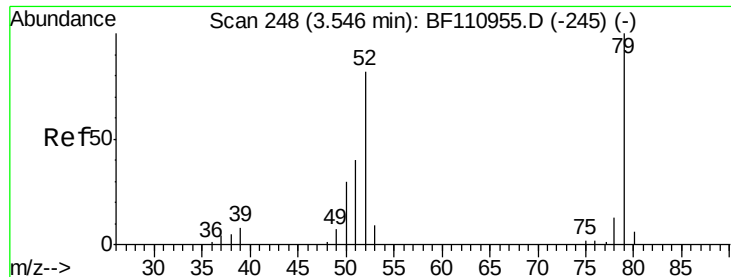
1,4-Dioxane
Concen: 26.714 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.05 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion: 88 Resp: 44517
Ion Ratio Lower Upper
88 100
58 83.2 57.1 85.7
43 33.6 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

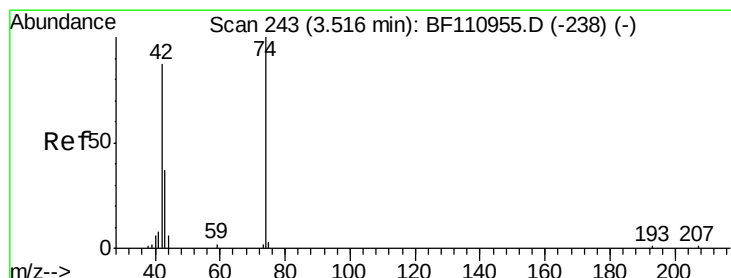
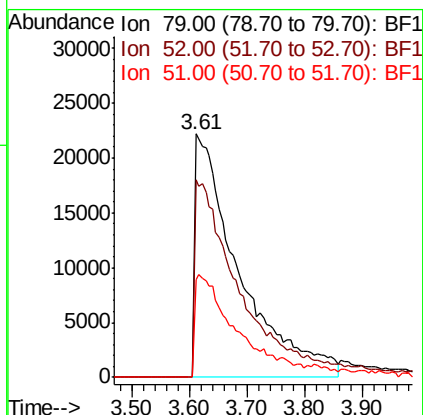
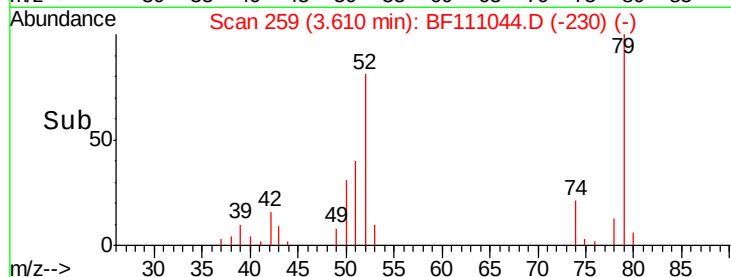
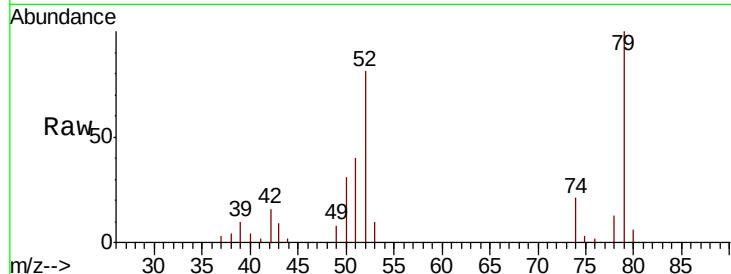




#3
 Pvridine
 Concen: 32.406 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.07 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

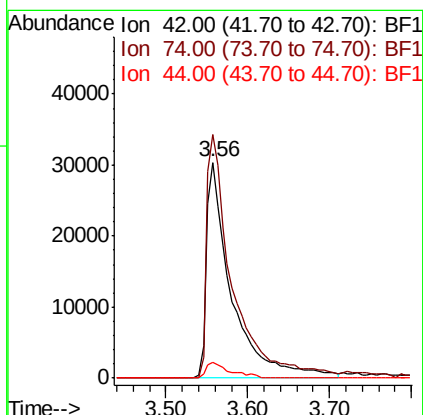
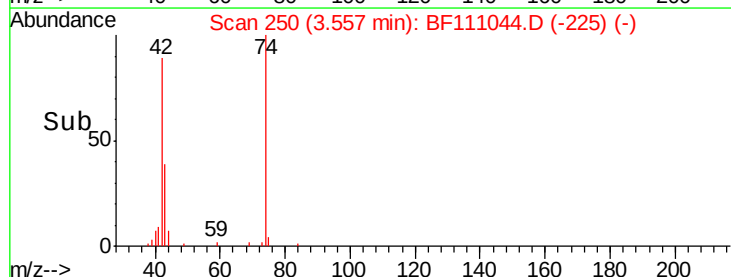
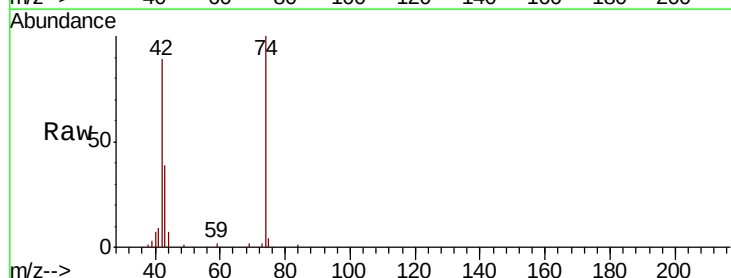
Instrument :
 BNA_F
 ClientSampled :

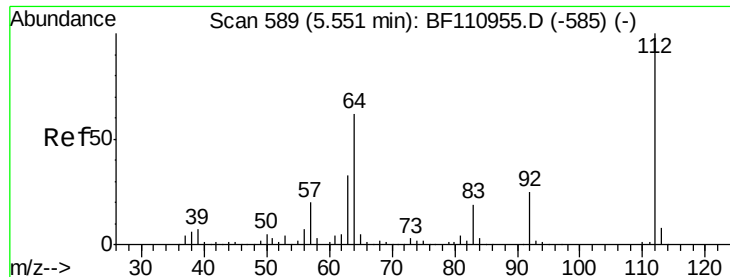
Tot Ion: 79 Resp: 118250
 Ion Ratio Lower Upper
 79 100
 52 80.9 53.1 79.7#
 51 40.1 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 38.779 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.05 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion: 42 Resp: 64750
 Ion Ratio Lower Upper
 42 100
 74 112.8 105.5 158.3
 44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 128.532 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

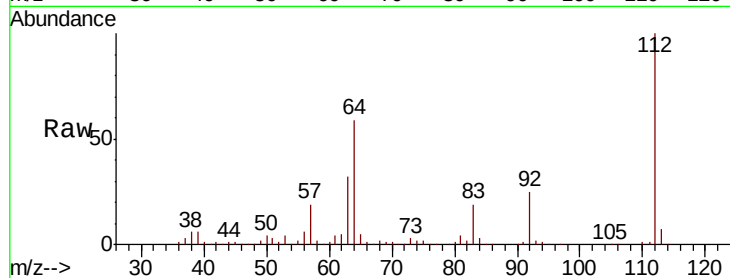
Tot Ion:112 Resp: 447073

Ion Ratio Lower Upper

112 100

64 59.4 44.1 66.1

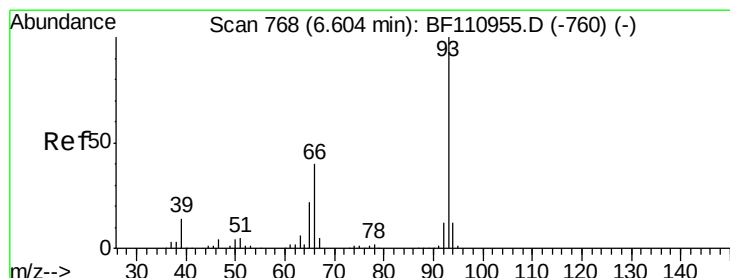
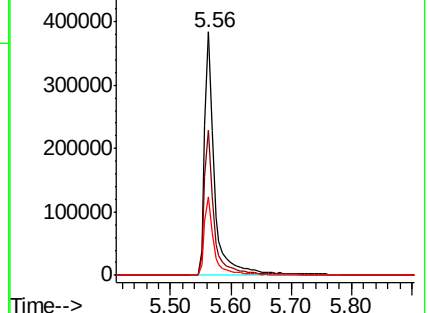
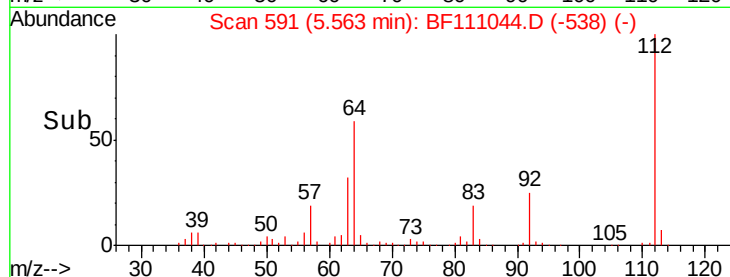
63 32.1 23.7 35.5



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: 18.360 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

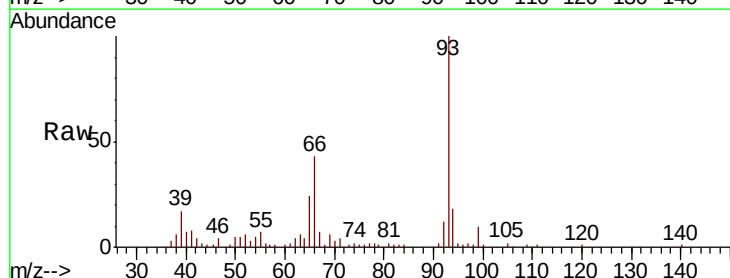
Tgt Ion: 93 Resp: 102883

Ion Ratio Lower Upper

93 100

66 43.3 67.4 101.0#

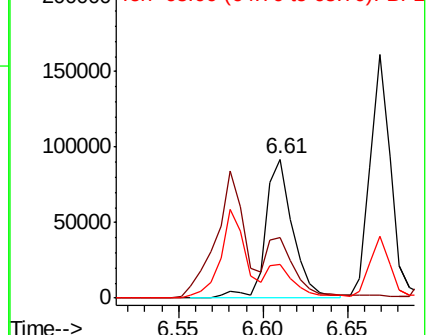
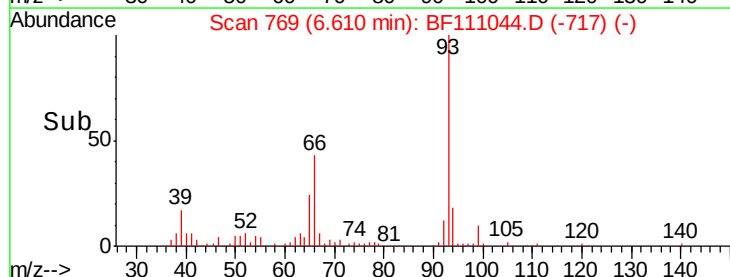
65 23.9 41.0 61.4#

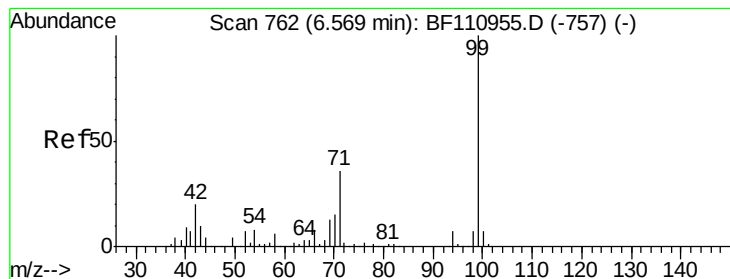


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.368 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

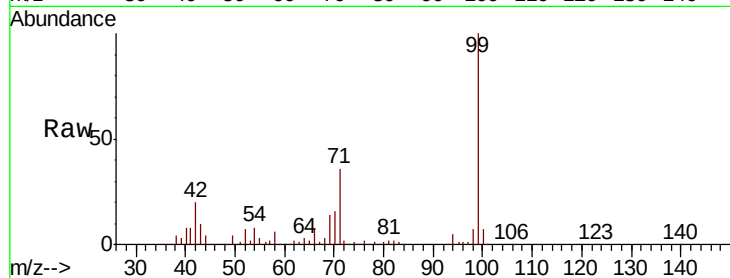
Tot Ion: 99 Resp: 554670

Ion Ratio Lower Upper

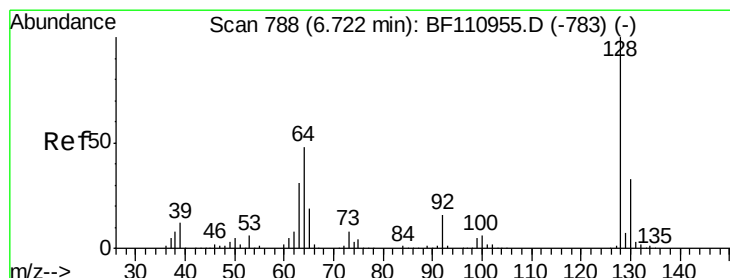
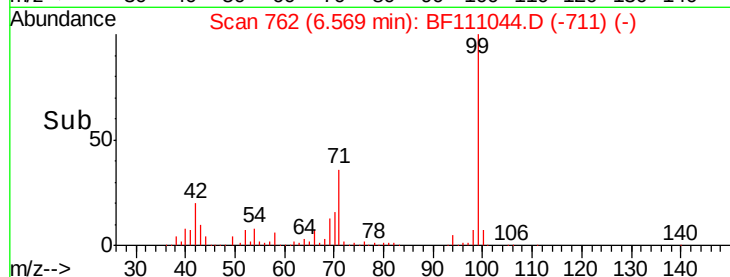
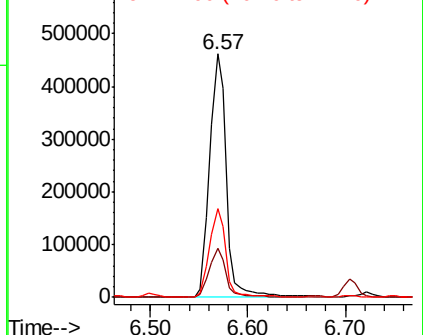
99 100

42 20.3 15.8 23.6

71 36.4 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: 36.988 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

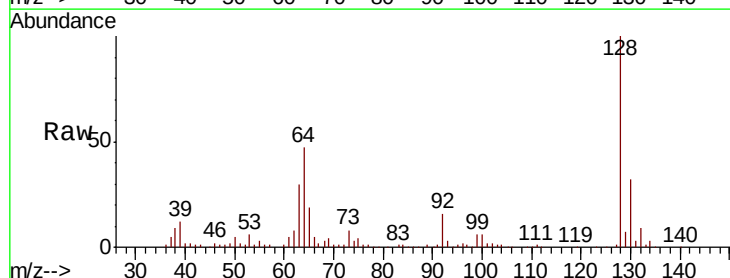
Tgt Ion:128 Resp: 152472

Ion Ratio Lower Upper

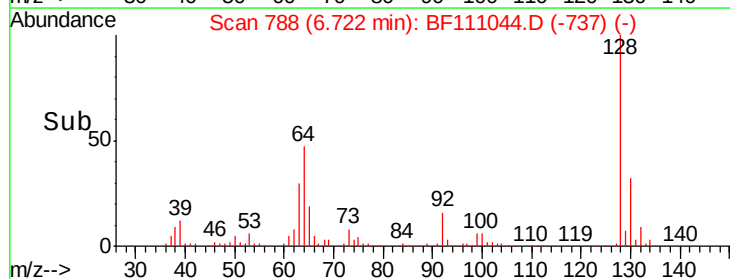
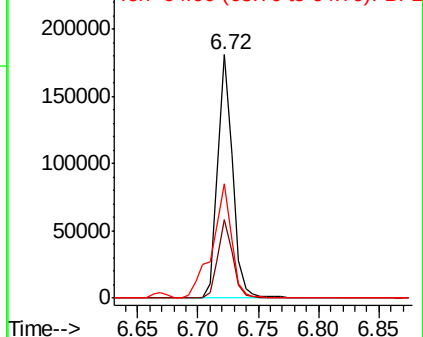
128 100

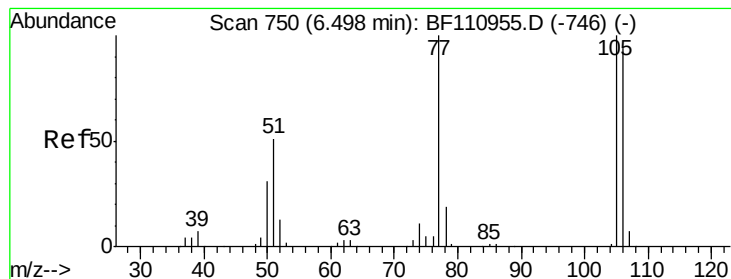
130 32.4 13.1 53.1

64 47.0 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: 19.220 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

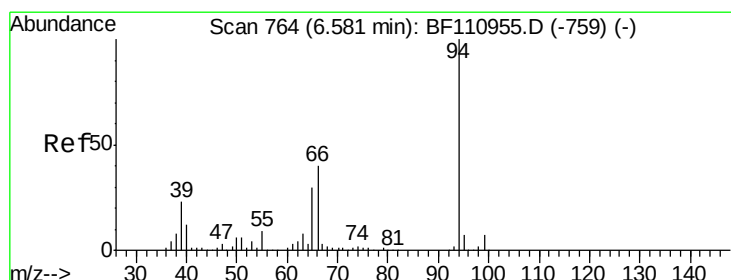
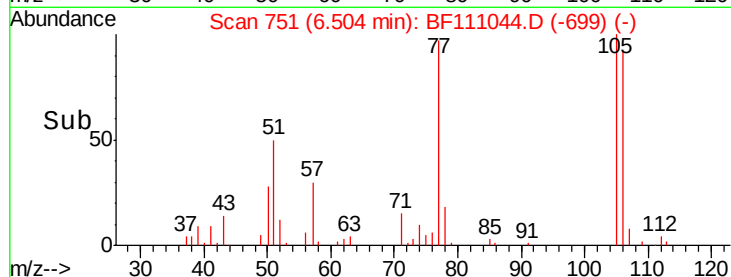
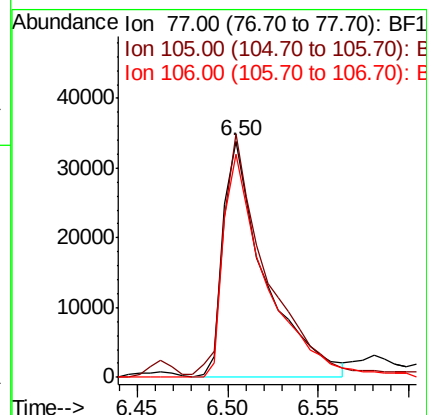
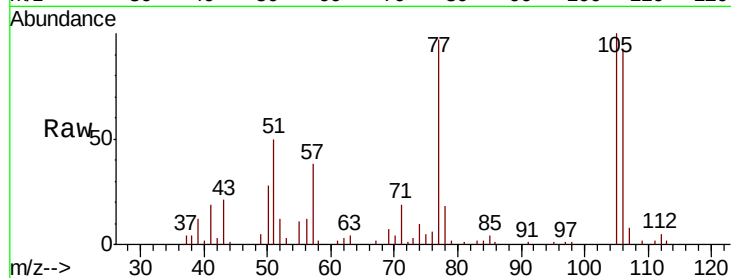
Tot Ion: 77 Resp: 54382

Ion Ratio Lower Upper

77 100

105 103.0 78.6 118.6

106 94.5 74.8 114.8



#10

Phenol

Concen: 41.469 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

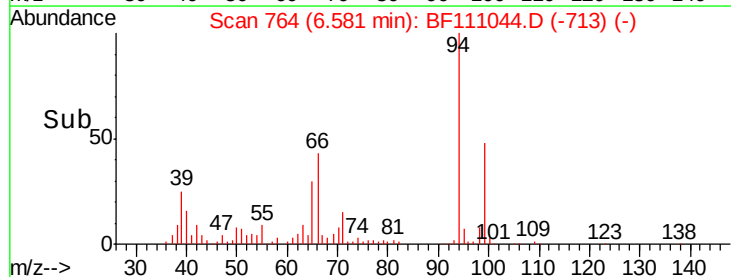
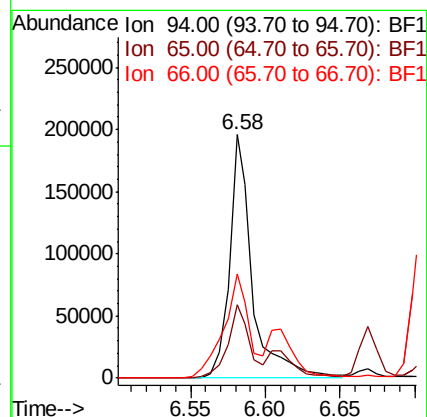
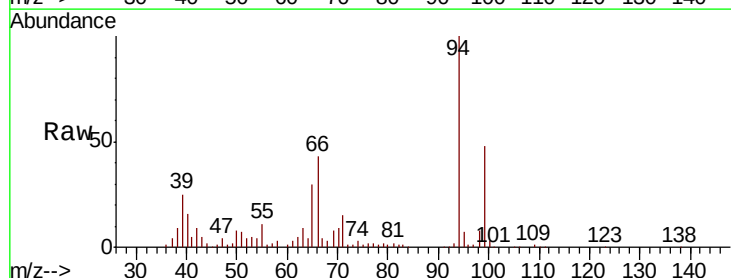
Tgt Ion: 94 Resp: 211689

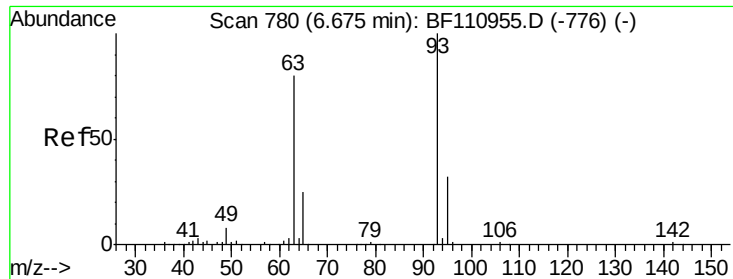
Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

66 42.9 54.5 94.5#

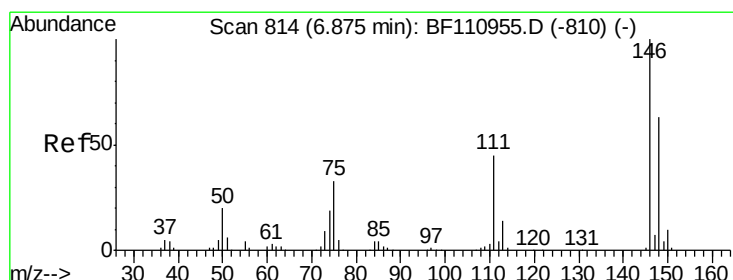
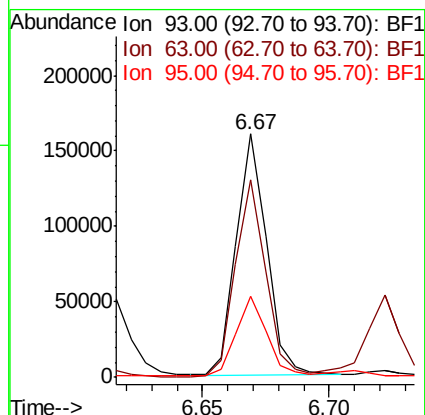
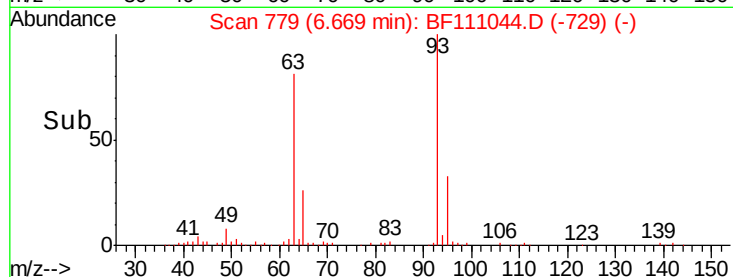
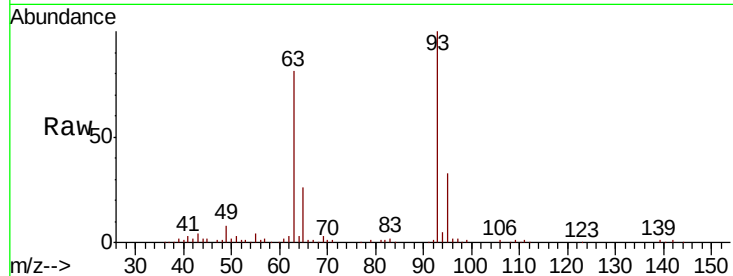




#11
bis(2-Chloroethyl)ether
Concen: 34.701 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

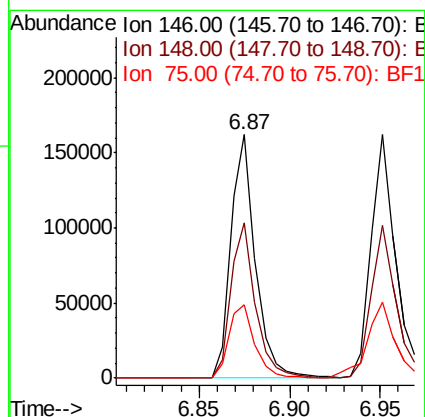
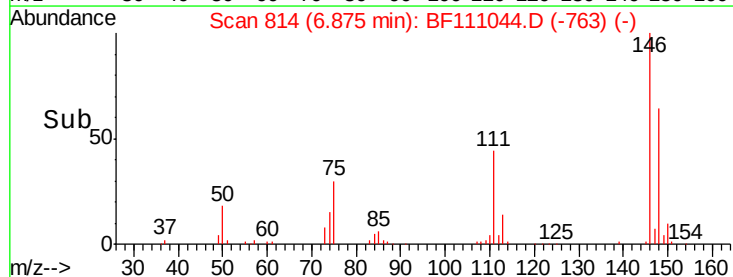
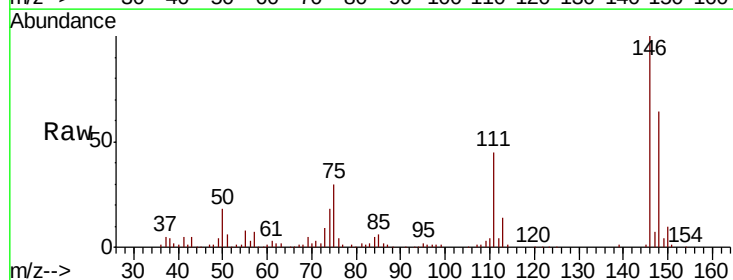
Instrument :
BNA_F
ClientSampleId :

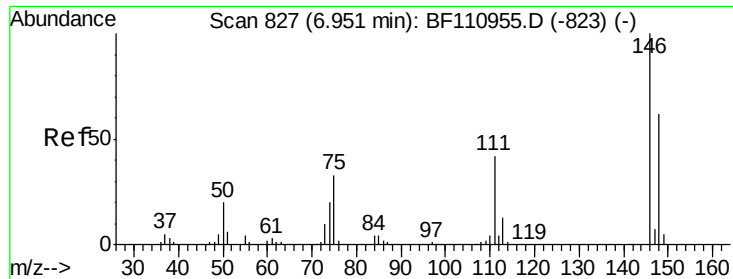
Tot Ion: 93 Resp: 133454
Ion Ratio Lower Upper
93 100
63 81.0 53.4 93.4
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.777 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion: 146 Resp: 152959
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 30.4 25.8 38.6

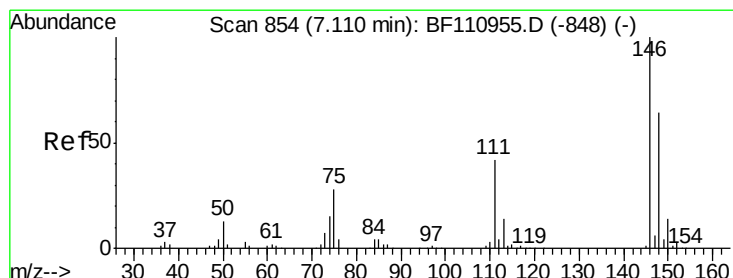
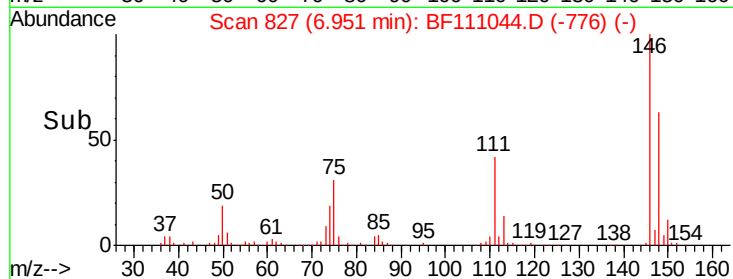
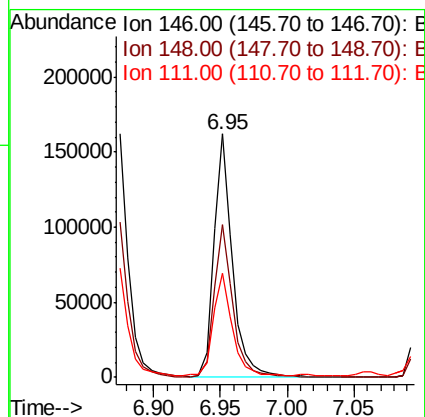
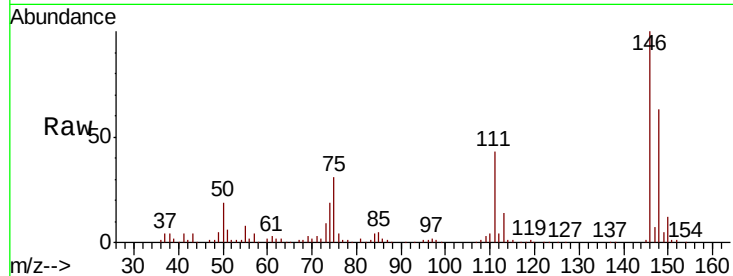




#13
 1,4-Dichlorobenzene
 Concen: 33.854 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

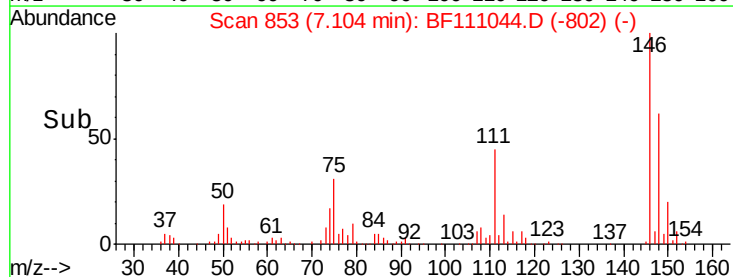
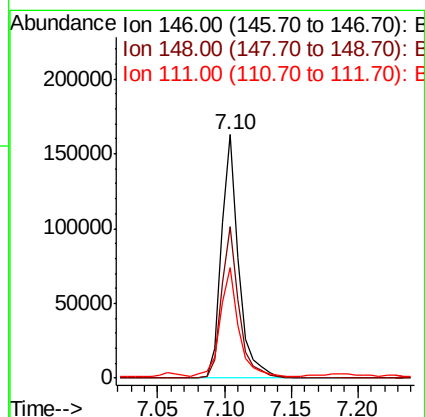
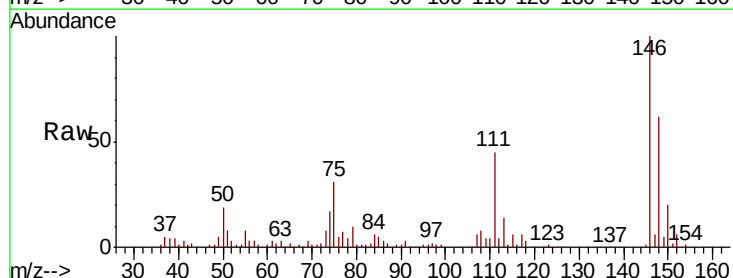
Instrument :
 BNA_F
 ClientSampleId :

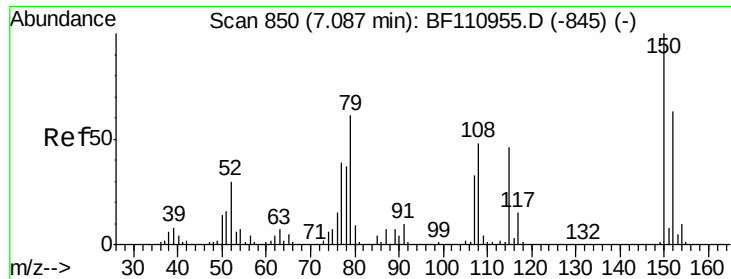
Tot Ion:146 Resp: 157654
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.3 75.5
 111 42.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 34.053 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion:146 Resp: 149256
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.1 76.7
 111 45.2 35.8 53.6

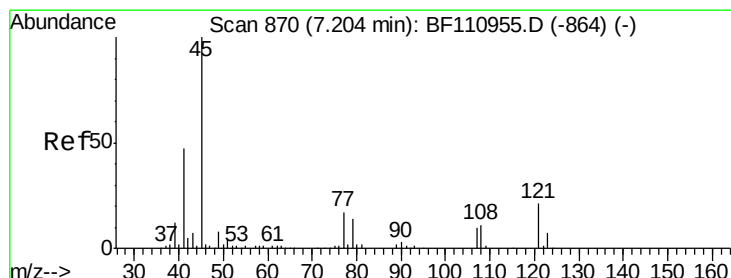
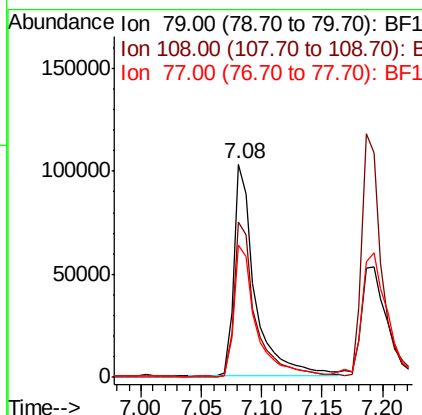
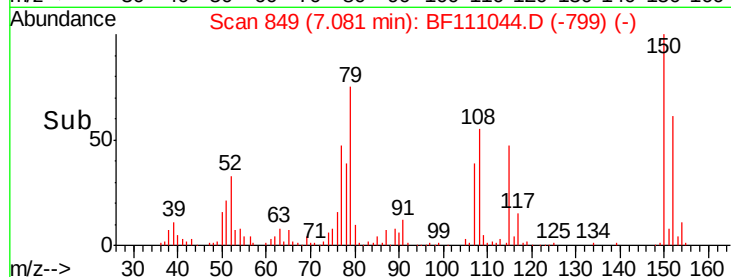
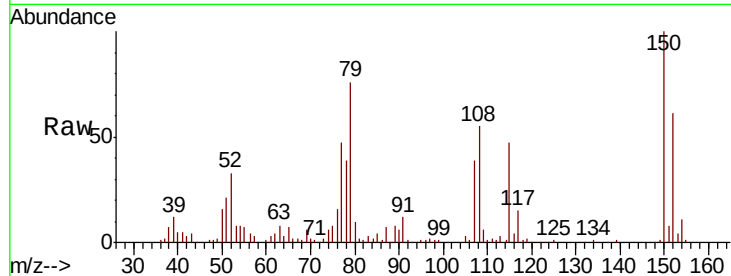




#15
Benzyl Alcohol
Concen: 36.459 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

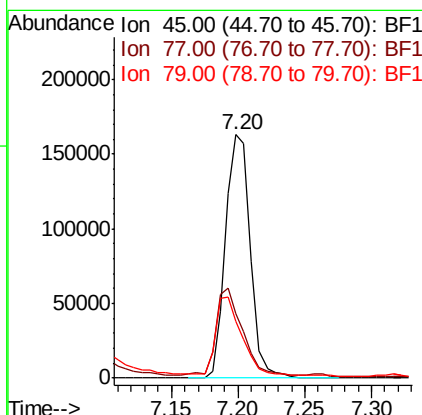
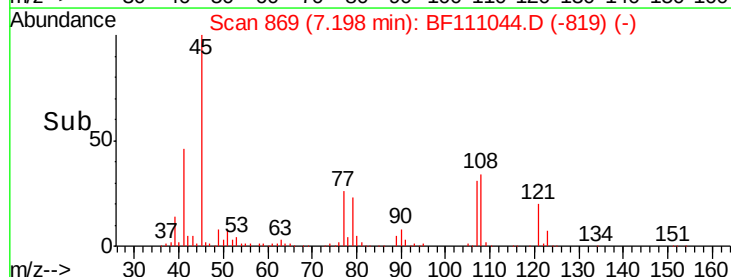
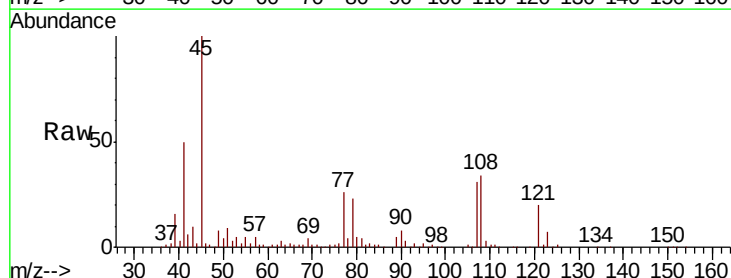
Instrument :
BNA_F
ClientSampled :

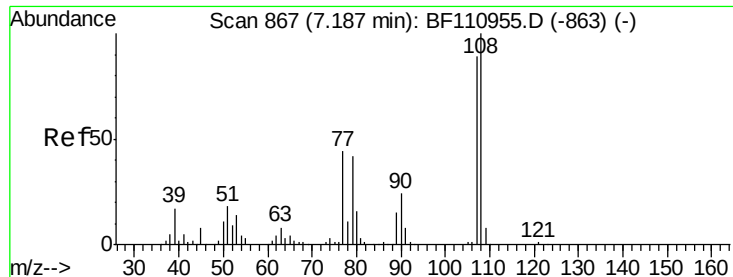
Tot Ion: 79 Resp: 127003
Ion Ratio Lower Upper
79 100
108 72.5 56.3 84.5
77 62.2 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.913 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion: 45 Resp: 213685
Ion Ratio Lower Upper
45 100
77 26.2 10.0 50.0
79 23.2 6.1 46.1

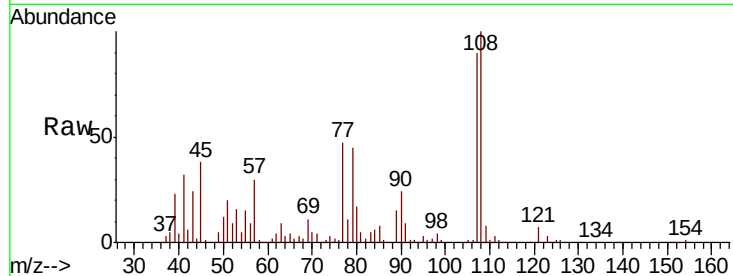




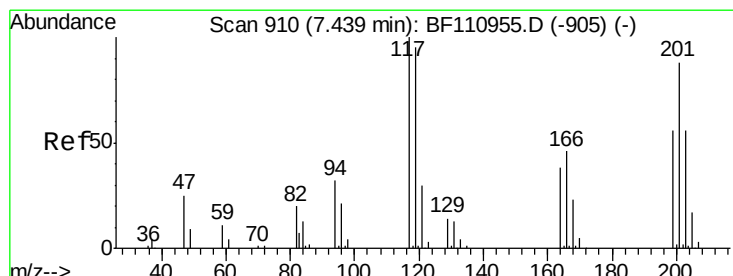
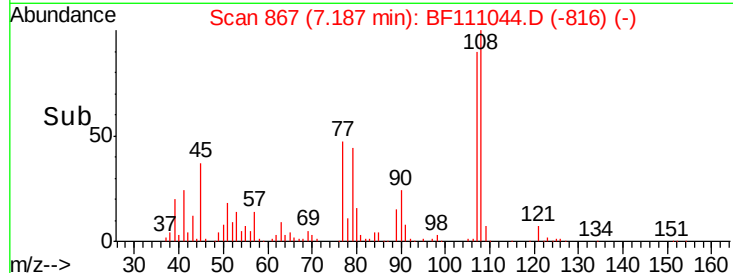
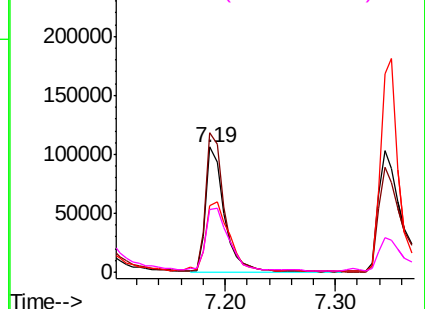
#17
2-Methylphenol
Concen: 36.388 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 119263
Ion Ratio Lower Upper
107 100
108 111.4 92.6 138.8
77 52.9 59.4 89.2#
79 50.2 54.0 81.0#

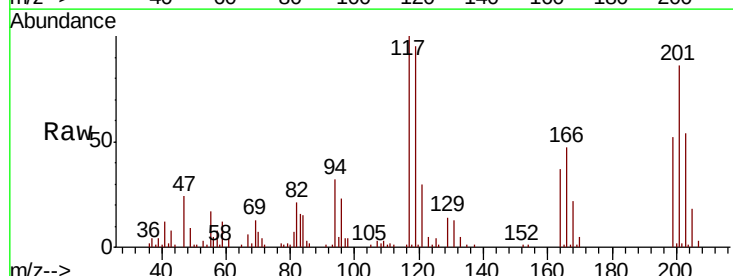


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

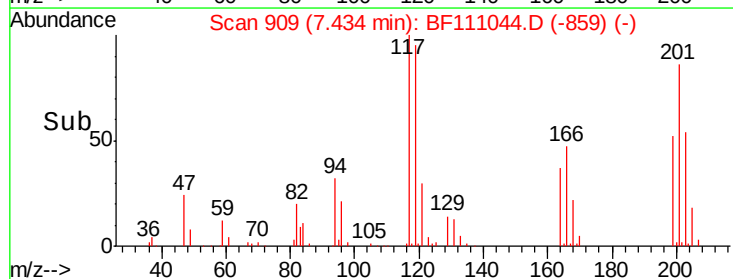
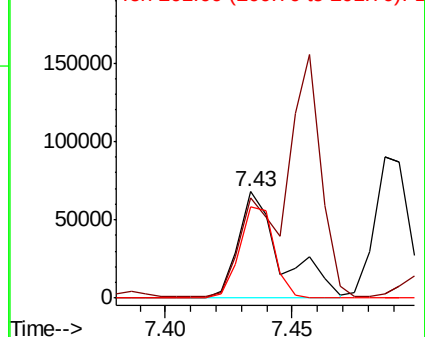


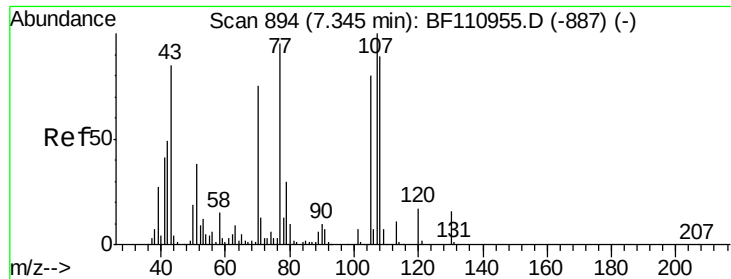
#18
Hexachloroethane
Concen: 47.415 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:117 Resp: 81224
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.6
201 85.8 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

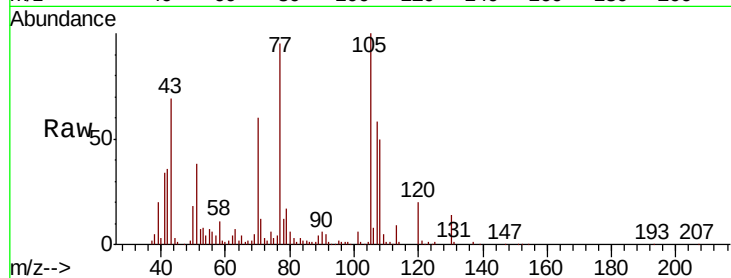




#19
n-Nitroso-di-n-propylamine
Concen: 36.278 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.4	71.2
101	9.5	7.3	10.9
130	22.9	16.2	24.2



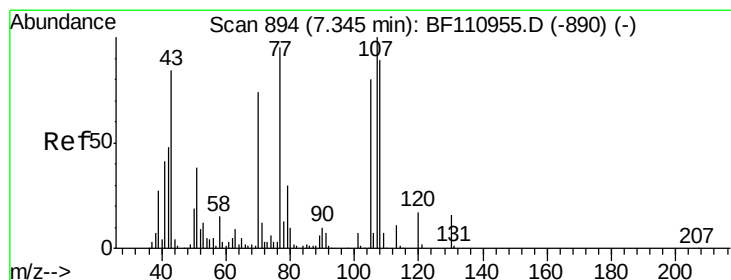
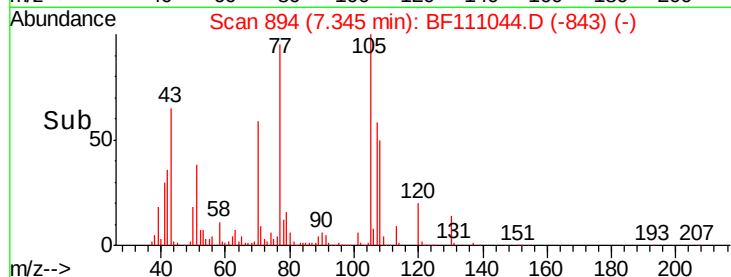
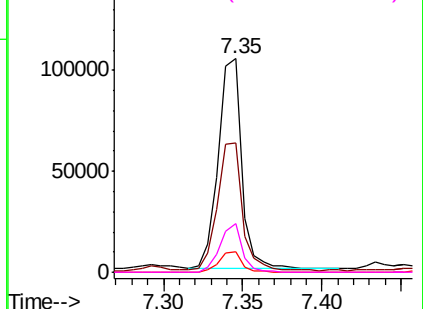
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 27.338 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.16 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.4	71.4	111.4
77	52.9	47.3	87.3
79	50.2	10.9	50.9

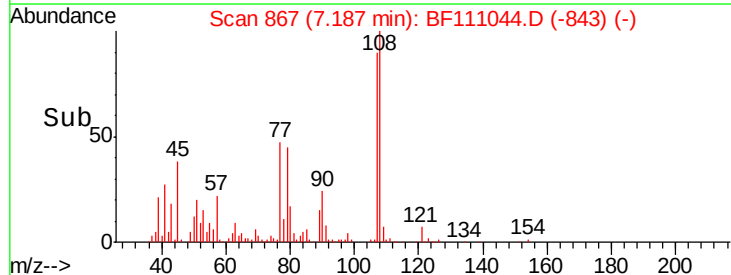
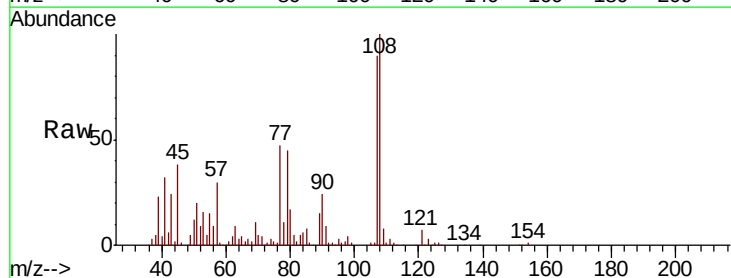
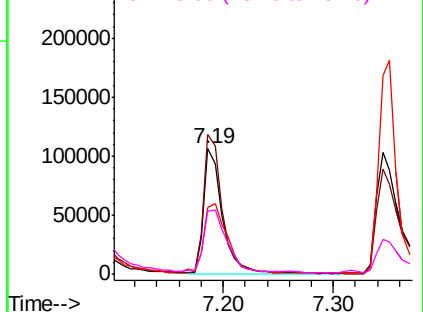
Abundance

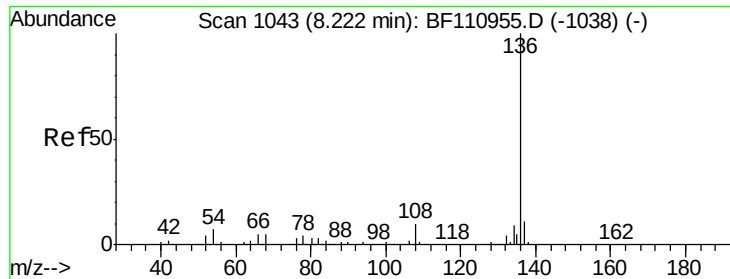
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

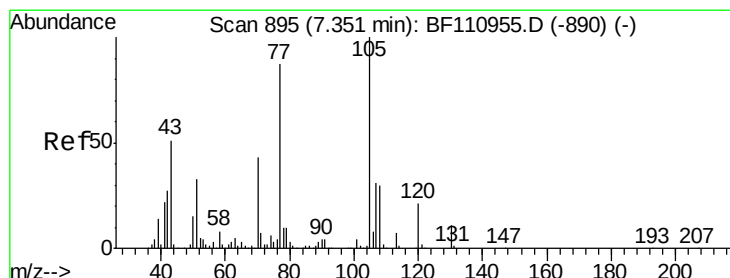
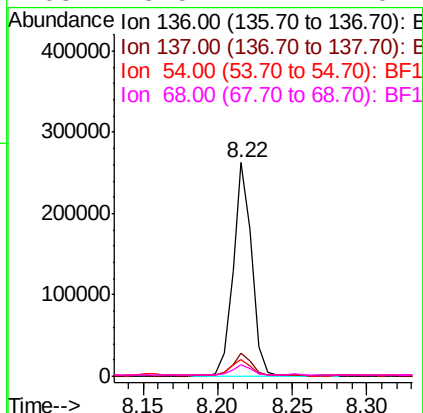
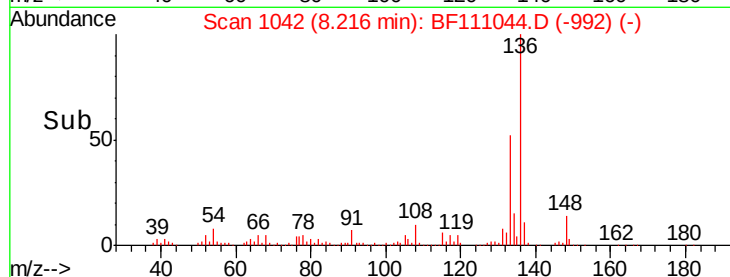
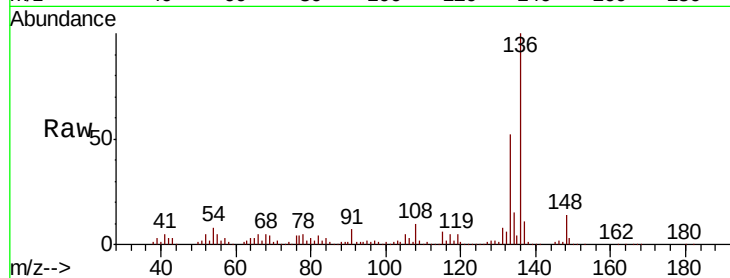




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

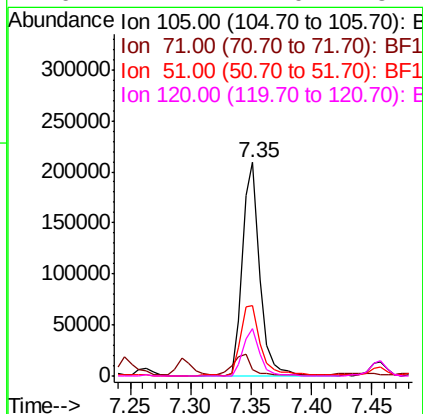
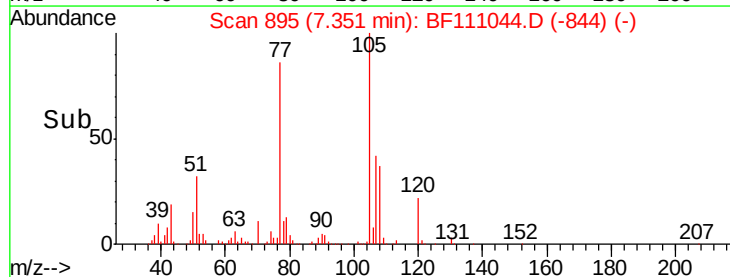
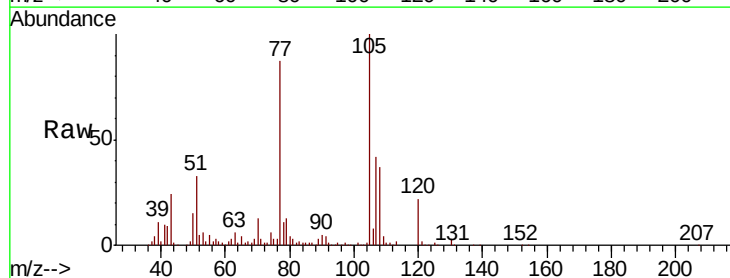
Instrument :
BNA_F
ClientSampleId :

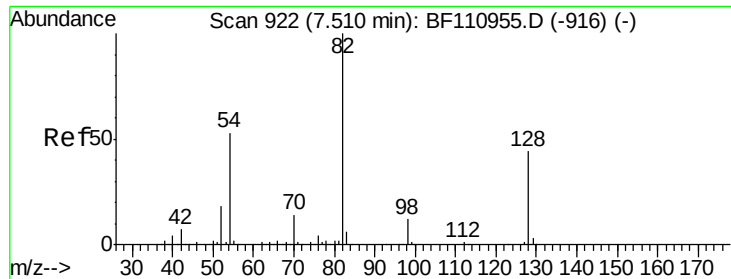
Tot Ion:136	Resp:	230462
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	8.0	5.4 8.2
68	5.5	4.2 6.2



#22
Acetophenone
Concen: 39.308 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:105	Resp:	212341
Ion	Ratio	Lower Upper
105	100	
71	2.8	5.2 7.8#
51	32.7	21.8 32.8
120	22.2	17.0 25.4

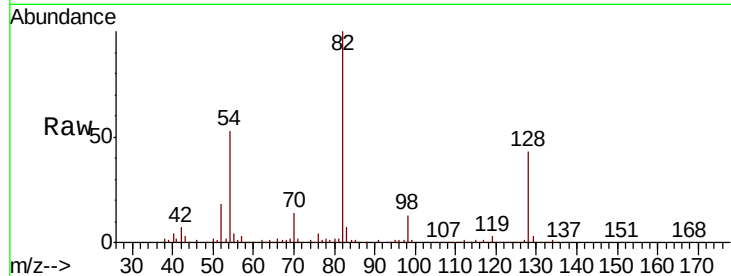




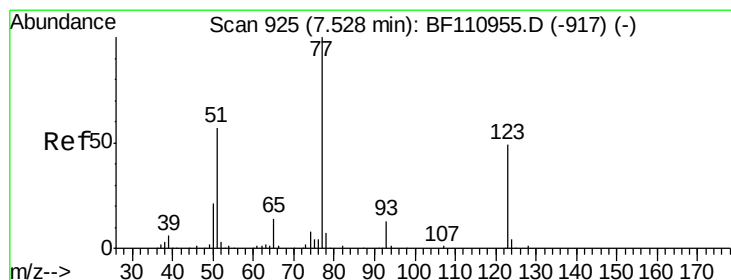
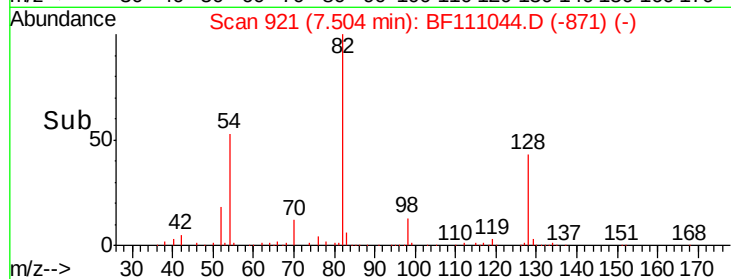
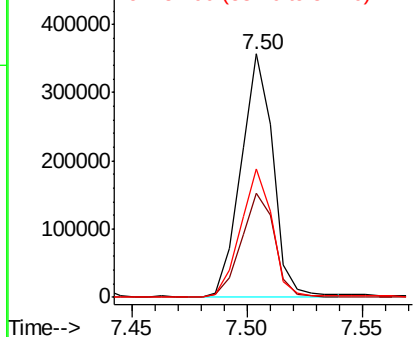
#23
Nitrobenzene-d5
Concen: 84.609 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	340710
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.2	51.2
54	53.0	38.6	58.0

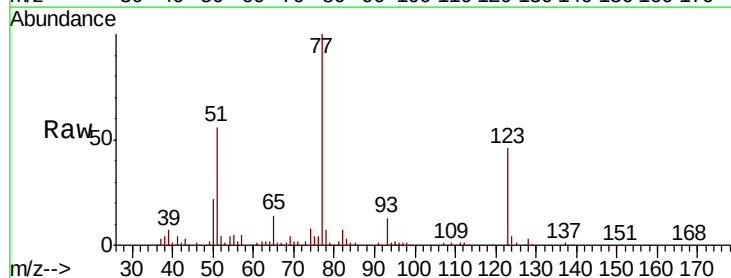


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

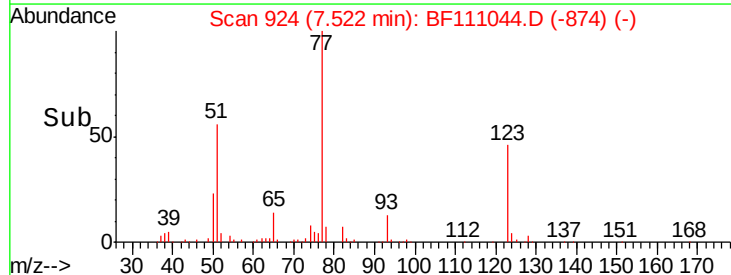
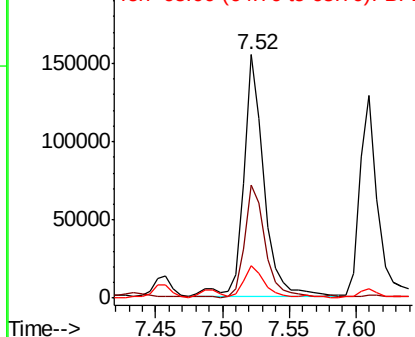


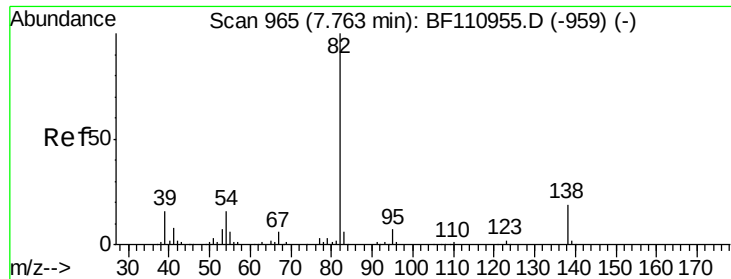
#24
Nitrobenzene
Concen: 38.174 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	77	Resp	159857
Ion Ratio	Lower	Upper	
77	100		
123	46.4	35.7	53.5
65	13.6	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

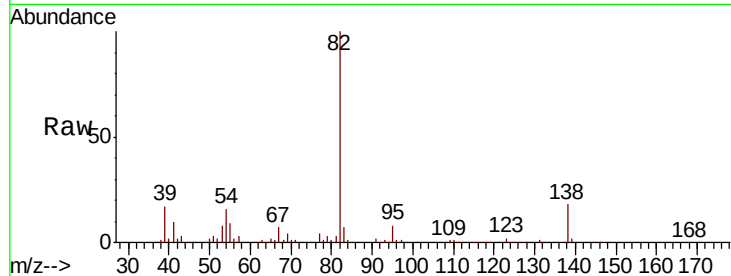




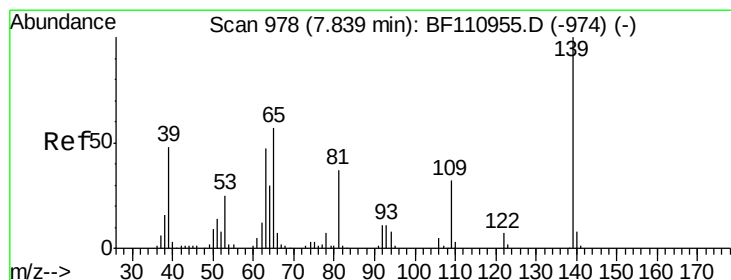
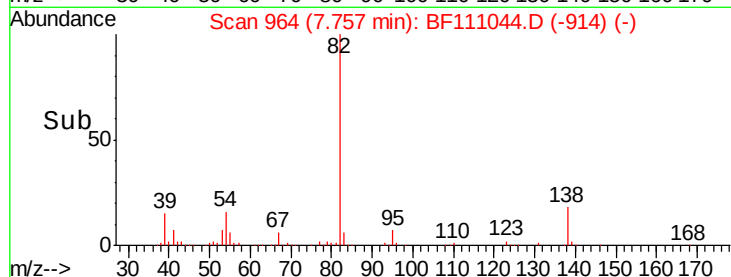
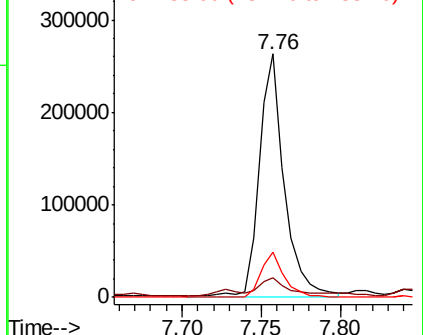
#25
Isophorone
Concen: 42.922 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.7	8.5
138	18.4	13.2	19.8

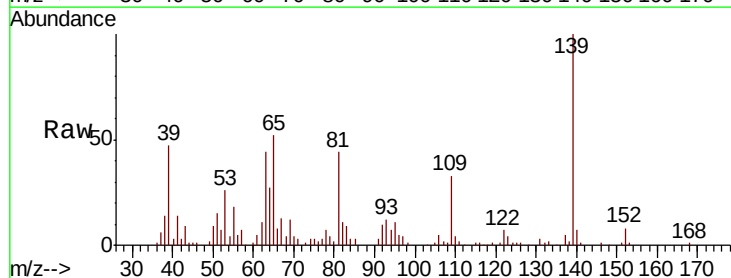


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

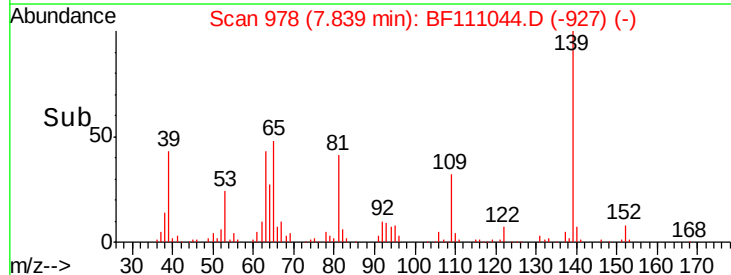
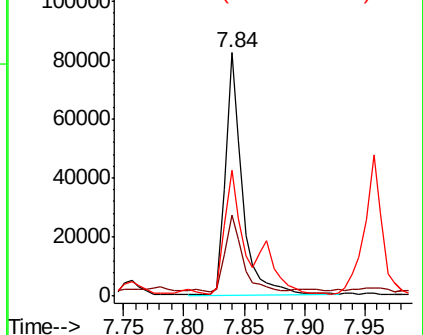


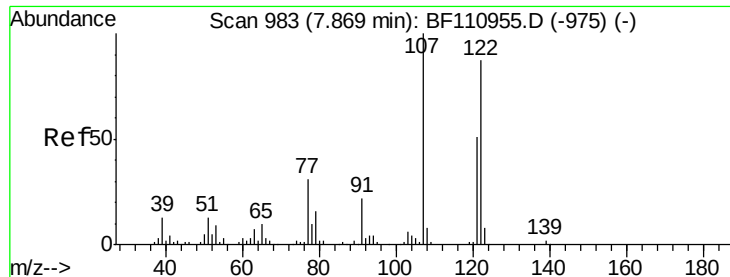
#26
2-Nitrophenol
Concen: 39.357 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.4	25.0	37.6
65	51.7	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

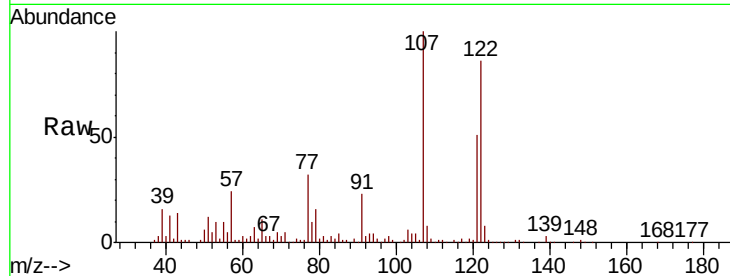




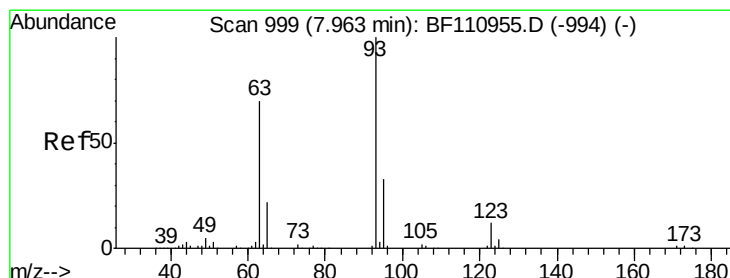
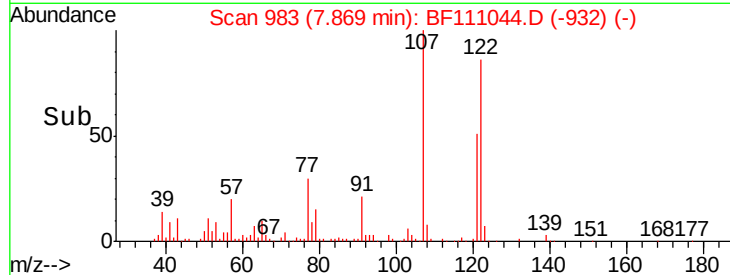
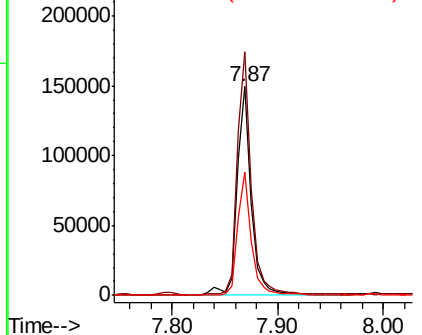
#27
 2,4-Dimethylphenol
 Concen: 44.442 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 136544
 Ion Ratio Lower Upper
 122 100
 107 116.8 92.5 138.7
 121 59.4 45.8 68.8

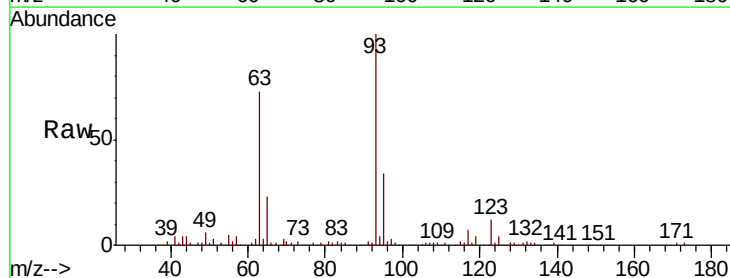


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

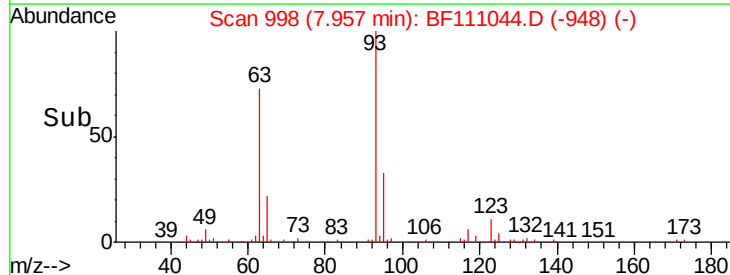
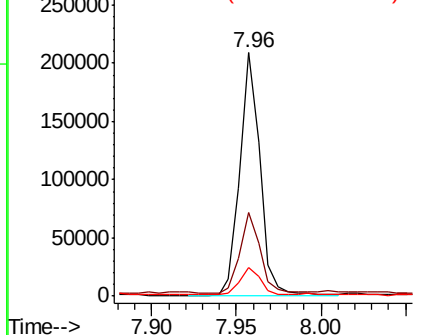


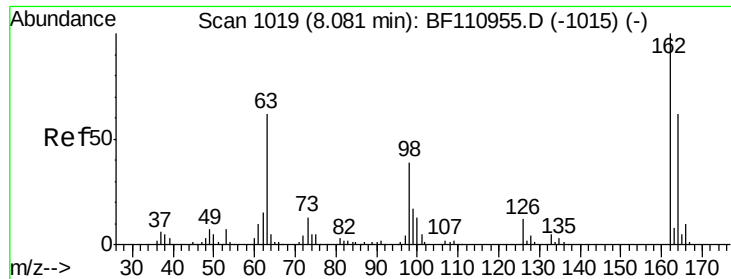
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.453 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion: 93 Resp: 174592
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.4 39.6
 123 11.7 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

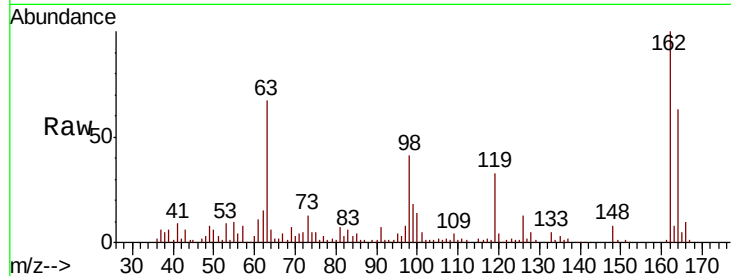




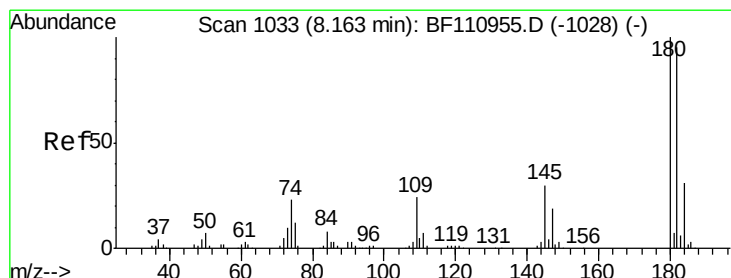
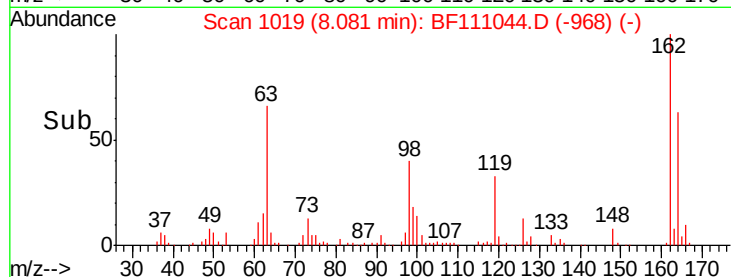
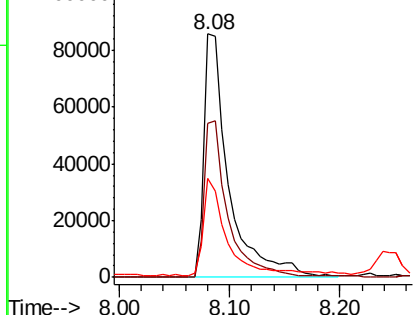
#29
2,4-Dichlorophenol
Concen: 40.820 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	40.7	17.4	57.4

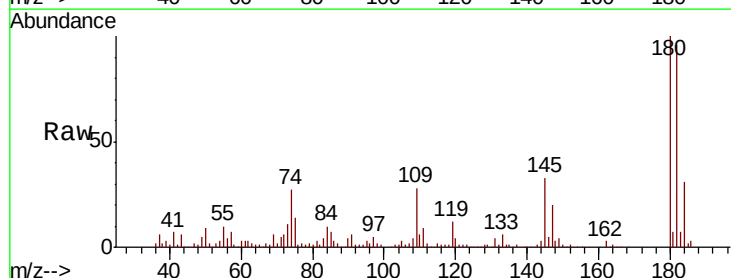


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

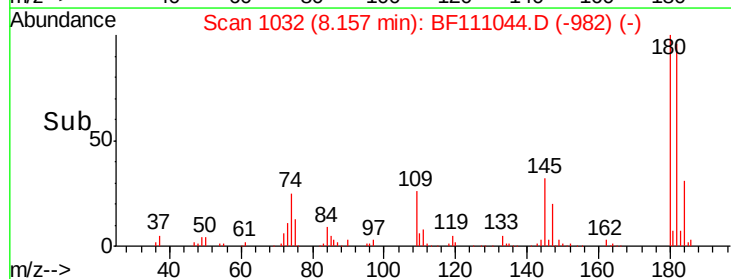
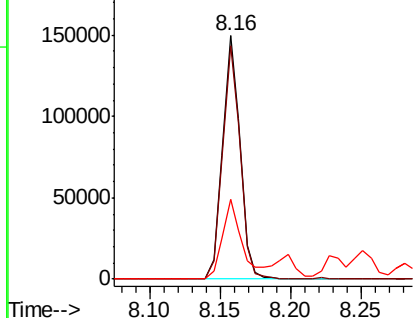


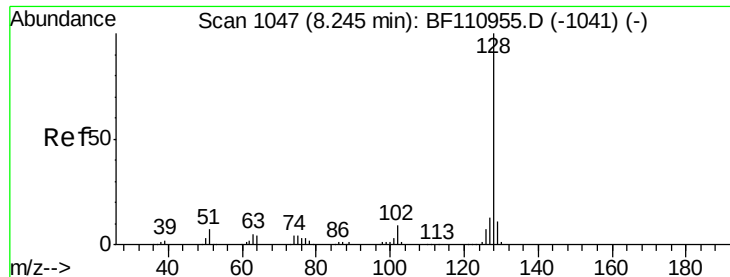
#30
1,2,4-Trichlorobenzene
Concen: 35.891 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	80.3	120.5
145	32.7	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

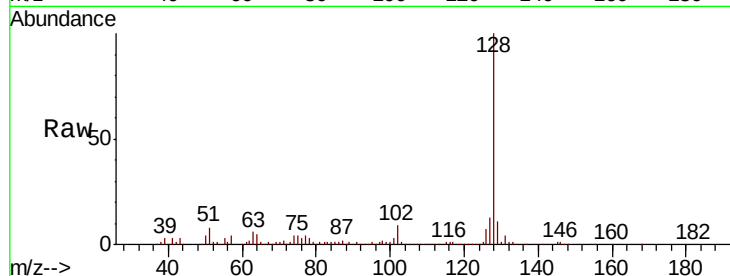




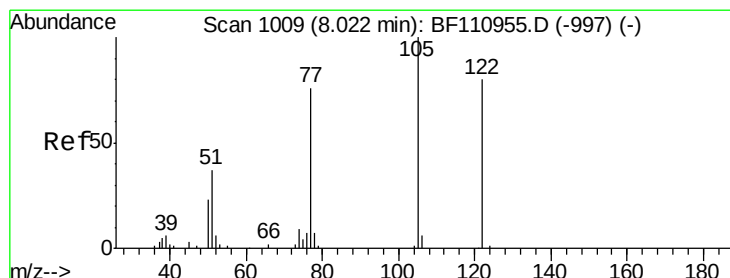
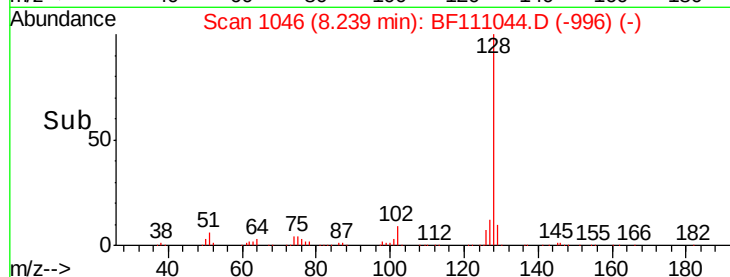
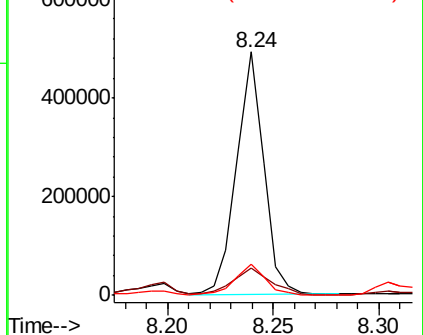
#31
Naphthalene
Concen: 40.329 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 435677
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.9 10.8 16.2

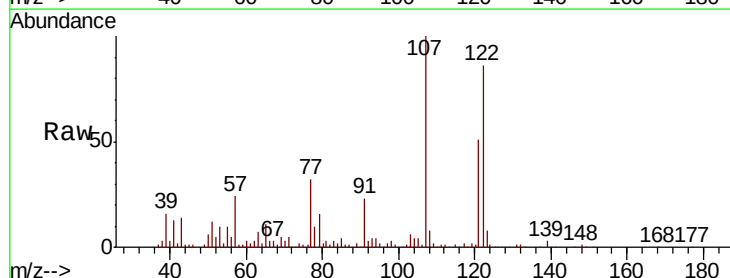


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

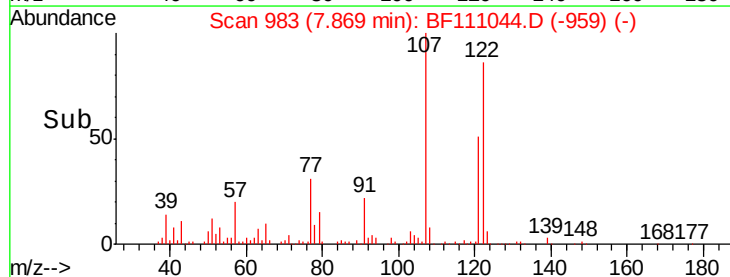
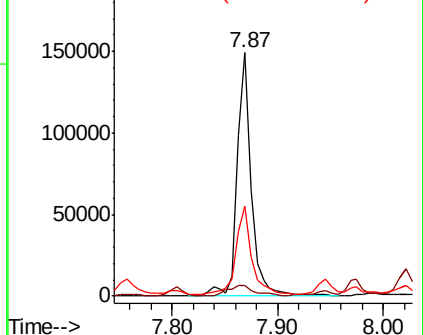


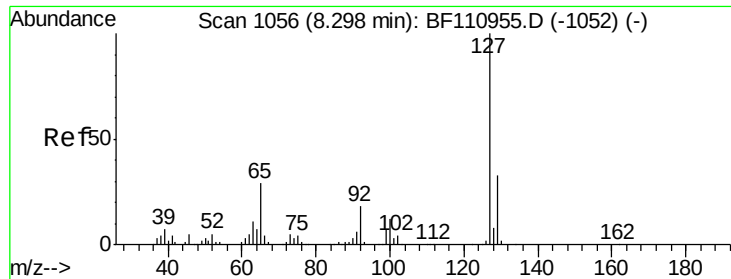
#32
Benzoic acid
Concen: 59.775 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.16 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:122 Resp: 136544
Ion Ratio Lower Upper
122 100
105 4.2 109.0 149.0#
77 37.1 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

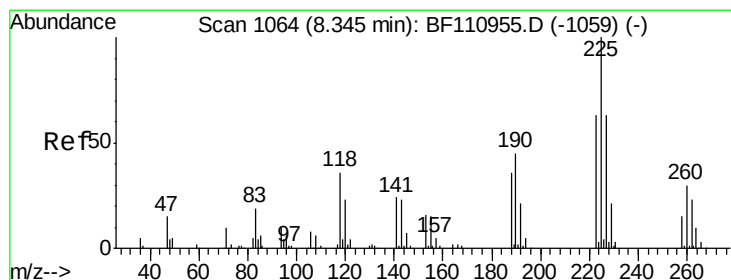
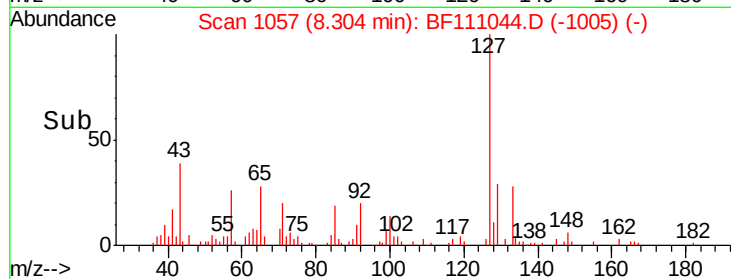
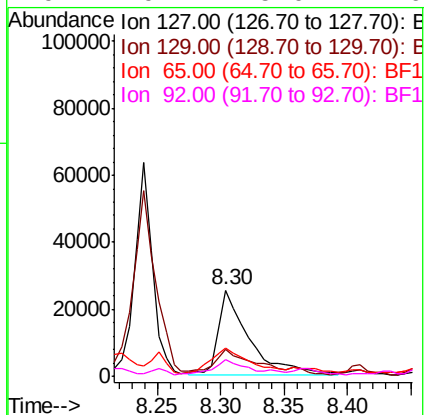
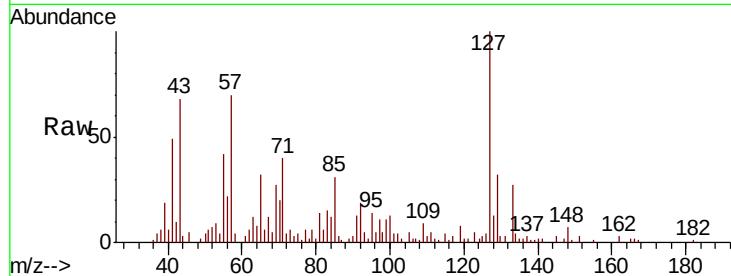




#33
4-Chloroaniline
Concen: 9.591 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

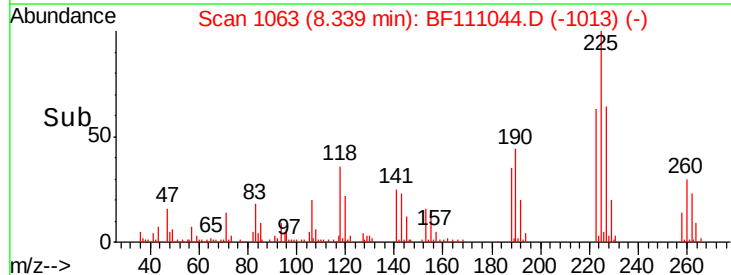
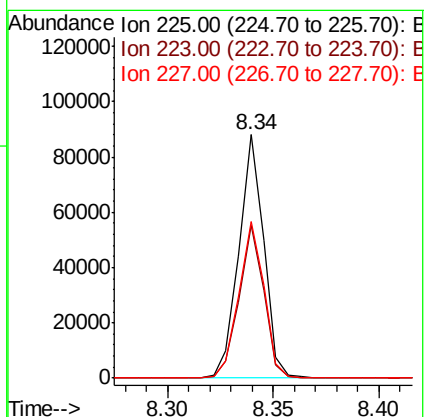
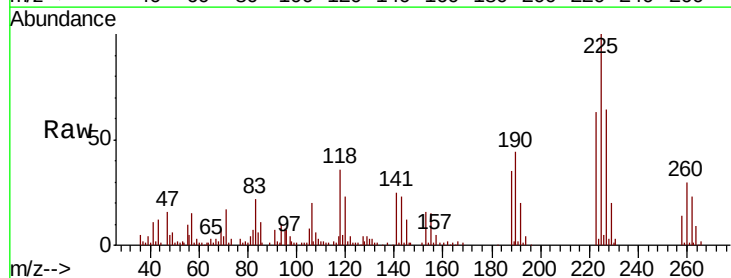
Instrument :
BNA_F
ClientSampled :

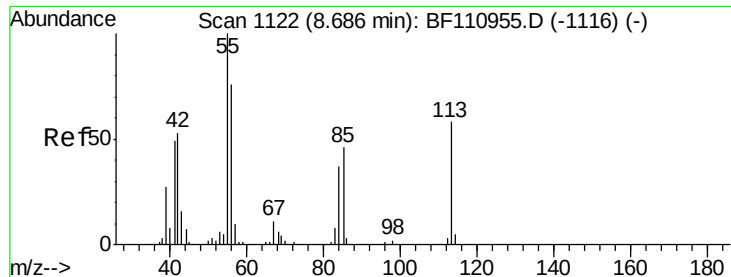
Tot Ion:127	Resp:	44102
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.0 39.0
65	32.4	25.1 37.7
92	19.4	15.0 22.6



#34
Hexachlorobutadiene
Concen: 34.846 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:225	Resp:	71511
Ion Ratio	Lower	Upper
225	100	
223	62.7	51.4 77.2
227	64.3	51.0 76.6

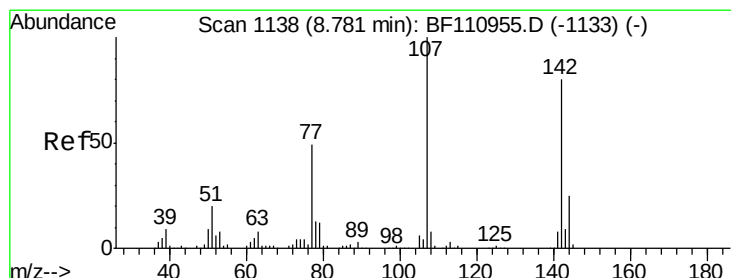
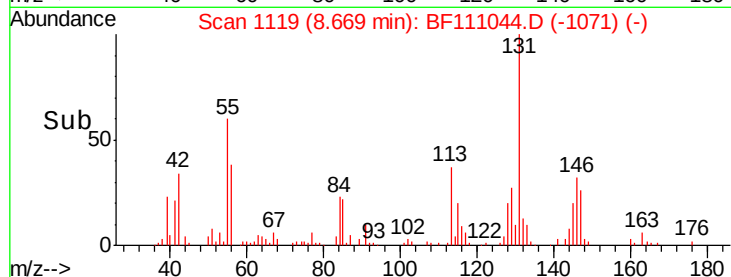
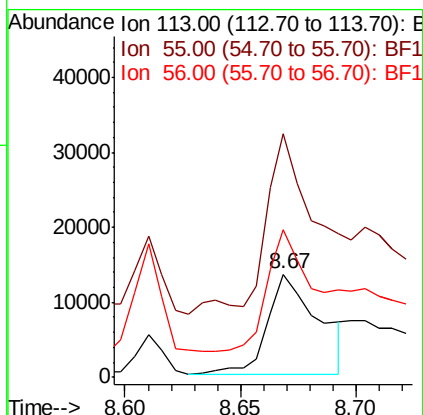
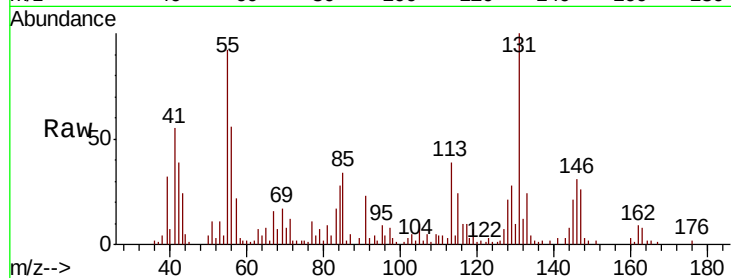




#35
 Caprolactam
 Concen: 18.775 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

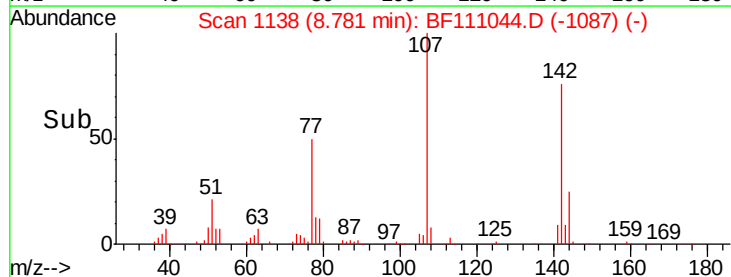
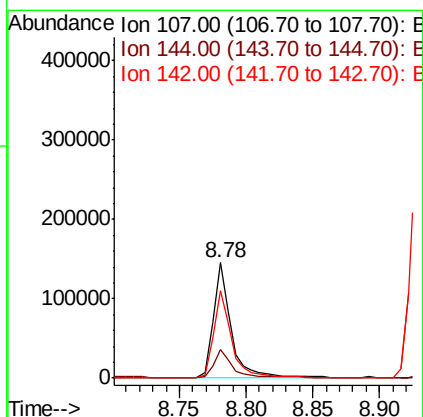
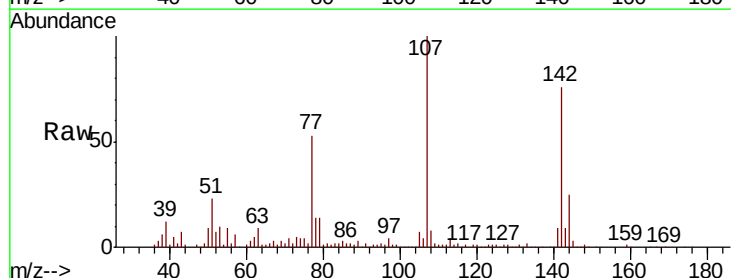
Instrument :
 BNA_F
 ClientSampled :

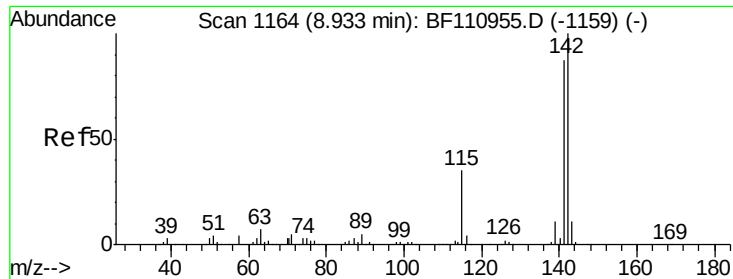
Tot Ion:113 Resp: 20608
 Ion Ratio Lower Upper
 113 100
 55 236.4 142.8 182.8#
 56 143.8 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.415 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion:107 Resp: 133656
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 75.9 59.7 89.5

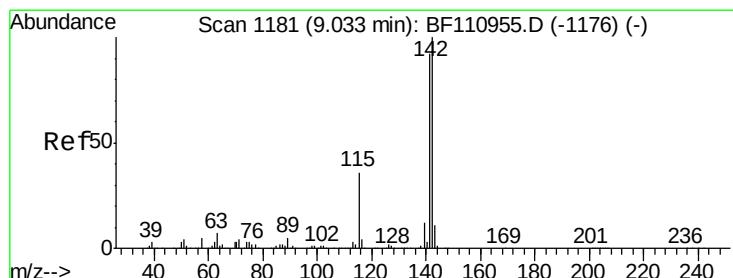
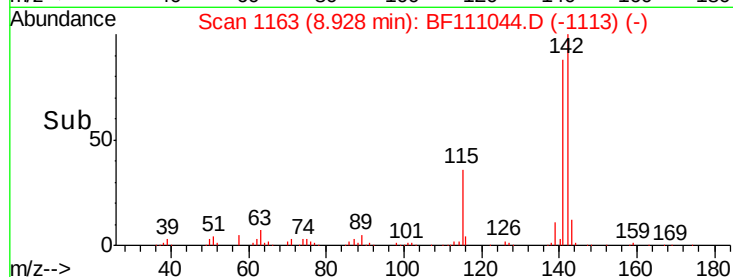
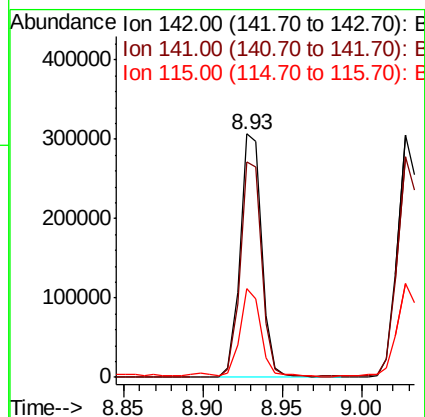
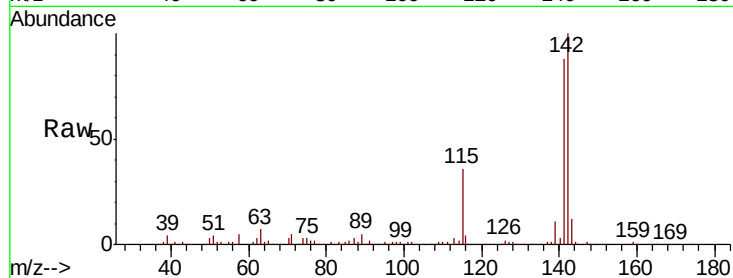




#37
2-Methylnaphthalene
Concen: 40.498 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

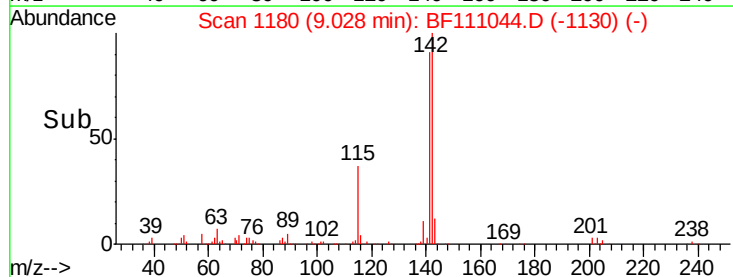
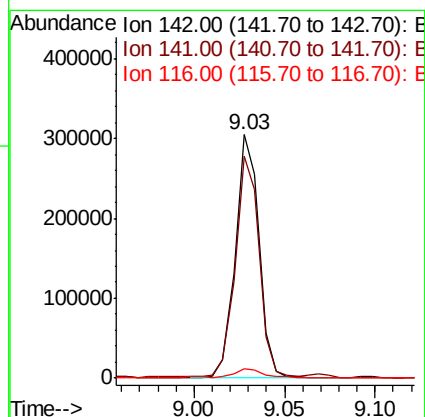
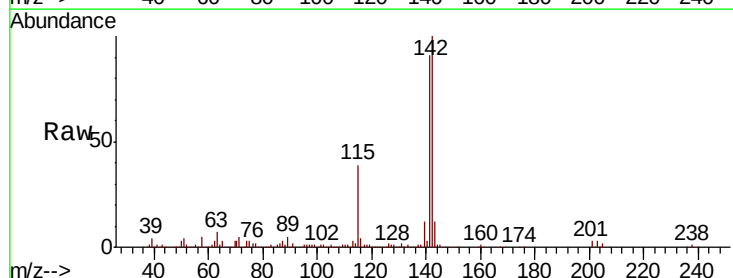
Instrument :
BNA_F
ClientSampleId :

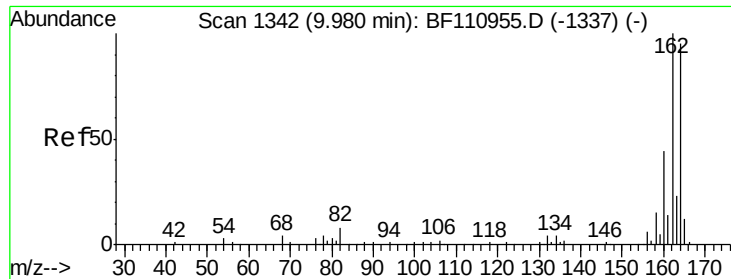
Tot Ion:142 Resp: 288972
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 36.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.862 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:142 Resp: 276667
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 4.1 2.6 4.0#

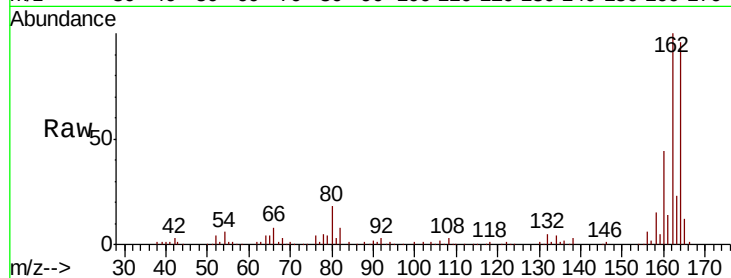




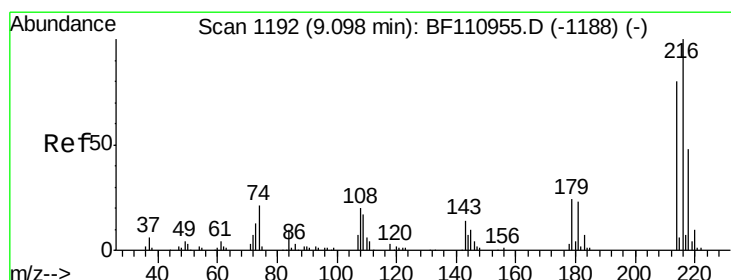
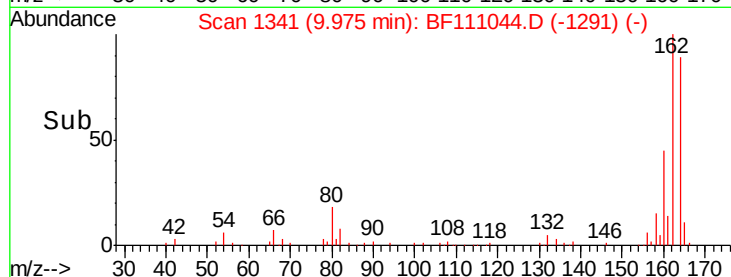
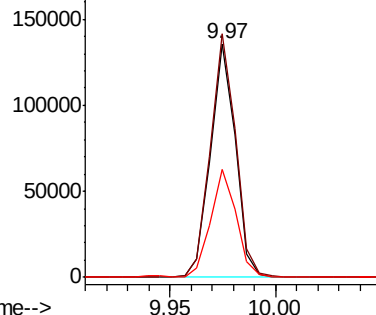
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 110428
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.0 124.6
 160 46.2 37.0 55.6

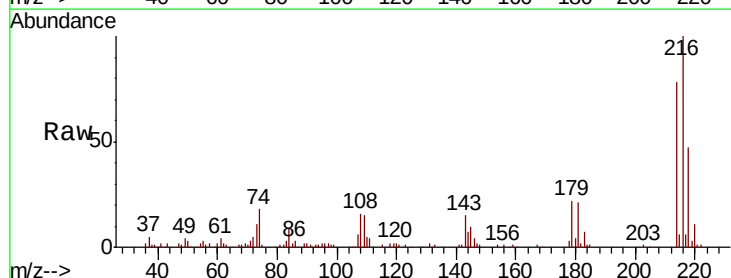


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

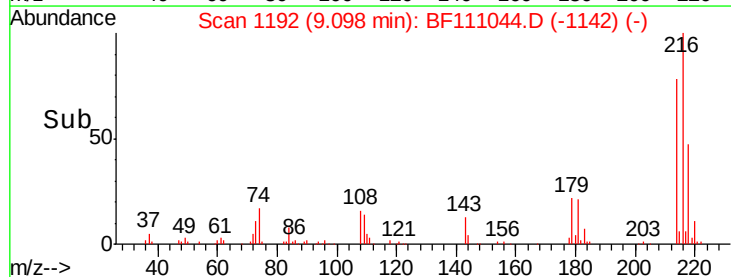
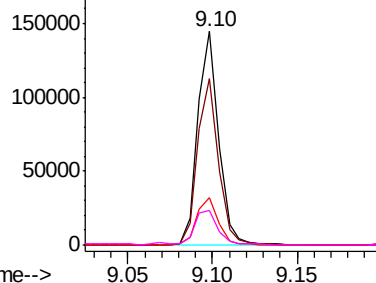


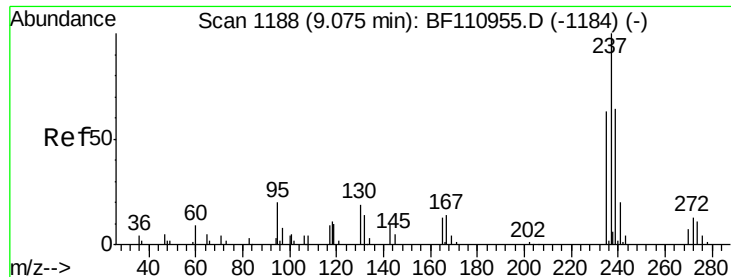
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.570 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion:216 Resp: 123562
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.8 95.6
 179 23.2 16.6 25.0
 108 19.5 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

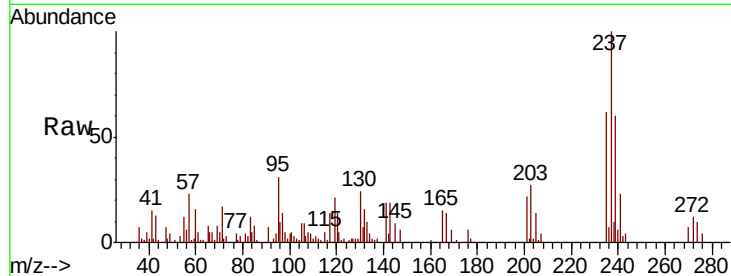




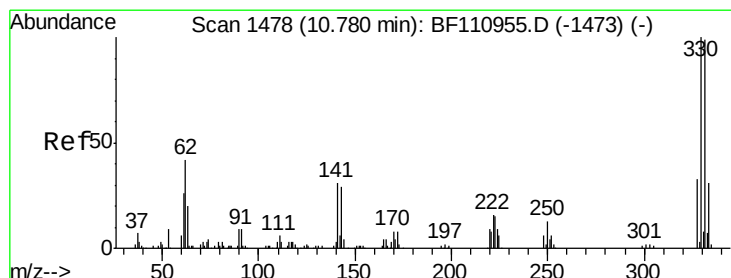
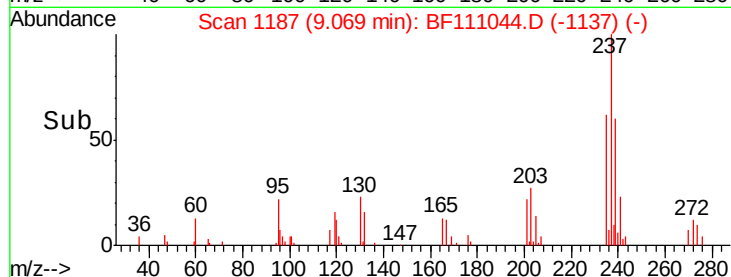
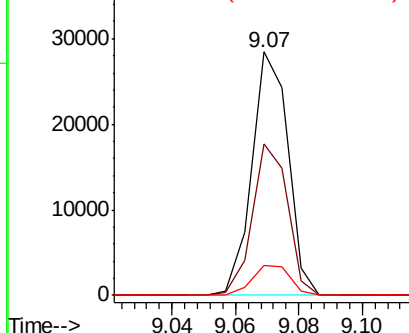
#41
Hexachlorocyclopentadiene
Concen: 52.216 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 22519
Ion Ratio Lower Upper
237 100
235 62.1 43.1 83.1
272 12.3 0.0 32.6

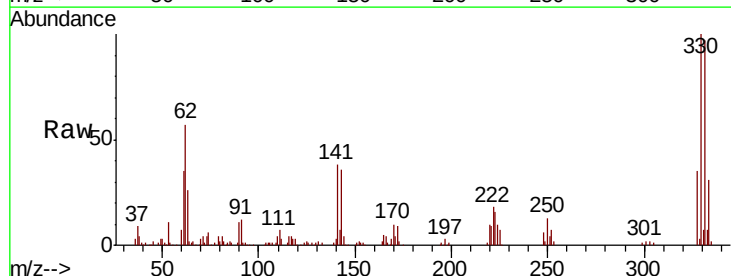


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

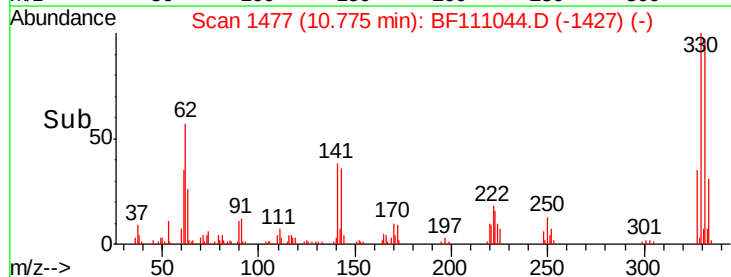
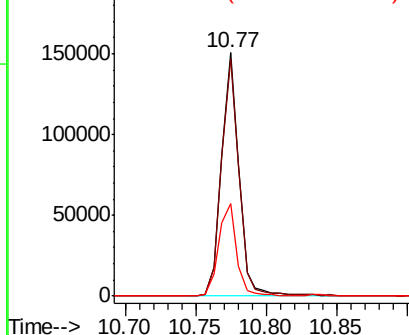


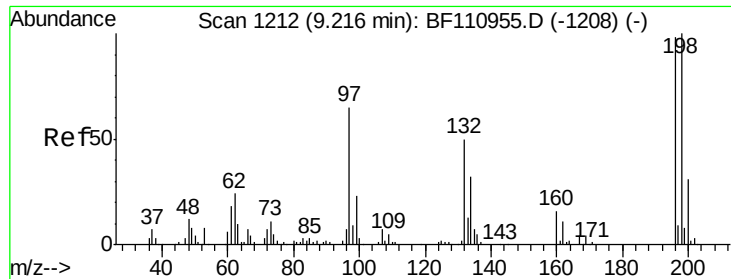
#42
2,4,6-Tribromophenol
Concen: 119.189 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:330 Resp: 130715
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 38.9 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

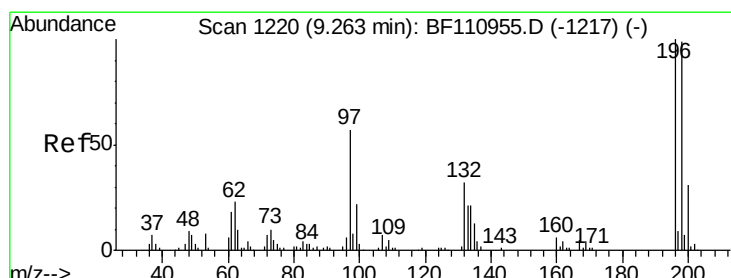
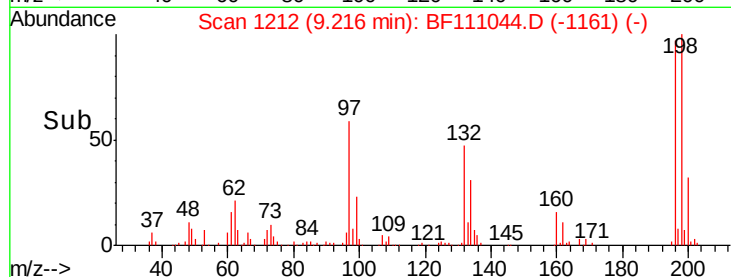
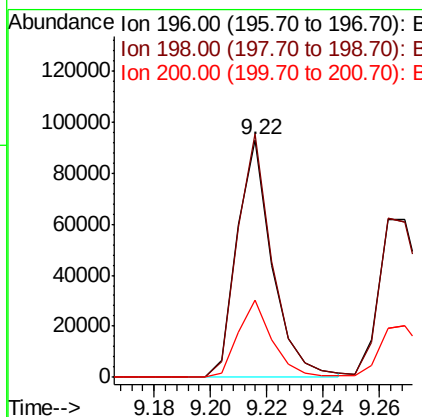
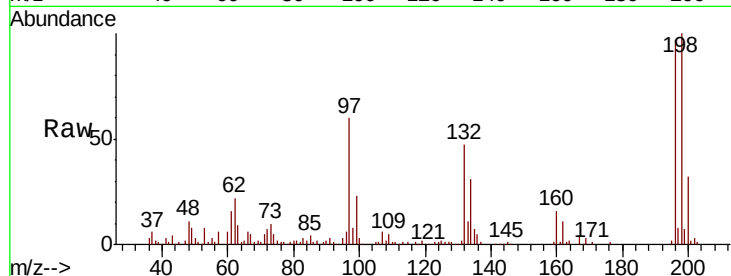




#43
 2,4,6-Trichlorophenol
 Concen: 38.779 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

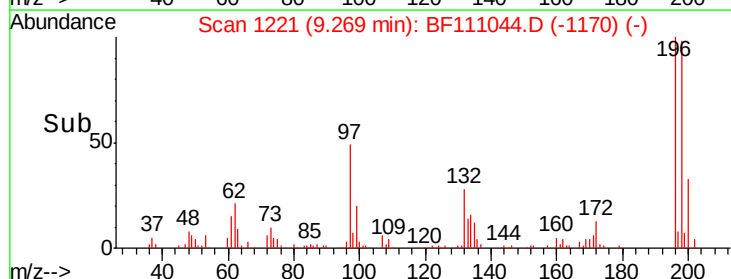
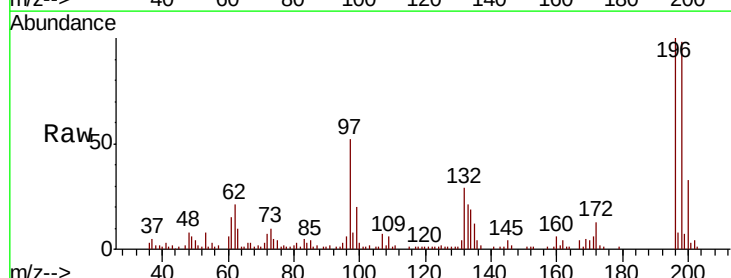
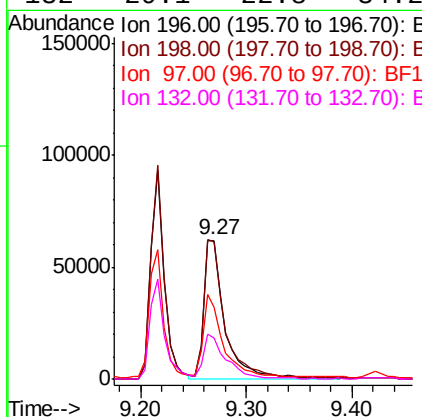
Instrument :
 BNA_F
 ClientSampleId :

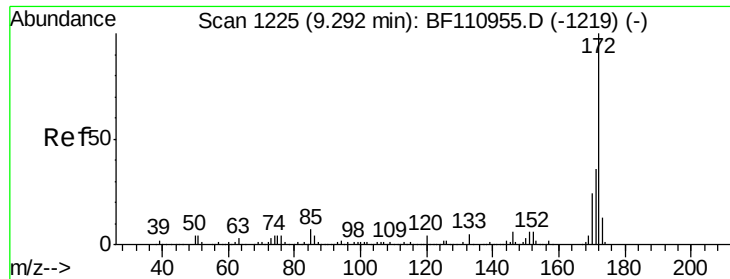
Tot Ion	196	Resp	80454
Ion	Ratio	Lower	Upper
196	100		
198	102.6	76.2	114.4
200	32.5	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.724 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	196	Resp	86779
Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.8	113.6
97	52.0	42.4	63.6
132	29.1	22.8	34.2

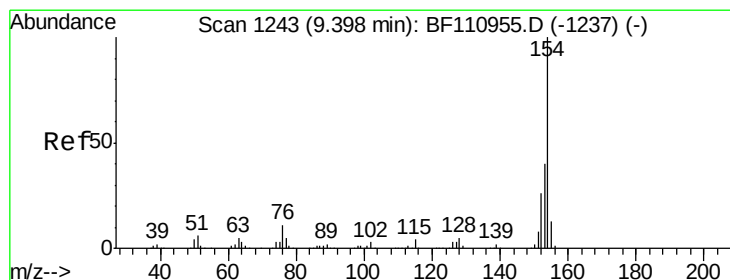
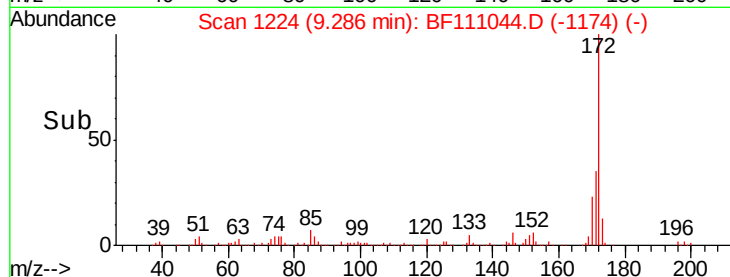
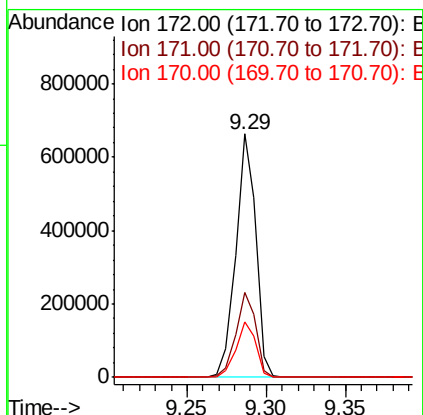
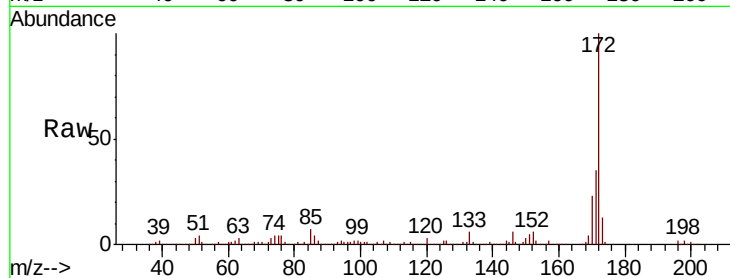




#45
2-Fluorobiphenyl
Concen: 75.941 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

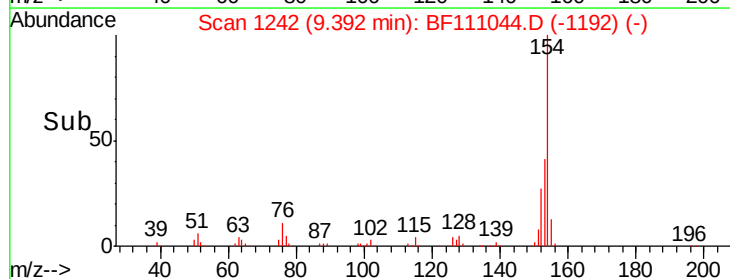
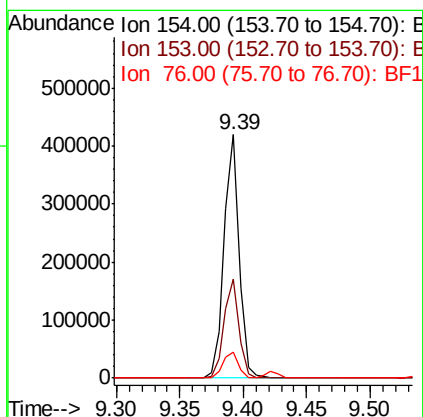
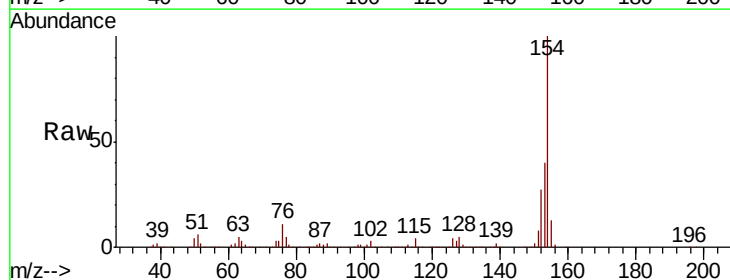
Instrument :
BNA_F
ClientSampleId :

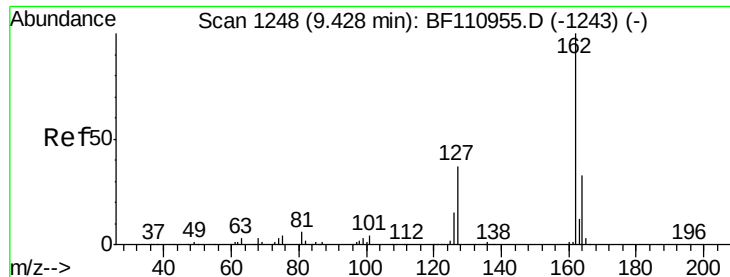
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.0	19.7	29.5



#46
1,1'-Biphenyl
Concen: 34.324 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

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

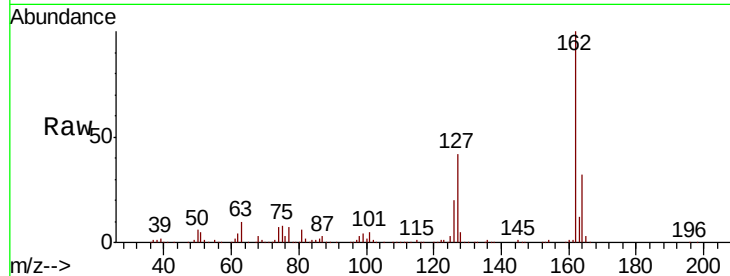




#47
2-Chloronaphthalene
Concen: 36.015 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.6	48.8
164	32.2	25.9	38.9

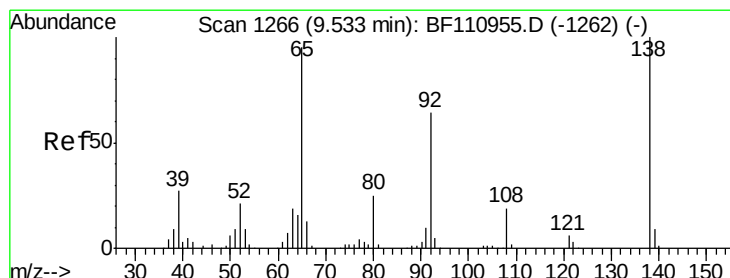
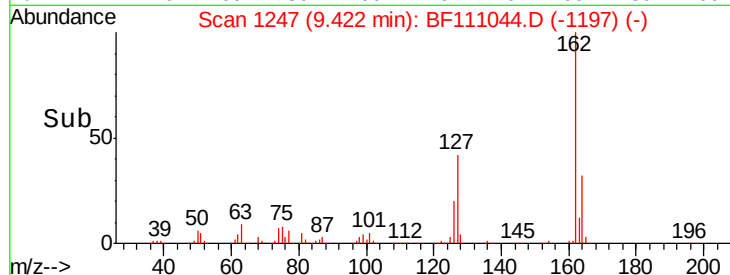
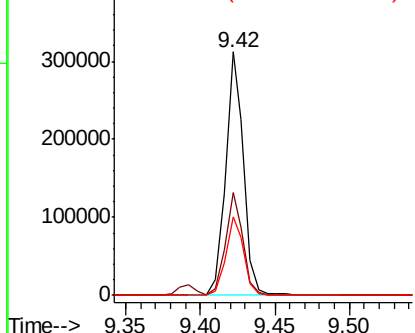


Abundance

Ion 162.00 (161.70 to 162.70): E

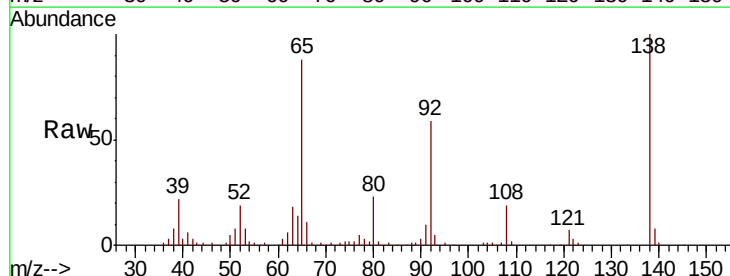
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.748 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.6	81.8
138	114.2	80.3	120.5

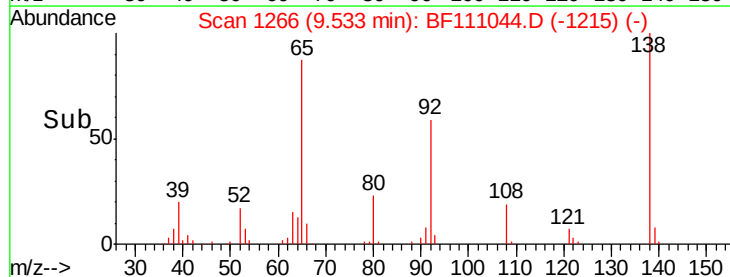
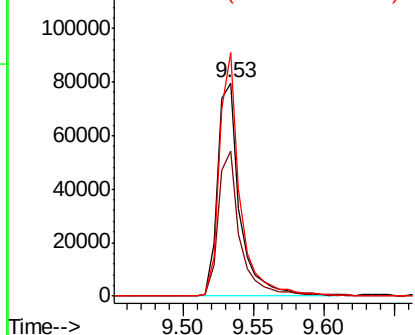


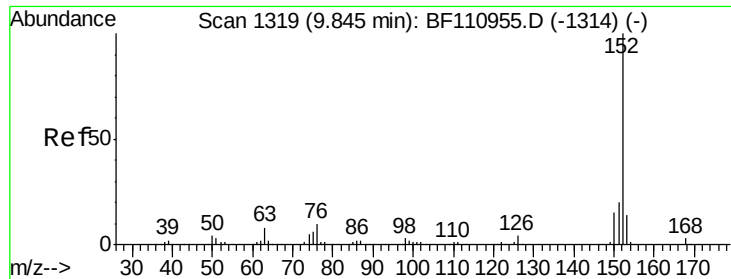
Abundance

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: 38.449 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

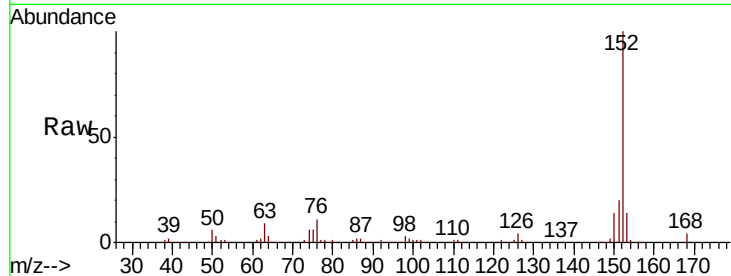
Tot Ion:152 Resp: 403580

Ion Ratio Lower Upper

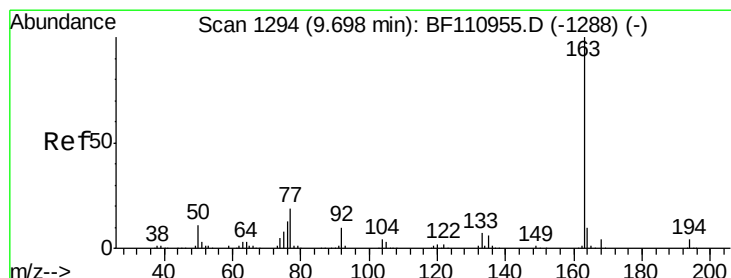
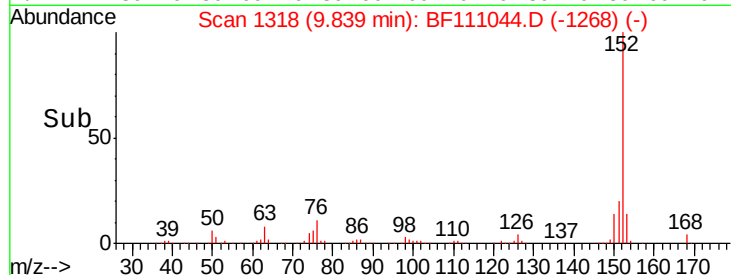
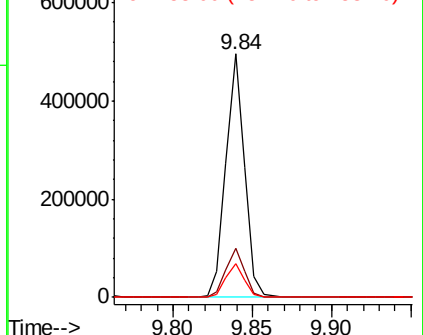
152 100

151 20.1 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: 43.393 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

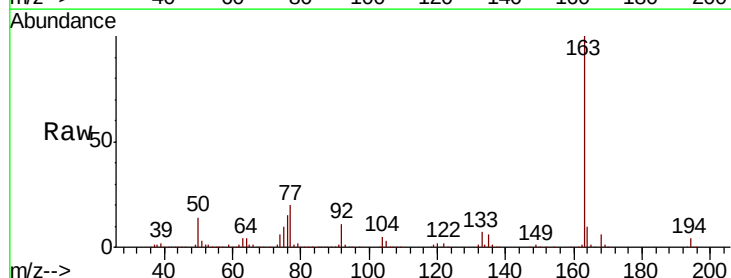
Tgt Ion:163 Resp: 351431

Ion Ratio Lower Upper

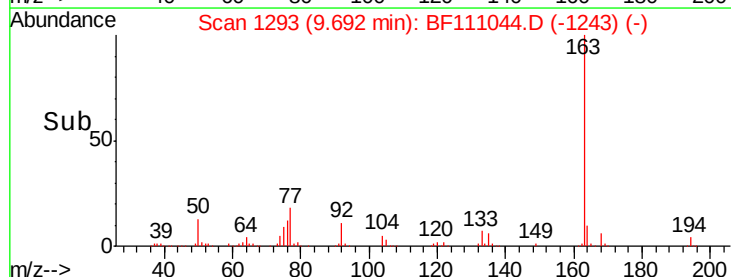
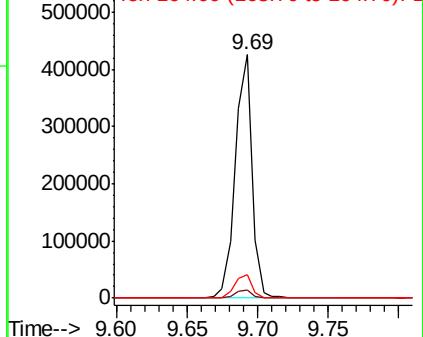
163 100

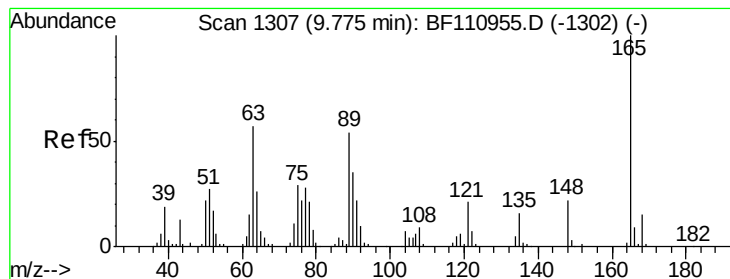
194 3.5 3.2 4.8

164 9.8 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: 37.367 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

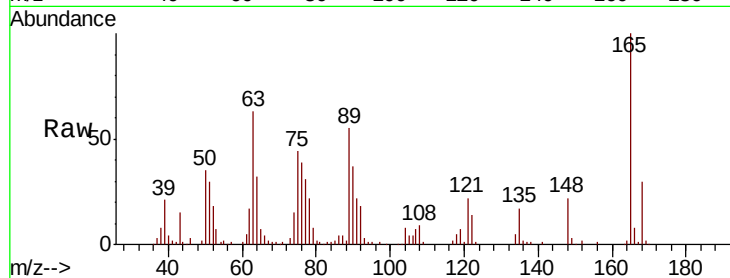
Tot Ion:165 Resp: 67371

Ion Ratio Lower Upper

165 100

63 63.0 48.9 73.3

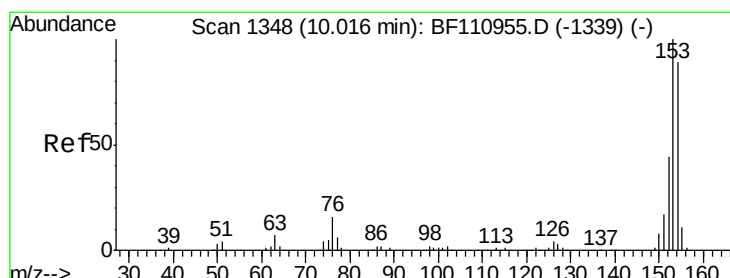
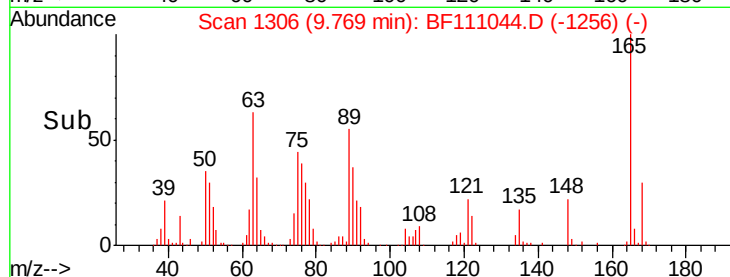
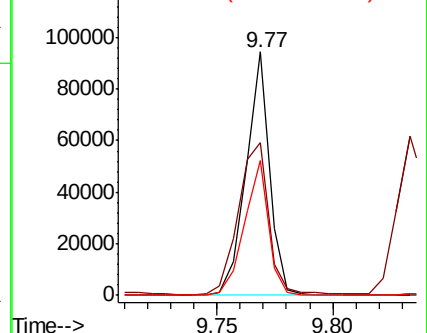
89 55.1 46.6 69.8



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: 36.387 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

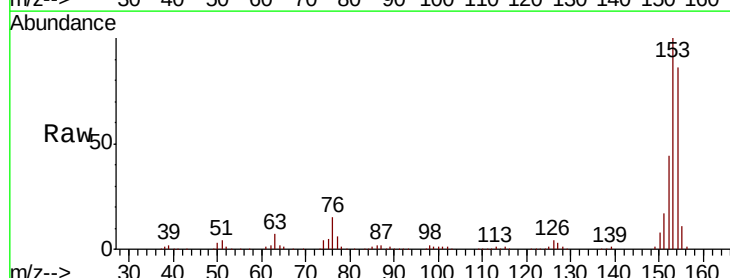
Tgt Ion:154 Resp: 244851

Ion Ratio Lower Upper

154 100

153 116.6 90.1 135.1

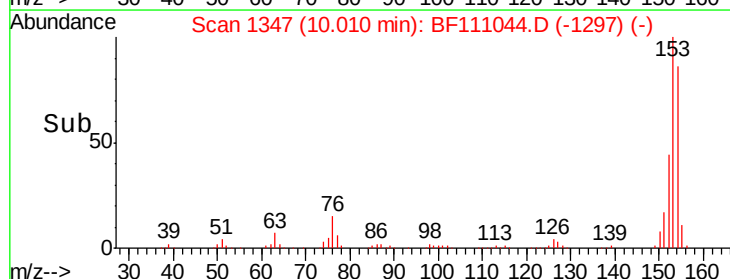
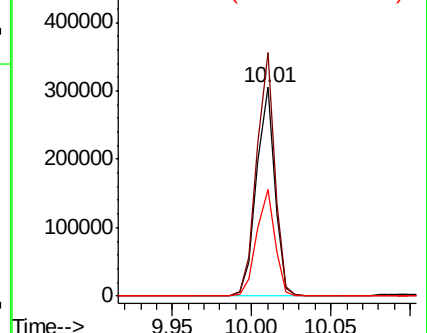
152 51.0 43.4 65.2

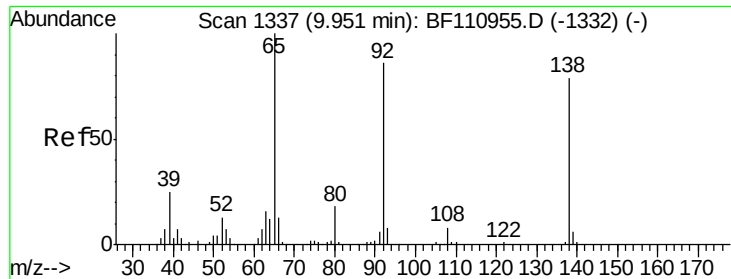


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

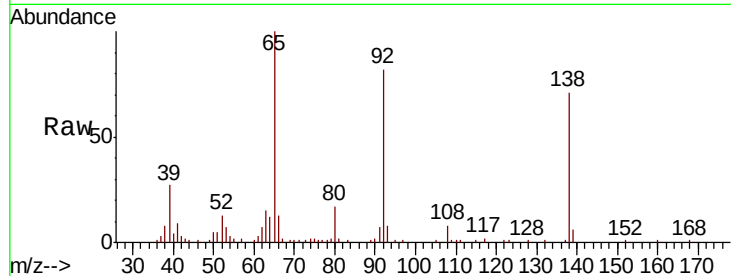




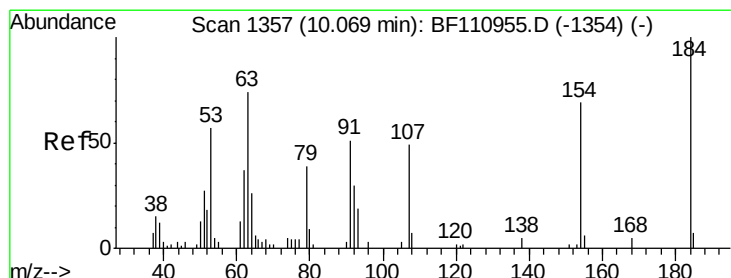
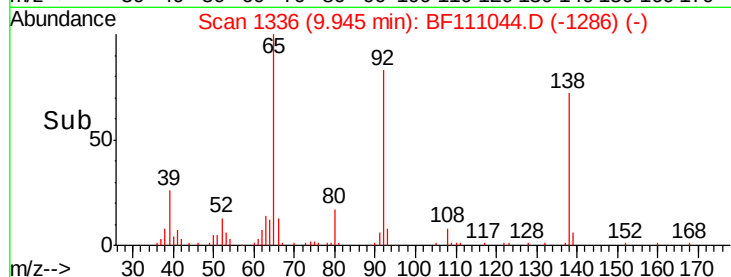
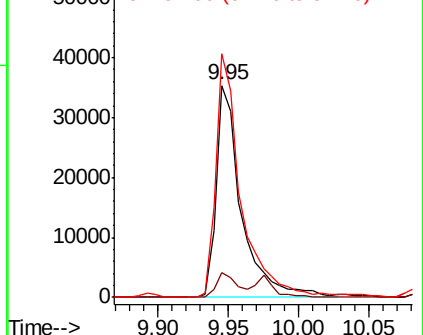
#53
3-Nitroaniline
Concen: 20.883 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 43883
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 115.0 97.0 145.4

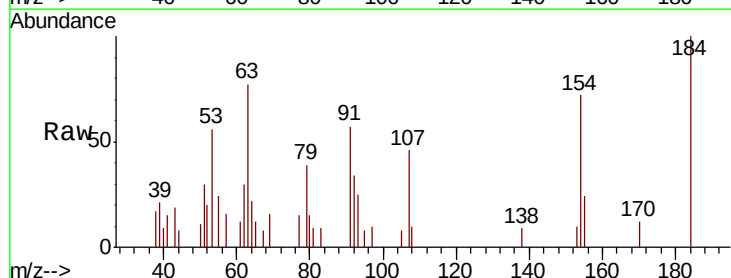


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

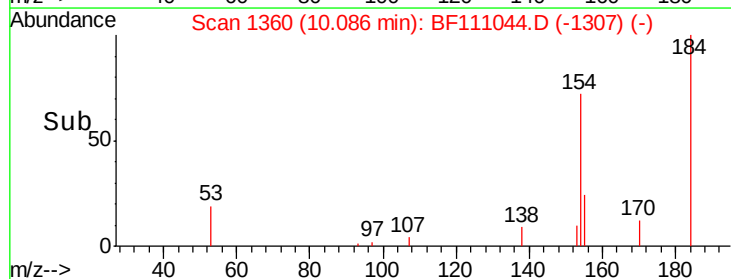
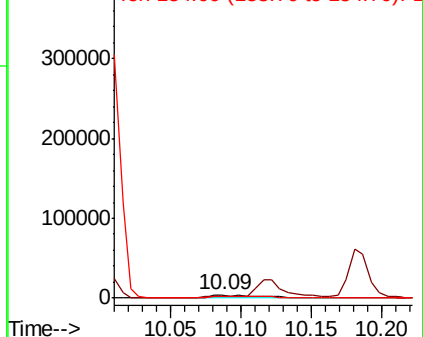


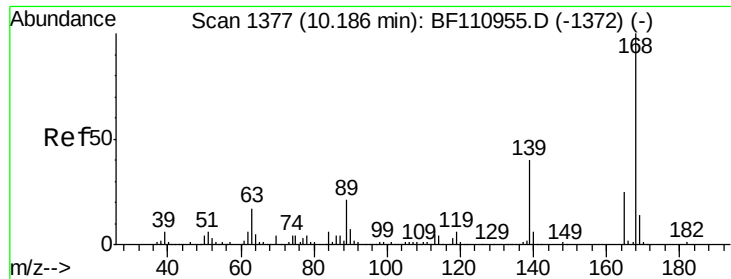
#54
2,4-Dinitrophenol
Concen: 18.800 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:184 Resp: 10076
Ion Ratio Lower Upper
184 100
63 76.8 55.8 83.6
154 72.3 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

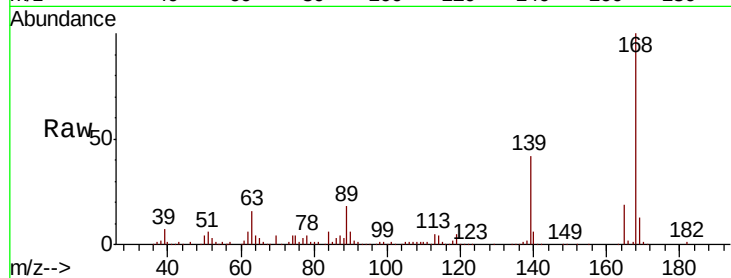




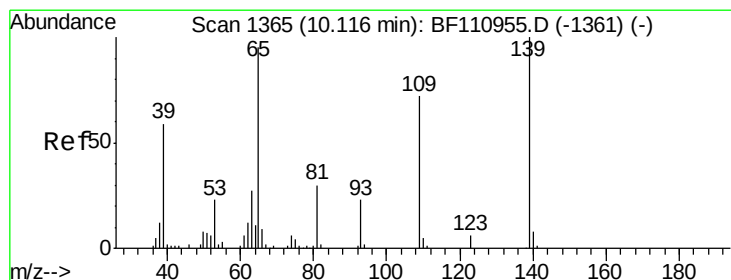
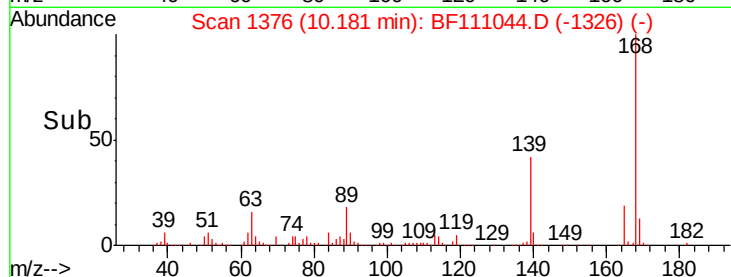
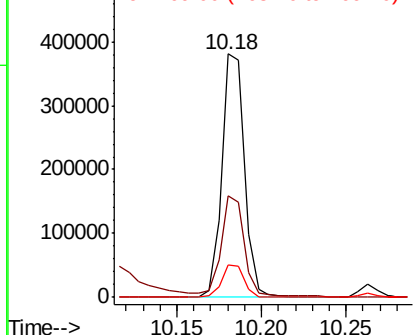
#55
Dibenzofuran
Concen: 36.189 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 355255
Ion Ratio Lower Upper
168 100
139 41.8 33.0 49.6
169 13.3 11.3 16.9

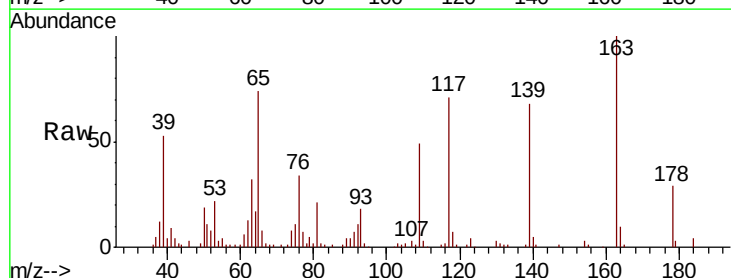


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

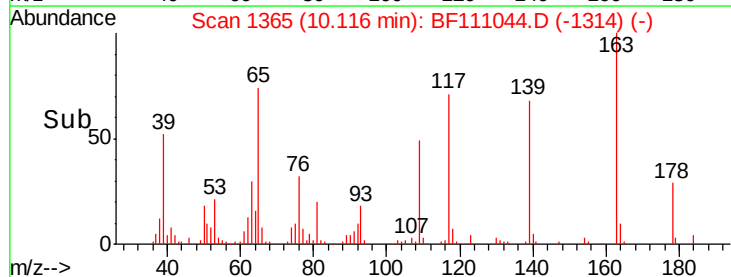
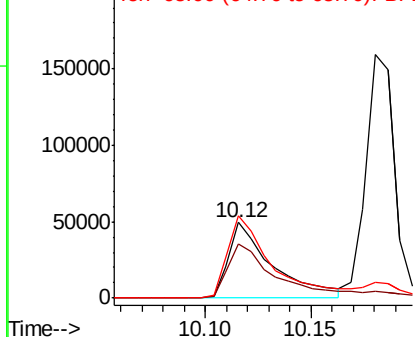


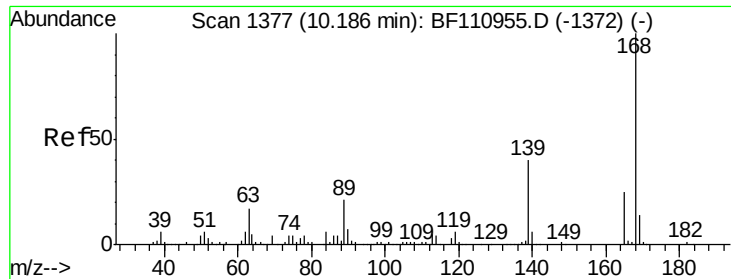
#56
4-Nitrophenol
Concen: 61.815 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:139 Resp: 71022
Ion Ratio Lower Upper
139 100
109 71.8 55.8 95.8
65 109.6 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

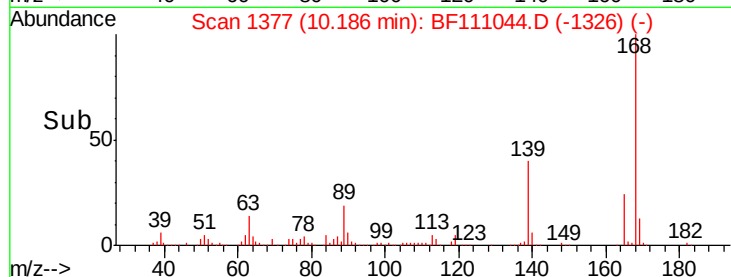
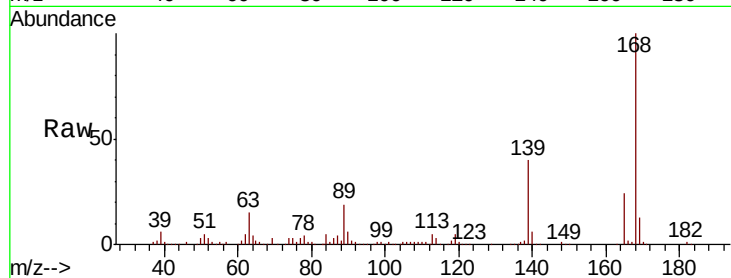




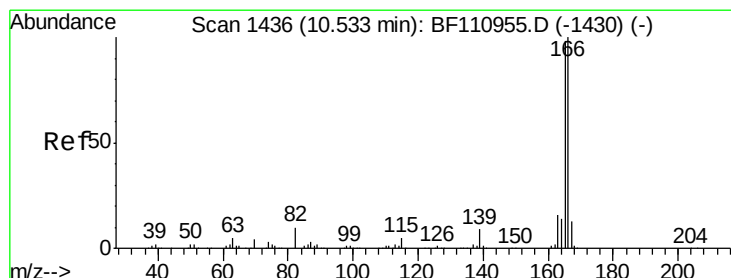
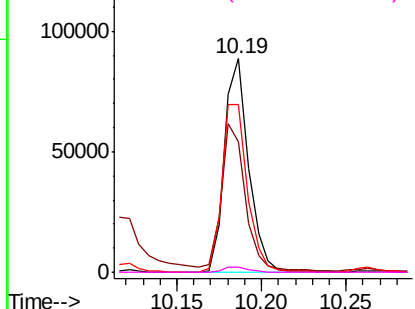
#57
2,4-Dinitrotoluene
Concen: 37.850 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 88539
Ion Ratio Lower Upper
165 100
63 61.3 44.8 67.2
89 78.8 62.2 93.4
182 2.6 2.1 3.1

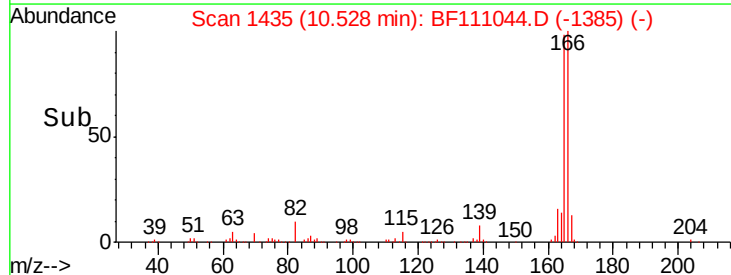
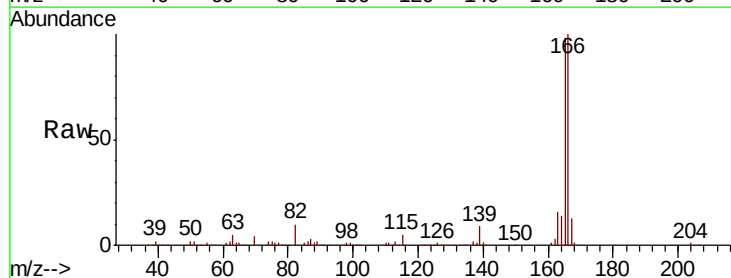


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

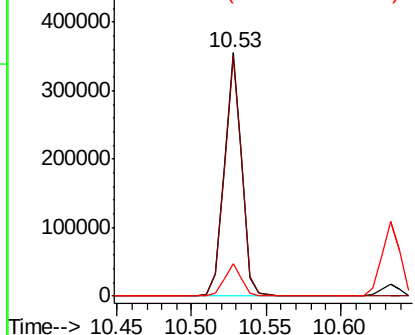


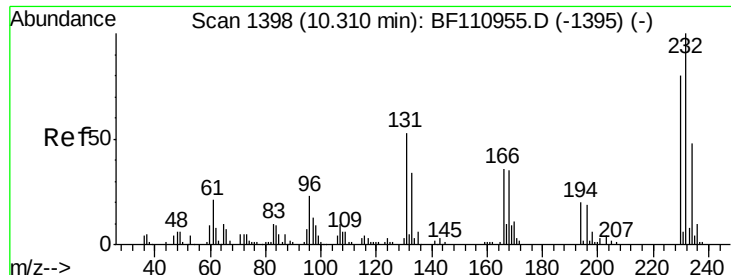
#58
Fluorene
Concen: 38.326 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:166 Resp: 292724
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

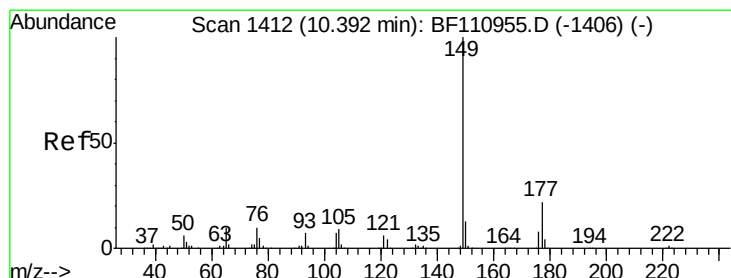
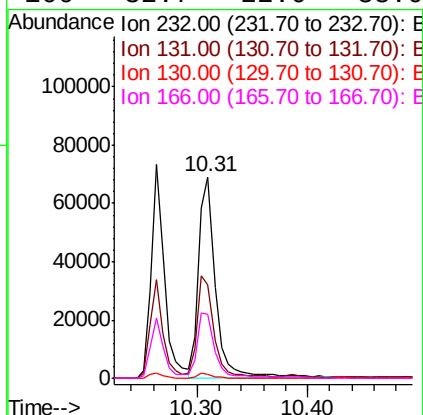
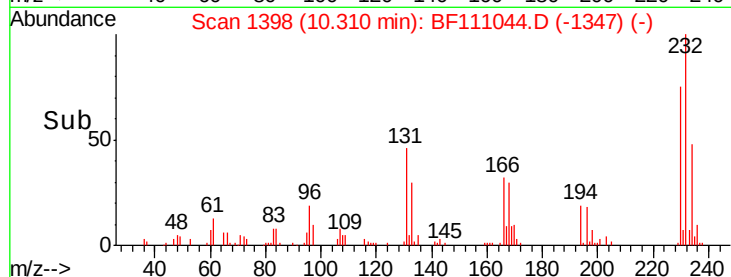
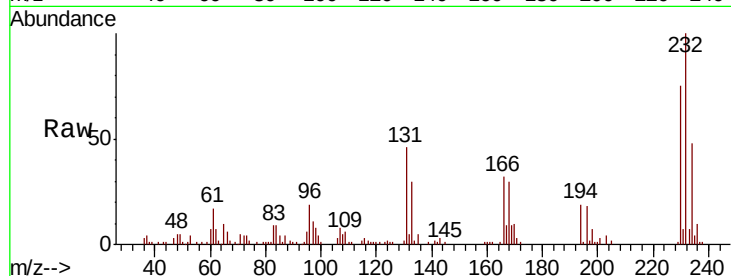




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.434 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

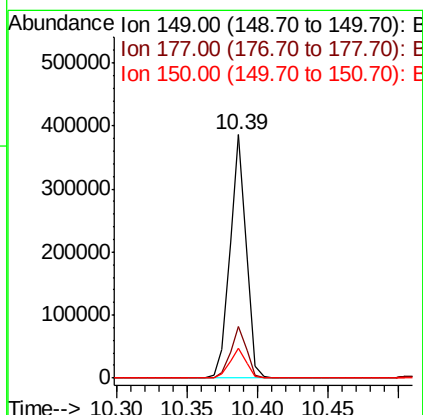
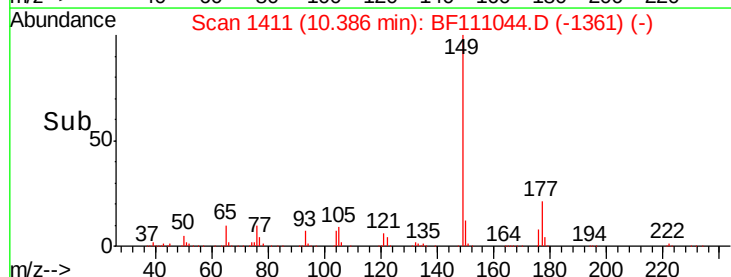
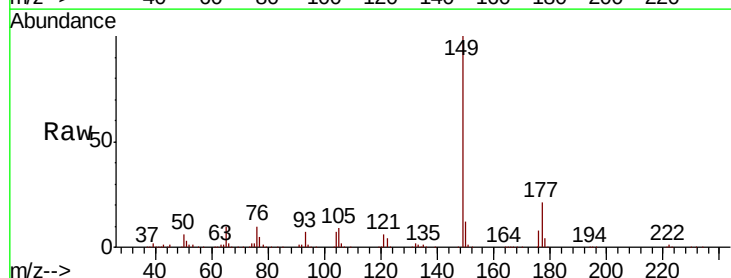
Instrument :
BNA_F
ClientSampleId :

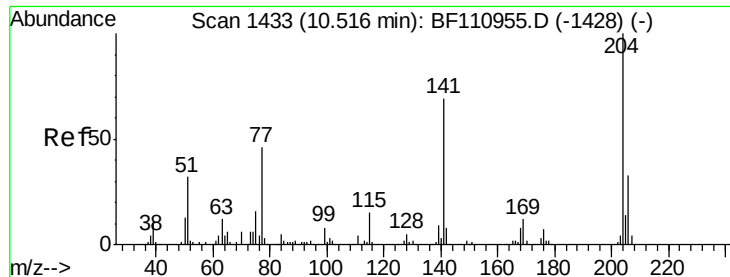
Tot Ion:232 Resp: 70698
Ion Ratio Lower Upper
232 100
131 52.9 37.0 55.4
130 2.3 1.8 2.6
166 32.7 22.0 33.0



#60
Diethylphthalate
Concen: 36.687 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:149 Resp: 306403
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.3 9.8 14.8

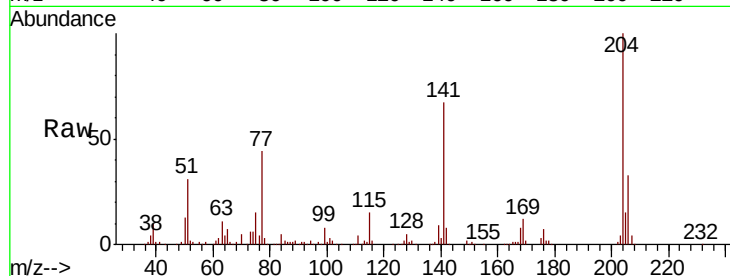




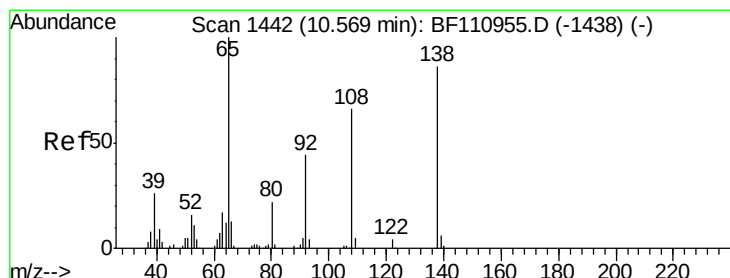
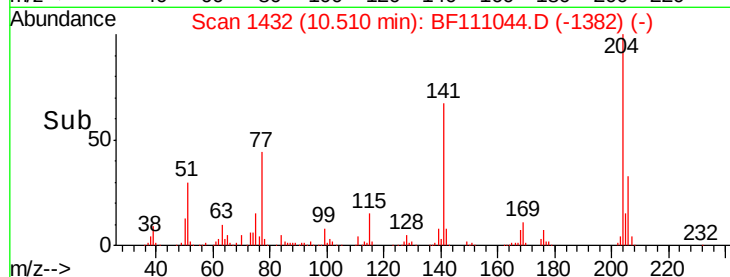
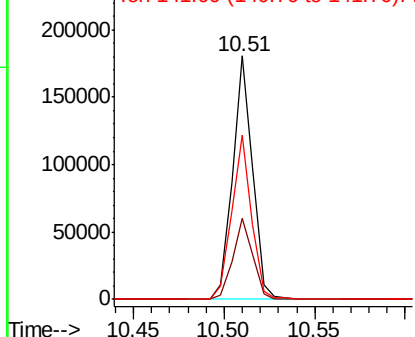
#61
4-Chlorophenyl-phenylether
Concen: 34.544 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 138003
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 67.3 51.8 77.8

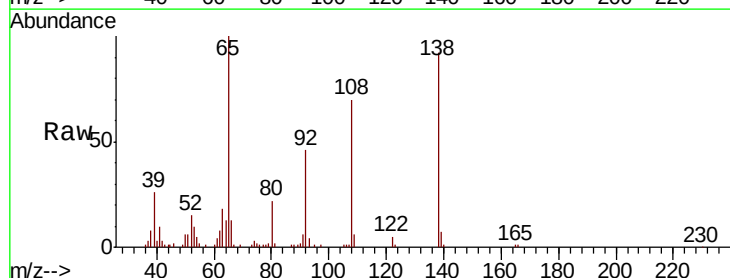


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

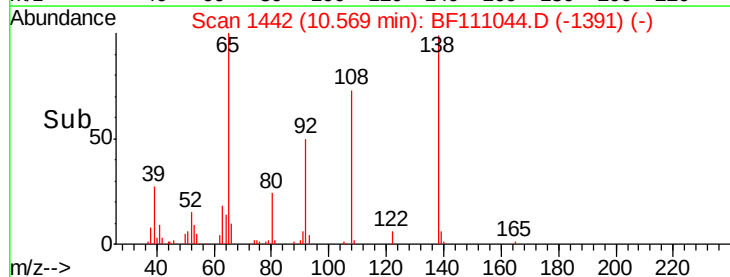
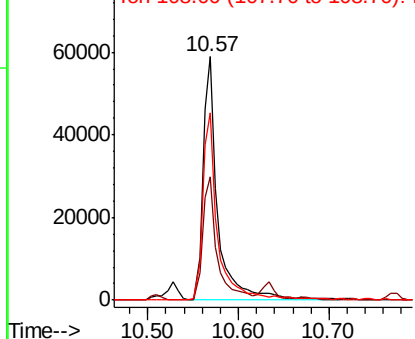


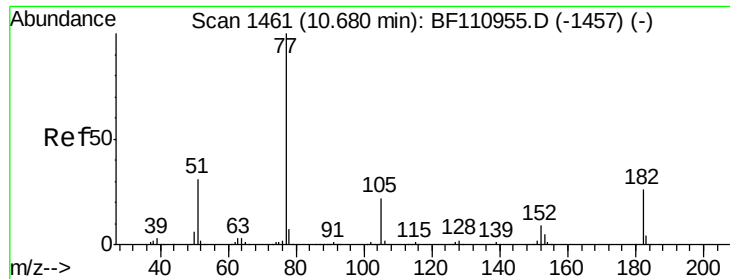
#62
4-Nitroaniline
Concen: 34.528 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:138 Resp: 67557
Ion Ratio Lower Upper
138 100
92 50.4 31.7 71.7
108 76.8 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

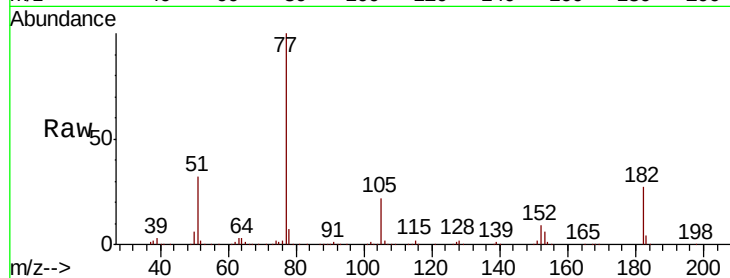




#63
Azobenzene
Concen: 34.985 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	4.3	44.3	
105	22.0	1.3	41.3	
51	31.6	9.0	49.0	



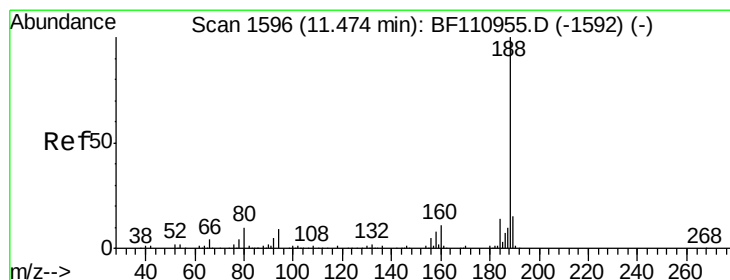
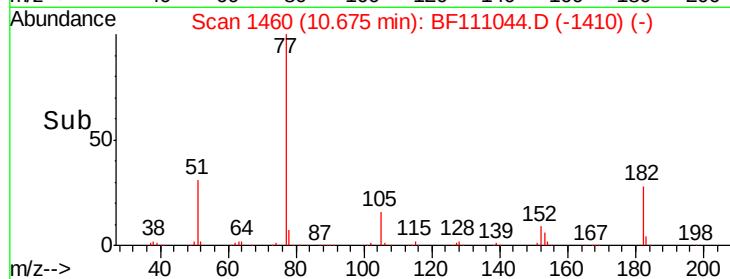
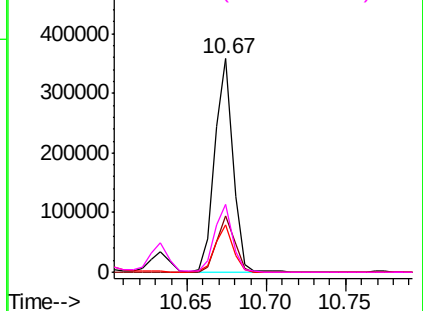
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

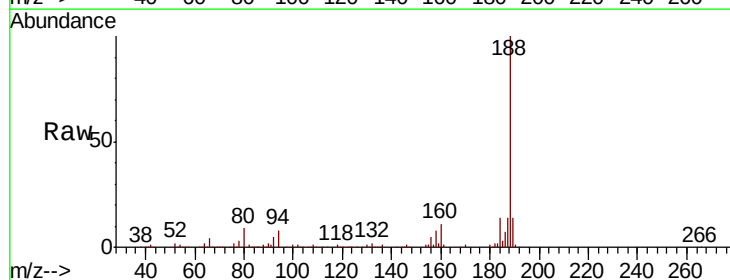
Ion 105.00 (104.70 to 105.70): E

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: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	7.2	10.8	
80	8.6	7.9	11.9	

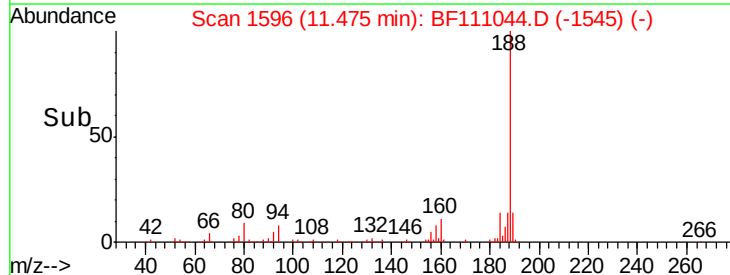
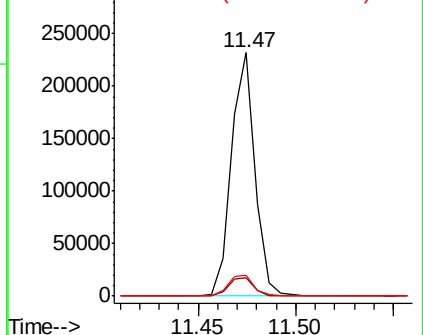


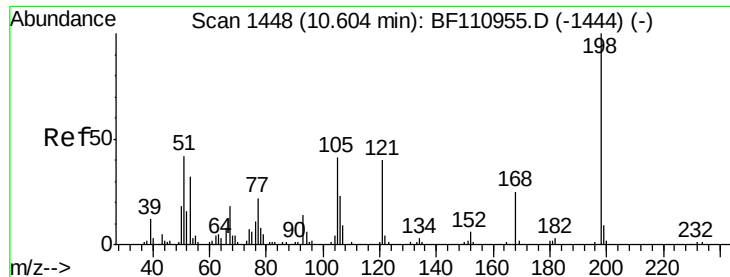
Abundance

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

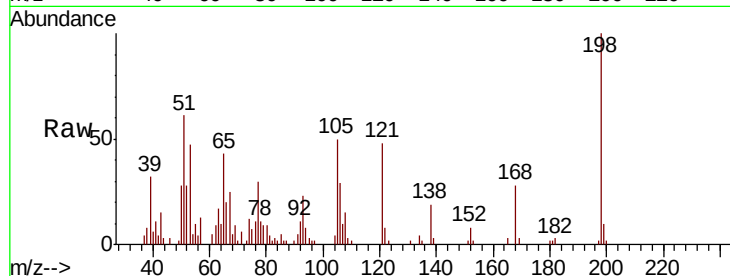




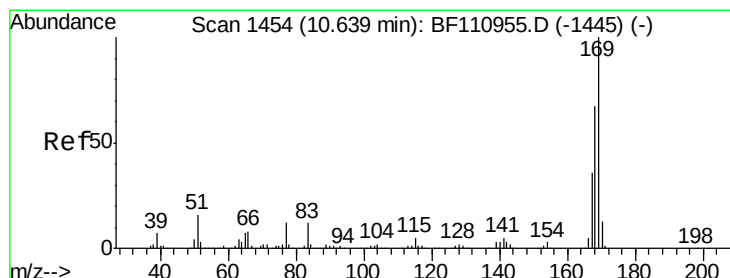
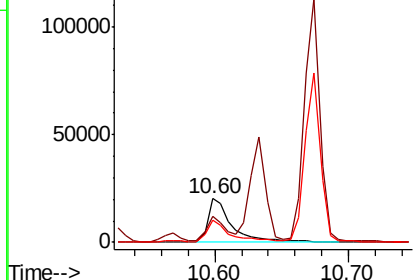
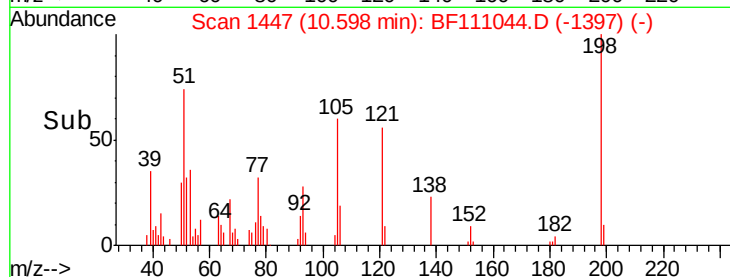
#65
4,6-Dinitro-2-methylphenol
Concen: 28.071 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 25691
Ion Ratio Lower Upper
198 100
51 60.6 22.8 62.8
105 49.6 23.6 63.6

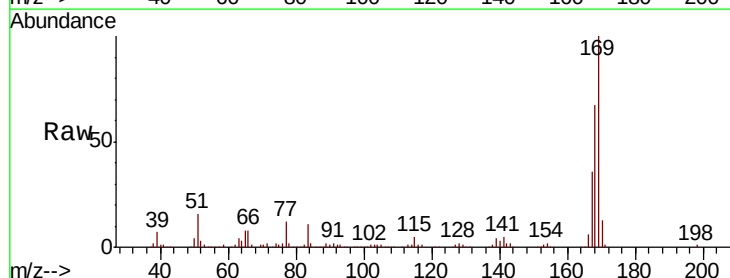


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

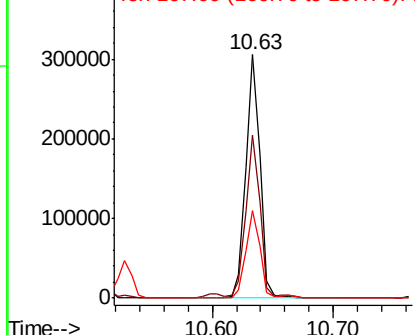
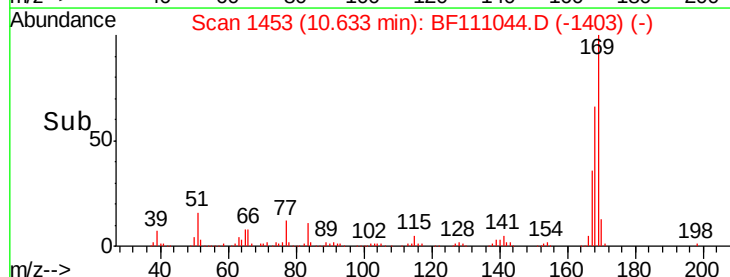


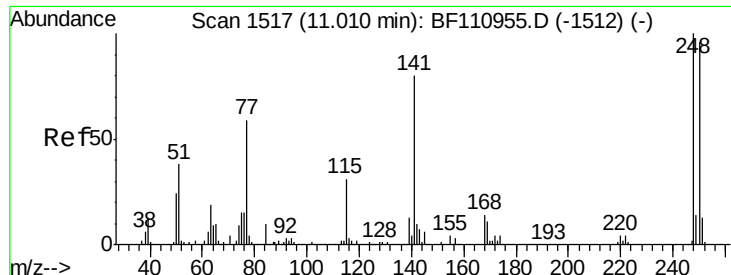
#66
n-Nitrosodiphenylamine
Concen: 39.088 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:169 Resp: 251756
Ion Ratio Lower Upper
169 100
168 66.8 51.2 76.8
167 35.8 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

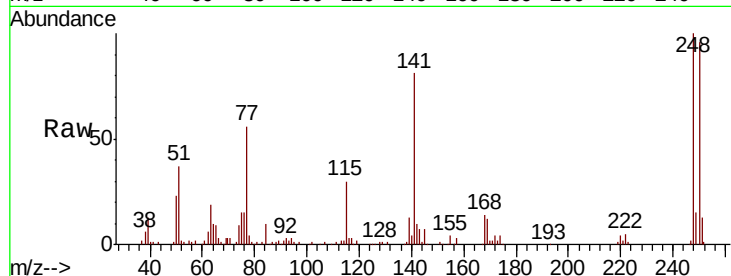




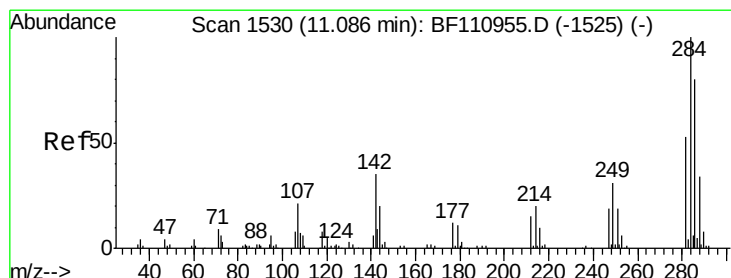
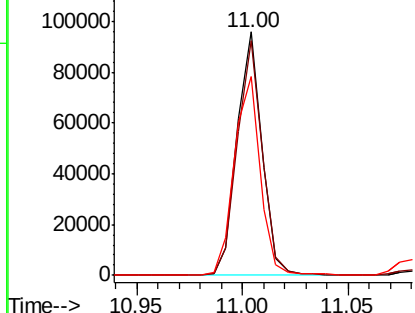
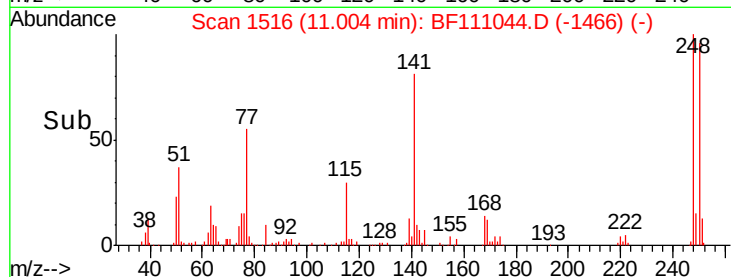
#67
4-Bromophenyl-phenylether
Concen: 37.045 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 78058
Ion Ratio Lower Upper
248 100
250 96.3 79.4 119.2
141 81.5 55.9 83.9

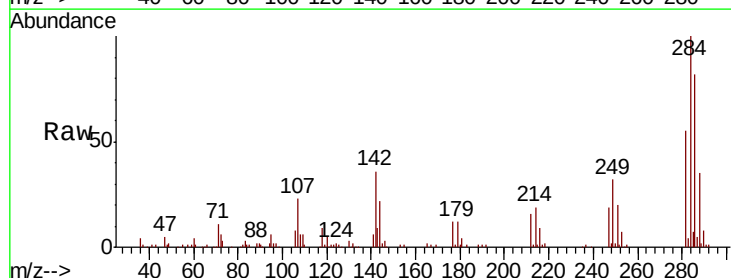


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

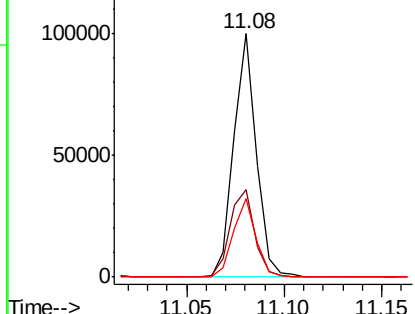
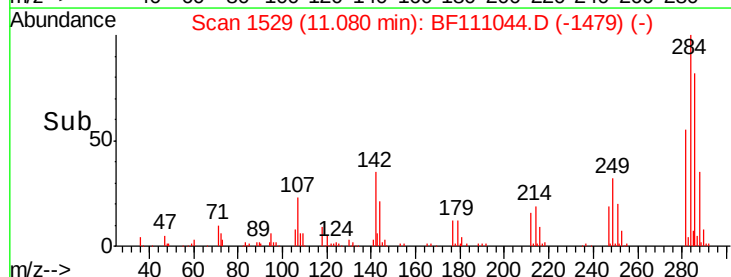


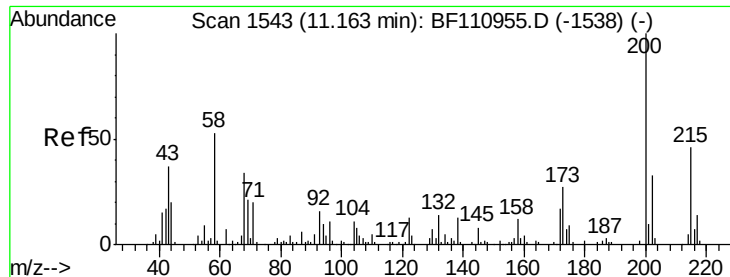
#68
Hexachlorobenzene
Concen: 35.686 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:284 Resp: 80094
Ion Ratio Lower Upper
284 100
142 35.9 23.9 35.9#
249 32.2 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

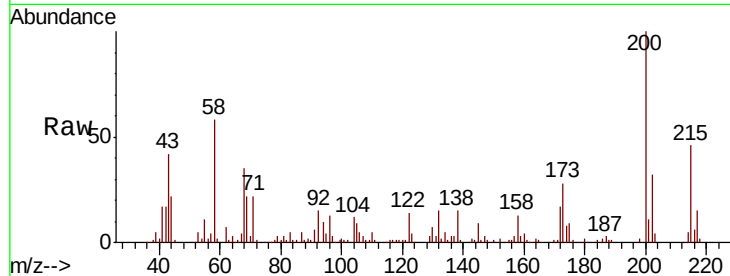




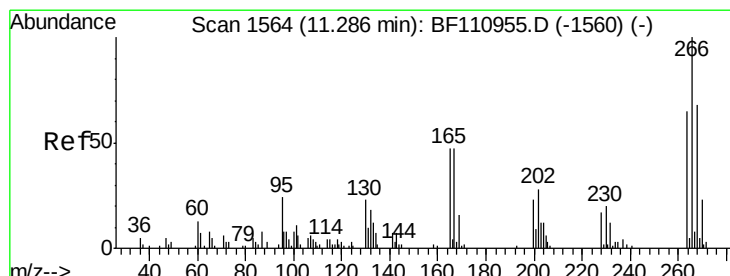
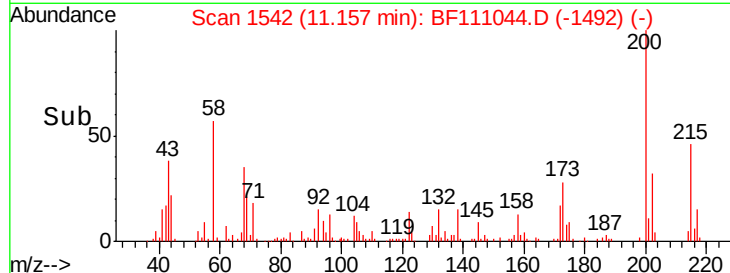
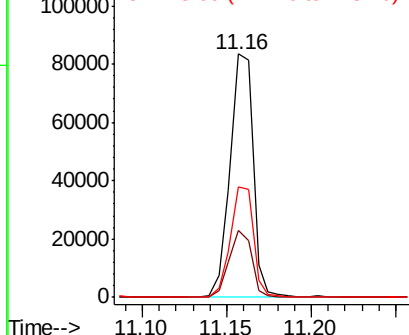
#69
 Atrazine
 Concen: 48.712 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 79246
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.6 46.6
 215 45.6 26.3 66.3

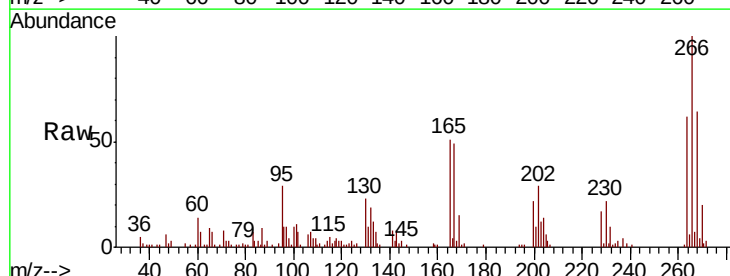


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

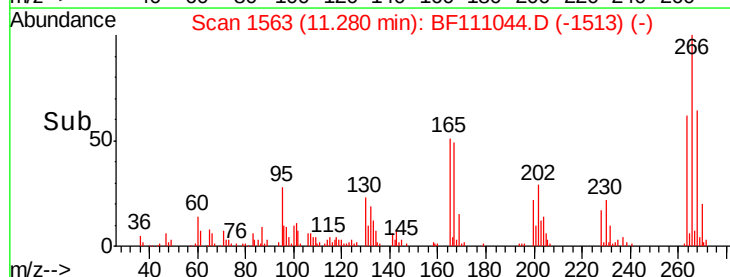
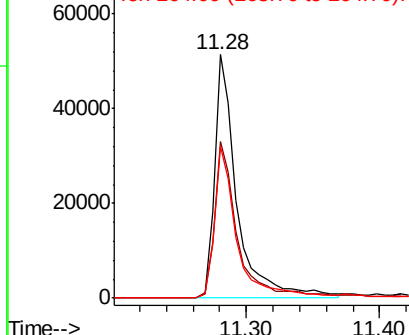


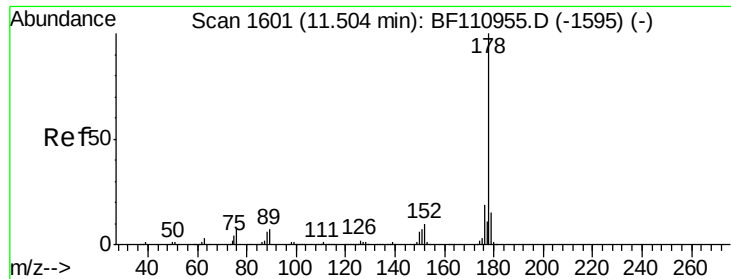
#70
 Pentachlorophenol
 Concen: 68.313 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion:266 Resp: 60999
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.6 75.8
 264 62.0 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

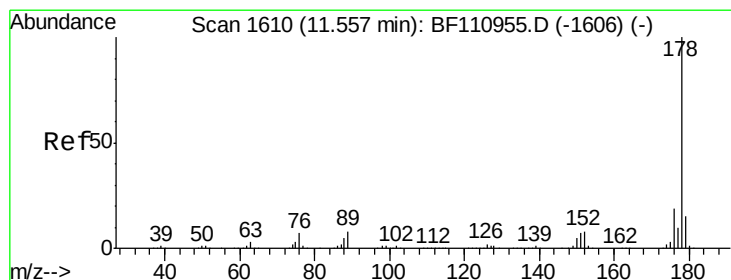
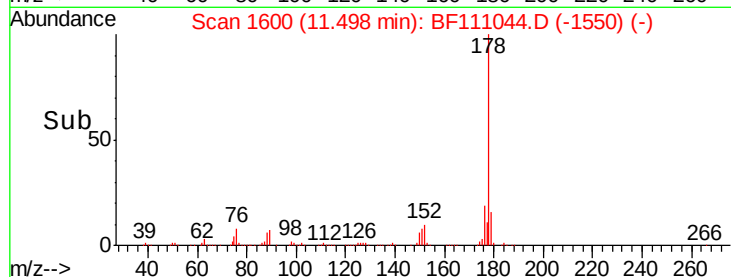
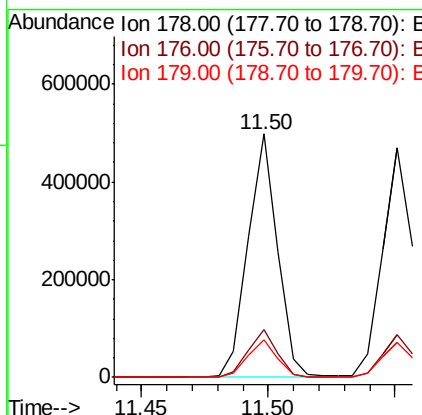
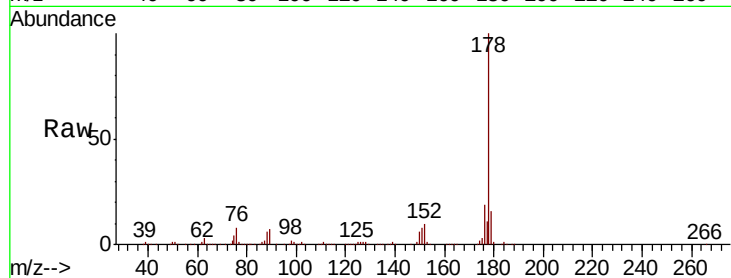




#71
Phenanthrene
Concen: 39.531 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

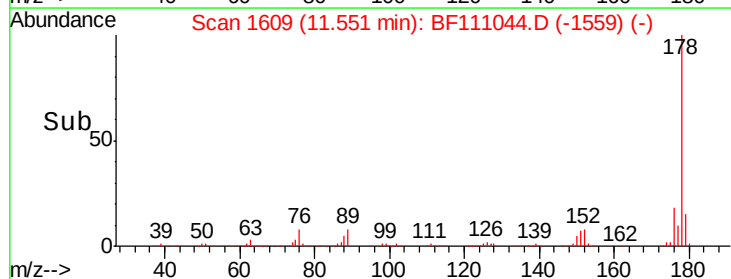
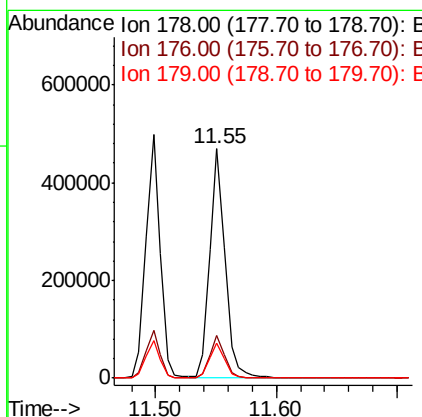
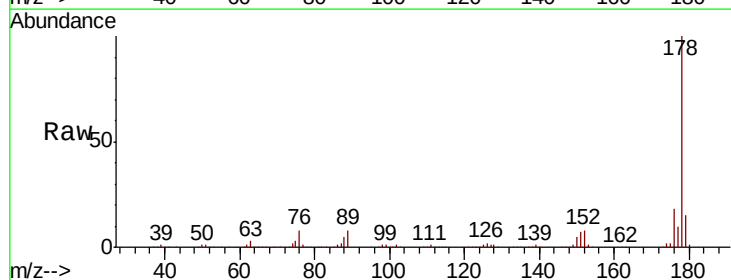
Instrument :
BNA_F
ClientSampleId :

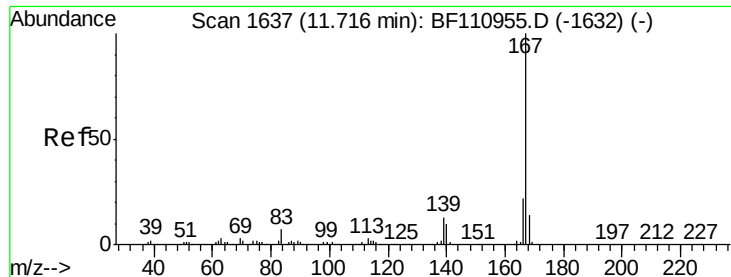
Tot Ion:178 Resp: 405077
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.470 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:178 Resp: 411892
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.5 12.6 18.8





#73

Carbazole

Concen: 34.459 ng

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

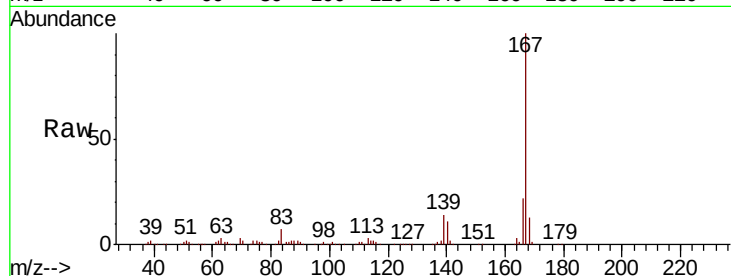
Tot Ion:167 Resp: 349035

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

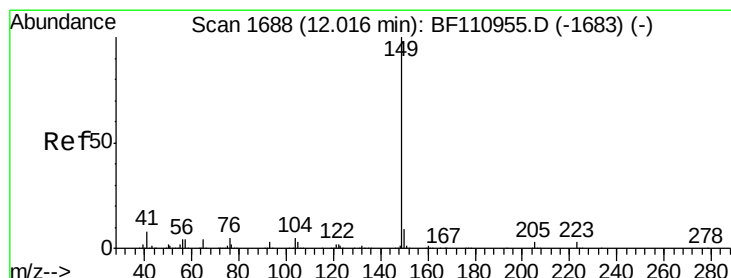
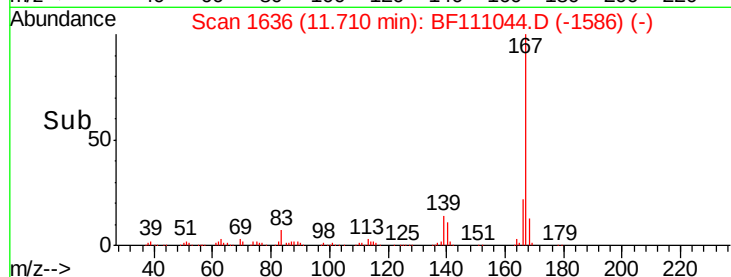
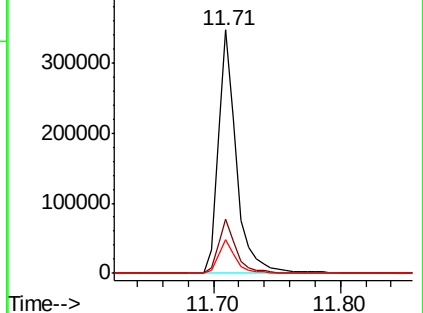
139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.864 ng

RT: 12.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

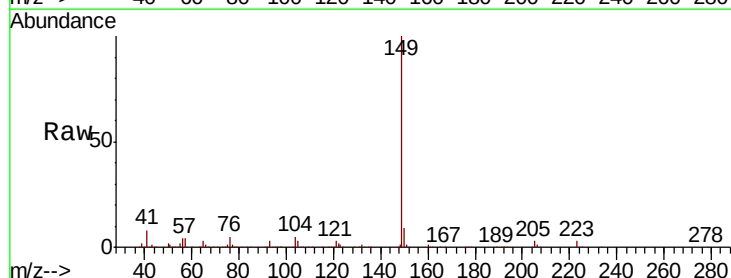
Tgt Ion:149 Resp: 436570

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

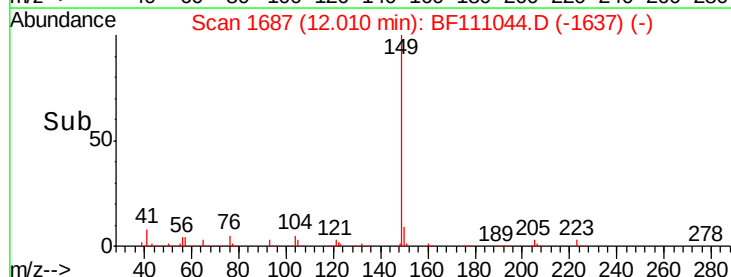
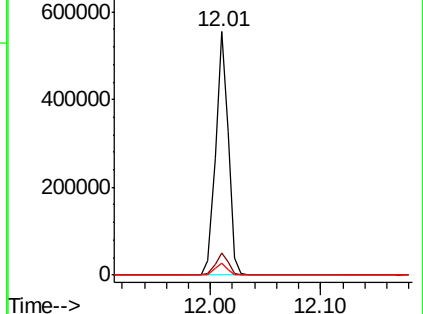
104 5.1 4.2 6.4

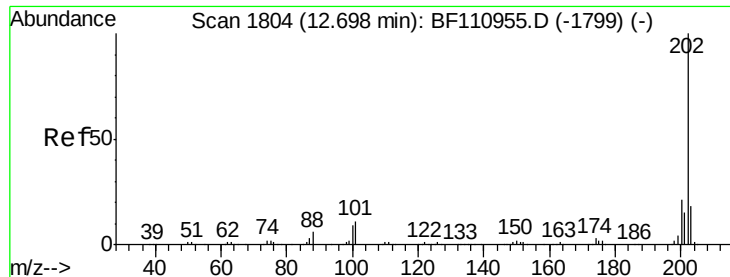


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

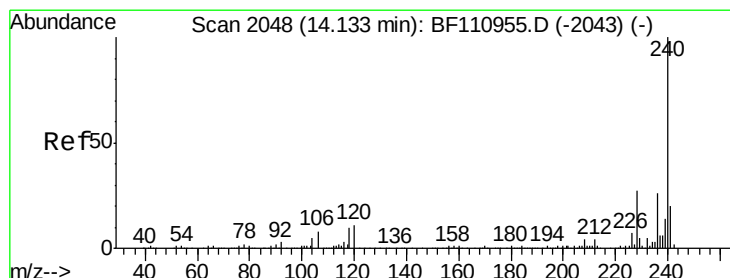
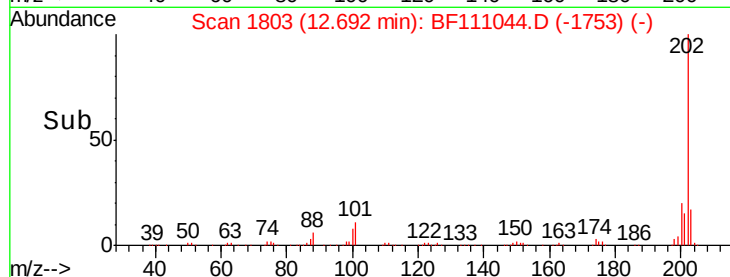
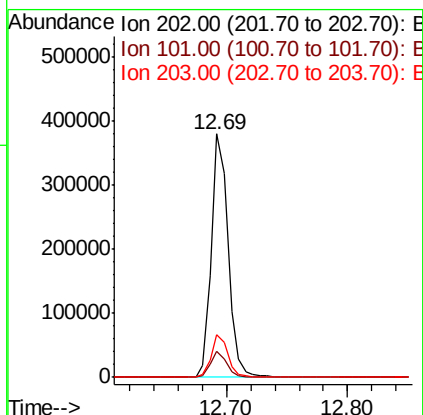
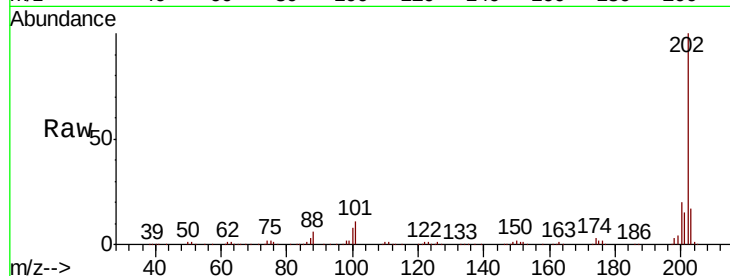




#75
 Fluoranthene
 Concen: 34.619 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

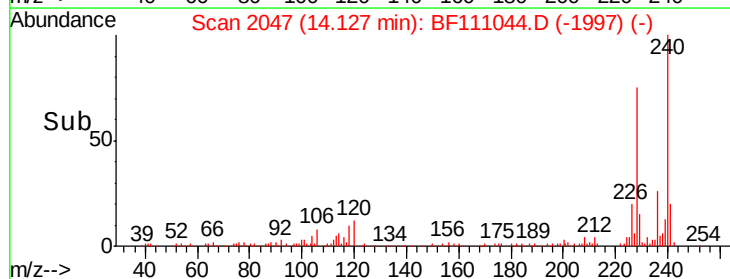
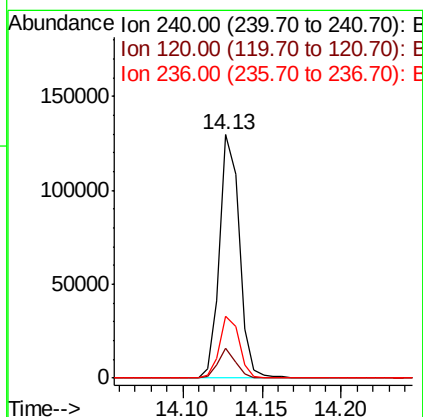
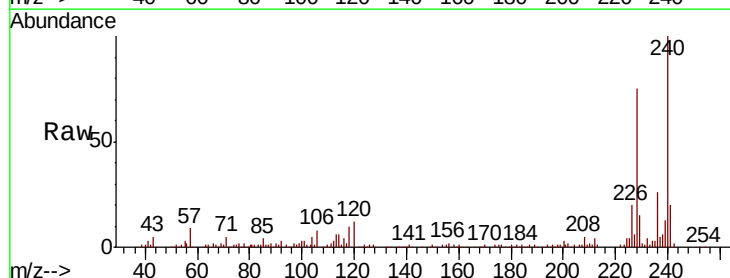
Instrument :
 BNA_F
 ClientSampleId :

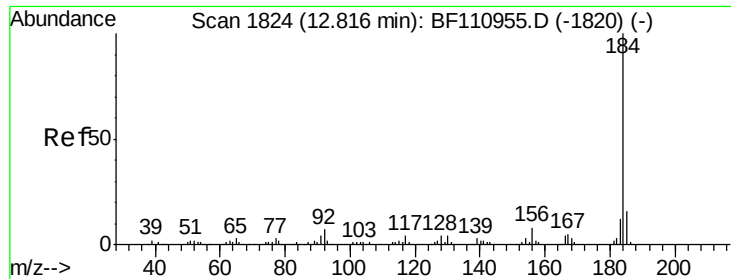
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111044.D
 Acq: 28 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.5	21.2	31.8





#77

Benzidine

Concen: 31.534 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

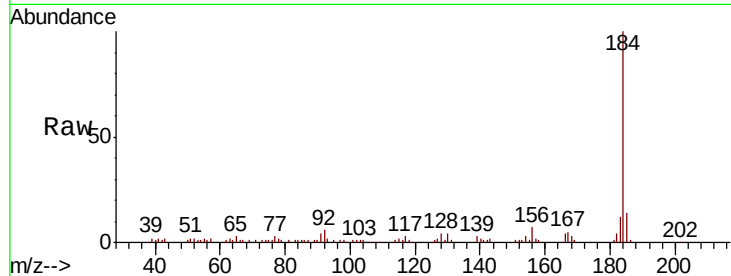
Tot Ion:184 Resp: 91249

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.2

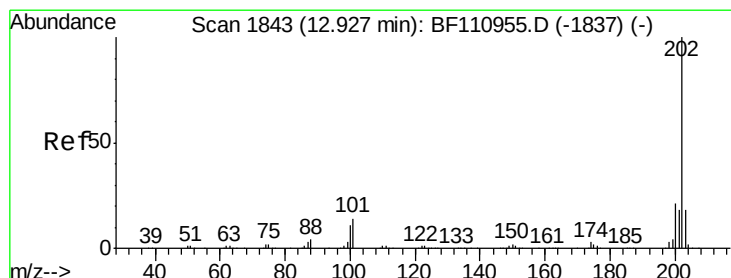
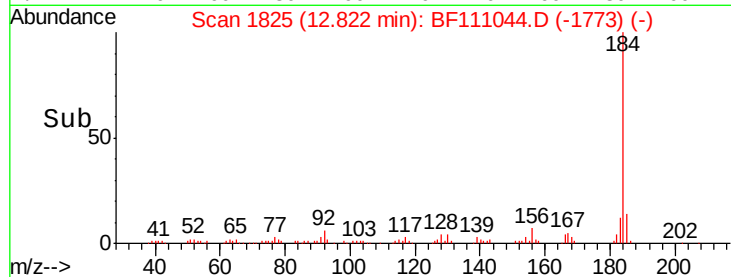
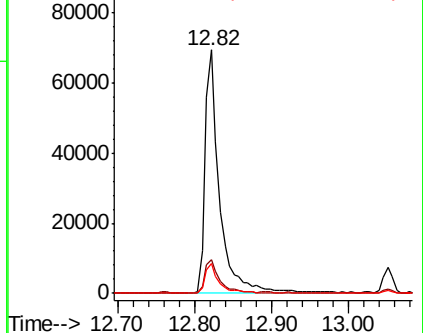
183 12.4 9.4 14.2



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: 43.434 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

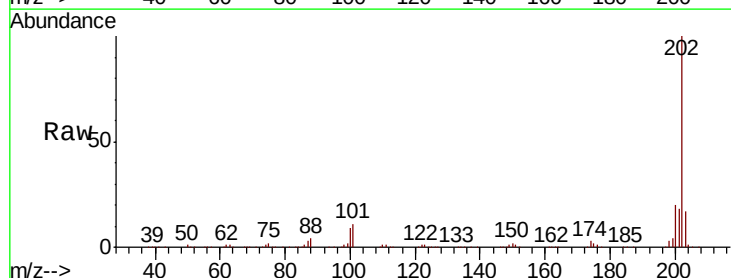
Tgt Ion:202 Resp: 358880

Ion Ratio Lower Upper

202 100

200 20.0 17.8 26.6

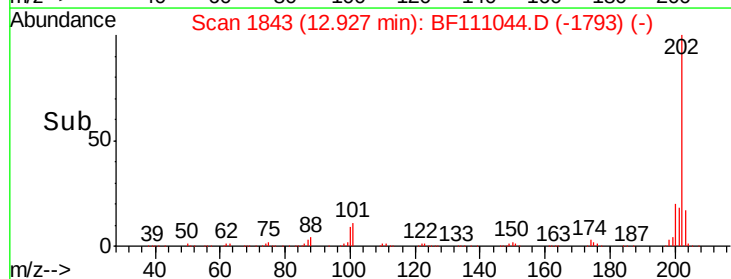
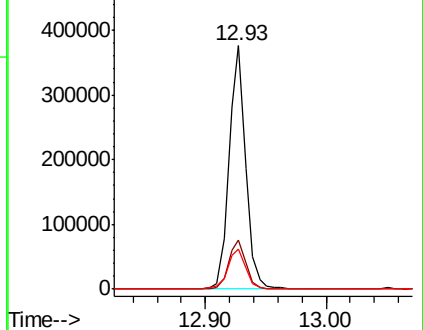
203 16.7 14.2 21.4

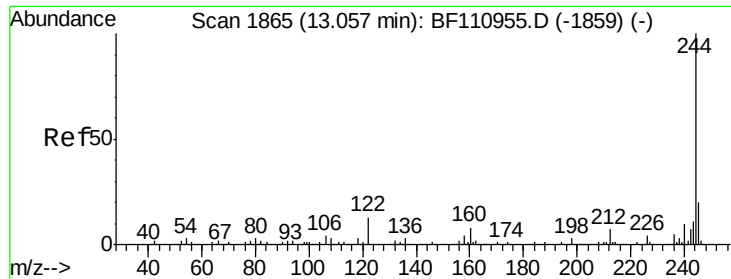


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.668 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

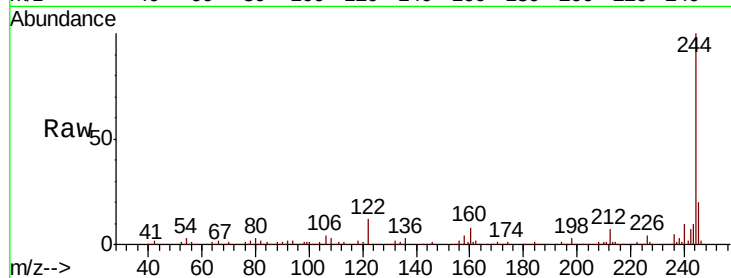
Tot Ion:244 Resp: 445557

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

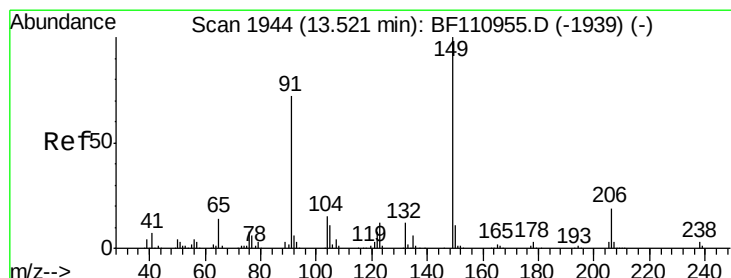
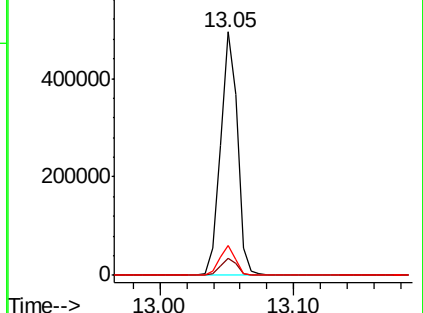
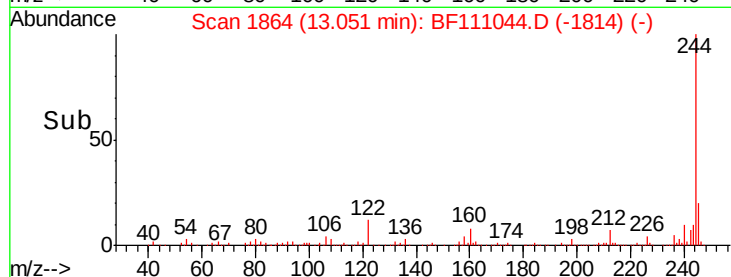
122 12.4 8.7 13.1



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: 38.047 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

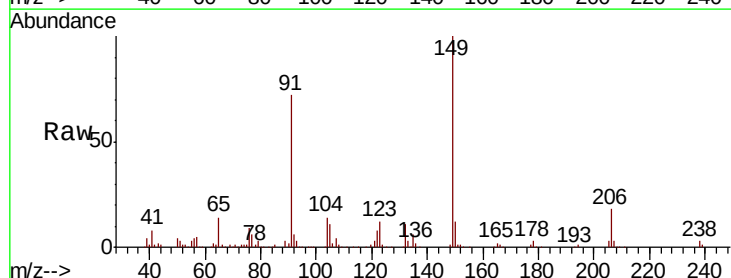
Tgt Ion:149 Resp: 141934

Ion Ratio Lower Upper

149 100

91 71.6 57.2 85.8

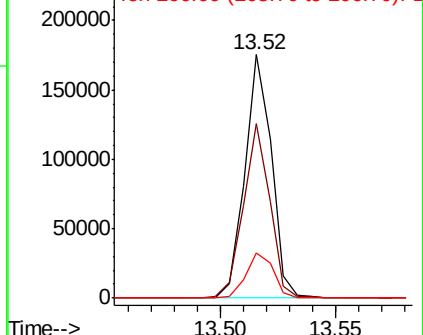
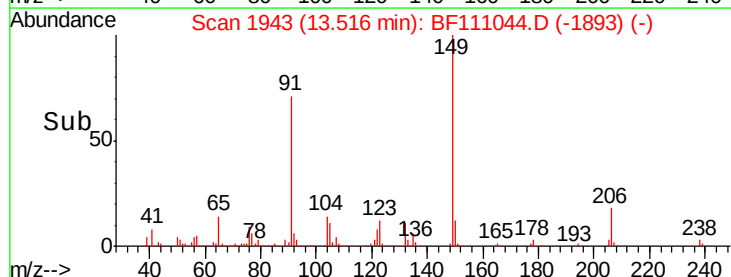
206 18.3 15.7 23.5

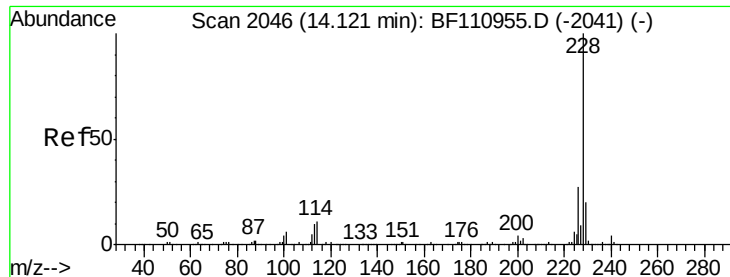


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.005 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

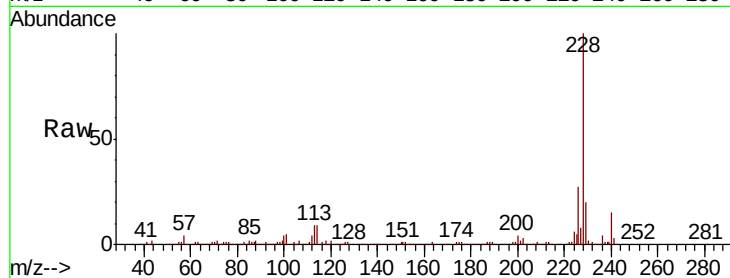
Tot Ion:228 Resp: 267198

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

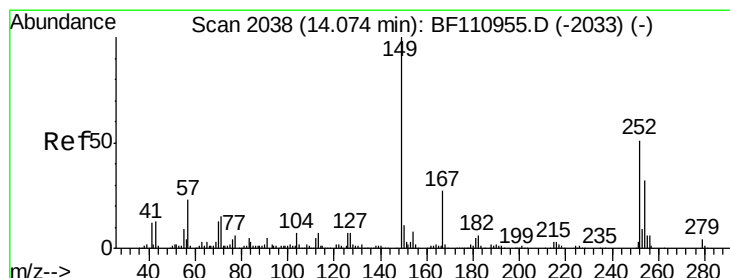
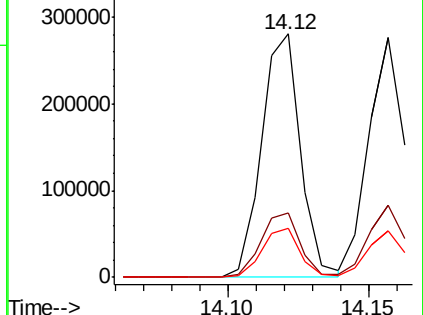
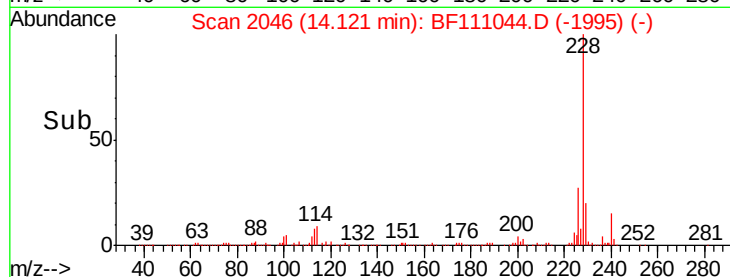
229 19.9 15.6 23.4



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: 23.887 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

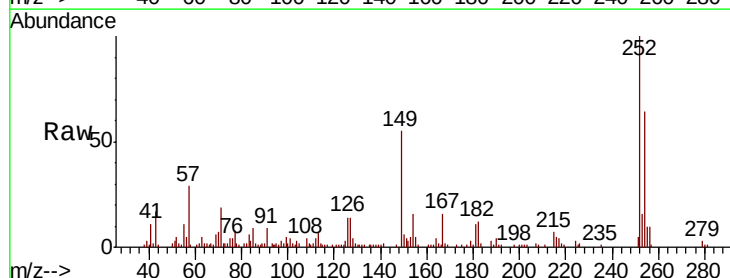
Tgt Ion:252 Resp: 54705

Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

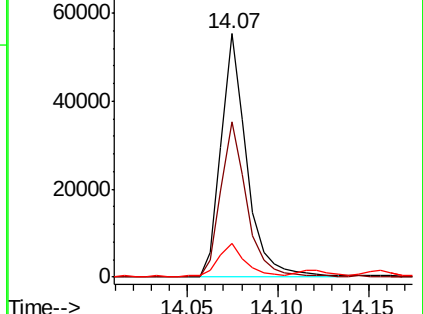
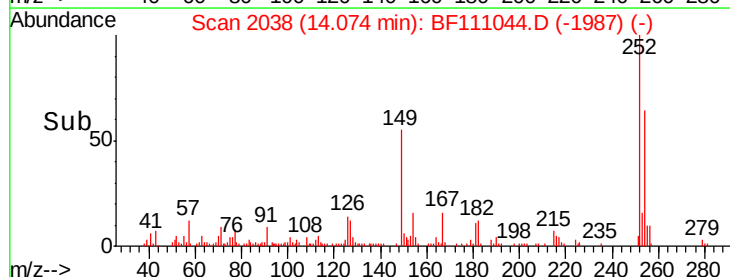
126 13.6 9.4 14.2

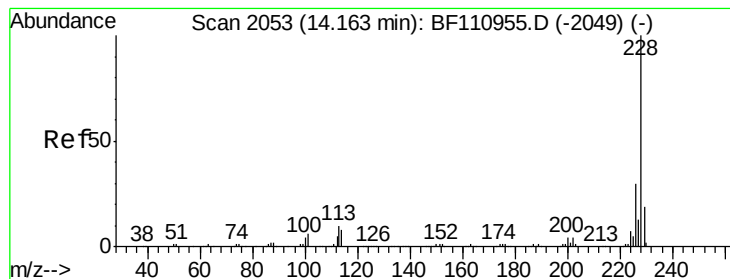


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.565 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

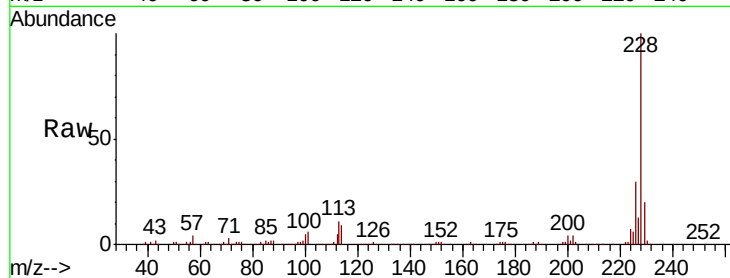
Tot Ion:228 Resp: 253561

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

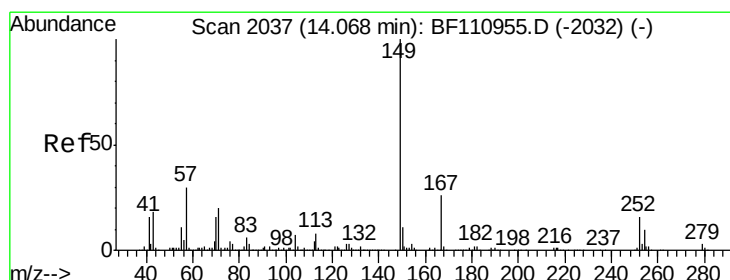
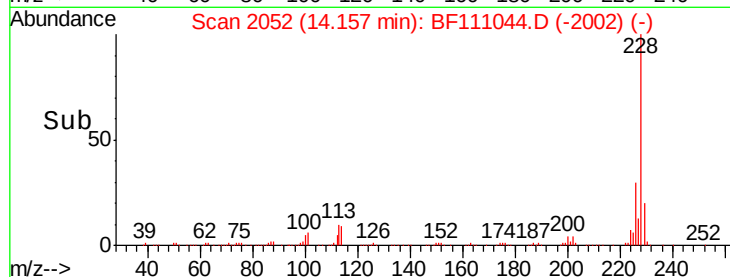
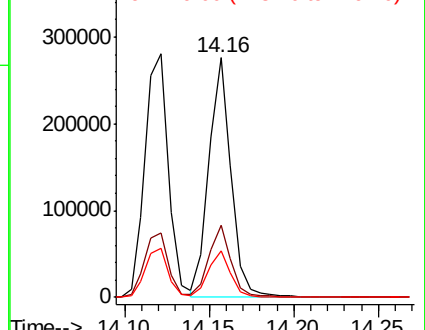
229 19.6 15.9 23.9



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: 37.867 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

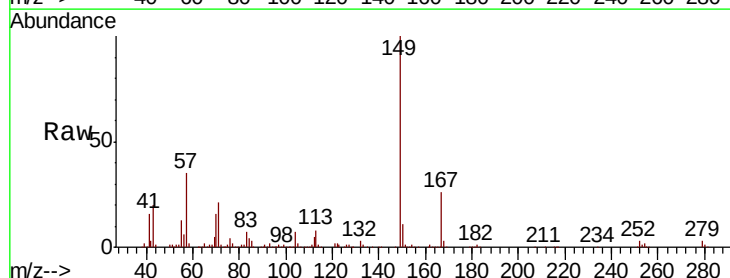
Tgt Ion:149 Resp: 188230

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

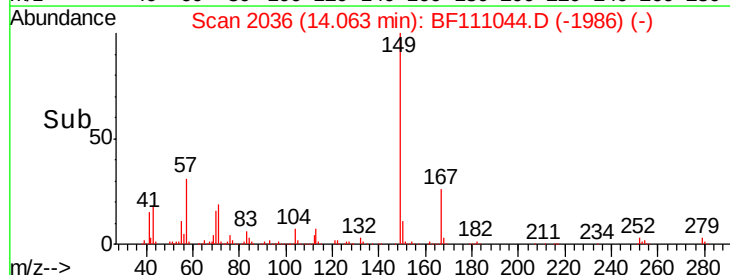
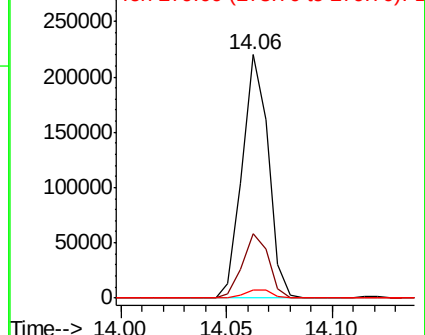
279 3.3 2.7 4.1

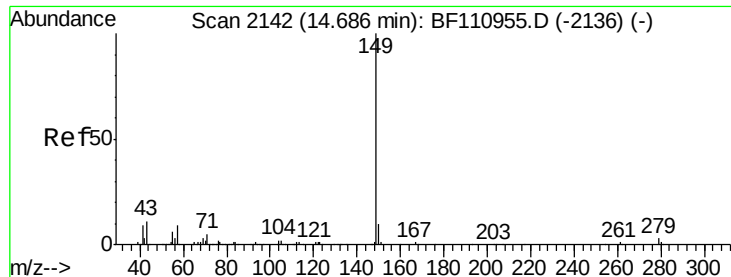


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.032 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampleId :

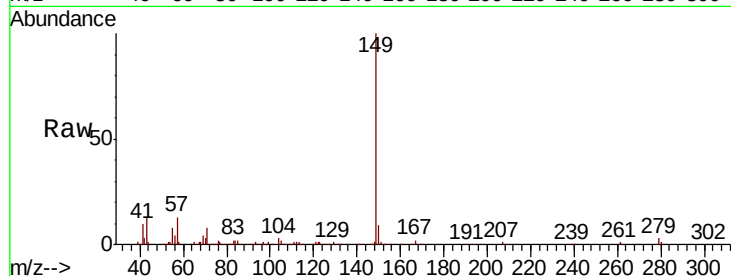
Tot Ion:149 Resp: 314112

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

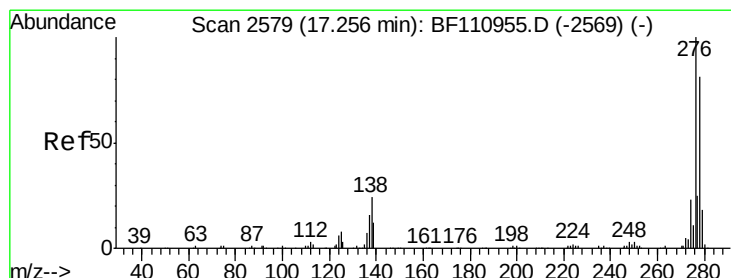
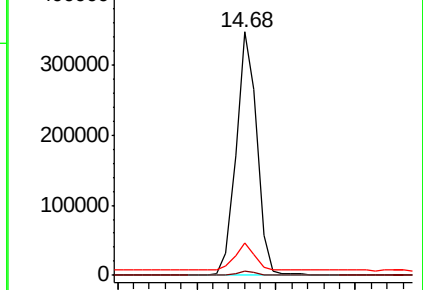
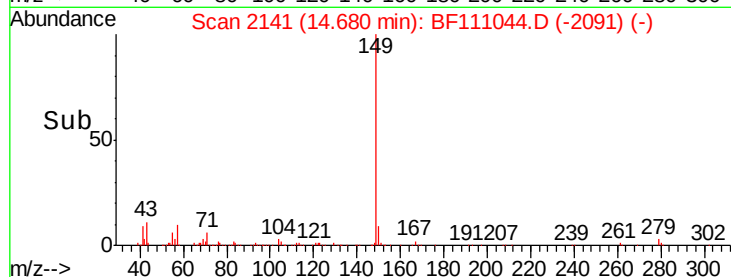
43 14.7 7.8 11.8#



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: 63.482 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

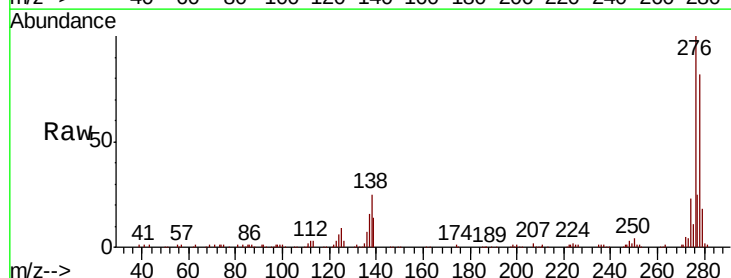
Tgt Ion:276 Resp: 299605

Ion Ratio Lower Upper

276 100

138 24.1 18.5 27.7

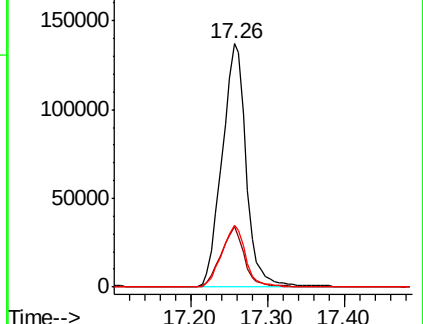
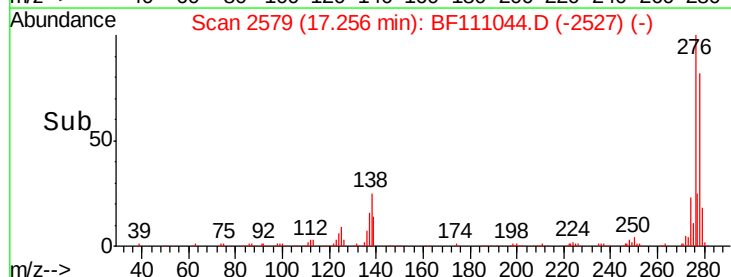
277 25.1 20.0 30.0

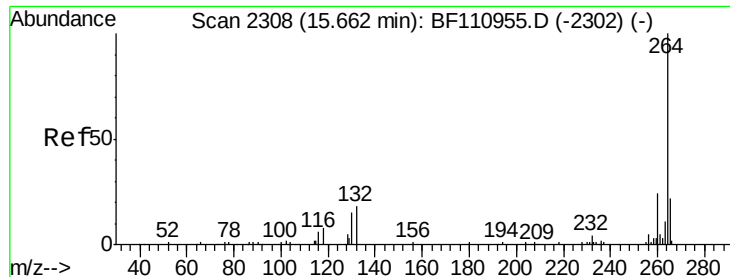


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



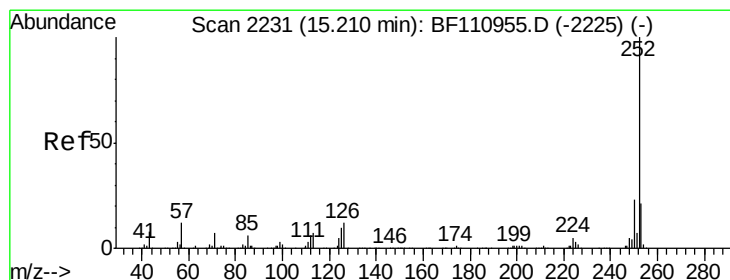
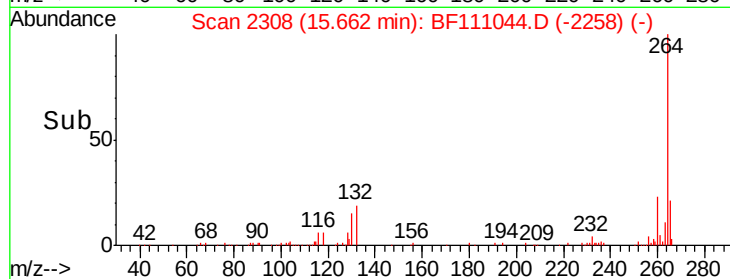
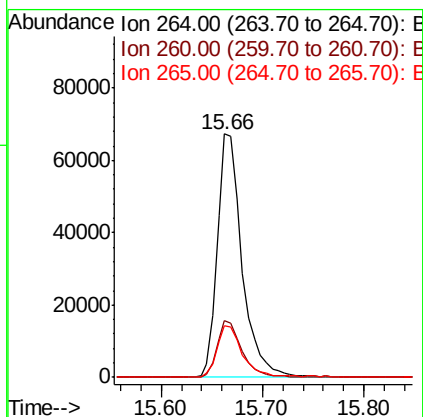
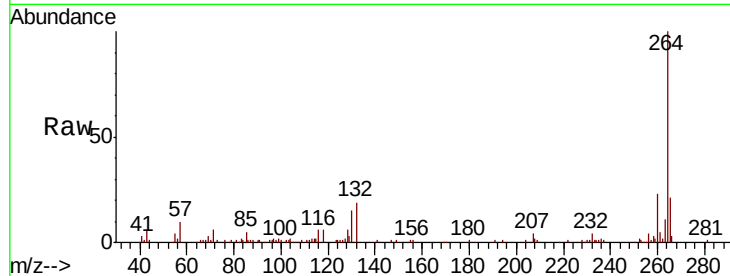


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 114387

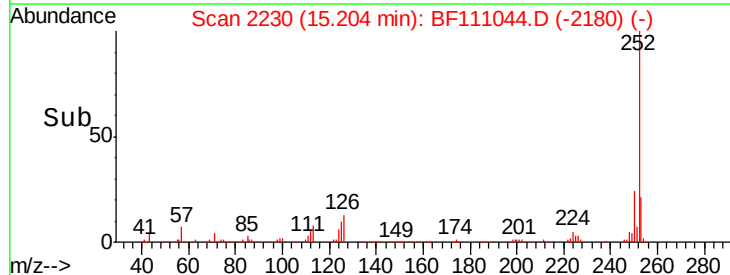
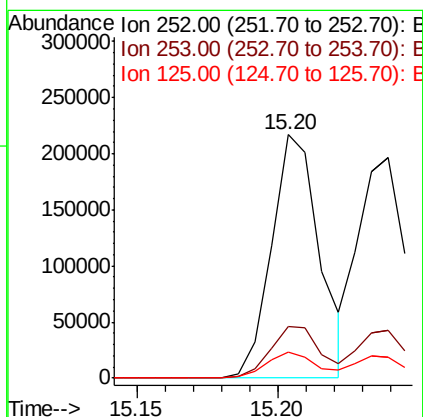
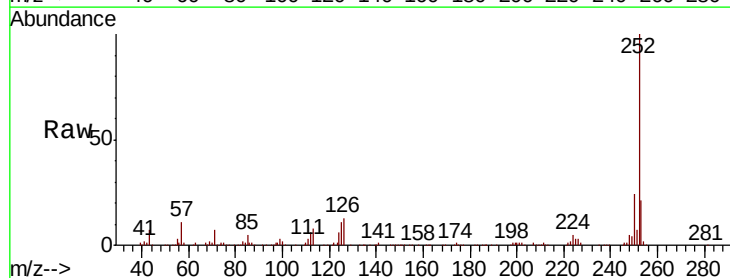
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1

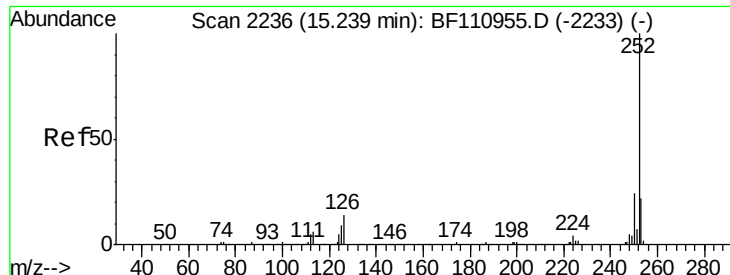


#88
Benzo(b)fluoranthene
Concen: 38.109 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111044.D
Acq: 28 Nov 2018 14:38

Tgt Ion:252 Resp: 256085

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.6	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 35.232 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampled :

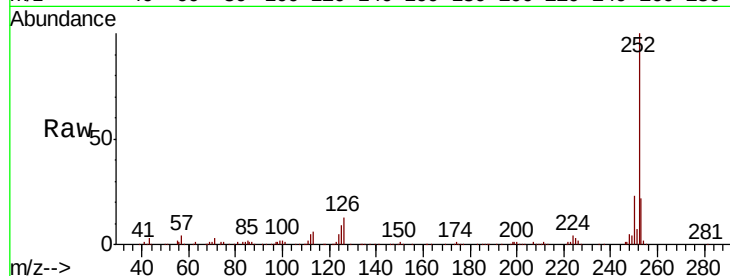
Tot Ion:252 Resp: 243686

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.5 7.4 11.0

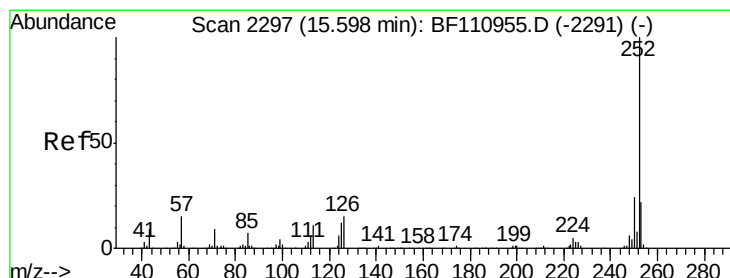
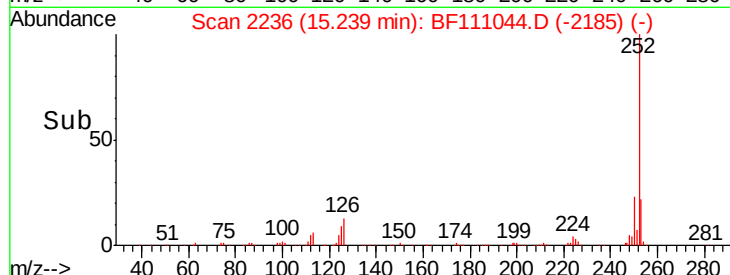
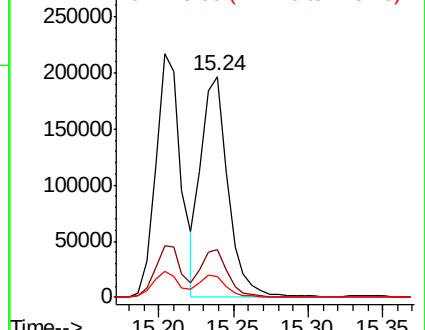


Abundance

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



#90

Benzo(a)pyrene

Concen: 40.166 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

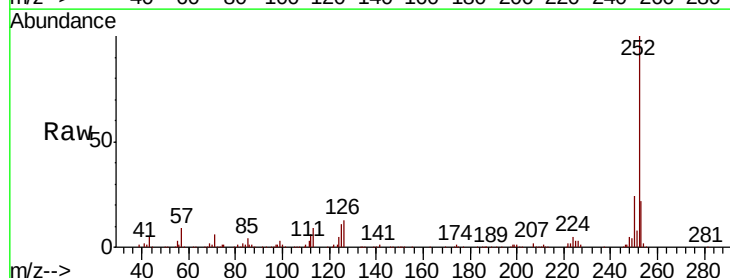
Tgt Ion:252 Resp: 251239

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

125 11.2 9.0 13.6

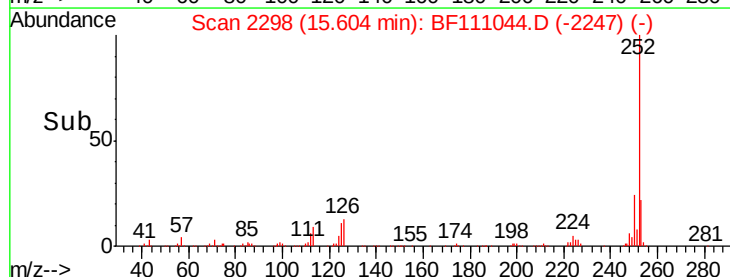
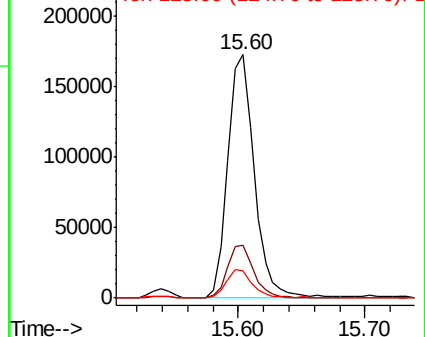


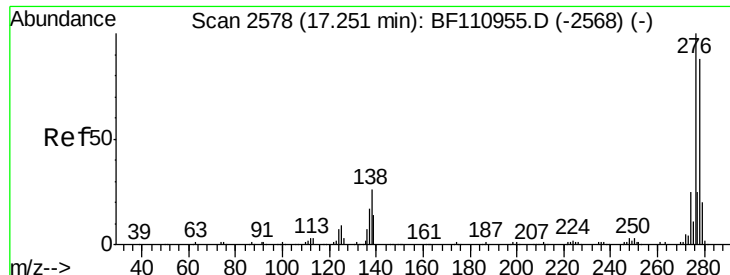
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 48.262 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

Instrument :

BNA_F

ClientSampled :

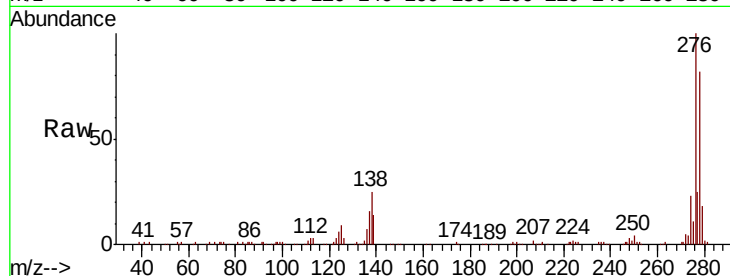
Tot Ion:278 Resp: 249074

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

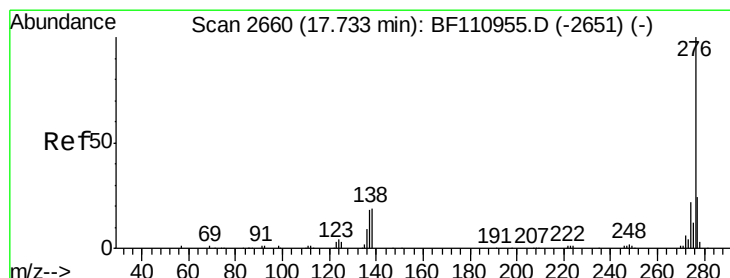
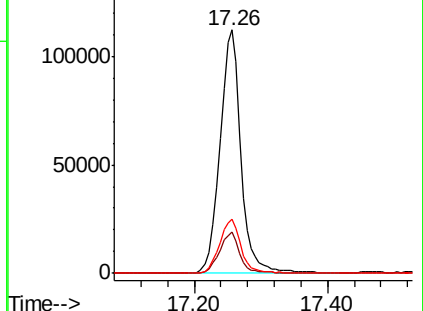
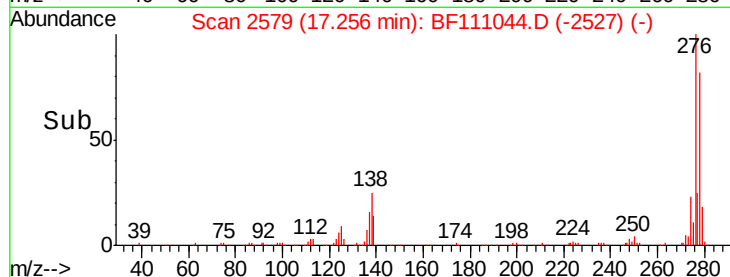
279 22.4 19.0 28.4



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: 50.110 ng

RT: 17.74 min Scan# 2661

Delta R.T. -0.00 min

Lab File: BF111044.D

Acq: 28 Nov 2018 14:38

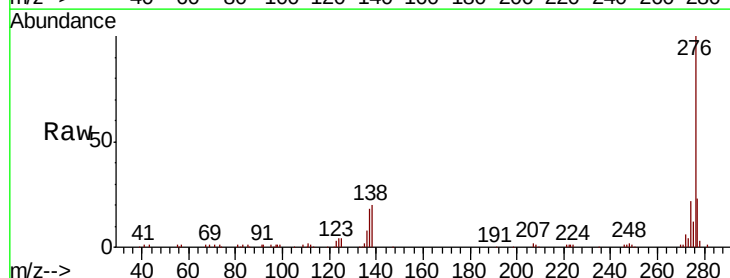
Tgt Ion:276 Resp: 249350

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 20.1 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

