

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111048.D
 Acq On : 28 Nov 2018 16:29
 Operator : JU/SJ
 Sample : J6083-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 10:30:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:23:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57663	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	235697	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	112279	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	193348	20.00	ng	0.00
76) Chrysene-d12	14.13	240	110964	20.00	ng	0.00
87) Perylene-d12	15.66	264	112645	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	401117	115.36	ng	0.01
7) Phenol-d6	6.57	99	522722	115.36	ng	0.00
23) Nitrobenzene-d5	7.50	82	331448	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	118768	106.51	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	596035	76.91	ng	0.00
79) Terphenyl-d14	13.05	244	471564	82.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	47247	28.361	ng	89
3) Pyridine	3.61	79	118175	32.395	ng	87
4) n-Nitrosodimethylamine	3.56	42	67525	40.453	ng	83
6) Aniline	6.60	93	151993	27.133	ng	# 59
8) 2-Chlorophenol	6.72	128	161558	39.205	ng	99
9) Benzaldehyde	6.50	77	95667	39.346	ng	95
10) Phenol	6.58	94	223113	43.721	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	146434	38.088	ng	94
12) 1,3-Dichlorobenzene	6.87	146	166414	36.759	ng	99
13) 1,4-Dichlorobenzene	6.95	146	172089	36.965	ng	99
14) 1,2-Dichlorobenzene	7.10	146	162994	37.199	ng	99
15) Benzyl Alcohol	7.08	79	133687	38.389	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	231753	37.877	ng	89
17) 2-Methylphenol	7.19	107	127757	38.992	ng	# 85
18) Hexachloroethane	7.43	117	62588	36.548	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	113825	38.562	ng	97
20) 3+4-Methylphenols	7.35	107	167813	38.529	ng	# 46
22) Acetophenone	7.35	105	223667	40.485	ng	# 93
24) Nitrobenzene	7.52	77	168992	39.459	ng	96
25) Isophorone	7.76	82	306078	45.307	ng	96
26) 2-Nitrophenol	7.84	139	82911	39.847	ng	97
27) 2,4-Dimethylphenol	7.87	122	145169	46.199	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	189168	41.798	ng	99
29) 2,4-Dichlorophenol	8.08	162	134421	40.881	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	143046	38.819	ng	96
31) Naphthalene	8.24	128	472752	42.789	ng	100
32) Benzoic acid	7.87	122	145169	62.139	ng	# 10
33) 4-Chloroaniline	8.30	127	86035	18.295	ng	99
34) Hexachlorobutadiene	8.34	225	78105	37.214	ng	98
35) Caprolactam	8.67	113	41792	37.229	ng	93
36) 4-Chloro-3-methylphenol	8.78	107	145544	39.838	ng	95
37) 2-Methylnaphthalene	8.93	142	323101	44.275	ng	98
38) 1-Methylnaphthalene	9.03	142	300613	42.350	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	137155	38.832	ng	99

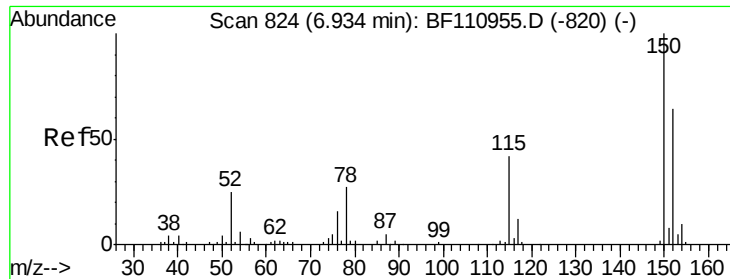
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111048.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:23:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	23659	53.121	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	79266	37.576	ng	97
44) 2,4,5-Trichlorophenol	9.26	196	89198	40.158	ng	96
46) 1,1'-Biphenyl	9.39	154	387434	37.428	ng	98
47) 2-Chloronaphthalene	9.42	162	295309	39.346	ng	99
48) 2-Nitroaniline	9.53	65	94195	40.124	ng	96
49) Acenaphthylene	9.84	152	447831	41.961	ng	98
50) Dimethylphthalate	9.69	163	370753	45.024	ng	99
51) 2,6-Dinitrotoluene	9.77	165	74138	40.442	ng	96
52) Acenaphthene	10.01	154	275180	40.220	ng	97
53) 3-Nitroaniline	9.95	138	60178	28.165	ng	92
54) 2,4-Dinitrophenol	10.12	184	1665	6.169	ng	# 1
55) Dibenzofuran	10.18	168	389132	38.986	ng	99
56) 4-Nitrophenol	10.12	139	45579	40.579	ng	92
57) 2,4-Dinitrotoluene	10.18	165	95684	40.230	ng	# 81
58) Fluorene	10.53	166	321793	41.437	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	62997	34.559	ng	93
60) Diethylphthalate	10.39	149	338665	39.882	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	150673	37.094	ng	99
62) 4-Nitroaniline	10.57	138	76198	38.303	ng	96
63) Azobenzene	10.67	77	313344	37.858	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	12395	13.552	ng	88
66) n-Nitrosodiphenylamine	10.63	169	277922	43.179	ng	96
67) 4-Bromophenyl-phenylether	11.00	248	86632	41.141	ng	96
68) Hexachlorobenzene	11.08	284	90047	40.148	ng	95
69) Atrazine	11.16	200	88291	53.303	ng	99
70) Pentachlorophenol	11.28	266	42605	47.746	ng	94
71) Phenanthrene	11.50	178	436160	42.593	ng	99
72) Anthracene	11.55	178	457302	43.851	ng	98
73) Carbazole	11.71	167	384231	37.959	ng	99
74) Di-n-butylphthalate	12.01	149	489270	41.341	ng	99
75) Fluoranthene	12.69	202	386862	36.757	ng	99
77) Benzidine	12.82	184	165256	58.225	ng	97
78) Pyrene	12.93	202	372504	45.963	ng	100
80) Butylbenzylphthalate	13.52	149	157664	43.089	ng	99
81) Benzo(a)anthracene	14.12	228	284250	43.389	ng	98
82) 3,3'-Dichlorobenzidine	14.07	252	78709	35.039	ng	98
83) Chrysene	14.16	228	266708	41.356	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	202483	41.530	ng	98
85) Di-n-octyl phthalate	14.68	149	334316	43.439	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	297553	64.278	ng	99
88) Benzo(b)fluoranthene	15.20	252	269514	40.728	ng	100
89) Benzo(k)fluoranthene	15.23	252	253240	37.180	ng	99
90) Benzo(a)pyrene	15.60	252	259561	42.138	ng	97
91) Dibenzo(a,h)anthracene	17.25	278	250257	49.241	ng	99
92) Benzo(g,h,i)perylene	17.74	276	237617	48.490	ng	100

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

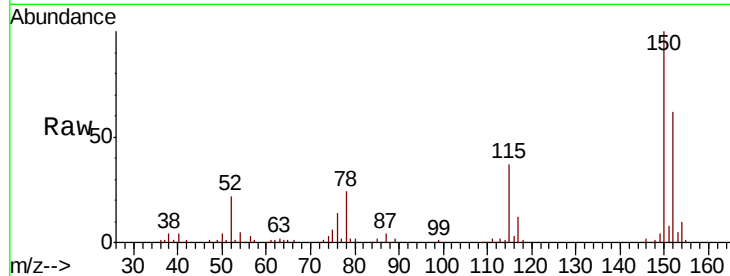


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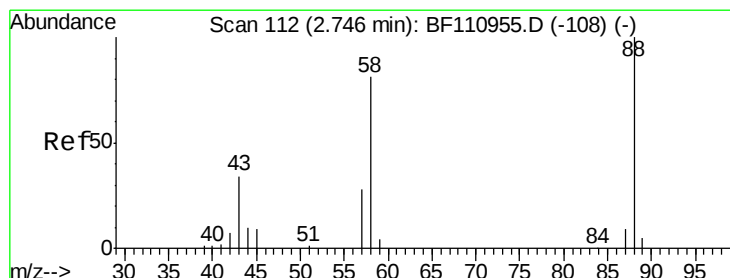
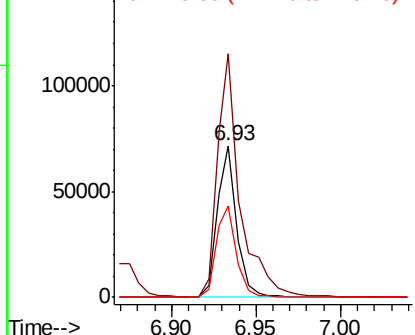
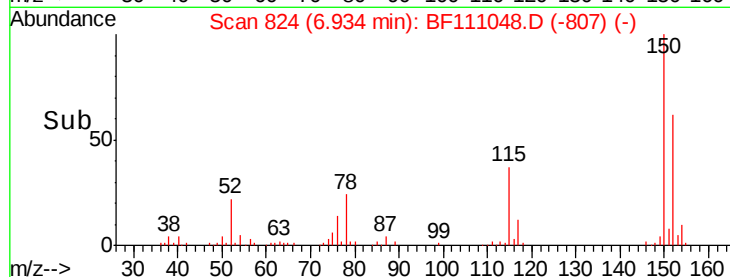
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57663
Ion Ratio Lower Upper
152 100
150 160.8 122.7 184.1
115 59.9 49.1 73.7



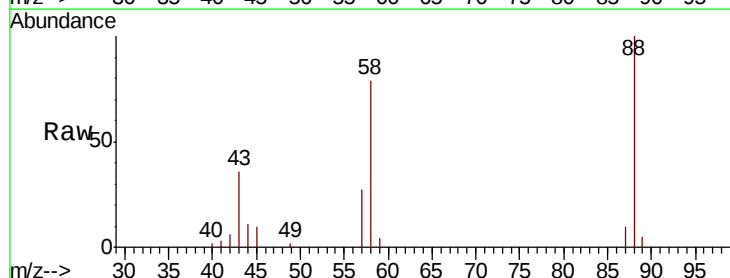
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



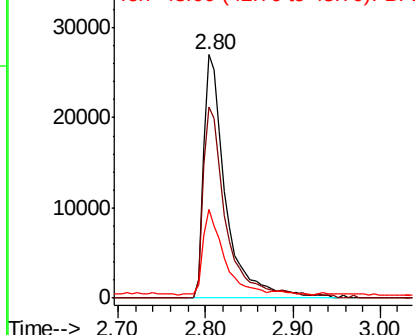
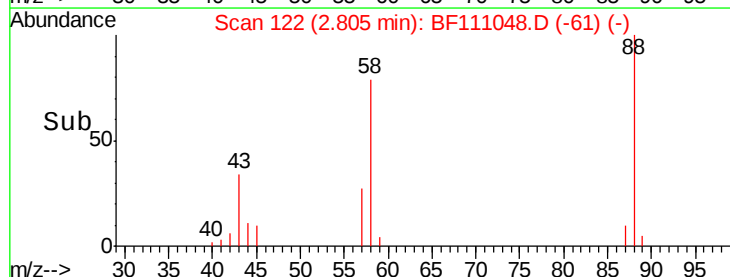
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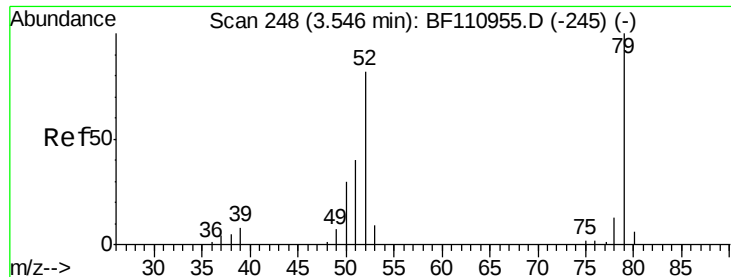
1,4-Dioxane
Concen: 28.361 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.06 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion: 88 Resp: 47247
Ion Ratio Lower Upper
88 100
58 81.8 57.1 85.7
43 33.8 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

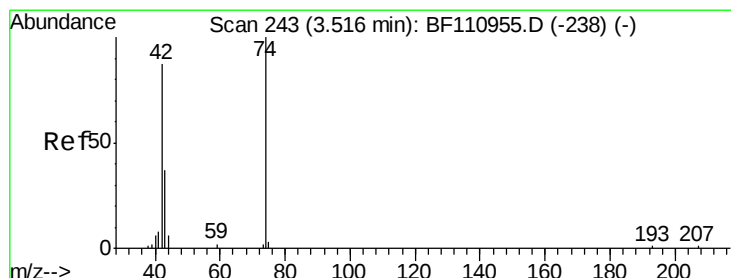
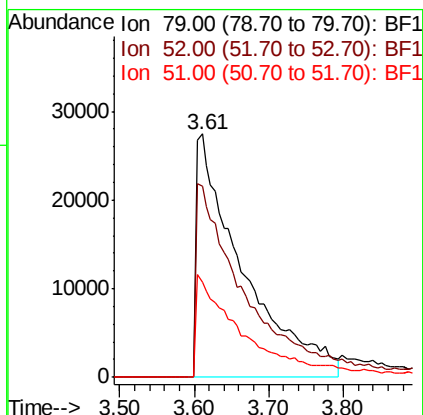
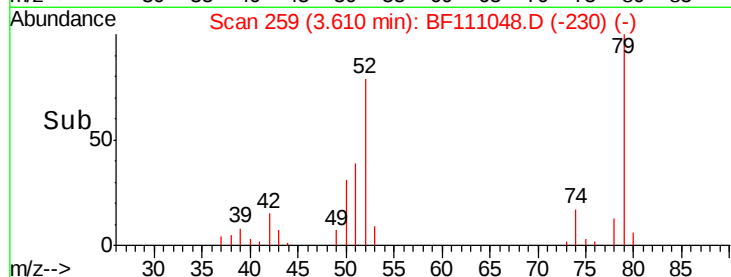
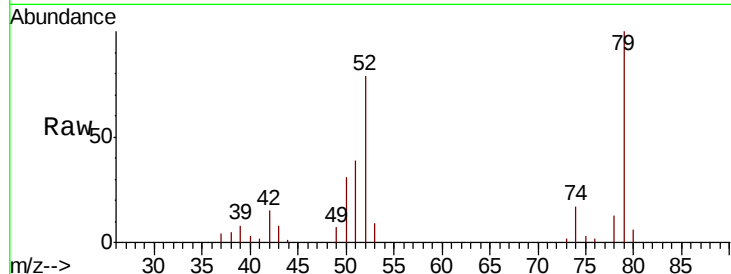




#3
 Pvridine
 Concen: 32.395 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.07 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

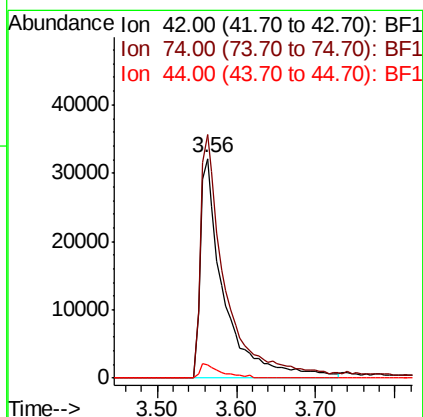
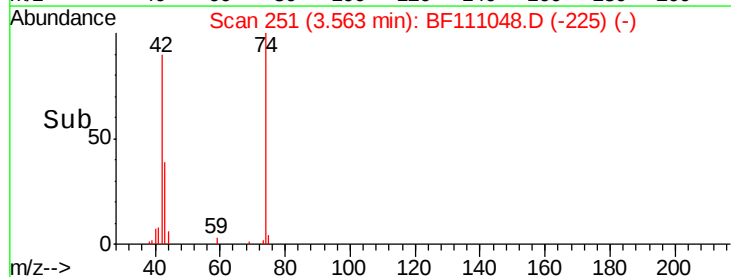
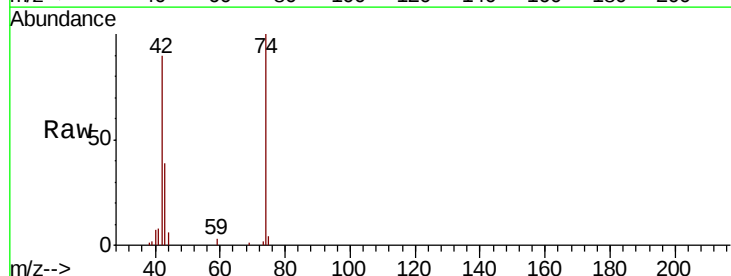
Instrument :
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 ClientSampleId :

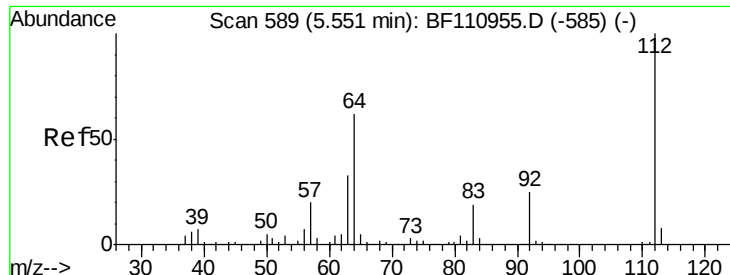
Tot Ion: 79 Resp: 118175
 Ion Ratio Lower Upper
 79 100
 52 78.6 53.1 79.7
 51 39.3 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 40.453 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.05 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion: 42 Resp: 67525
 Ion Ratio Lower Upper
 42 100
 74 110.8 105.5 158.3
 44 6.1 4.9 7.3

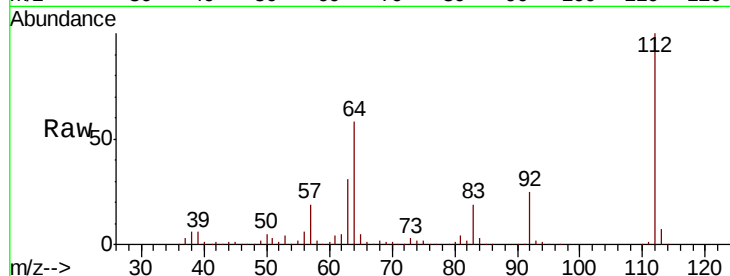




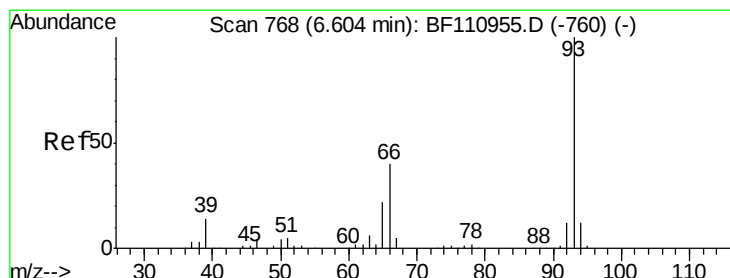
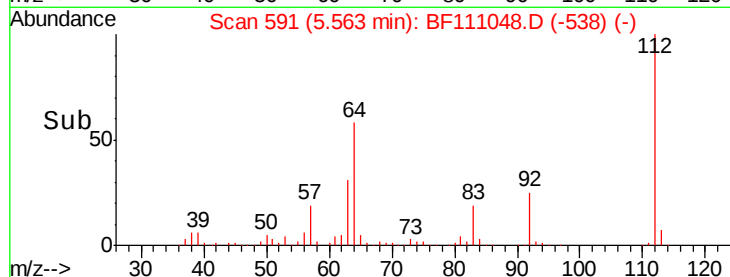
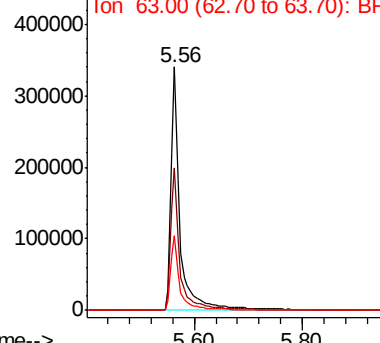
#5
2-Fluorophenol
Concen: 115.356 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 401117
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 30.7 23.7 35.5

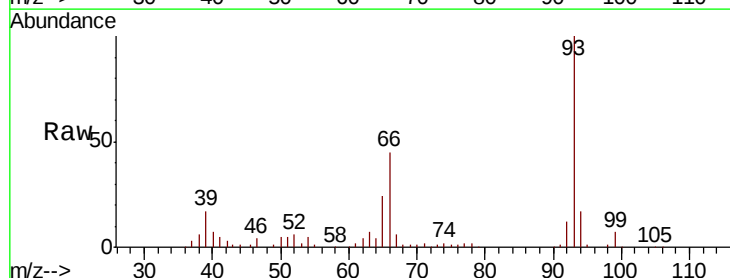


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

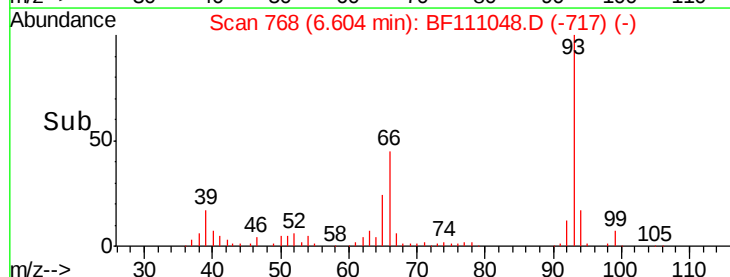
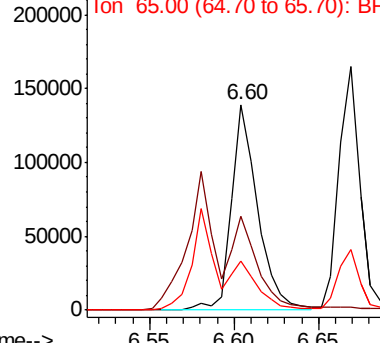


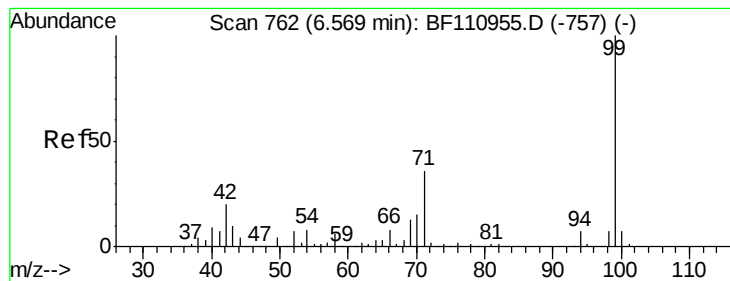
#6
Aniline
Concen: 27.133 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion: 93 Resp: 151993
Ion Ratio Lower Upper
93 100
66 45.3 67.4 101.0#
65 24.1 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: 115.356 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

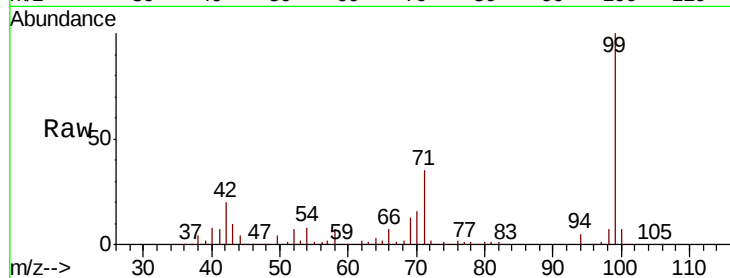
Tot Ion: 99 Resp: 522722

Ion Ratio Lower Upper

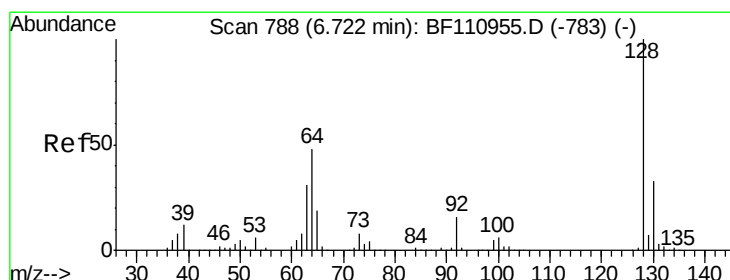
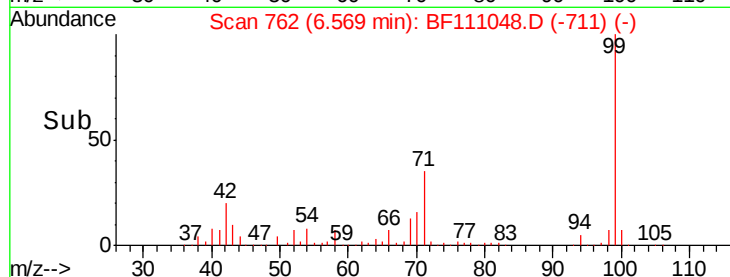
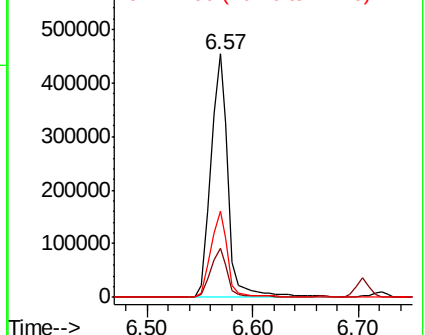
99 100

42 20.1 15.8 23.6

71 35.3 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: 39.205 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

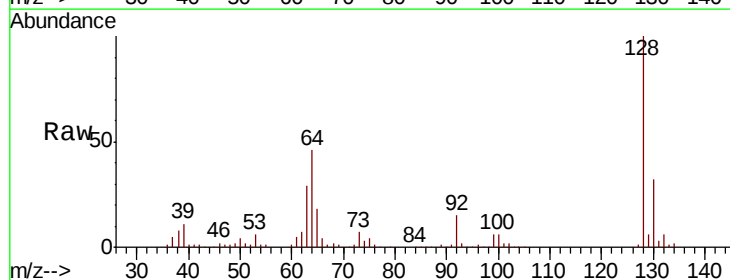
Tgt Ion: 128 Resp: 161558

Ion Ratio Lower Upper

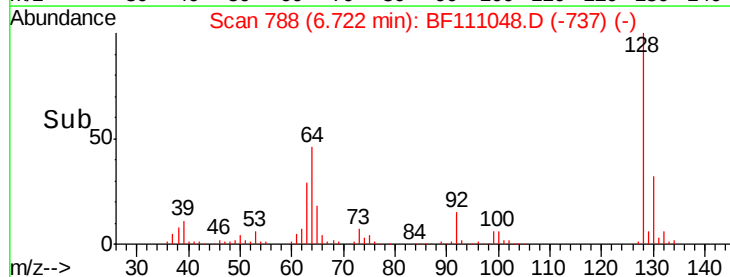
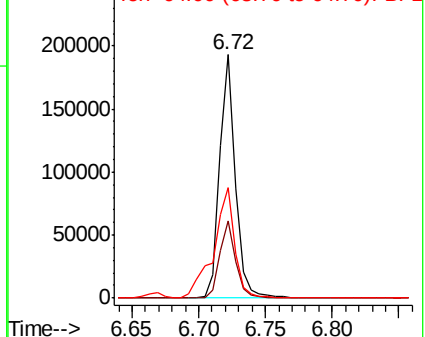
128 100

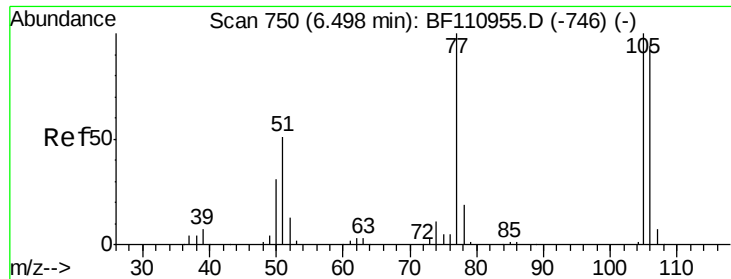
130 31.6 13.1 53.1

64 45.6 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

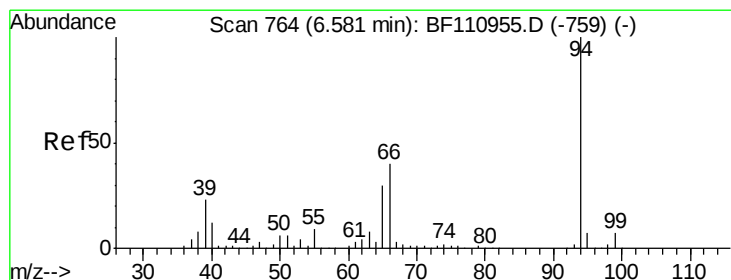
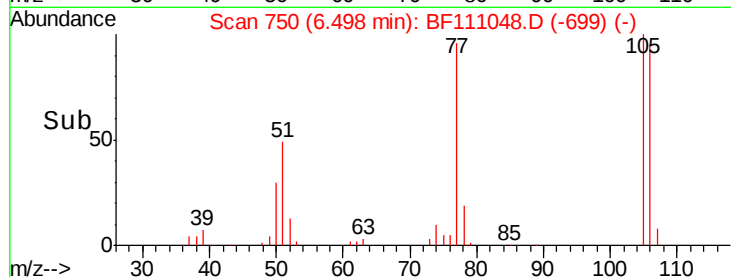
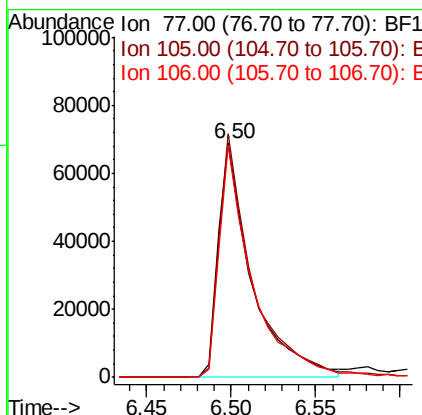
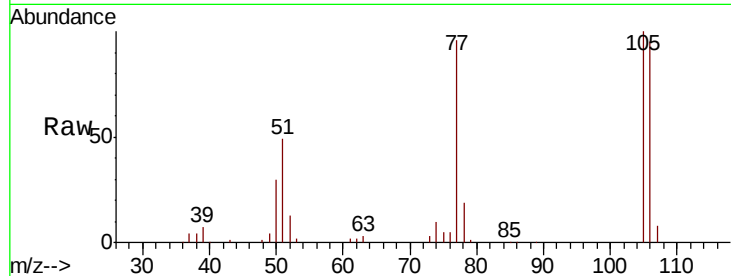




#9
Benzaldehyde
Concen: 39.346 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

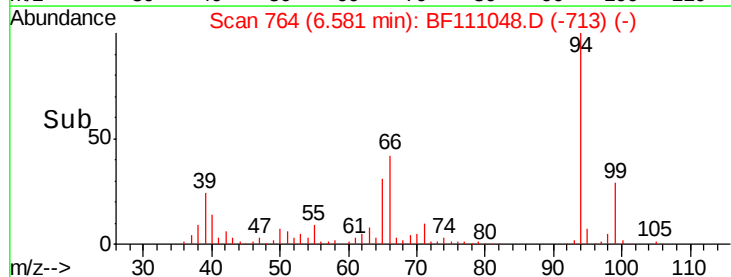
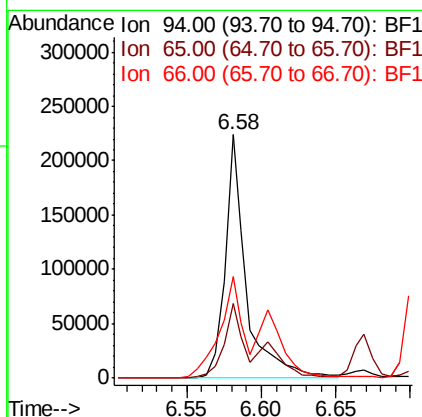
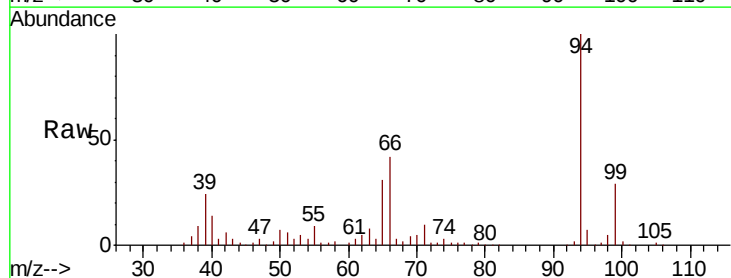
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BNA_F
ClientSampled :

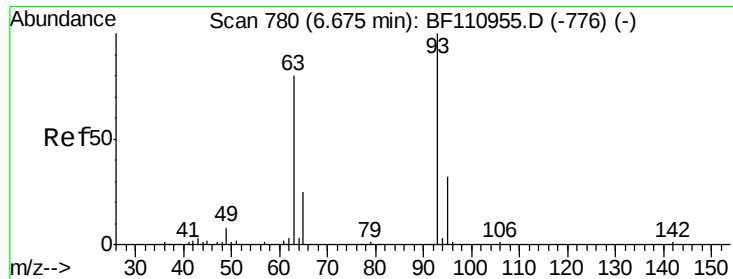
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Ion Ratio Lower Upper
77 100
105 103.9 78.6 118.6
106 99.1 74.8 114.8



#10
Phenol
Concen: 43.721 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion: 94 Resp: 223113
Ion Ratio Lower Upper
94 100
65 30.8 25.3 65.3
66 41.8 54.5 94.5#

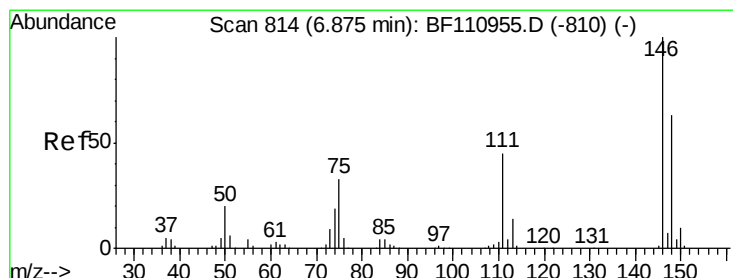
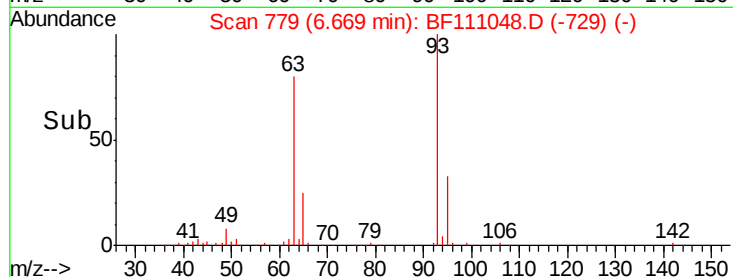
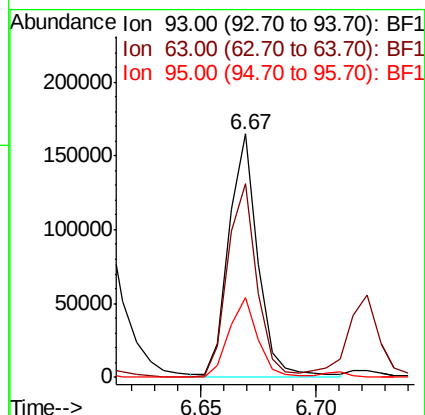
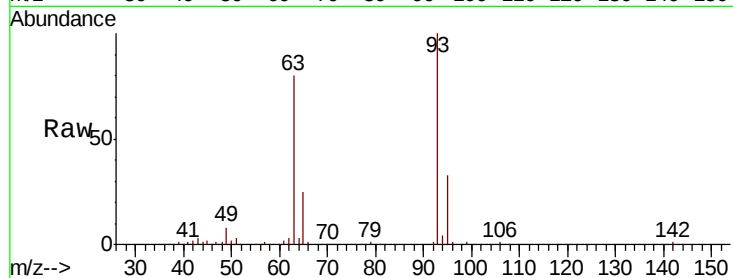




#11
bis(2-Chloroethyl)ether
Concen: 38.088 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

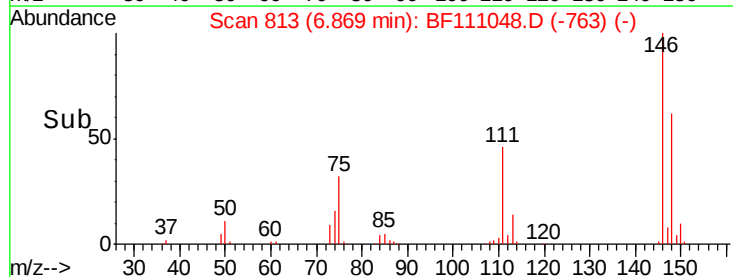
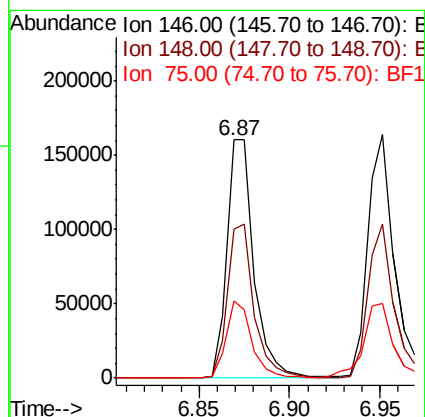
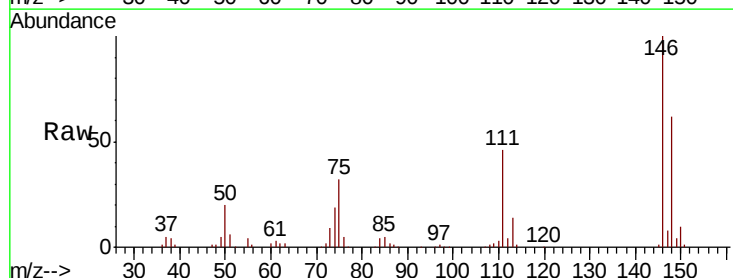
Instrument :
BNA_F
ClientSampleId :

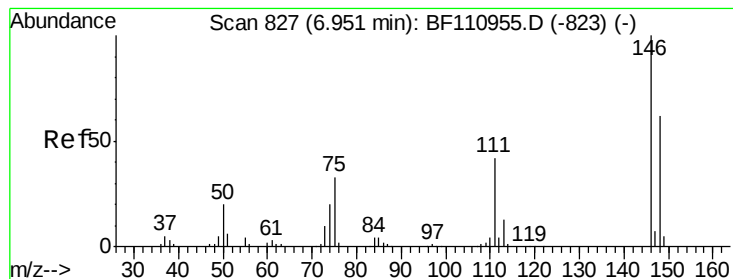
Tot Ion: 93 Resp: 146434
Ion Ratio Lower Upper
93 100
63 79.8 53.4 93.4
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 36.759 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion: 146 Resp: 166414
Ion Ratio Lower Upper
146 100
148 62.3 50.4 75.6
75 32.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 36.965 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

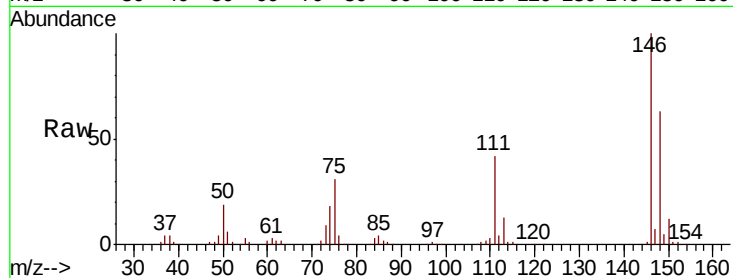
Tot Ion:146 Resp: 172089

Ion Ratio Lower Upper

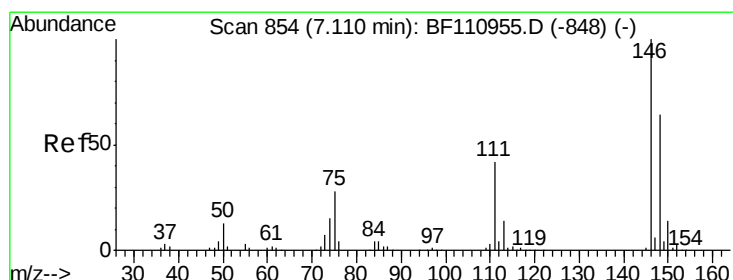
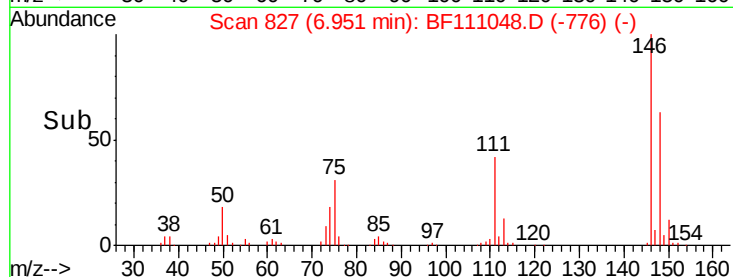
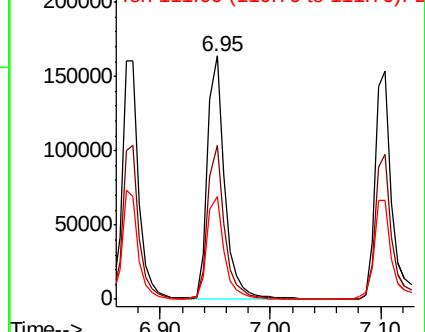
146 100

148 63.3 50.3 75.5

111 42.0 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.199 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

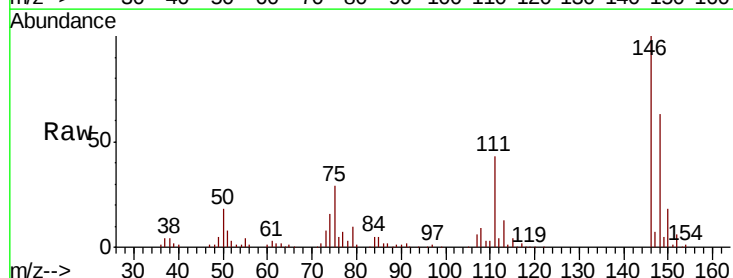
Tgt Ion:146 Resp: 162994

Ion Ratio Lower Upper

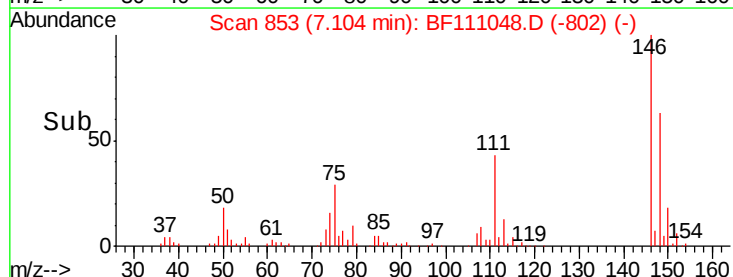
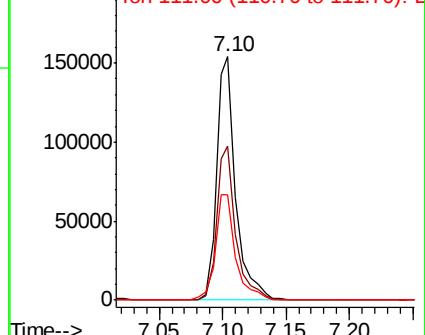
146 100

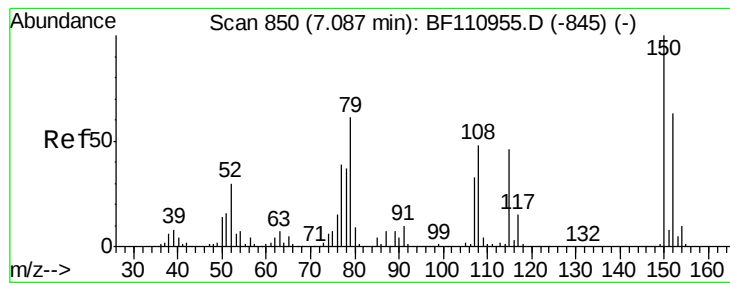
148 63.4 51.1 76.7

111 43.4 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.389 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampled :

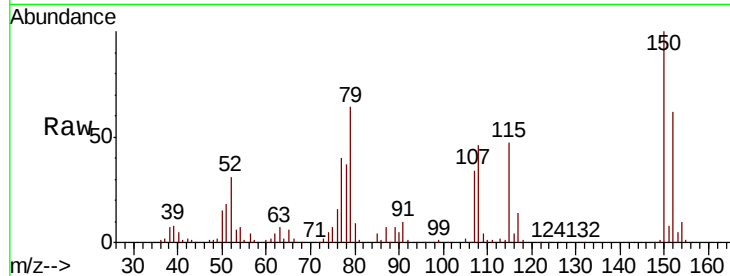
Tot Ion: 79 Resp: 133687

Ion Ratio Lower Upper

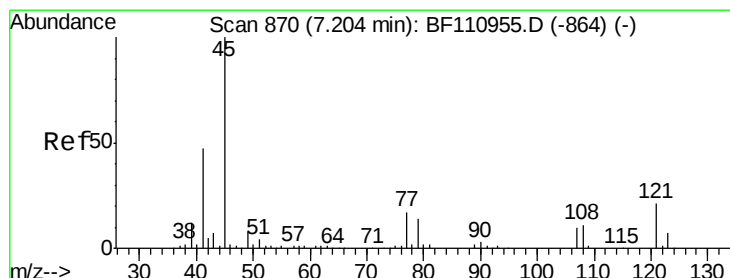
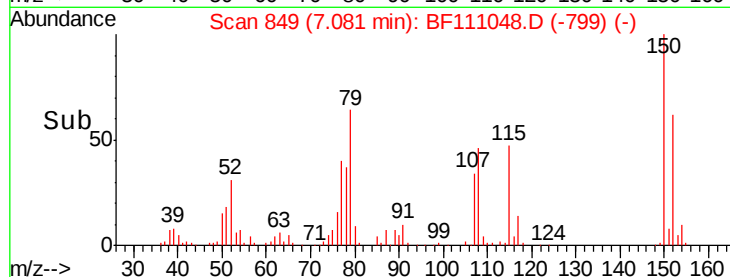
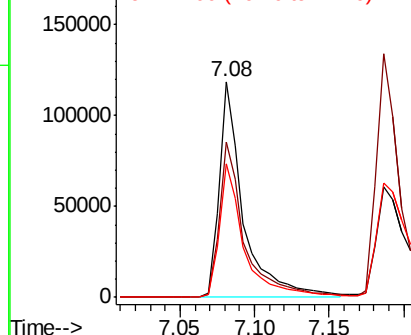
79 100

108 72.3 56.3 84.5

77 62.0 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.877 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

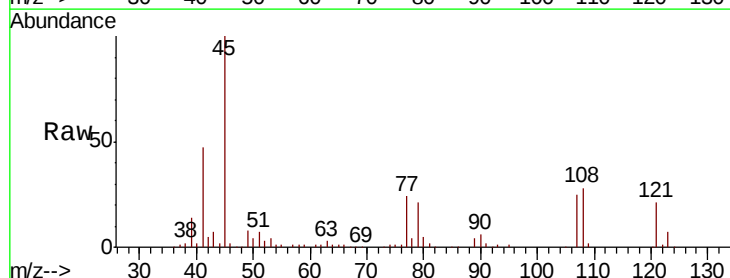
Tgt Ion: 45 Resp: 231753

Ion Ratio Lower Upper

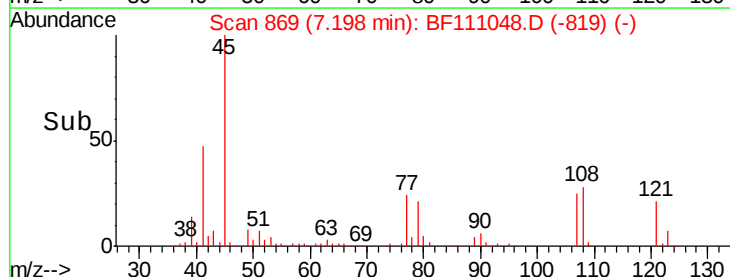
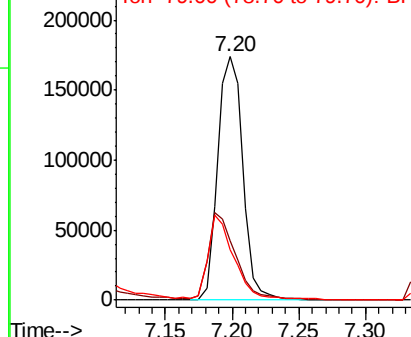
45 100

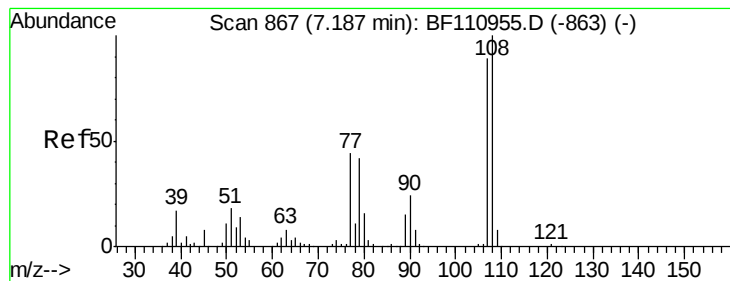
77 24.3 10.0 50.0

79 20.7 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

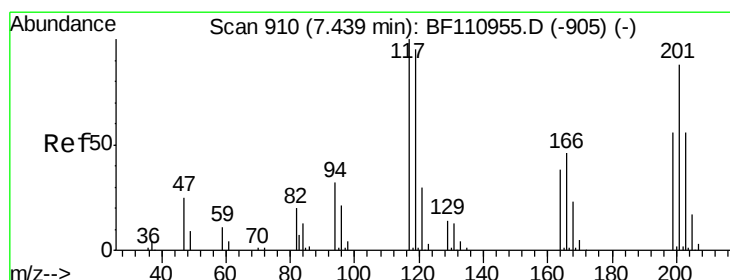
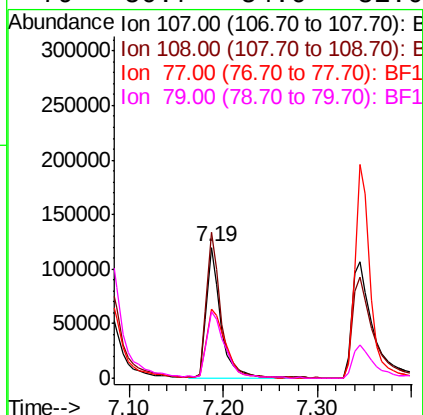
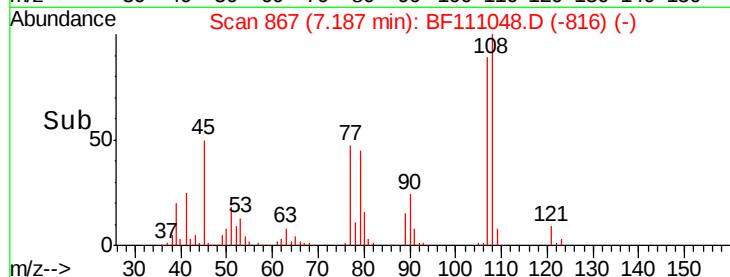
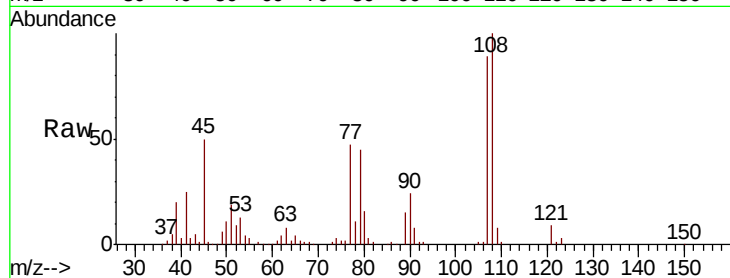




#17
2-Methylphenol
Concen: 38.992 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

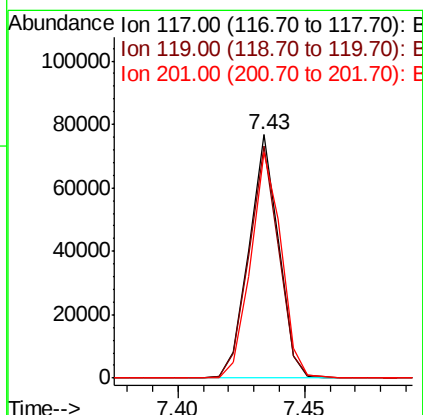
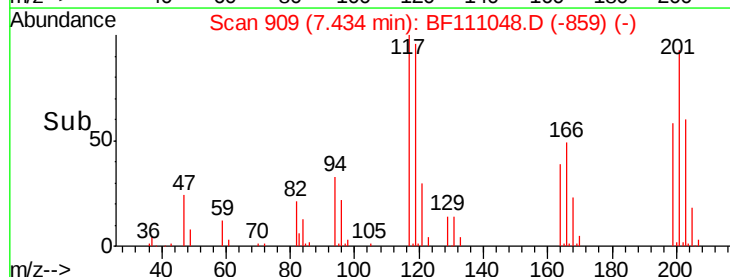
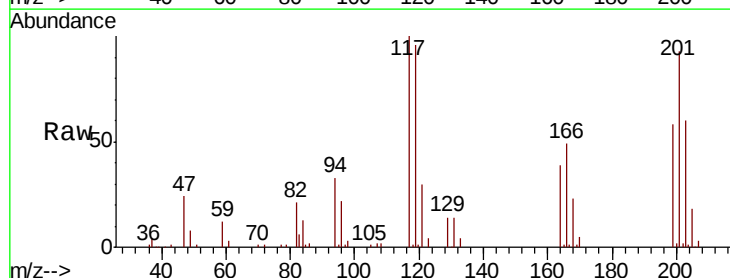
Instrument :
BNA_F
ClientSampled :

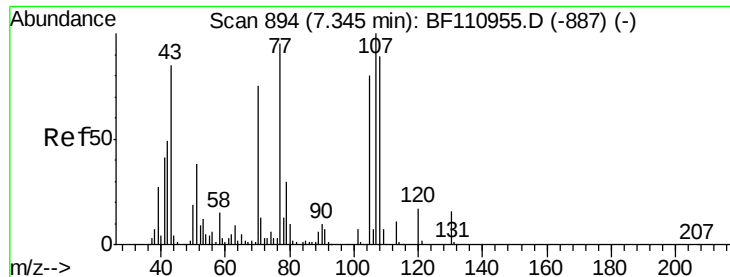
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	52.4	59.4	89.2#
79	50.7	54.0	81.0#



#18
Hexachloroethane
Concen: 36.548 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.6
201	92.6	79.2	118.8

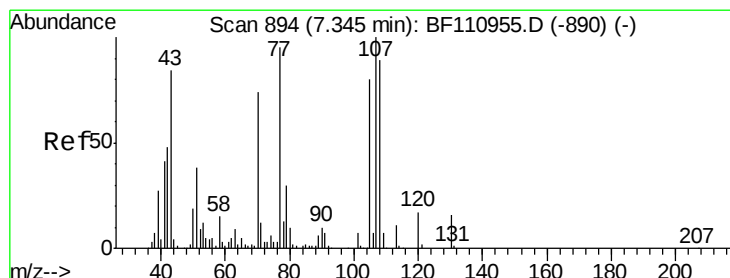
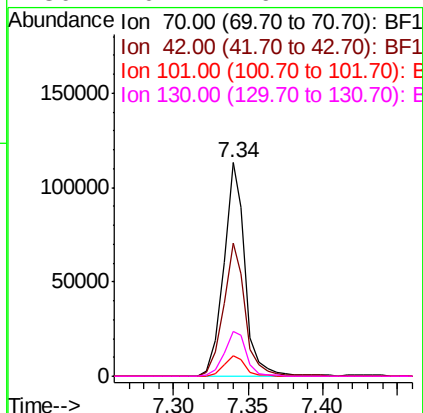
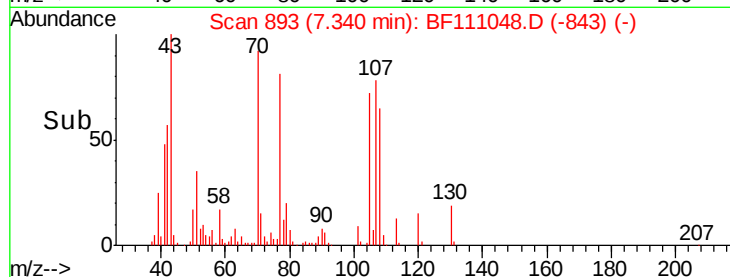
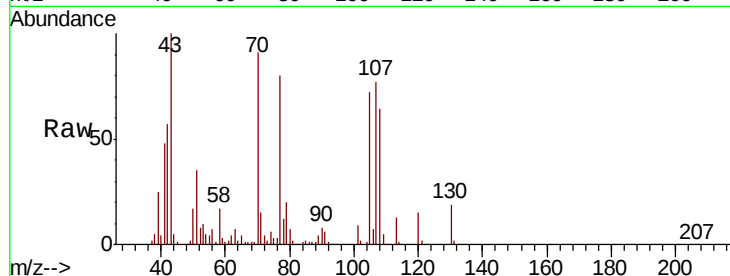




#19
n-Nitroso-di-n-propylamine
Concen: 38.562 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

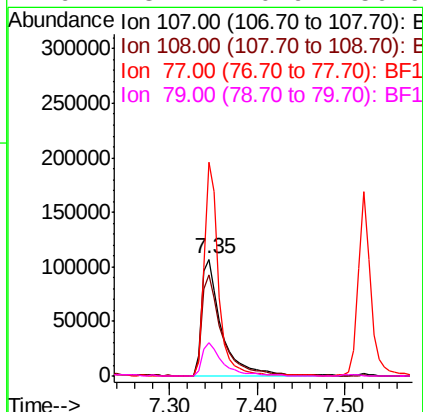
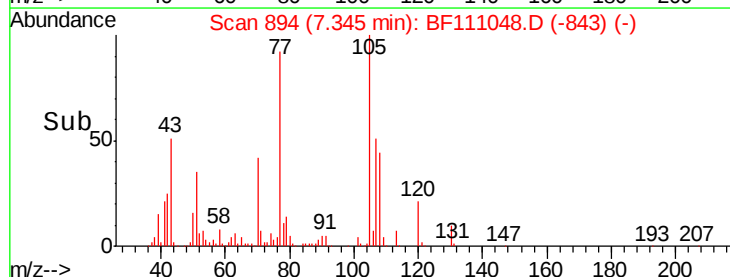
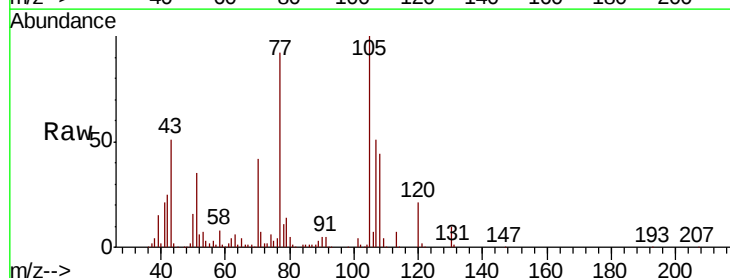
Instrument :
BNA_F
ClientSampleId :

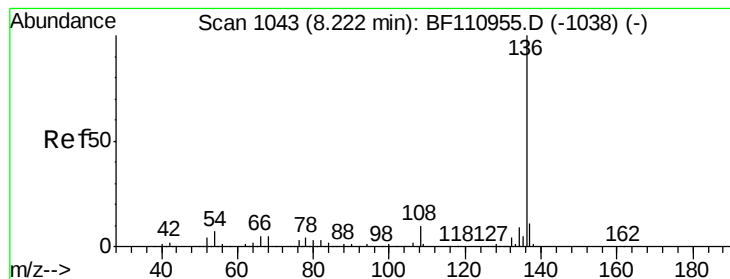
Tot Ion: 70 Resp: 113825
Ion Ratio Lower Upper
70 100
42 62.6 47.4 71.2
101 9.8 7.3 10.9
130 20.7 16.2 24.2



#20
3+4-Methylphenols
Concen: 38.529 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:107 Resp: 167813
Ion Ratio Lower Upper
107 100
108 86.2 71.4 111.4
77 182.8 47.3 87.3#
79 28.4 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 235697

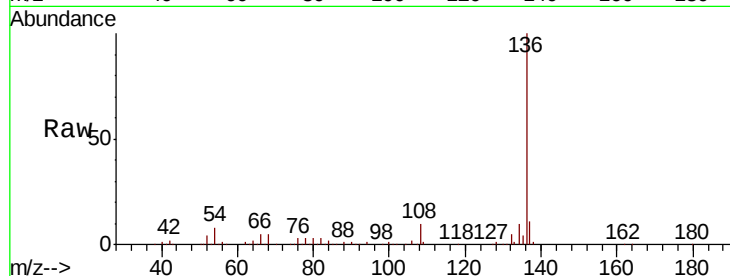
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.0 4.2 6.2

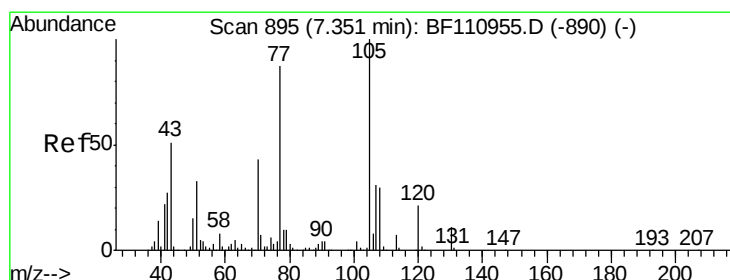
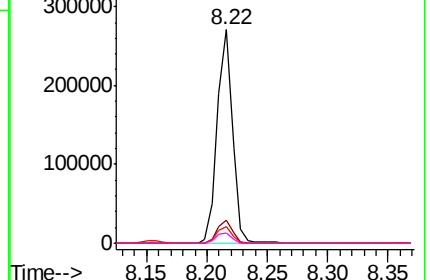
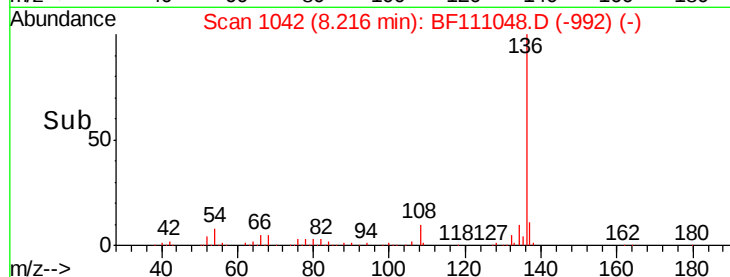


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.485 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Tgt Ion:105 Resp: 223667

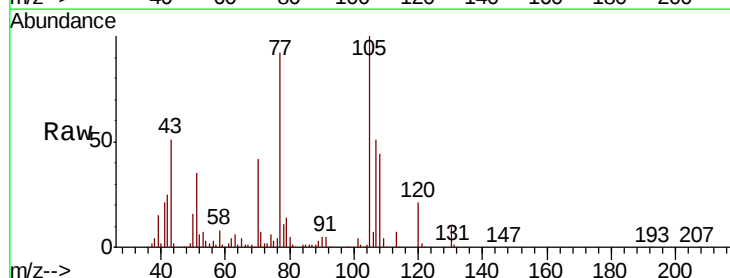
Ion Ratio Lower Upper

105 100

71 6.9 5.2 7.8

51 34.7 21.8 32.8#

120 21.4 17.0 25.4

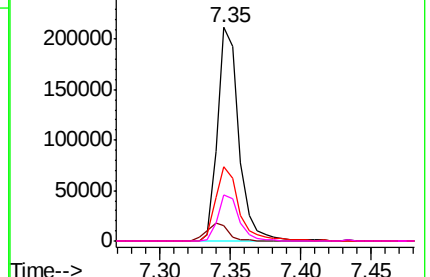
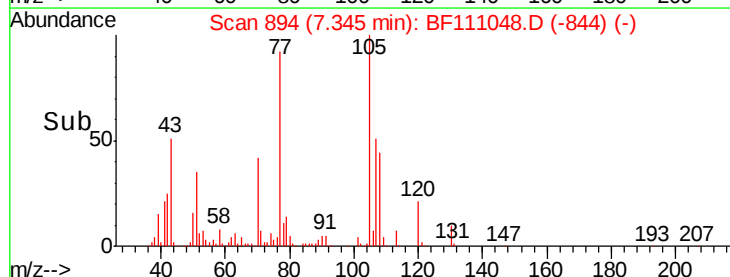


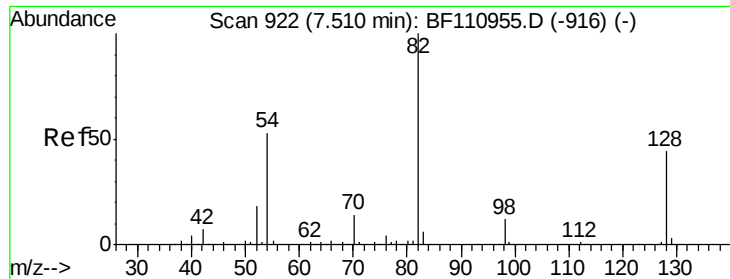
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

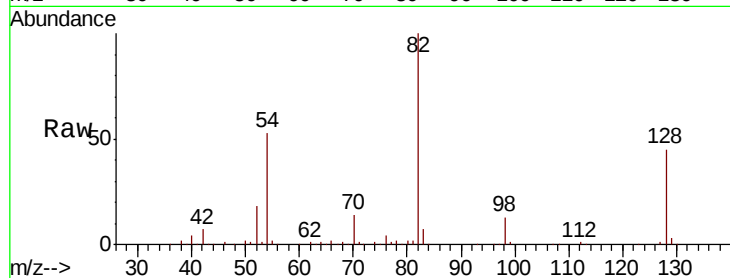




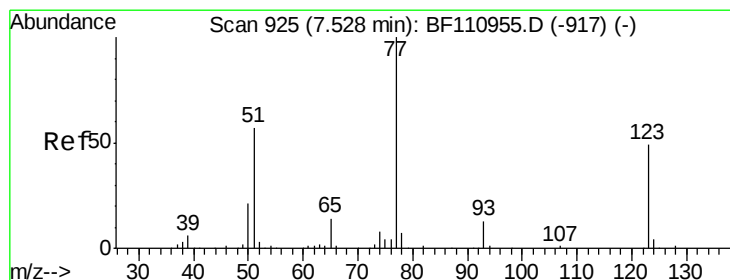
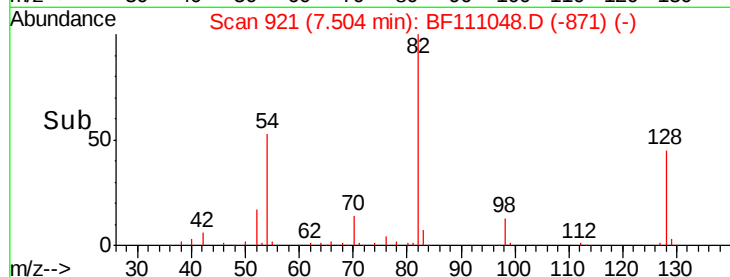
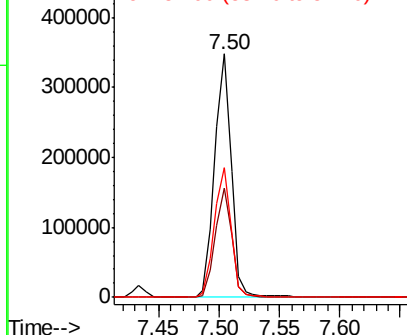
#23
Nitrobenzene-d5
Concen: 80.480 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 331448
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.2
54 53.2 38.6 58.0

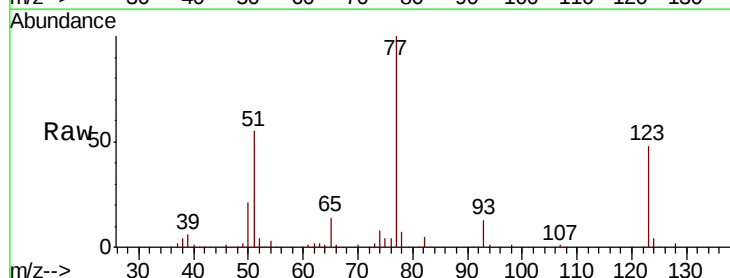


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

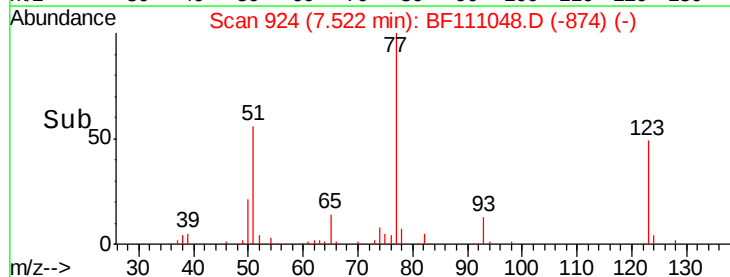
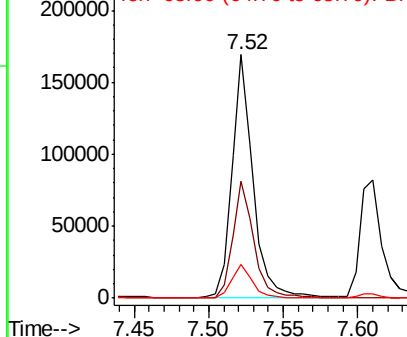


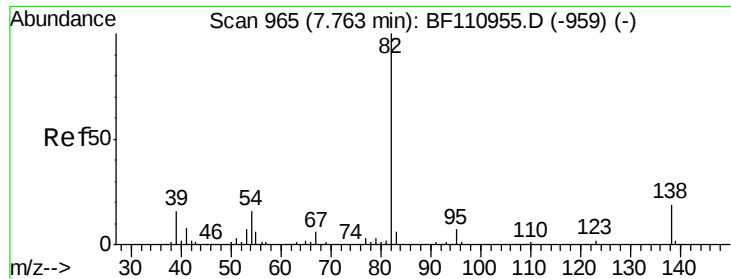
#24
Nitrobenzene
Concen: 39.459 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion: 77 Resp: 168992
Ion Ratio Lower Upper
77 100
123 48.0 35.7 53.5
65 14.1 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: 45.307 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

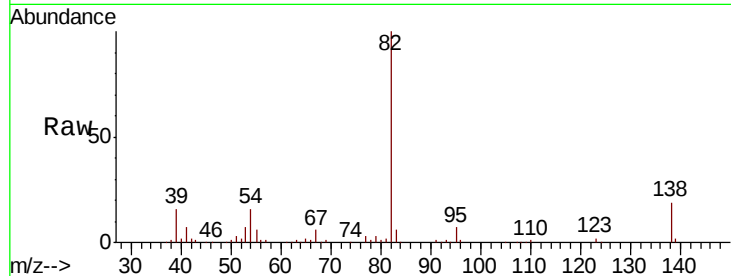
Tot Ion: 82 Resp: 306078

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

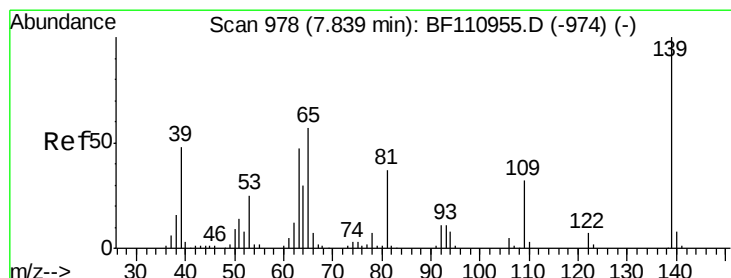
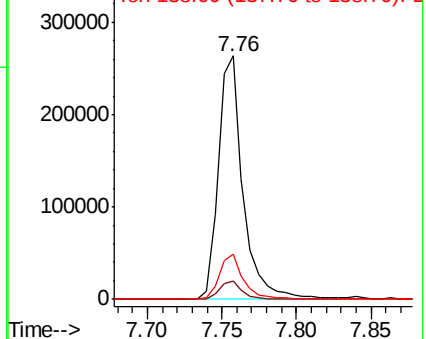
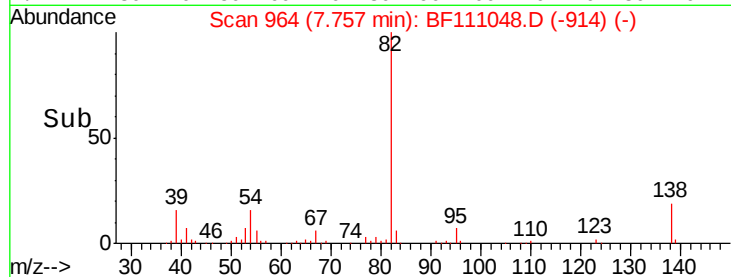
138 18.7 13.2 19.8



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: 39.847 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

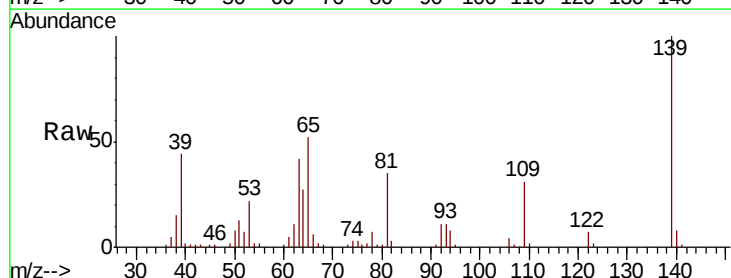
Tgt Ion: 139 Resp: 82911

Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

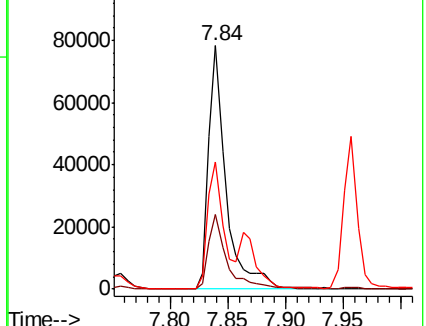
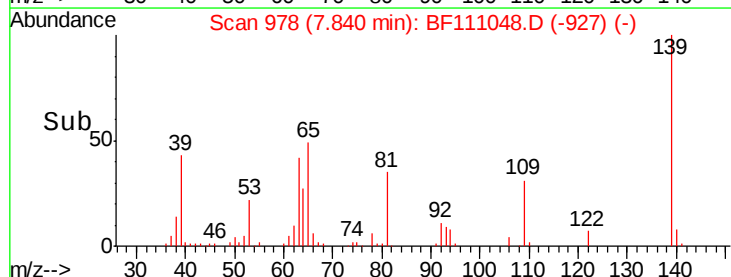
65 52.1 44.0 66.0

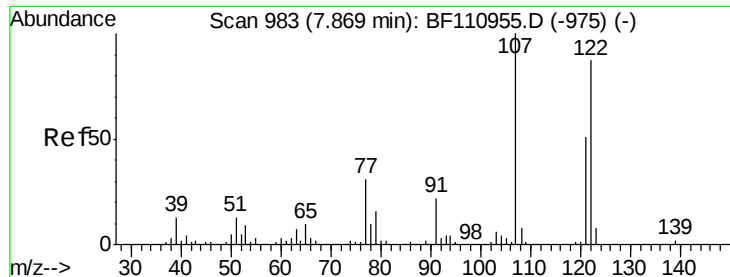


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

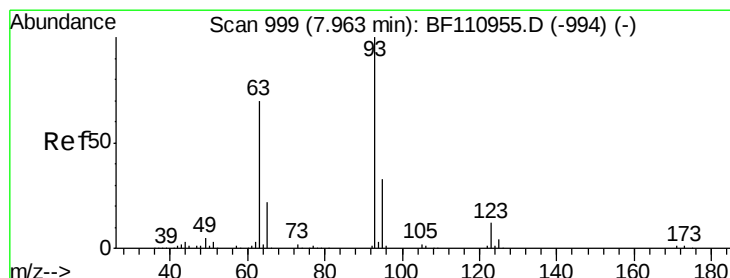
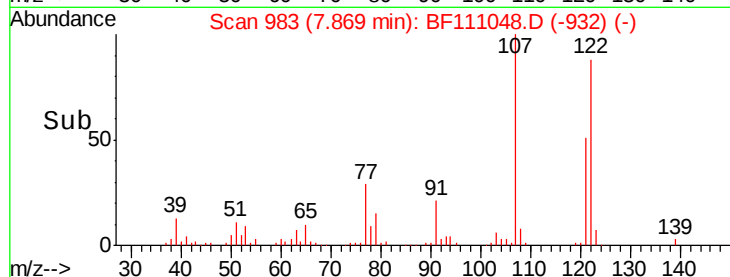
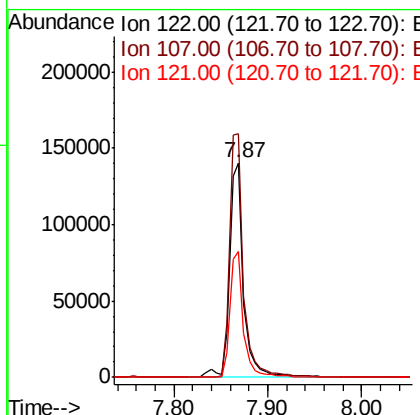
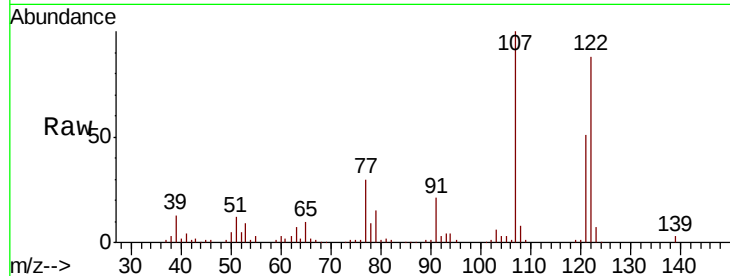




#27
 2,4-Dimethylphenol
 Concen: 46.199 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

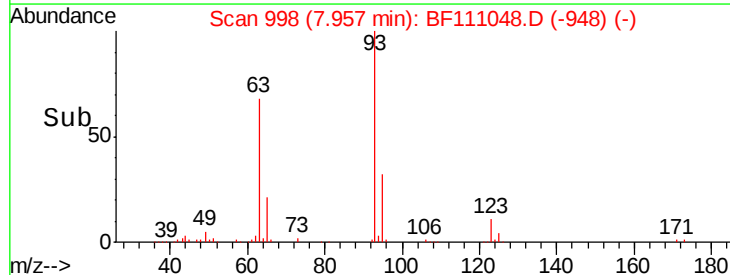
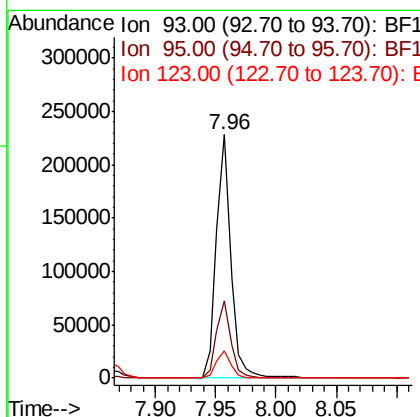
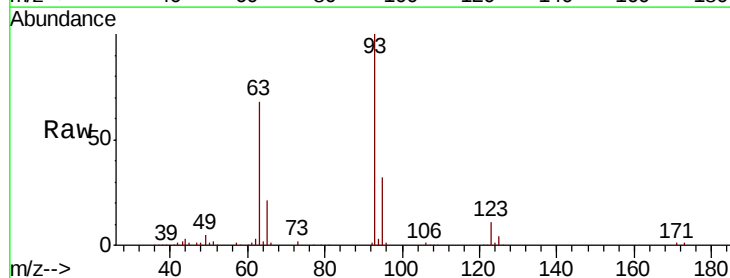
Instrument :
 BNA_F
 ClientSampled :

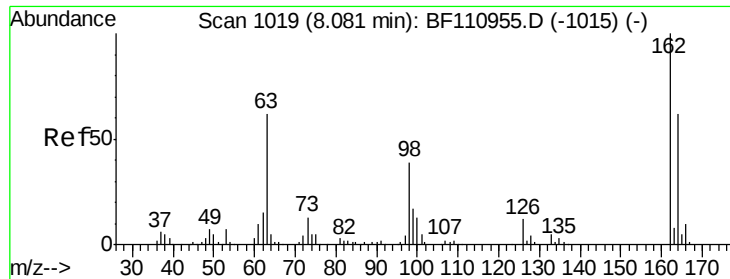
Tot Ion:122 Resp: 145169
 Ion Ratio Lower Upper
 122 100
 107 113.4 92.5 138.7
 121 58.4 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.798 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion: 93 Resp: 189168
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.4 39.6
 123 11.4 9.0 13.6

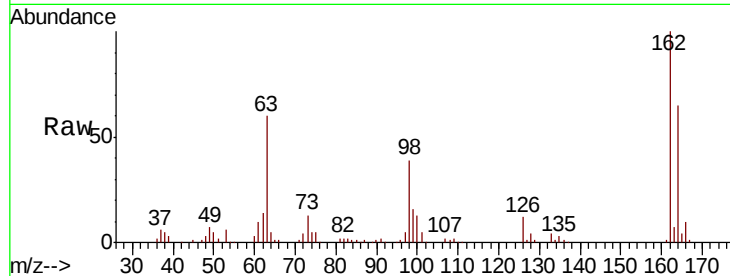




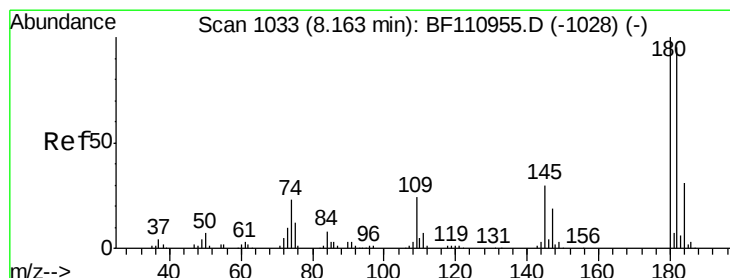
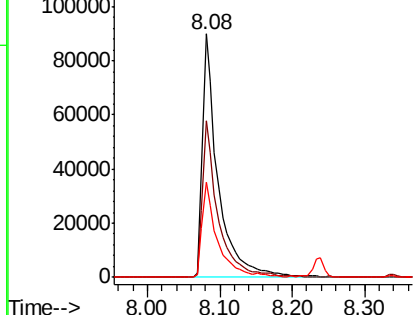
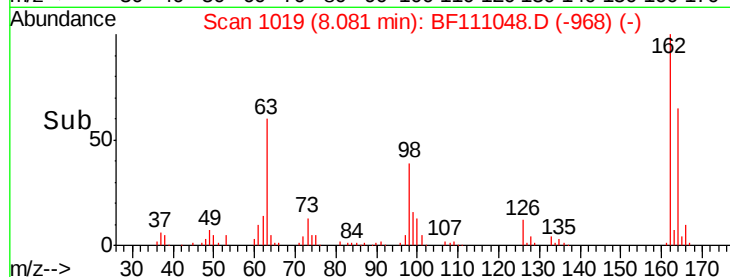
#29
 2,4-Dichlorophenol
 Concen: 40.881 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 134421
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.6 84.6
 98 39.0 17.4 57.4

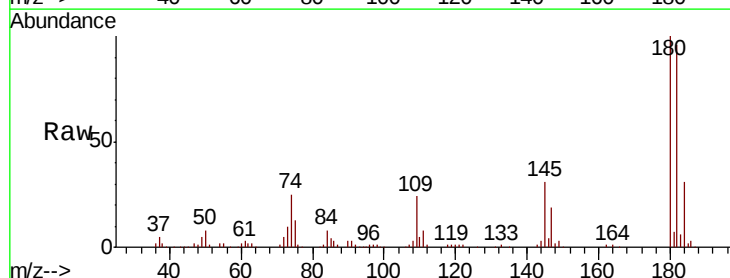


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

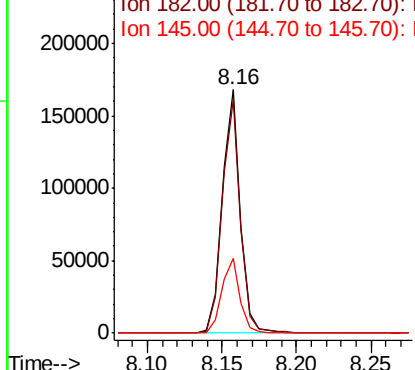
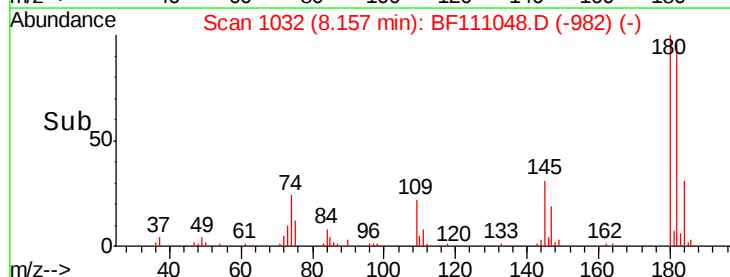


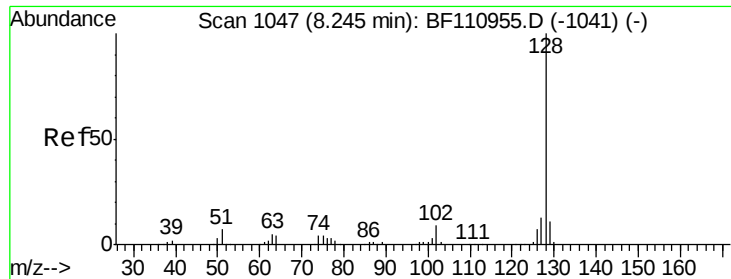
#30
 1,2,4-Trichlorobenzene
 Concen: 38.819 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion:180 Resp: 143046
 Ion Ratio Lower Upper
 180 100
 182 95.9 80.3 120.5
 145 30.6 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

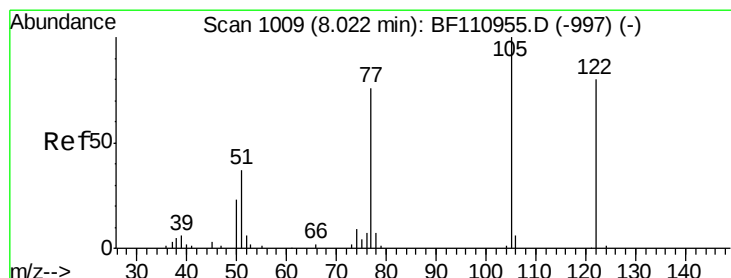
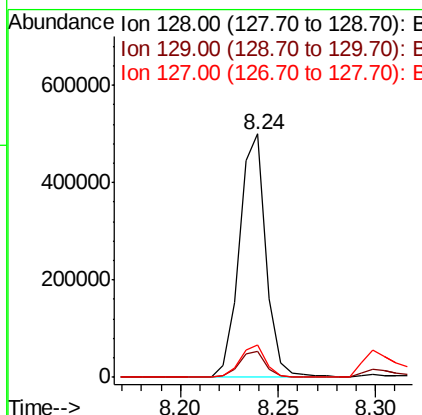
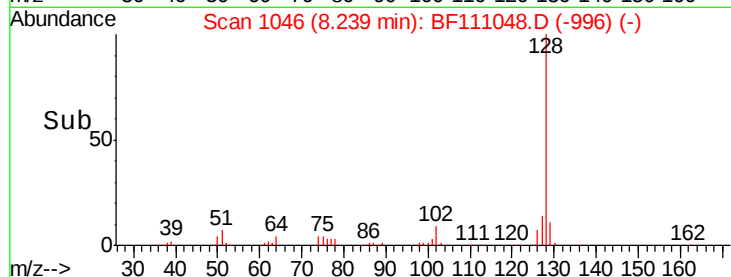
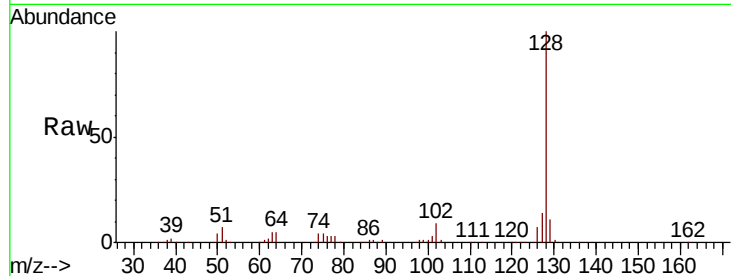




#31
Naphthalene
Concen: 42.789 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

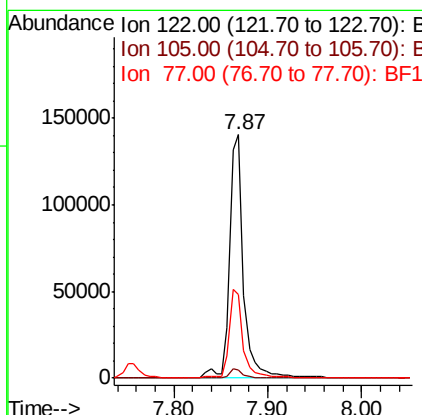
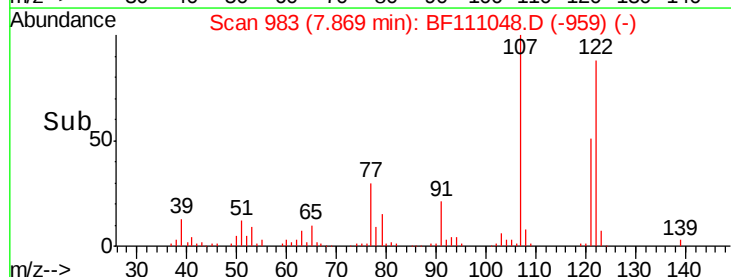
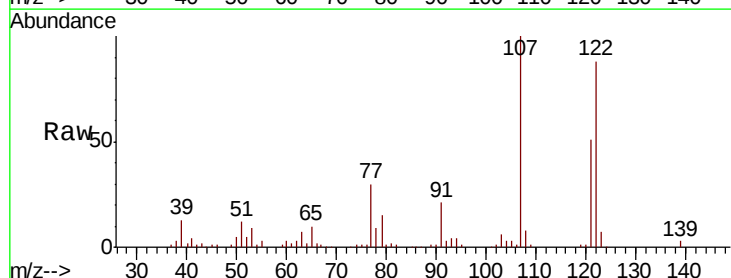
Instrument :
BNA_F
ClientSampleId :

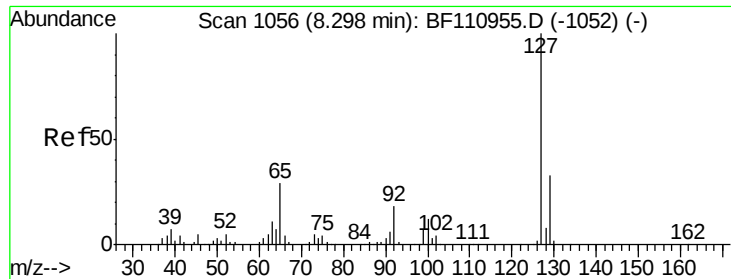
Tot Ion:128 Resp: 472752
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 62.139 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.16 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:122 Resp: 145169
Ion Ratio Lower Upper
122 100
105 3.5 109.0 149.0#
77 34.1 79.0 119.0#

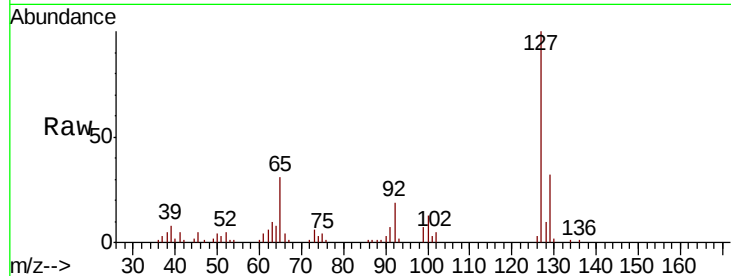




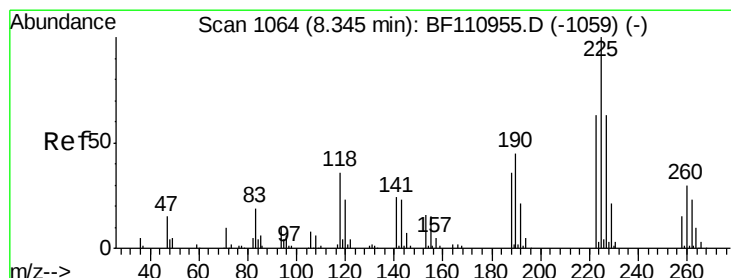
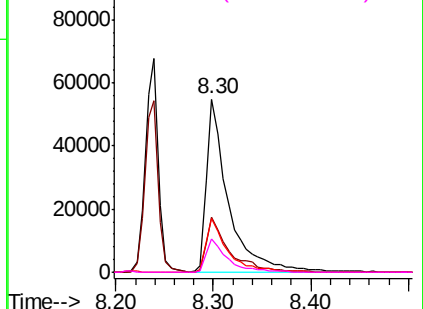
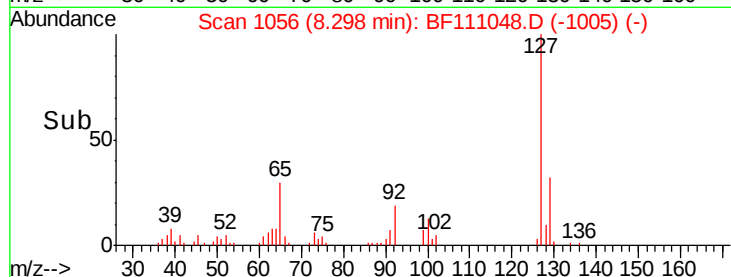
#33
4-Chloroaniline
Concen: 18.295 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	86035
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.7	25.1	37.7
92	19.3	15.0	22.6

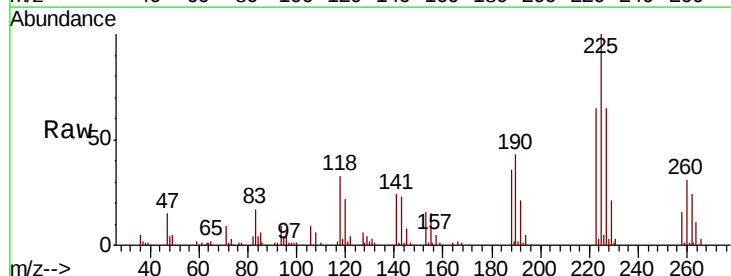


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

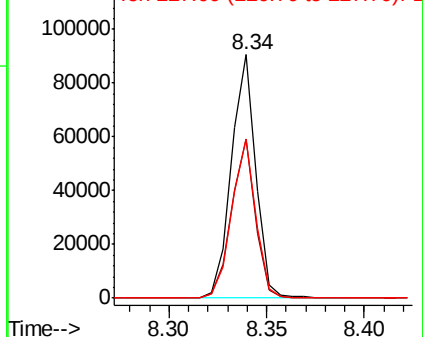
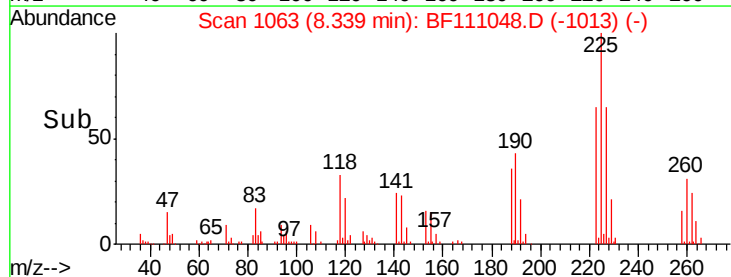


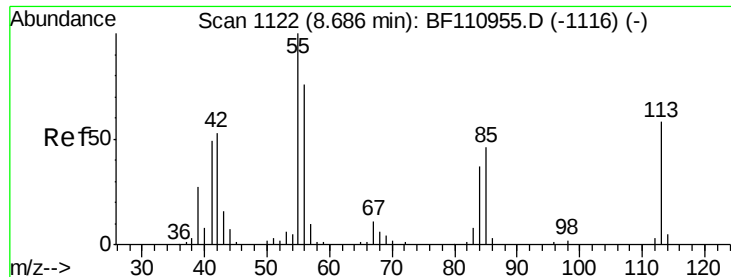
#34
Hexachlorobutadiene
Concen: 37.214 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:	225	Resp:	78105
Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.4	77.2
227	65.2	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

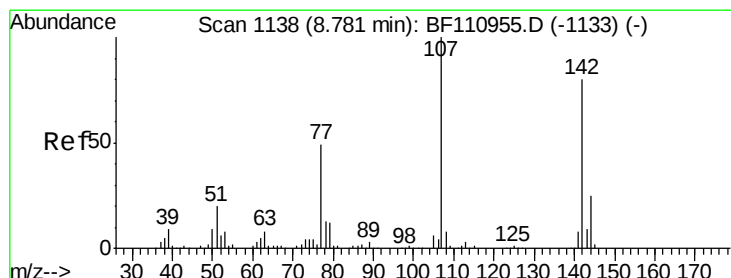
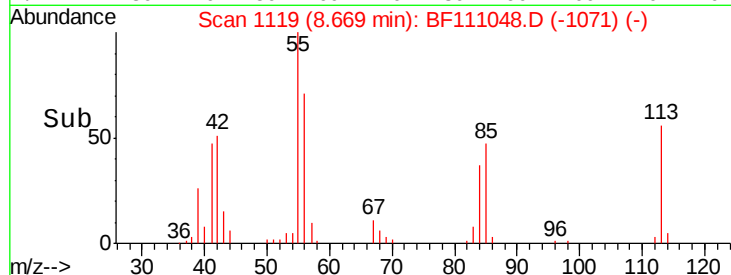
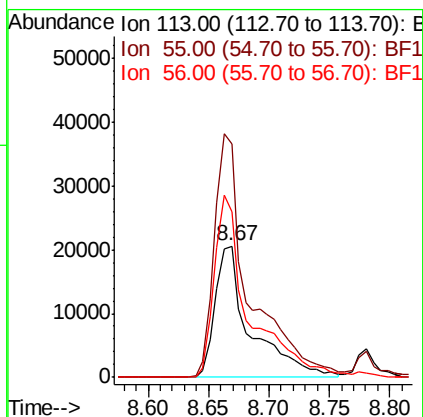
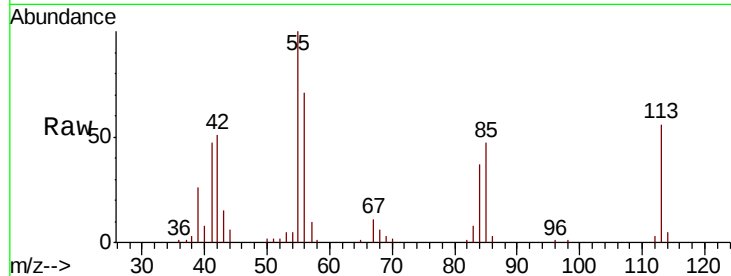




#35
 Caprolactam
 Concen: 37.229 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

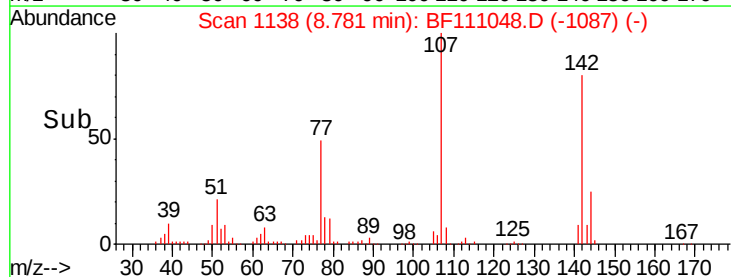
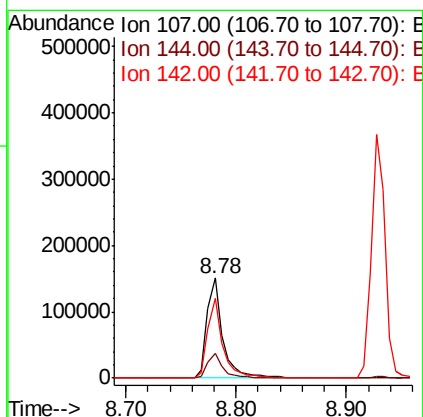
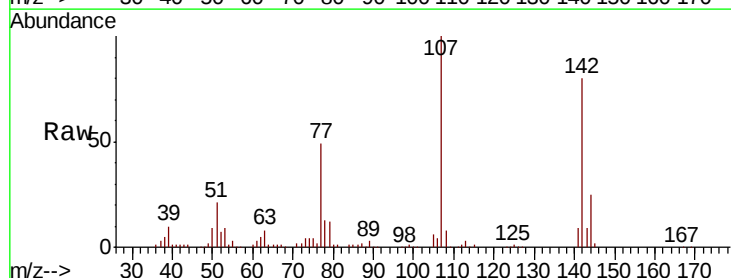
Instrument :
 BNA_F
 ClientSampled :

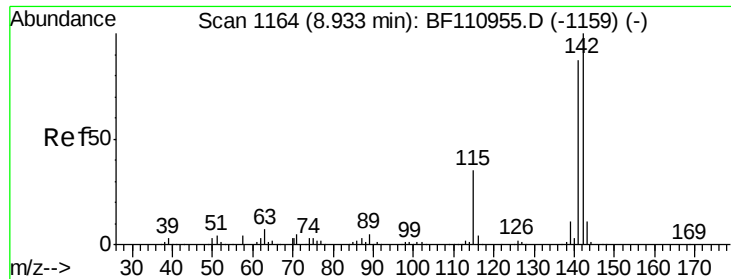
Tot Ion:113 Resp: 41792
 Ion Ratio Lower Upper
 113 100
 55 177.5 142.8 182.8
 56 126.1 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.838 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion:107 Resp: 145544
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 79.6 59.7 89.5

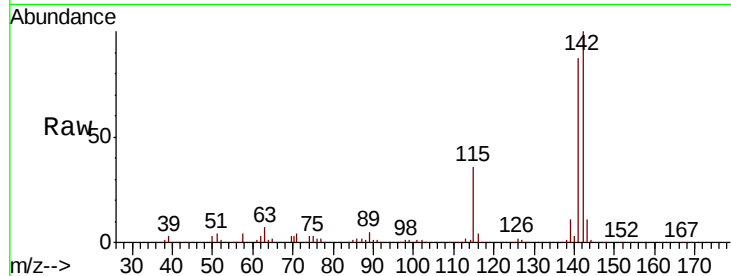




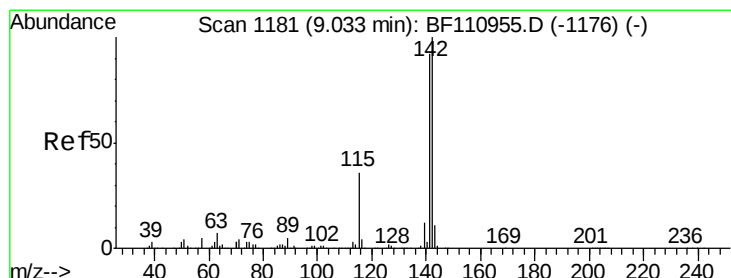
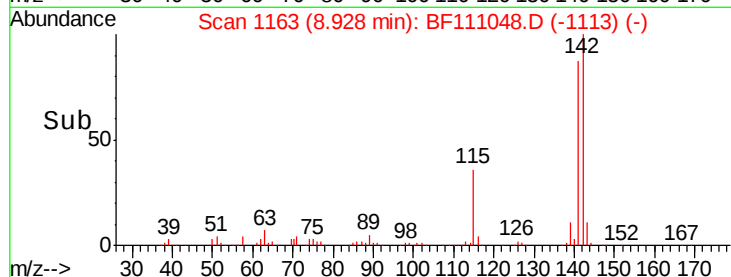
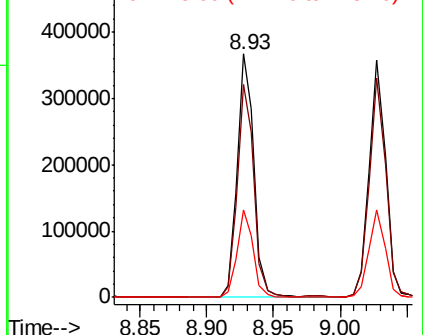
#37
2-Methylnaphthalene
Concen: 44.275 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.4	107.2
115	35.7	28.7	43.1

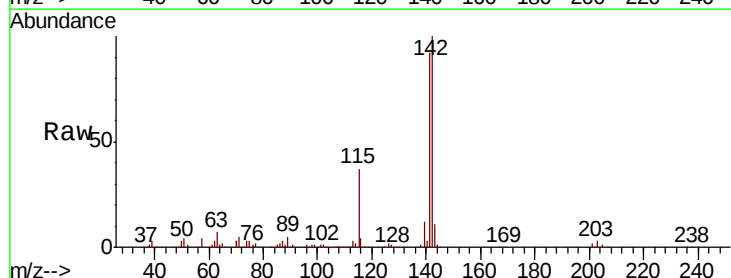


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

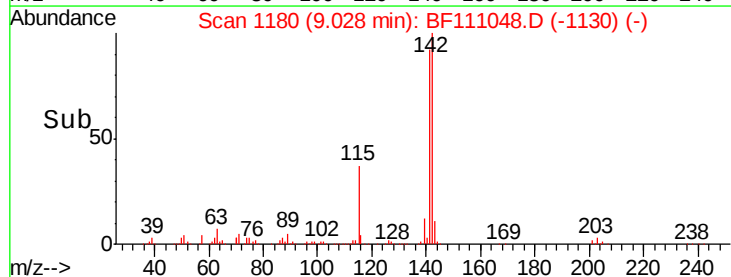
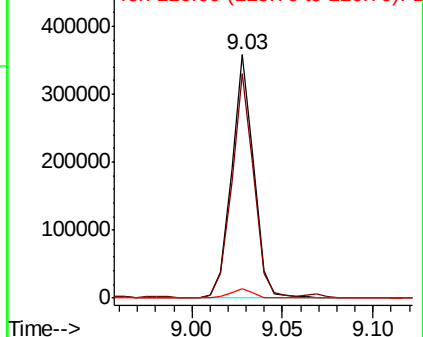


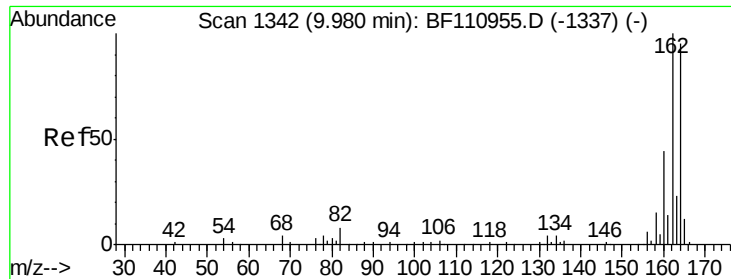
#38
1-Methylnaphthalene
Concen: 42.350 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.7	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

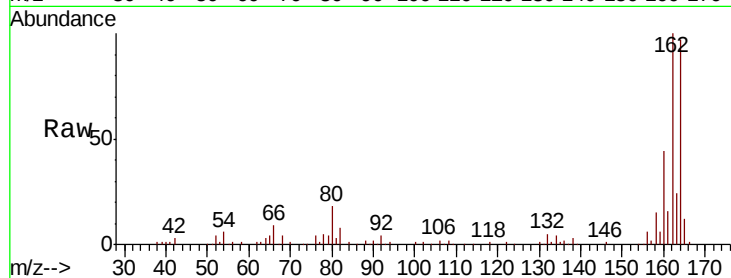




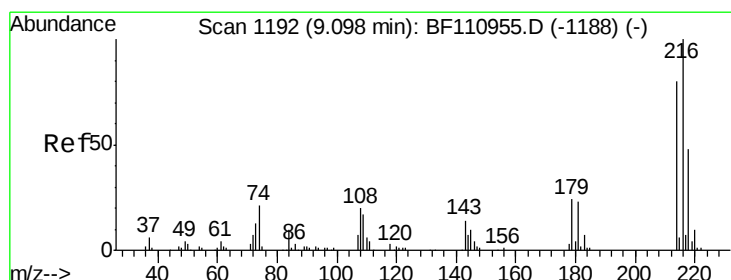
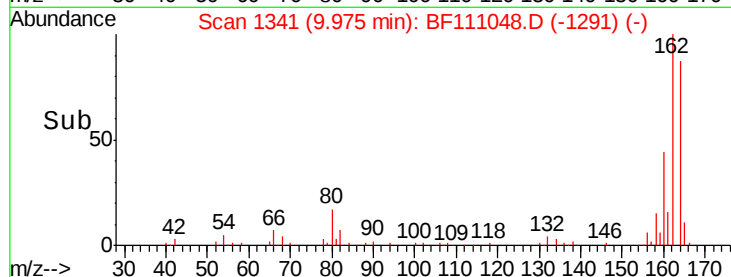
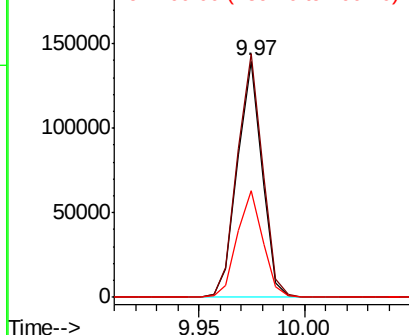
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 112279
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.0 124.6
 160 45.2 37.0 55.6



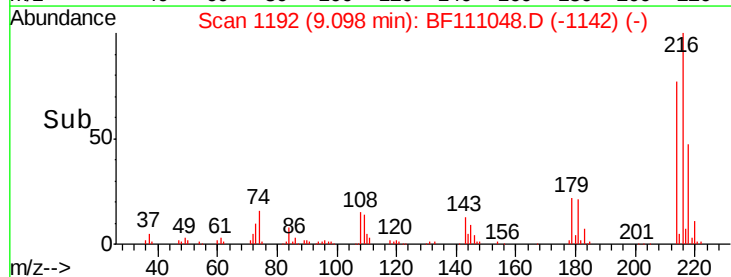
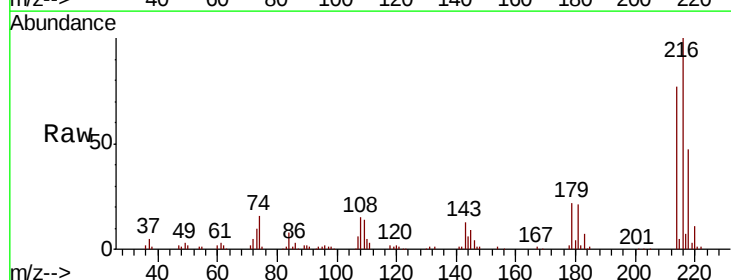
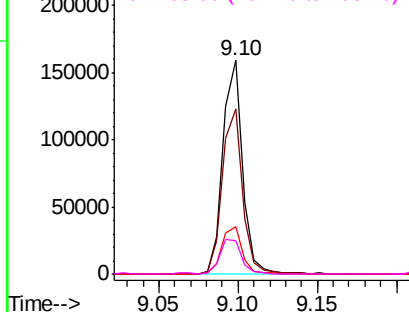
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

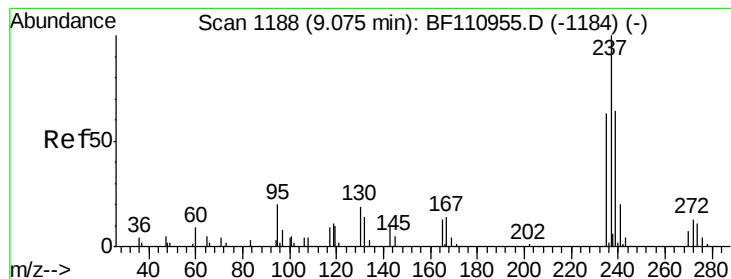


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.832 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion:216 Resp: 137155
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.8 95.6
 179 23.0 16.6 25.0
 108 18.7 15.1 22.7

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.121 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

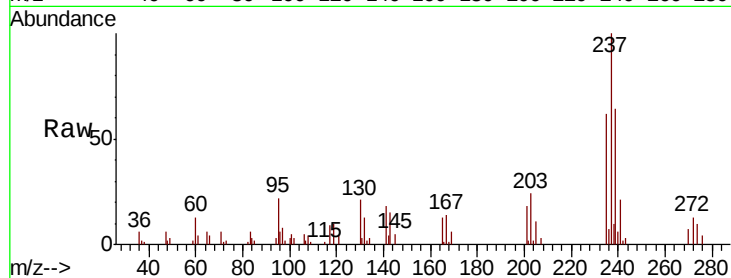
Tot Ion:237 Resp: 23659

Ion Ratio Lower Upper

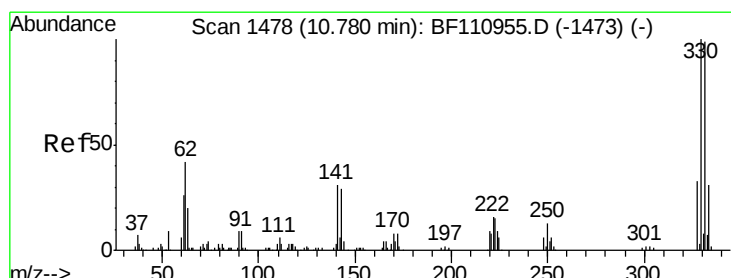
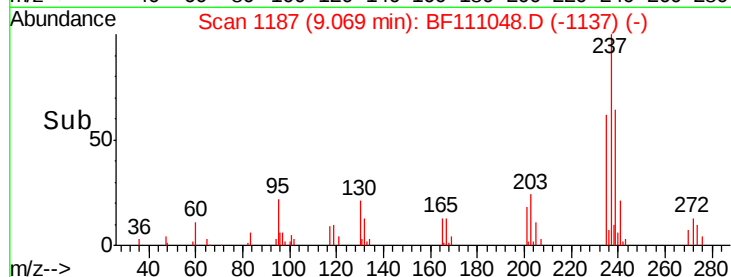
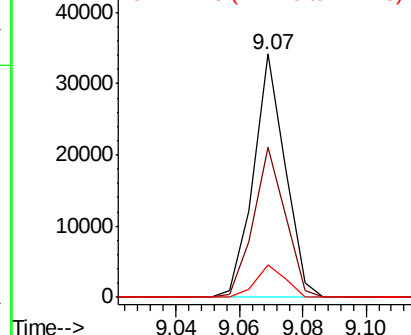
237 100

235 61.8 43.1 83.1

272 13.3 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: 106.511 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

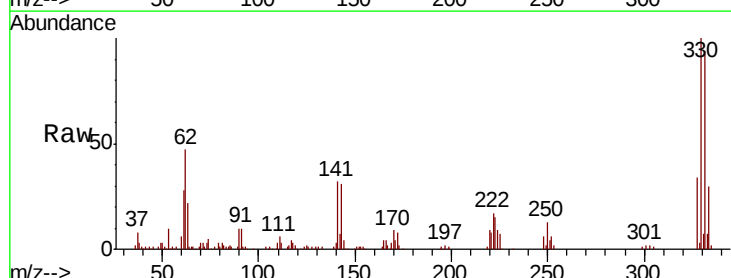
Tgt Ion:330 Resp: 118768

Ion Ratio Lower Upper

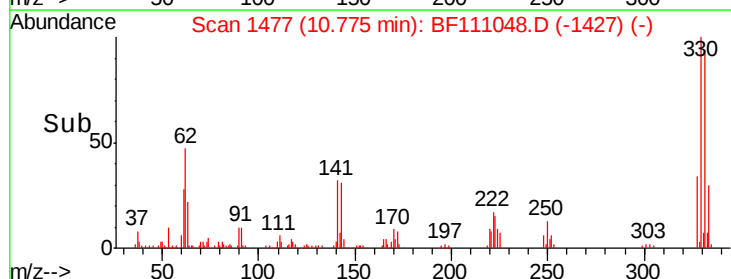
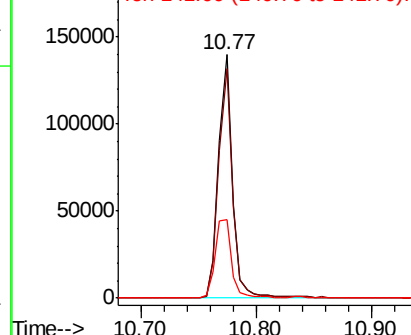
330 100

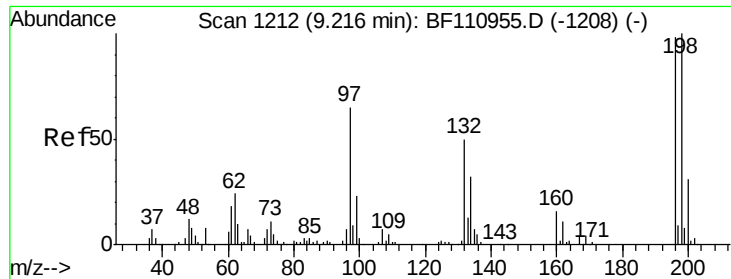
332 95.3 77.1 115.7

141 37.4 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

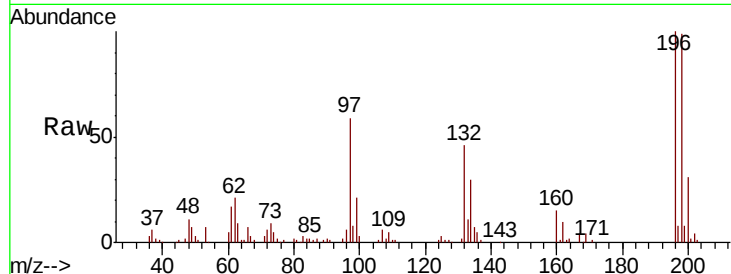




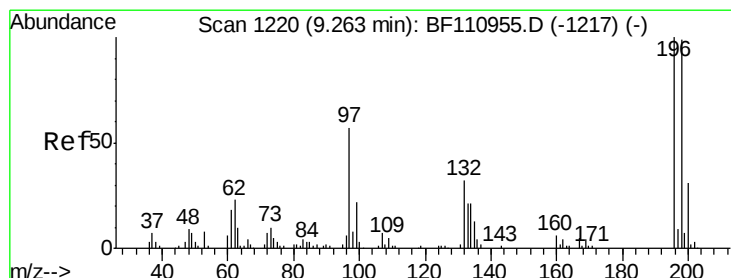
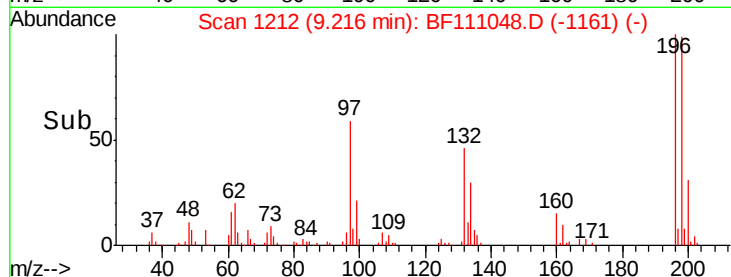
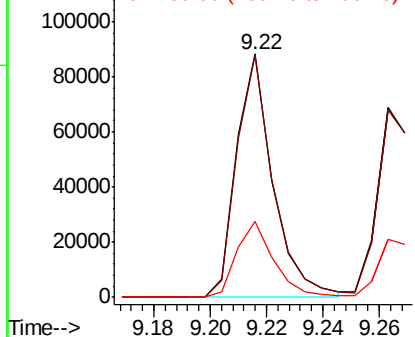
#43
 2,4,6-Trichlorophenol
 Concen: 37.576 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 79266
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.2 114.4
 200 31.2 24.4 36.6



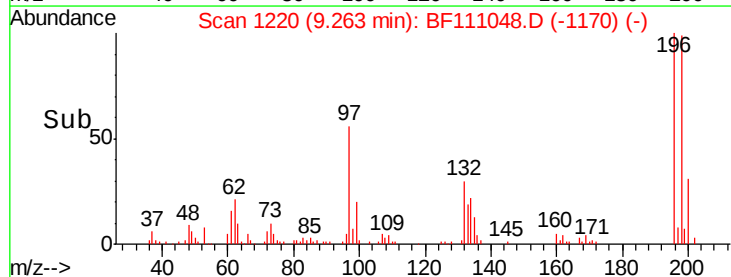
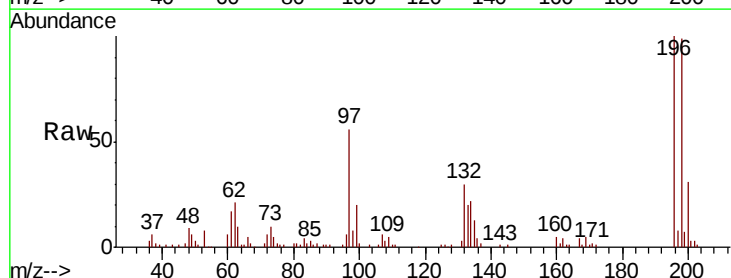
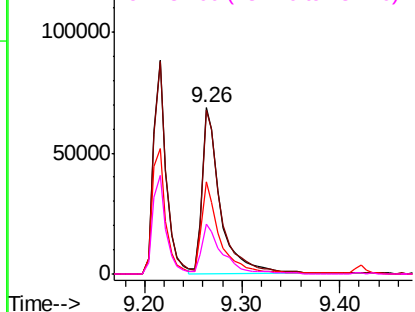
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

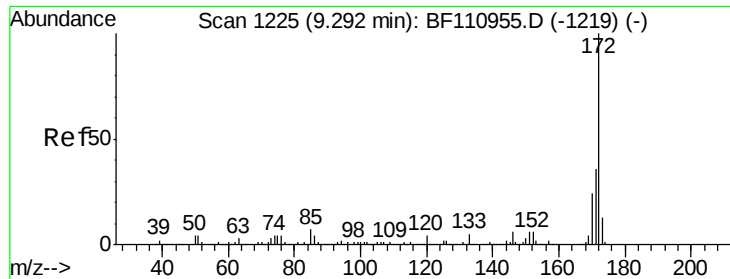


#44
 2,4,5-Trichlorophenol
 Concen: 40.158 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion:196 Resp: 89198
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.8 113.6
 97 55.8 42.4 63.6
 132 30.2 22.8 34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

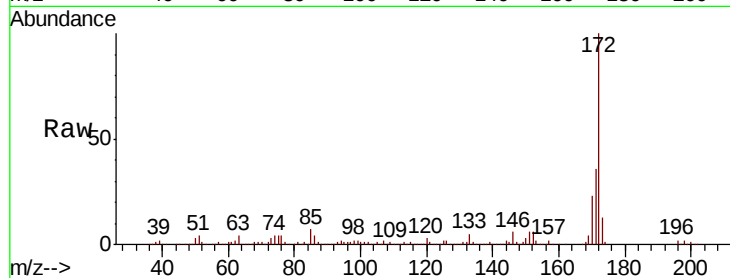




#45
2-Fluorobiphenyl
Concen: 76.908 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.1	19.7	29.5

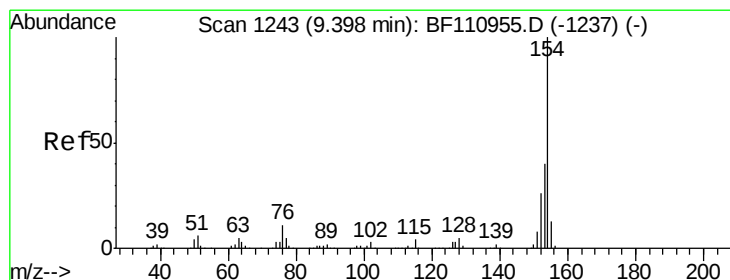
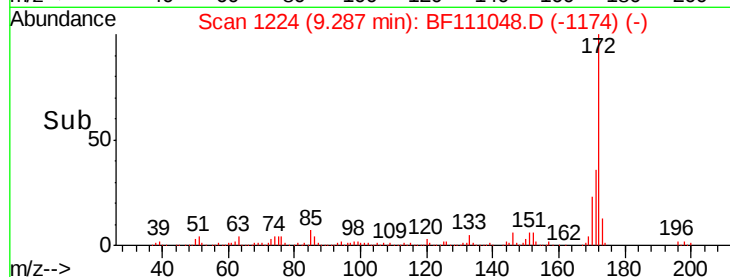
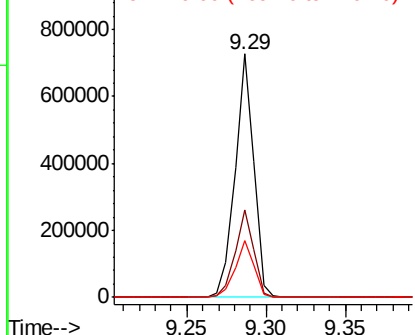


Abundance

Ion 172.00 (171.70 to 172.70): E

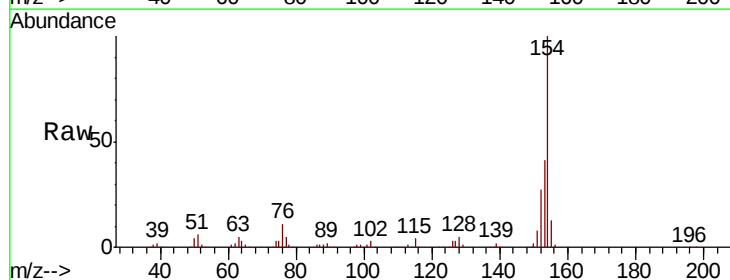
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.428 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	10.6	0.0	31.9

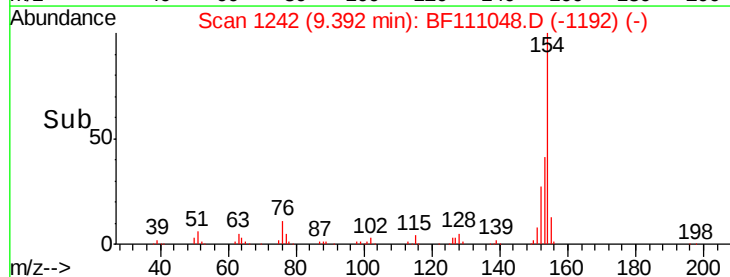
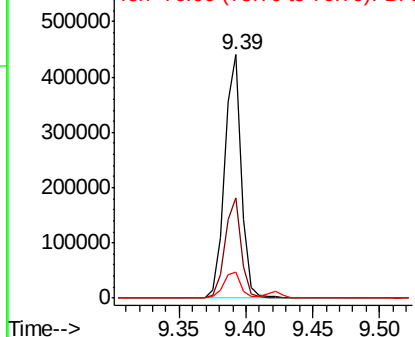


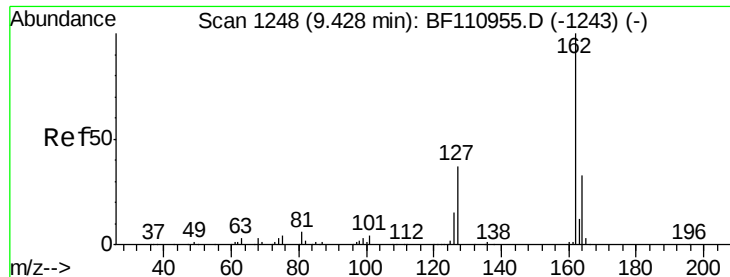
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

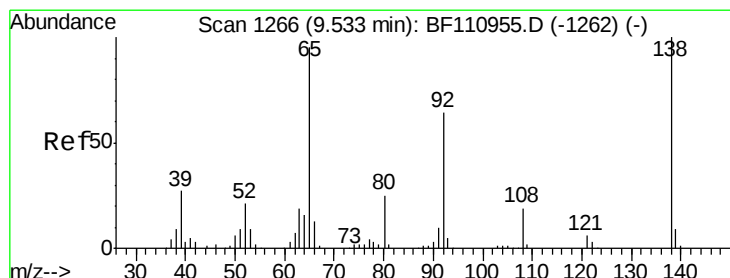
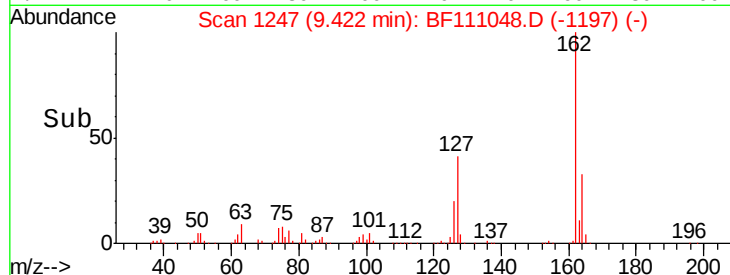
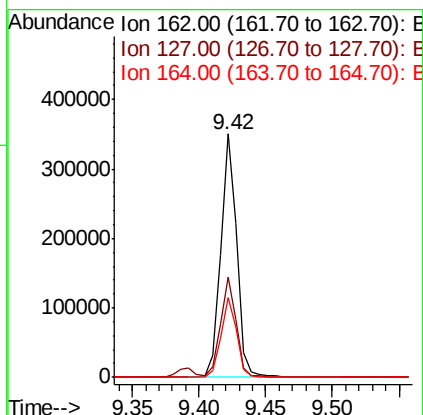
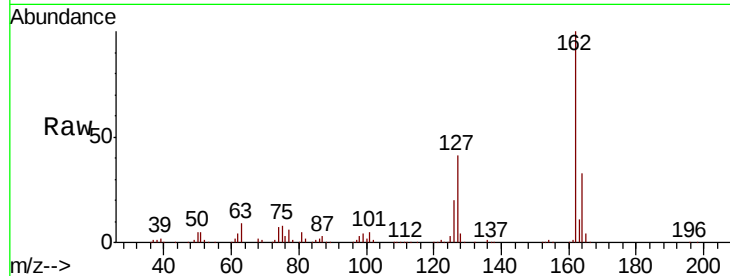




#47
 2-Chloronaphthalene
 Concen: 39.346 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

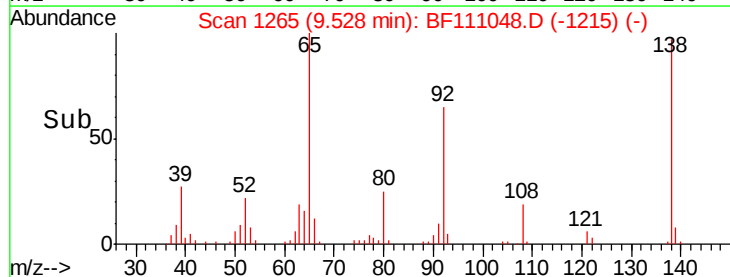
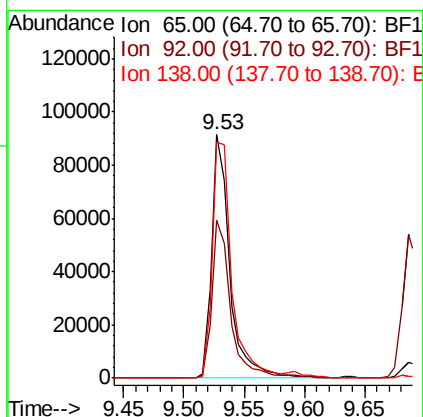
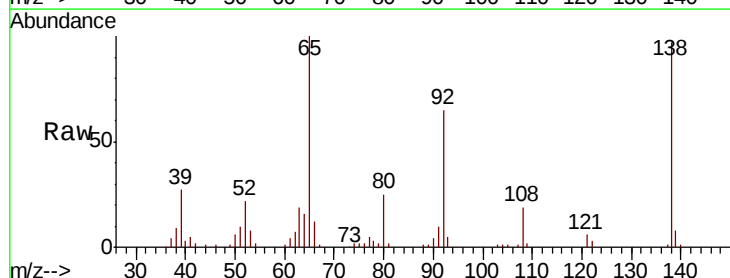
Instrument :
 BNA_F
 ClientSampleId :

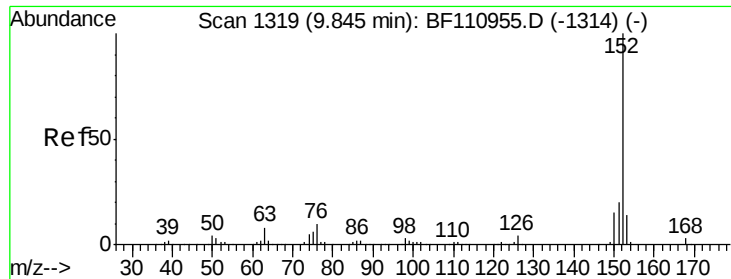
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	32.8	25.9	38.9



#48
 2-Nitroaniline
 Concen: 40.124 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	54.6	81.8
138	97.2	80.3	120.5





#49

Acenaphthylene

Concen: 41.961 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

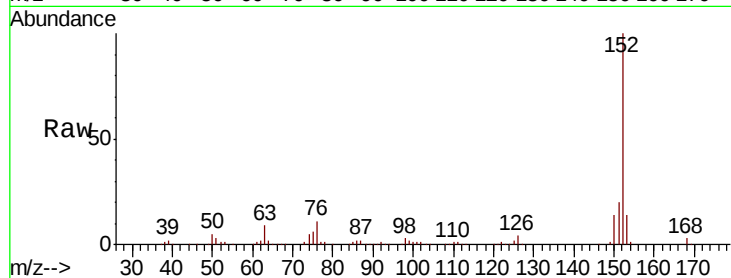
Tot Ion:152 Resp: 447831

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

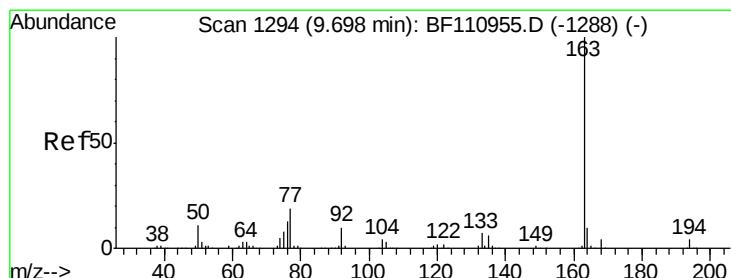
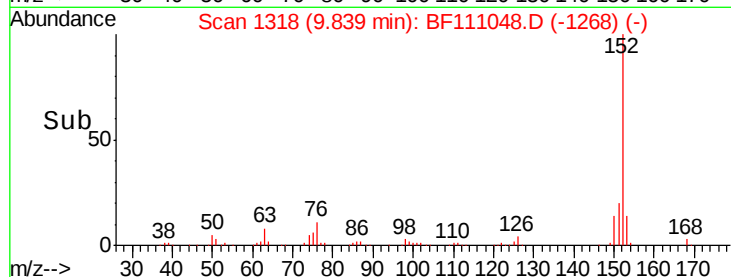
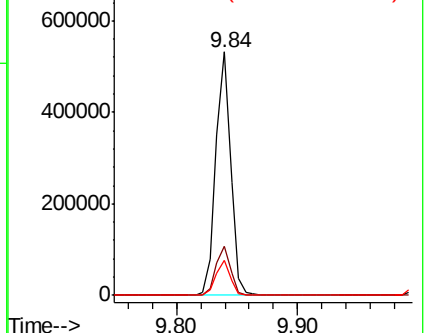
153 14.2 10.4 15.6



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: 45.024 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

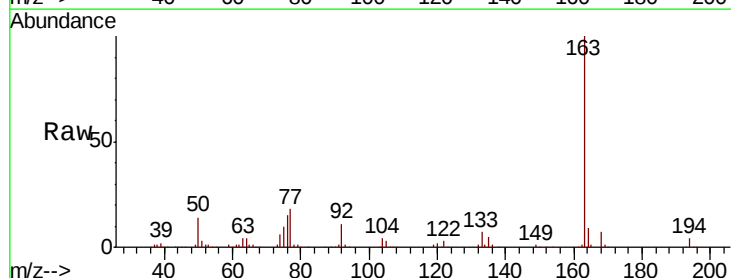
Tgt Ion:163 Resp: 370753

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

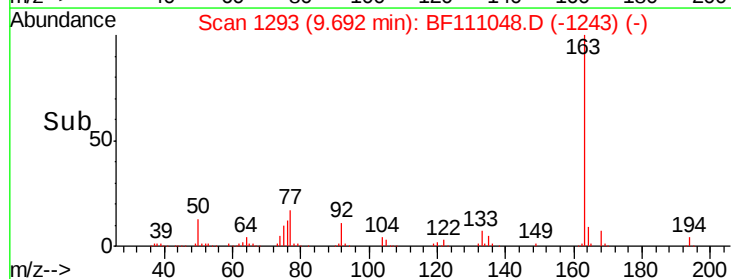
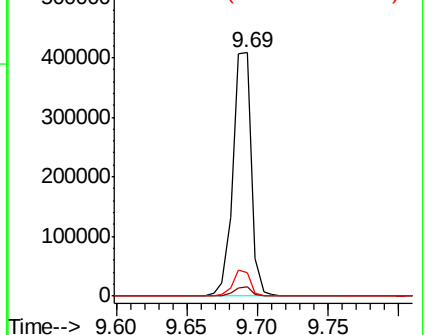
164 9.5 8.1 12.1

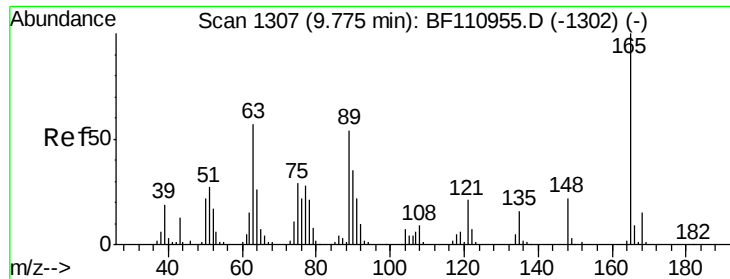


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.442 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

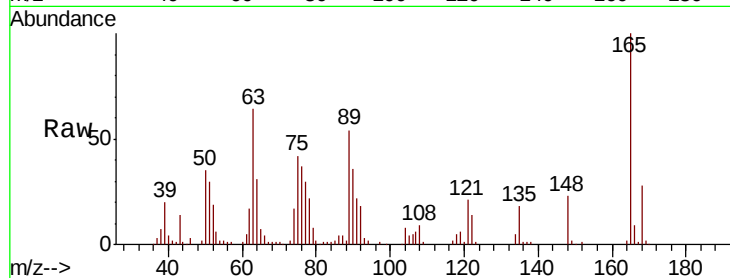
Tot Ion:165 Resp: 74138

Ion Ratio Lower Upper

165 100

63 63.7 48.9 73.3

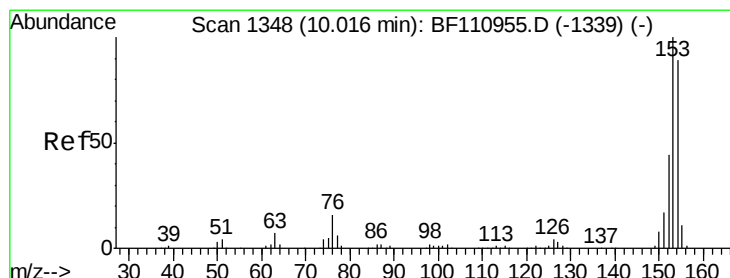
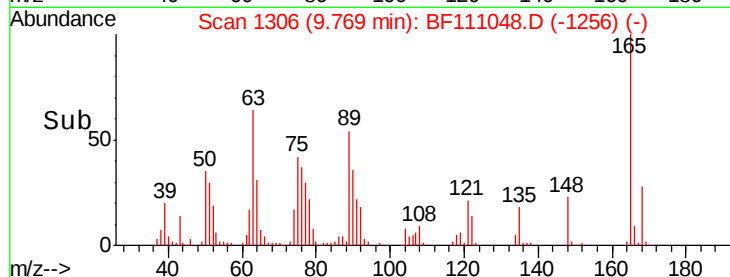
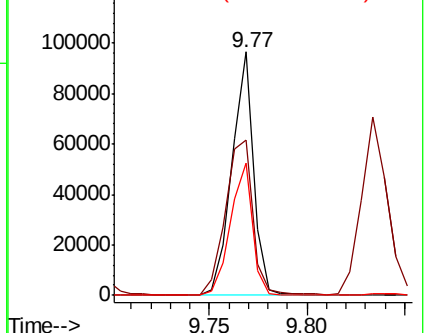
89 54.2 46.6 69.8



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: 40.220 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

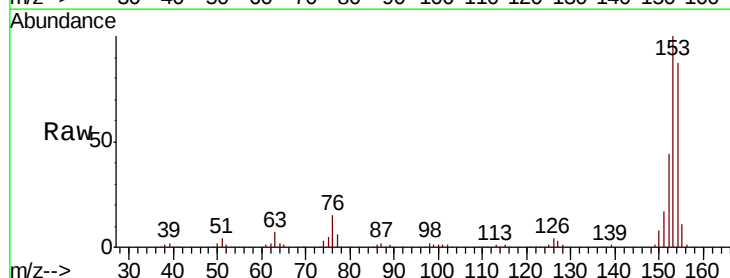
Tgt Ion:154 Resp: 275180

Ion Ratio Lower Upper

154 100

153 115.2 90.1 135.1

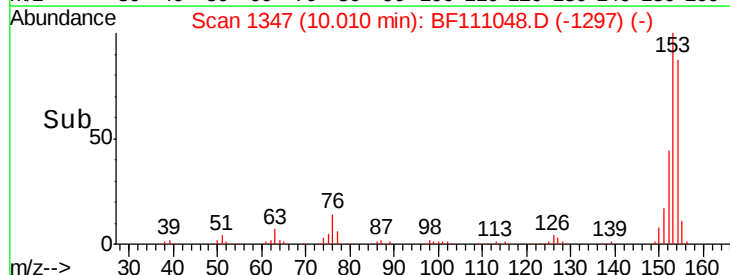
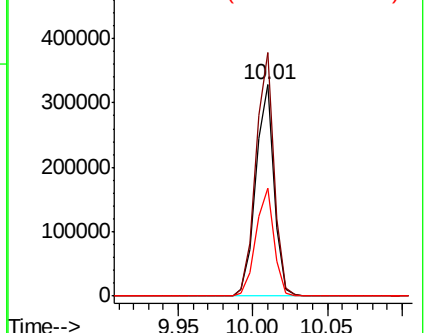
152 50.8 43.4 65.2

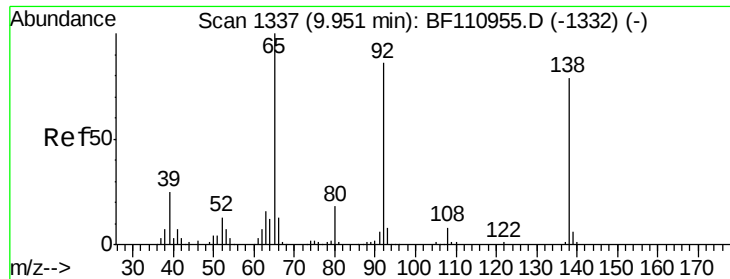


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

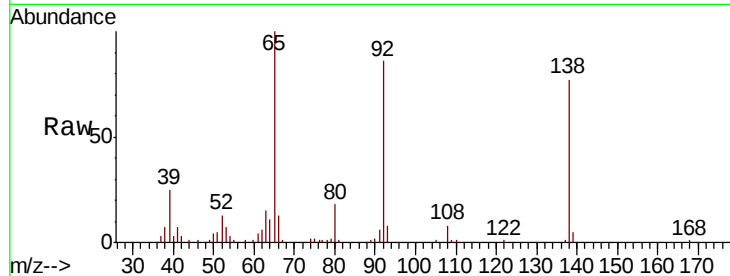




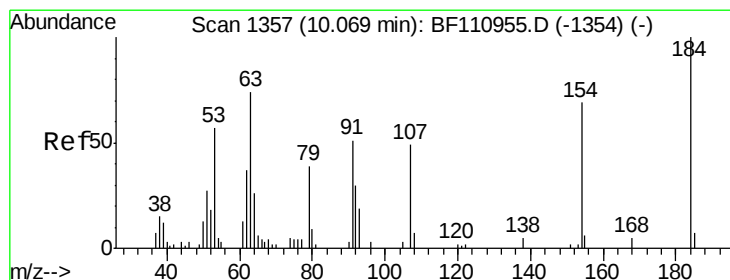
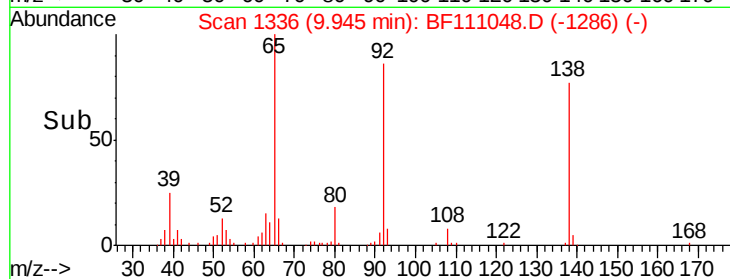
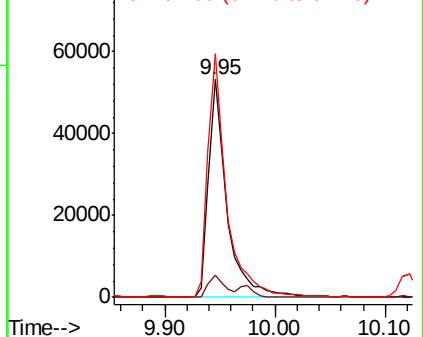
#53
3-Nitroaniline
Concen: 28.165 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 60178
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 111.7 97.0 145.4

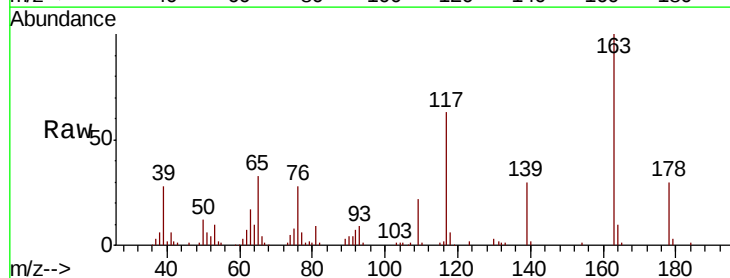


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

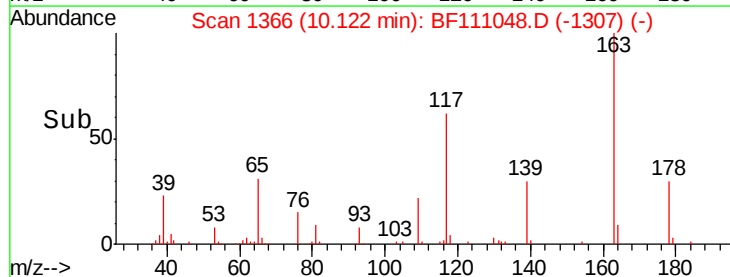
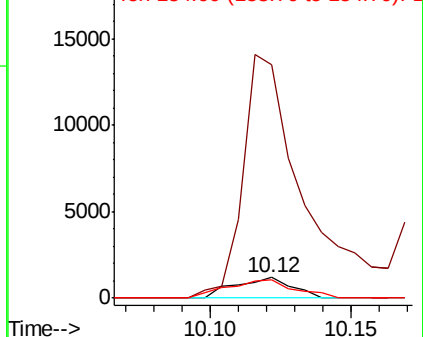


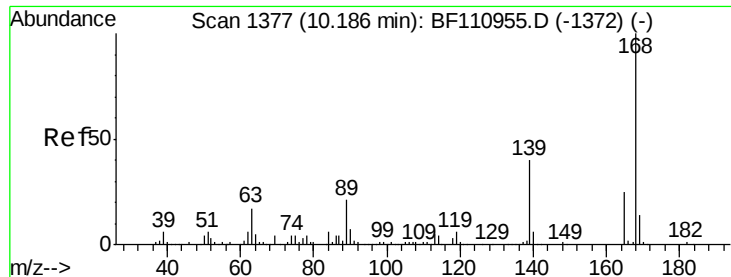
#54
2,4-Dinitrophenol
Concen: 6.169 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:184 Resp: 1665
Ion Ratio Lower Upper
184 100
63 1121.8 55.8 83.6#
154 85.7 63.2 94.8



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

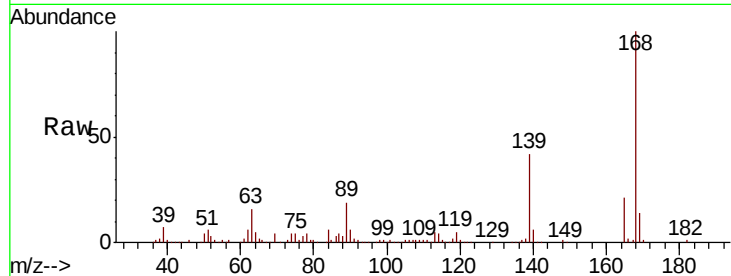




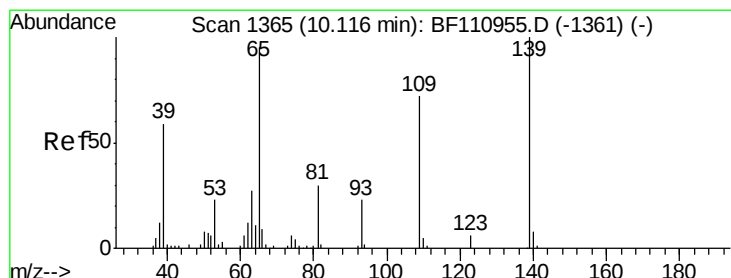
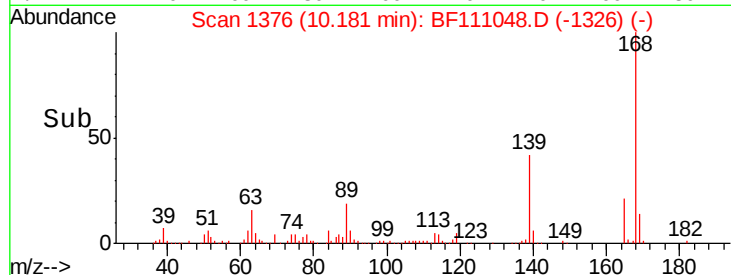
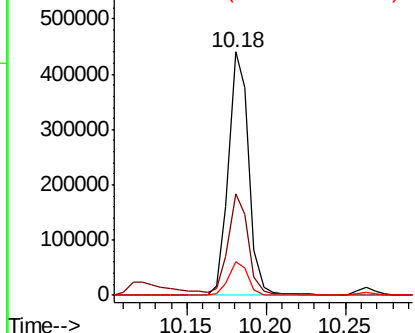
#55
Dibenzenofuran
Concen: 38.986 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 389132
Ion Ratio Lower Upper
168 100
139 41.7 33.0 49.6
169 13.8 11.3 16.9

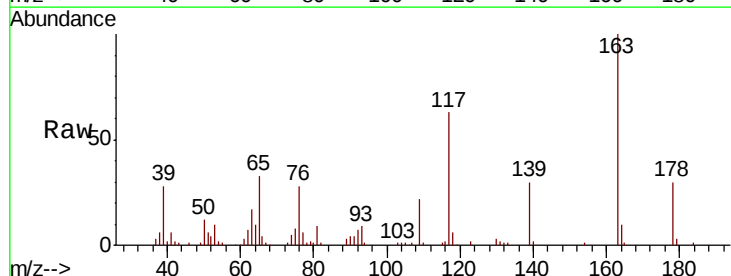


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

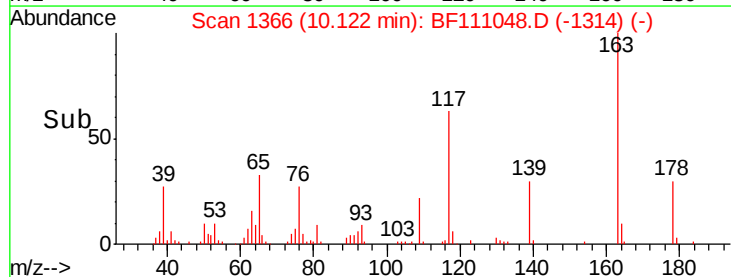
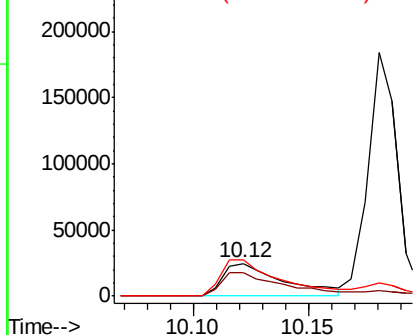


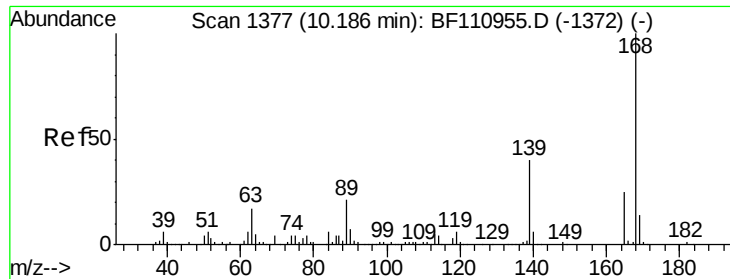
#56
4-Nitrophenol
Concen: 40.579 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:139 Resp: 45579
Ion Ratio Lower Upper
139 100
109 73.0 55.8 95.8
65 109.8 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

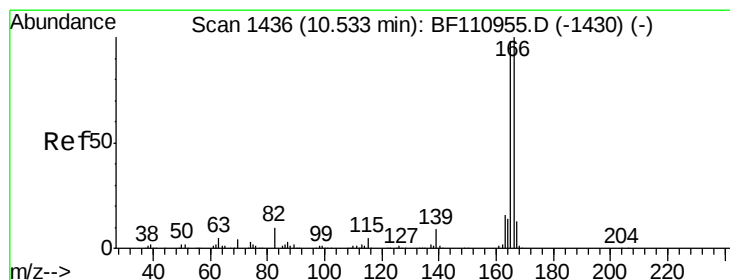
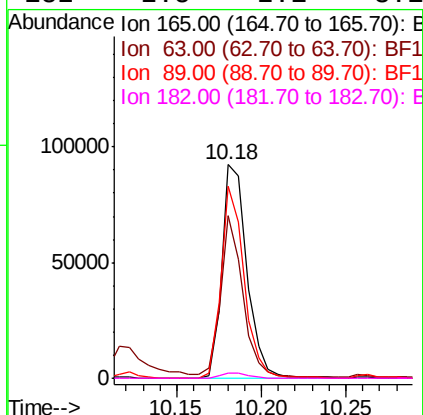
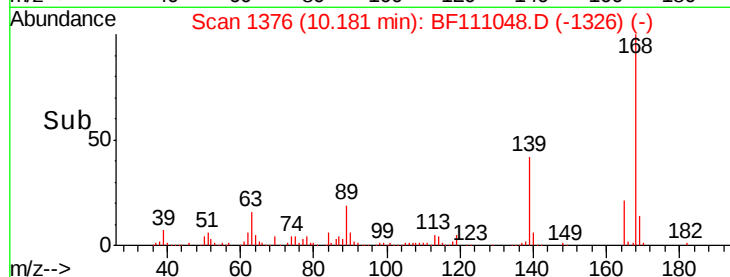
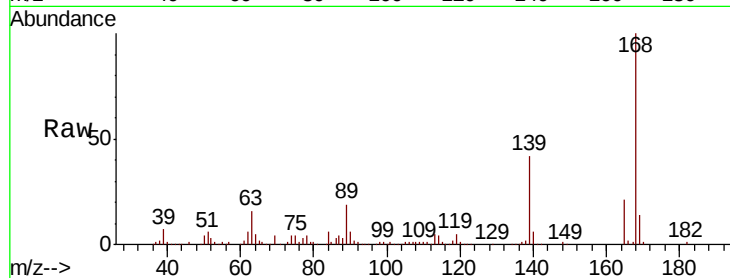




#57
2,4-Dinitrotoluene
Concen: 40.230 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

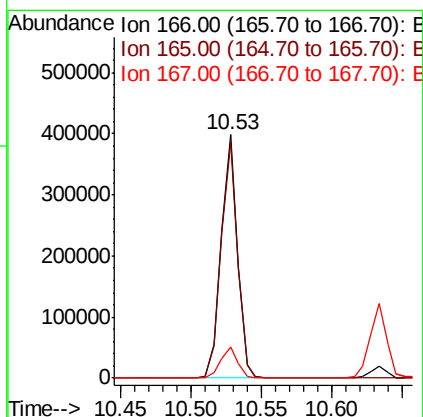
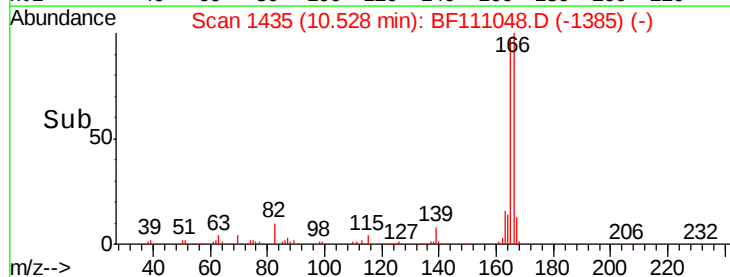
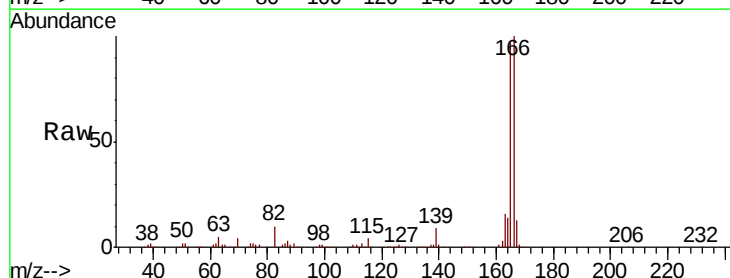
Instrument :
BNA_F
ClientSampled :

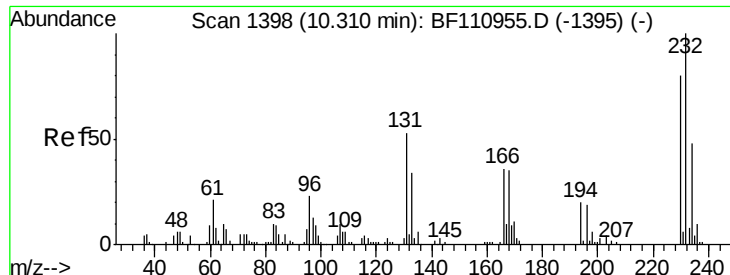
Tot Ion:165 Resp: 95684
Ion Ratio Lower Upper
165 100
63 76.3 44.8 67.2#
89 90.0 62.2 93.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 41.437 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:166 Resp: 321793
Ion Ratio Lower Upper
166 100
165 96.7 78.6 117.8
167 13.0 10.8 16.2

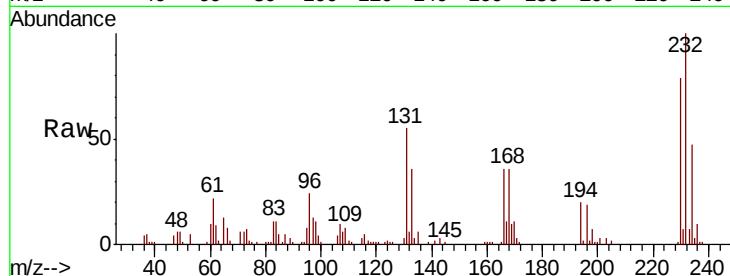




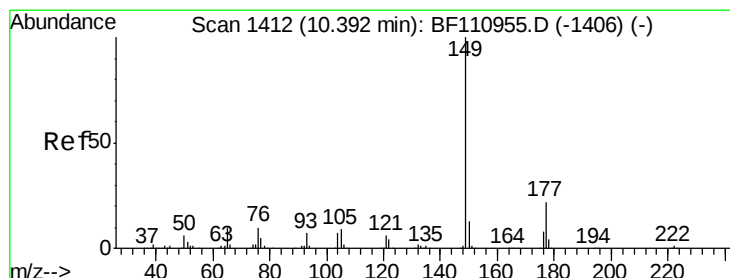
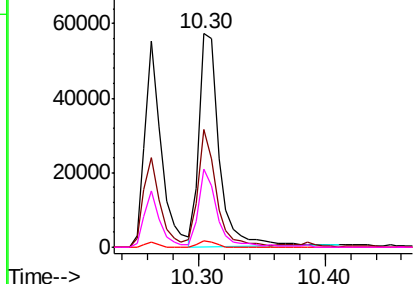
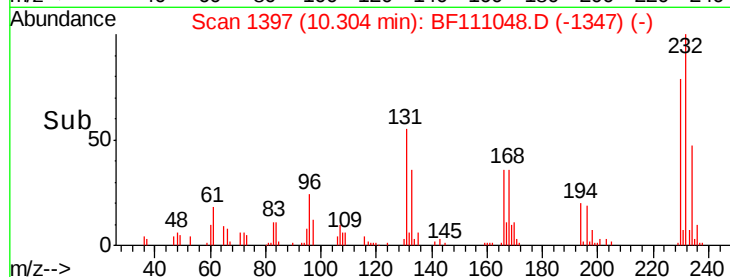
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.559 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 62997
 Ion Ratio Lower Upper
 232 100
 131 50.3 37.0 55.4
 130 2.3 1.8 2.6
 166 32.0 22.0 33.0

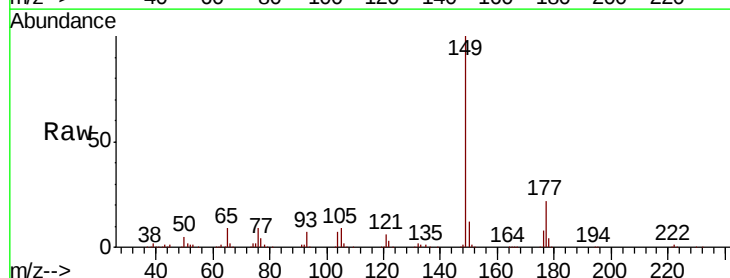


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

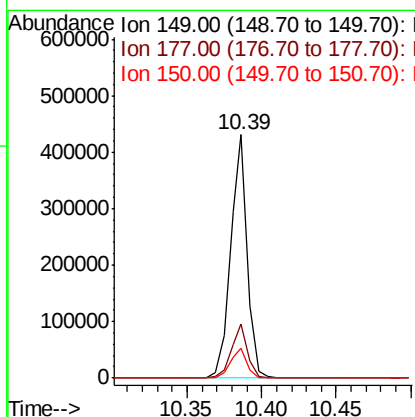
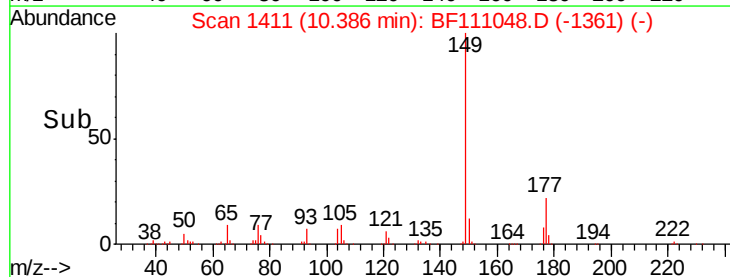


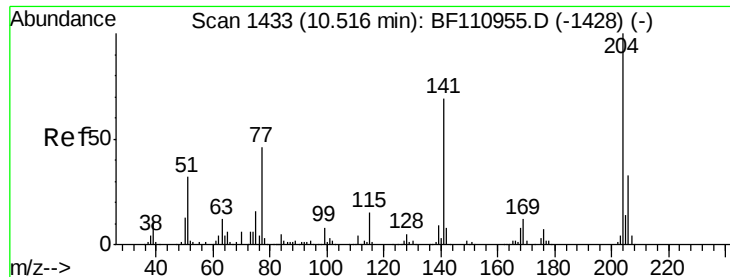
#60
 Diethylphthalate
 Concen: 39.882 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion:149 Resp: 338665
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.4 26.2
 150 12.1 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

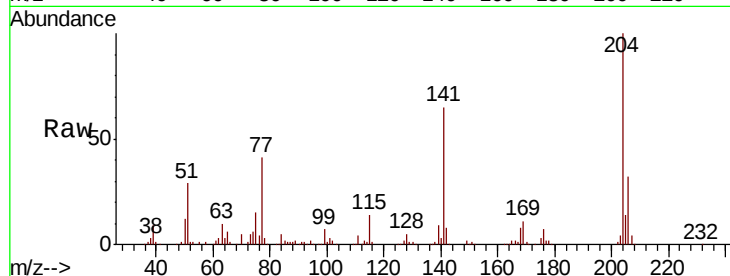




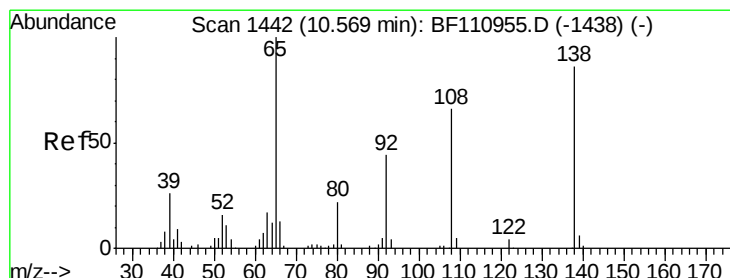
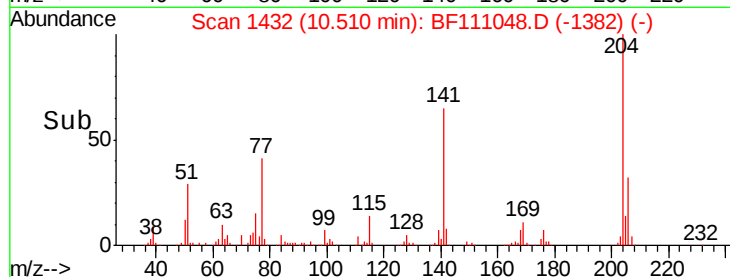
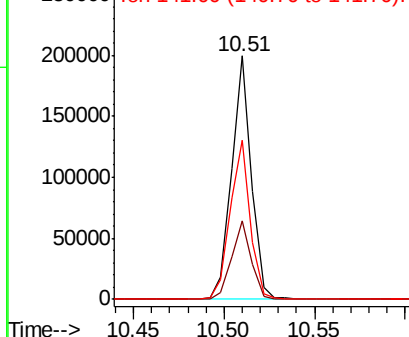
#61
4-Chlorophenyl-phenylether
Concen: 37.094 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 150673
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 65.3 51.8 77.8

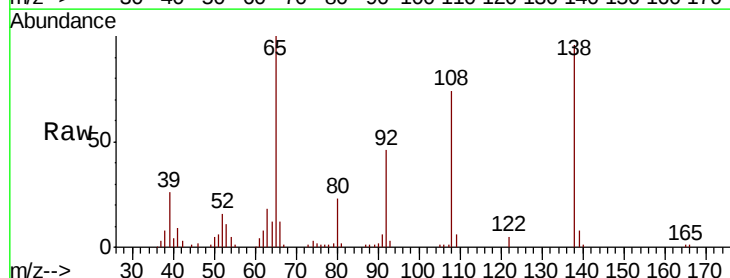


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

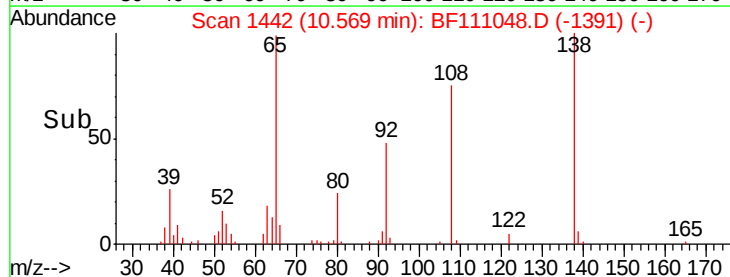
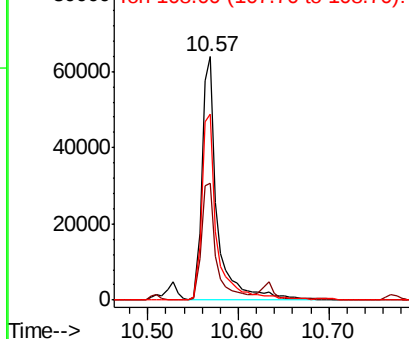


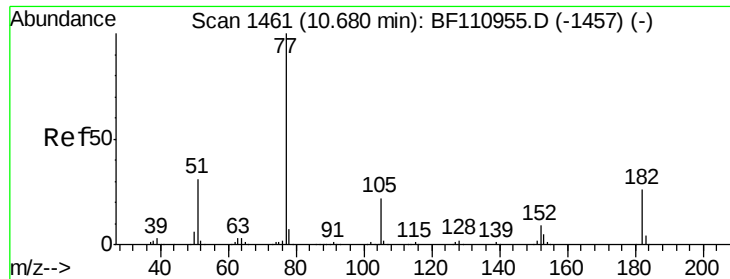
#62
4-Nitroaniline
Concen: 38.303 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:138 Resp: 76198
Ion Ratio Lower Upper
138 100
92 47.9 31.7 71.7
108 76.6 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

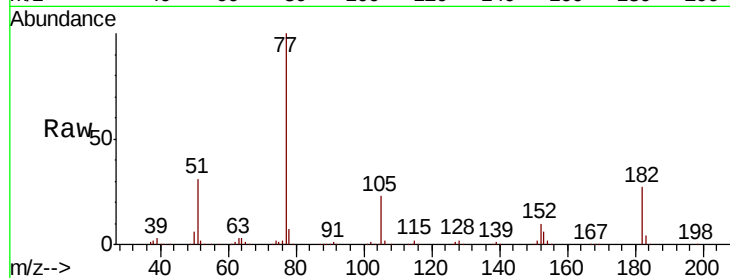




#63
Azobenzene
Concen: 37.858 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.3	44.3
105	22.8	1.3	41.3
51	31.2	9.0	49.0



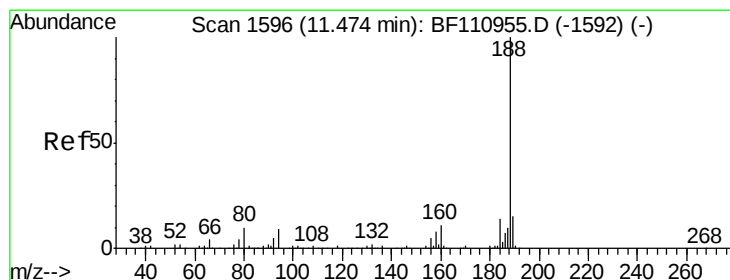
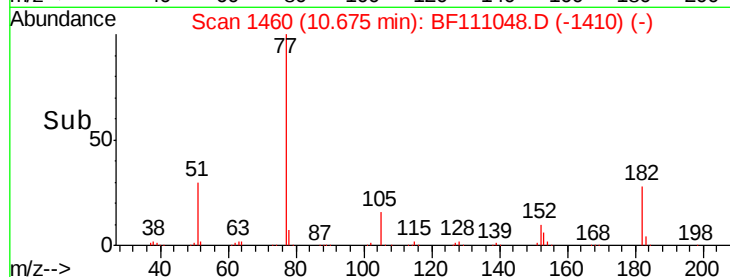
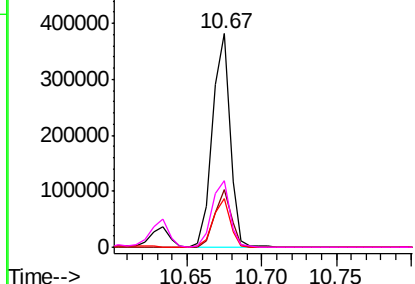
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

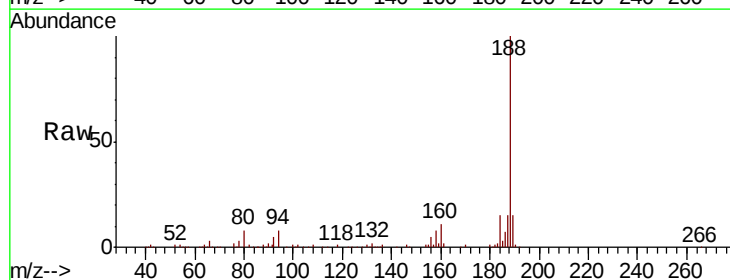
Ion 105.00 (104.70 to 105.70): E

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: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.3	7.9	11.9

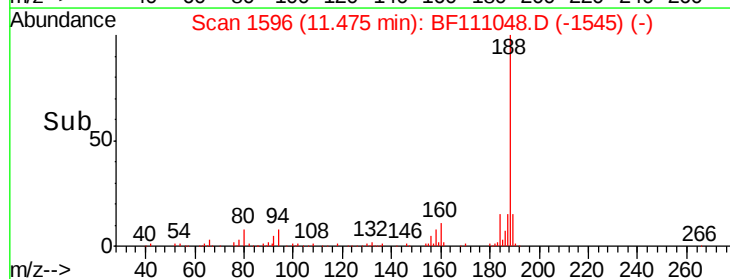
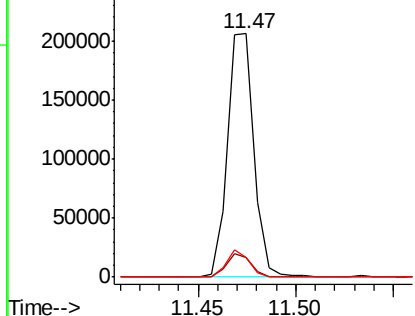


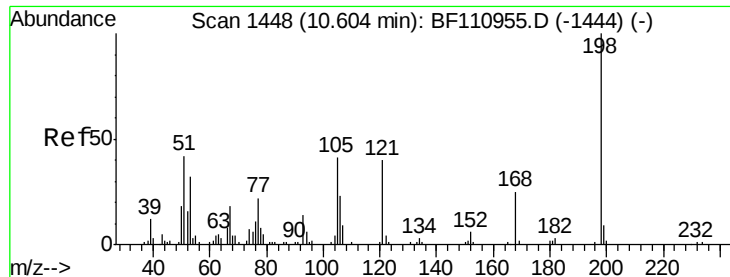
Abundance

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: 13.552 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

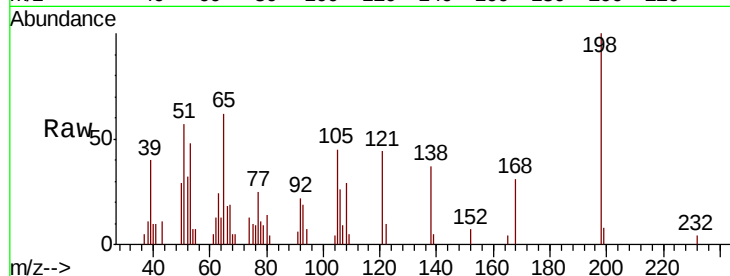
Tot Ion:198 Resp: 12395

Ion Ratio Lower Upper

198 100

51 57.0 22.8 62.8

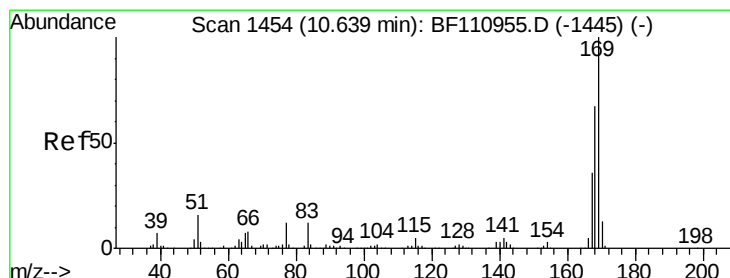
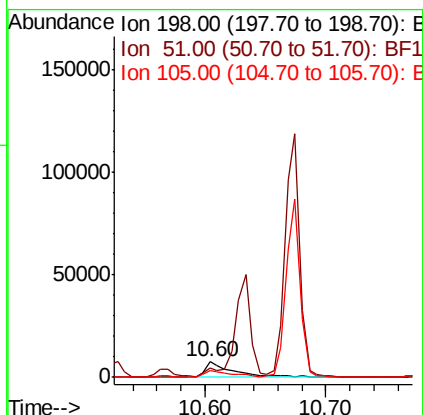
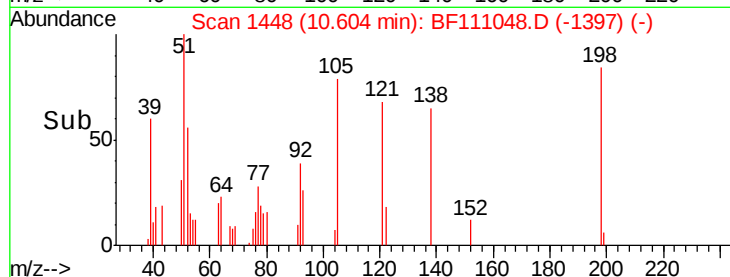
105 44.8 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.179 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

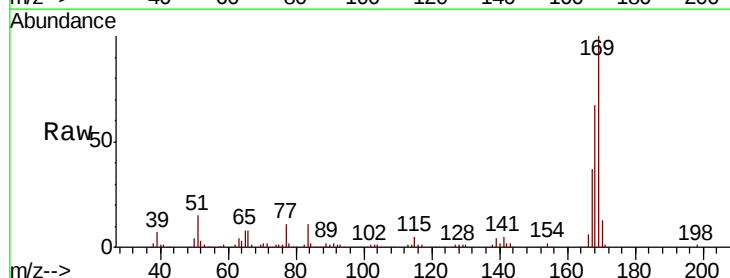
Tgt Ion:169 Resp: 277922

Ion Ratio Lower Upper

169 100

168 67.2 51.2 76.8

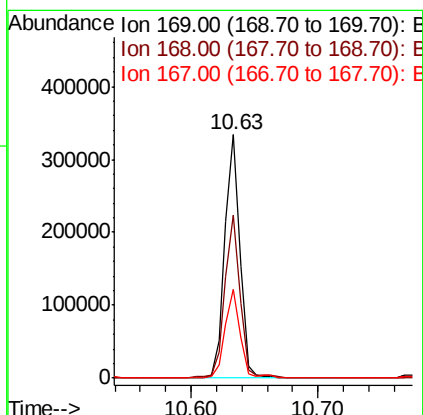
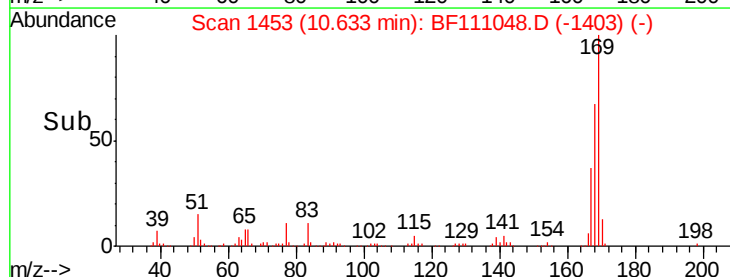
167 36.7 27.8 41.6

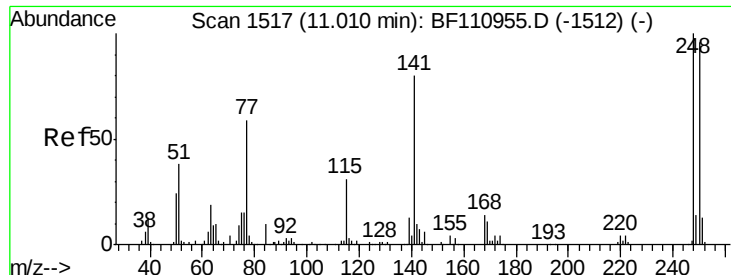


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

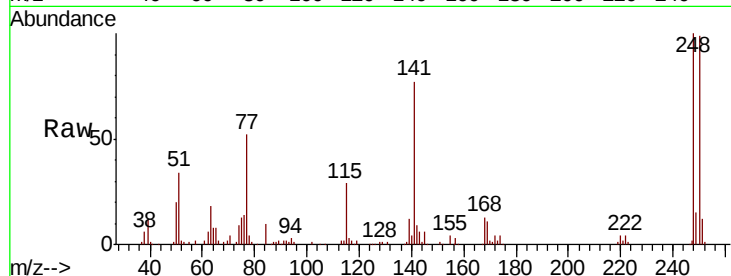




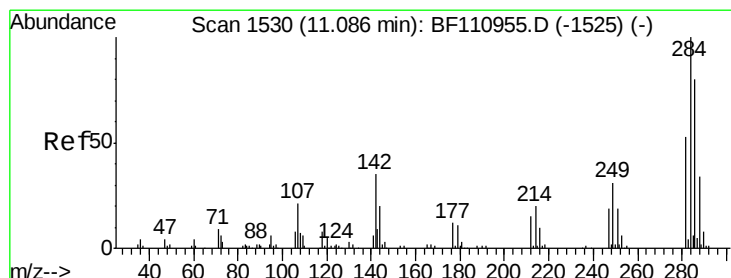
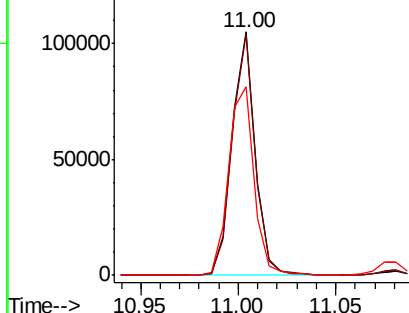
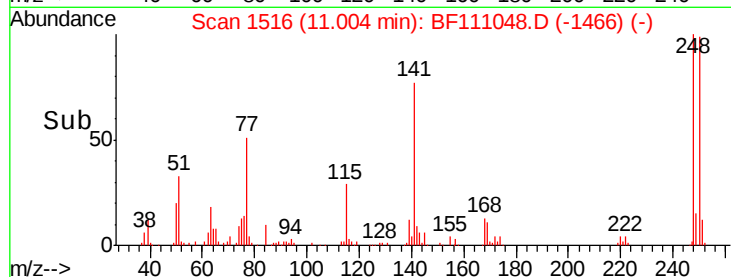
#67
4-Bromophenyl-phenylether
Concen: 41.141 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 86632
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.2
141 77.2 55.9 83.9

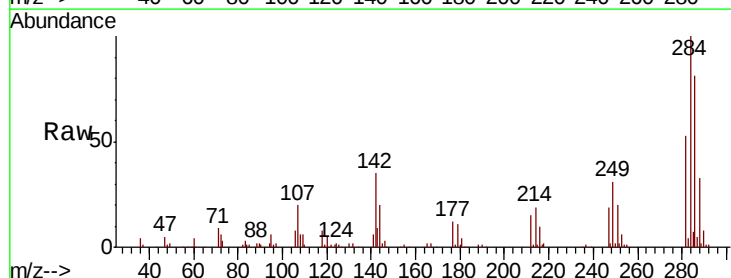


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

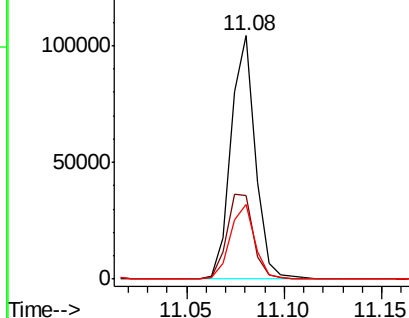
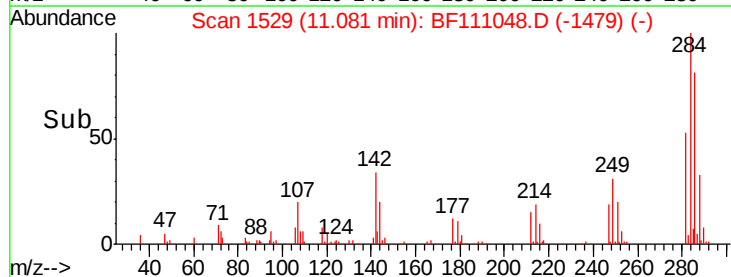


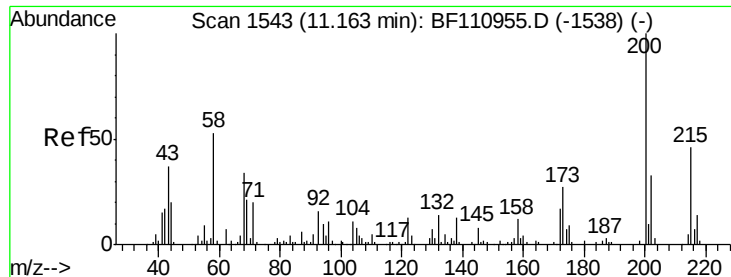
#68
Hexachlorobenzene
Concen: 40.148 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:284 Resp: 90047
Ion Ratio Lower Upper
284 100
142 34.6 23.9 35.9
249 30.8 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: 53.303 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

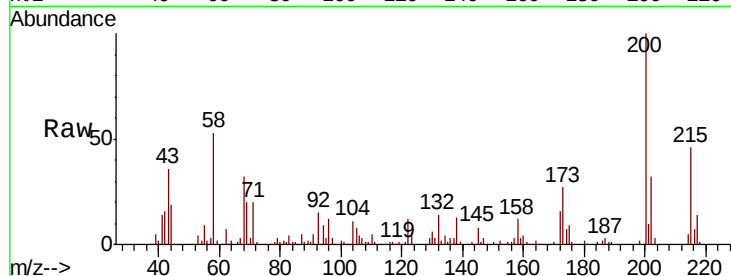
Tot Ion:200 Resp: 88291

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

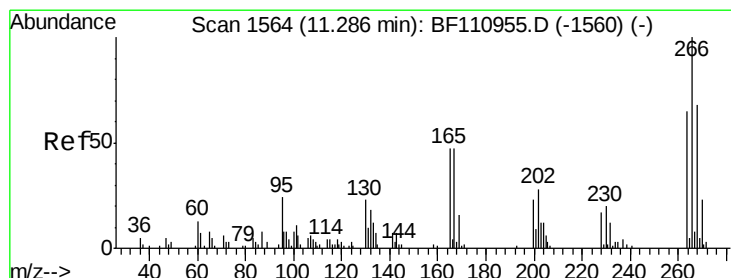
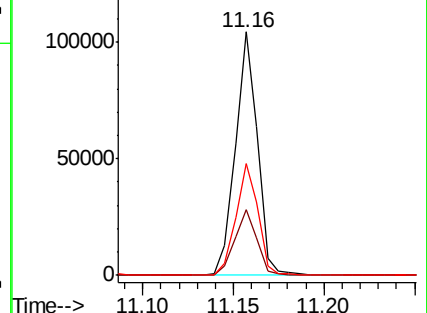
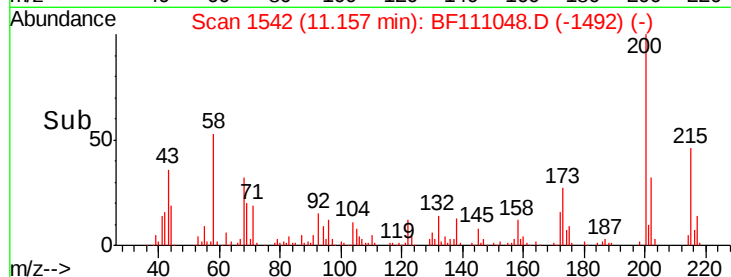
215 45.7 26.3 66.3



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: 47.746 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

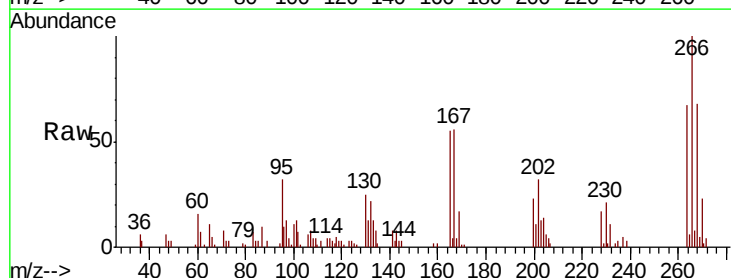
Tgt Ion:266 Resp: 42605

Ion Ratio Lower Upper

266 100

268 68.4 50.6 75.8

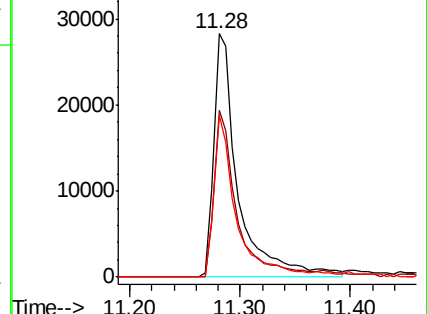
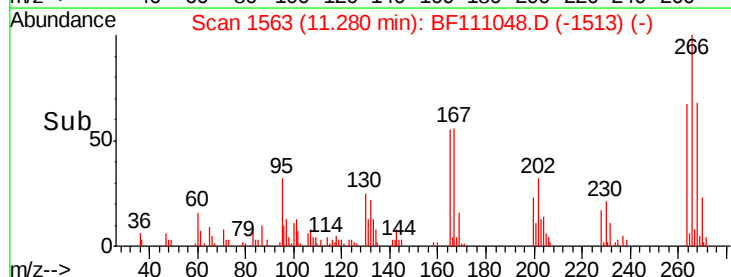
264 66.6 50.6 75.8

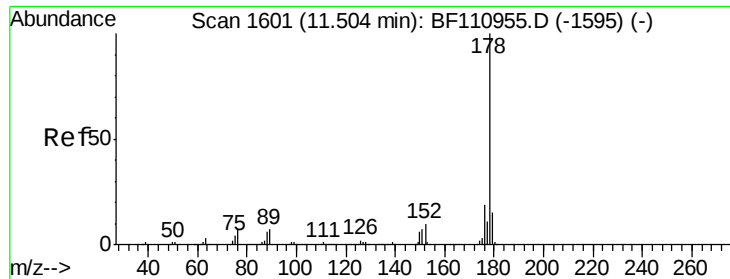


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

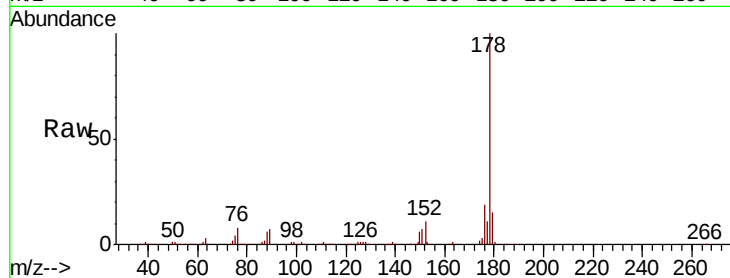




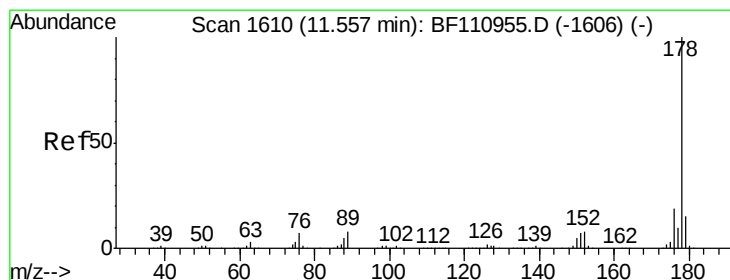
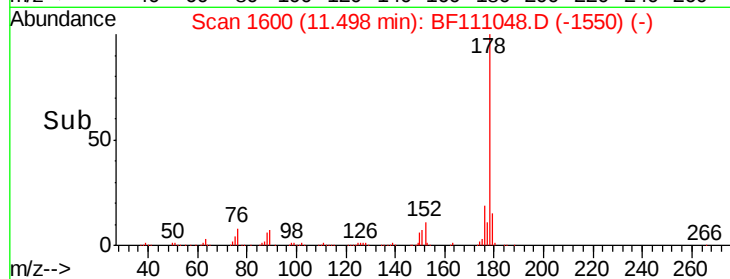
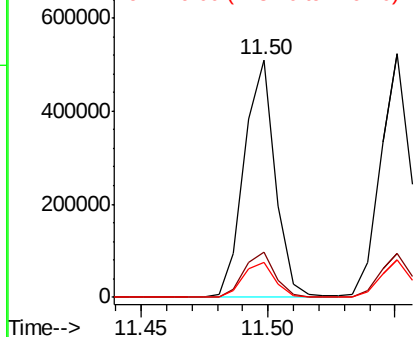
#71
Phenanthrene
Concen: 42.593 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 436160
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.8 12.5 18.7

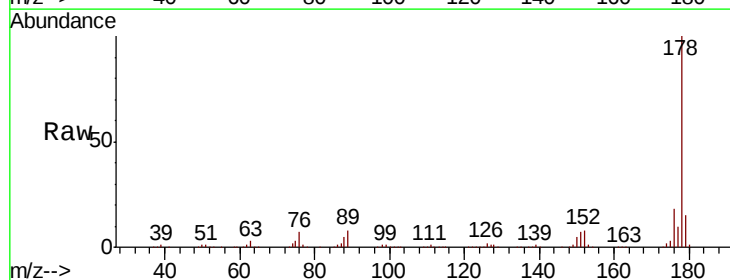


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

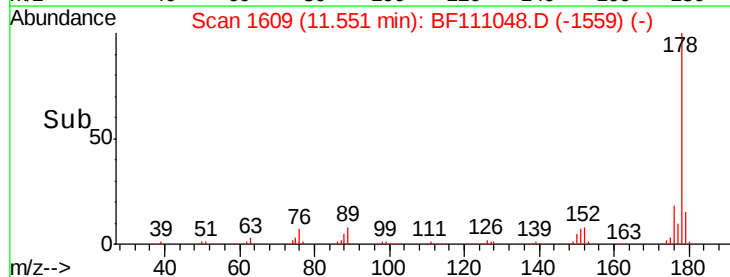
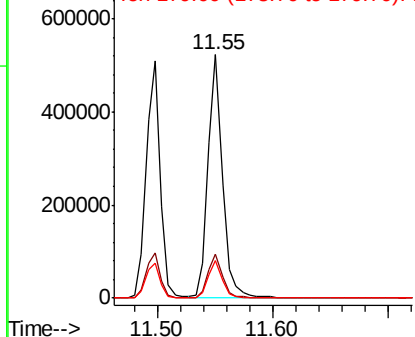


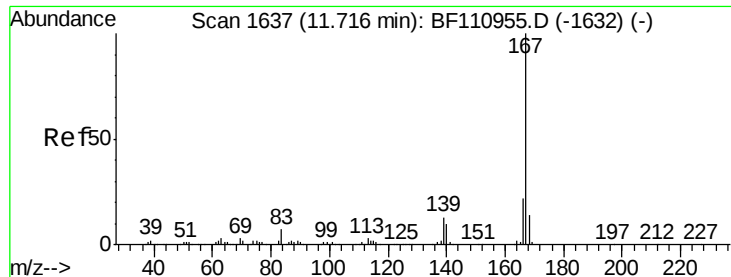
#72
Anthracene
Concen: 43.851 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:178 Resp: 457302
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.2 12.6 18.8



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

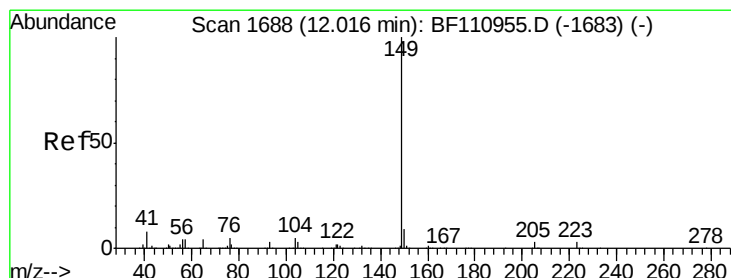
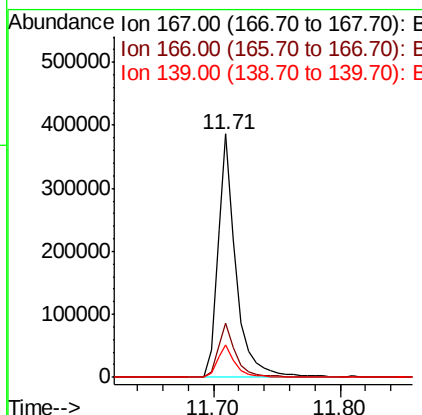
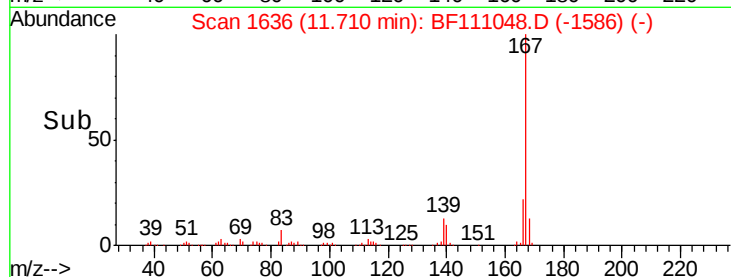
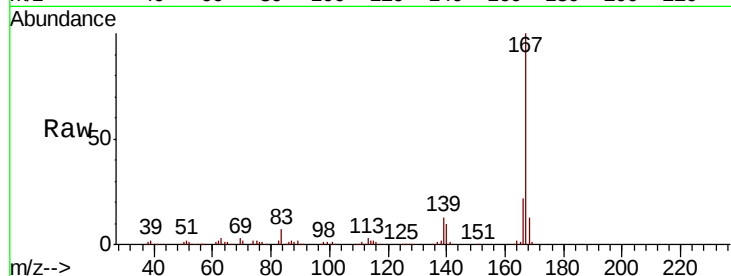




#73
 Carbazole
 Concen: 37.959 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

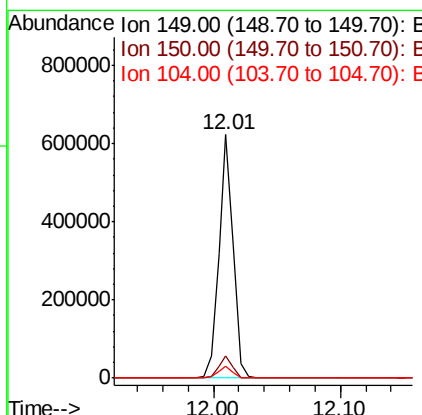
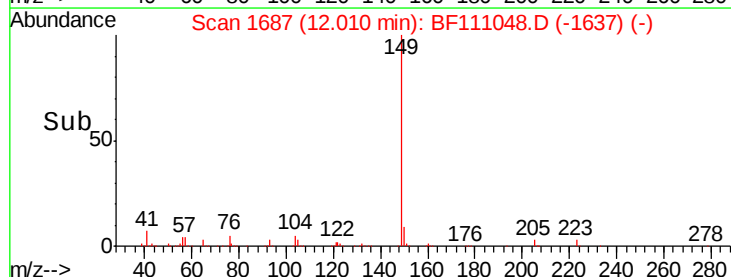
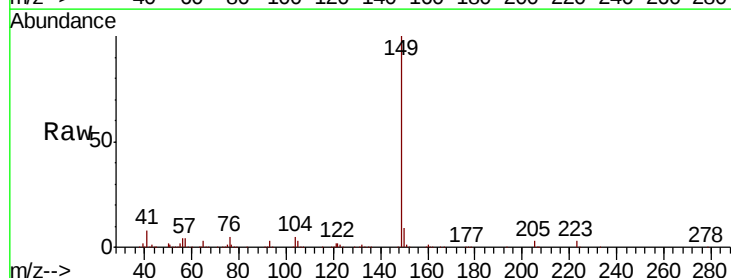
Instrument :
 BNA_F
 ClientSampleId :

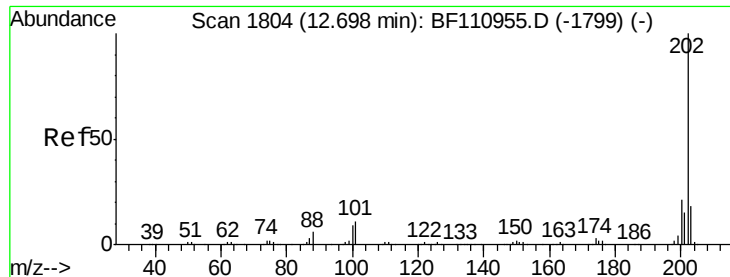
Tot Ion:167 Resp: 384231
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.341 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BF111048.D
 Acq: 28 Nov 2018 16:29

Tgt Ion:149 Resp: 489270
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 36.757 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampled :

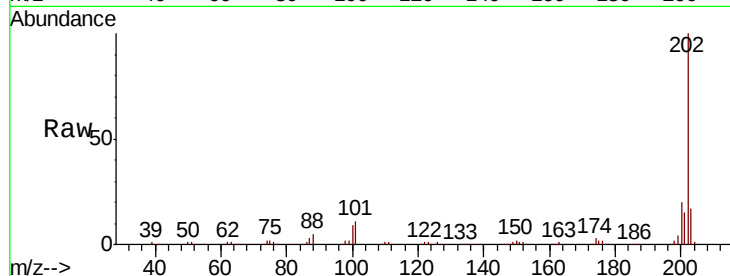
Tot Ion:202 Resp: 386862

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

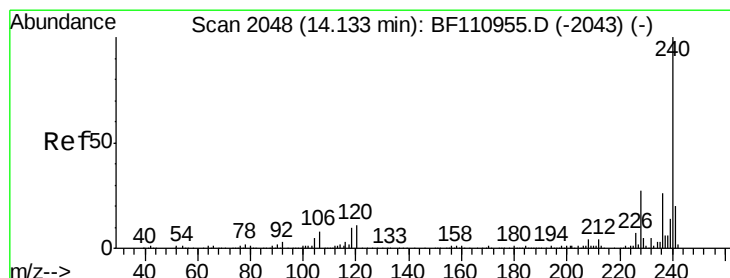
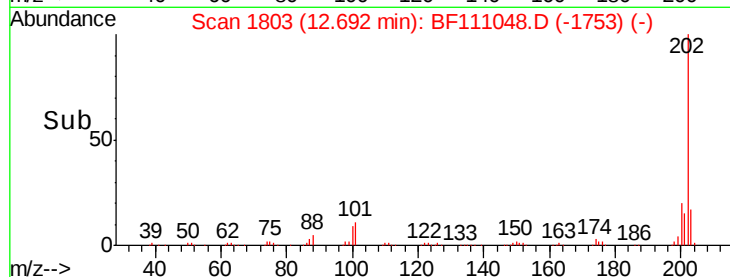
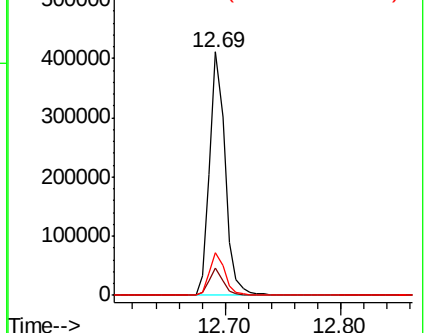
203 17.3 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

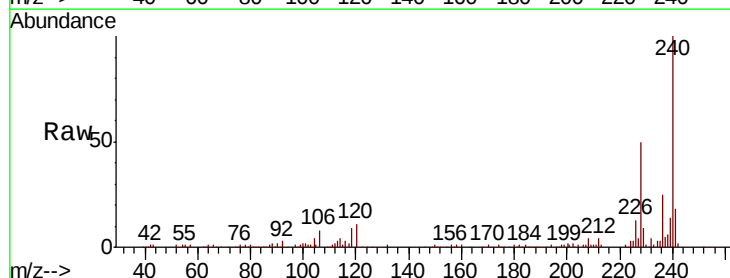
Tgt Ion:240 Resp: 110964

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

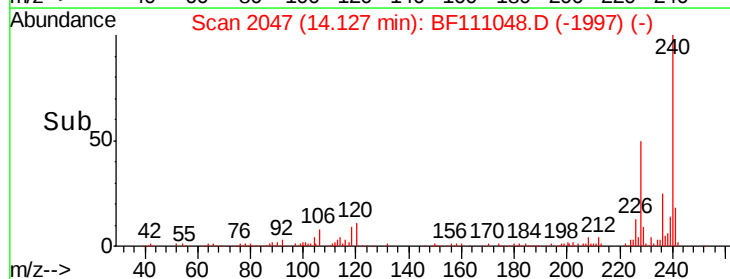
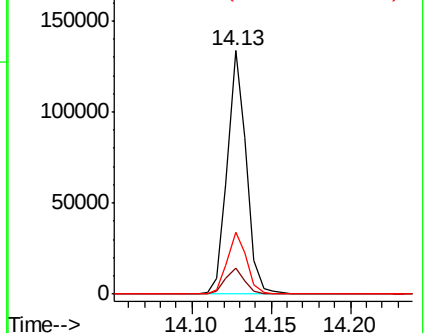
236 25.3 21.2 31.8

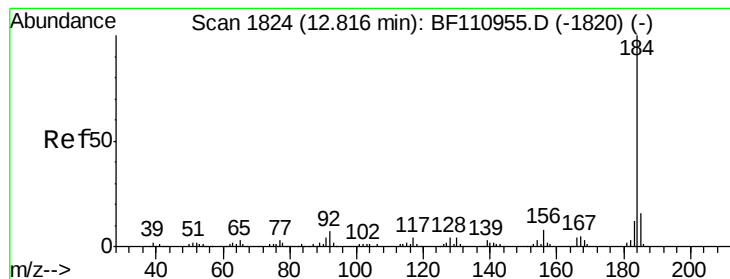


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.225 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

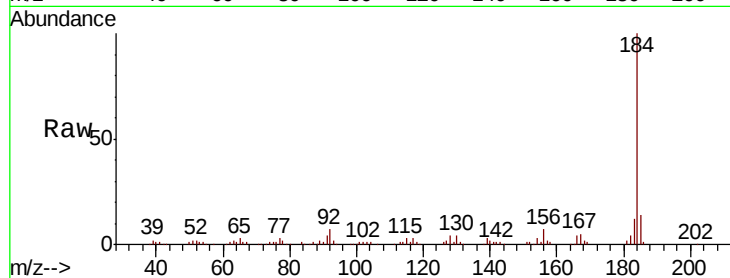
Tot Ion:184 Resp: 165256

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

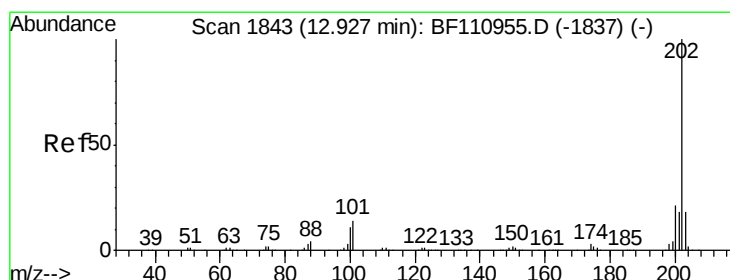
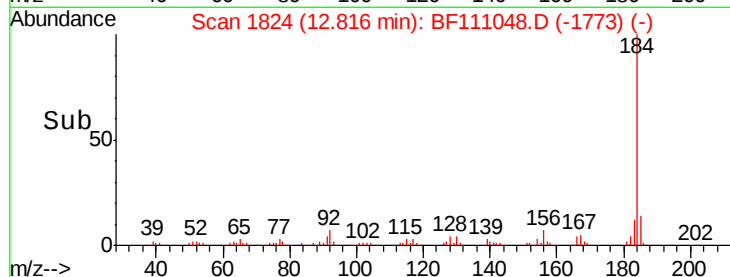
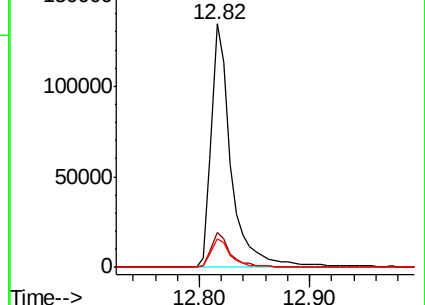
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.963 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

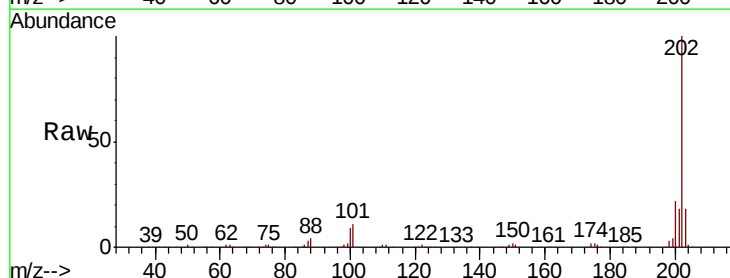
Tgt Ion:202 Resp: 372504

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

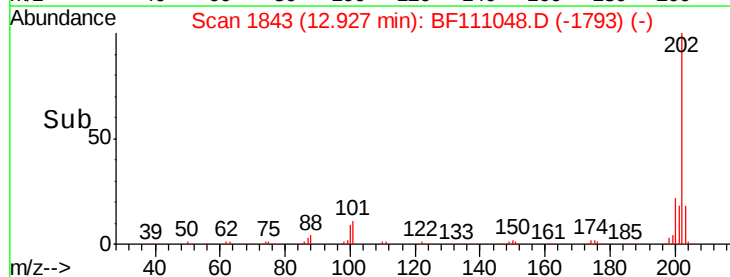
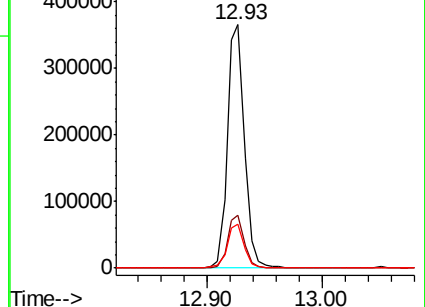
203 17.9 14.2 21.4

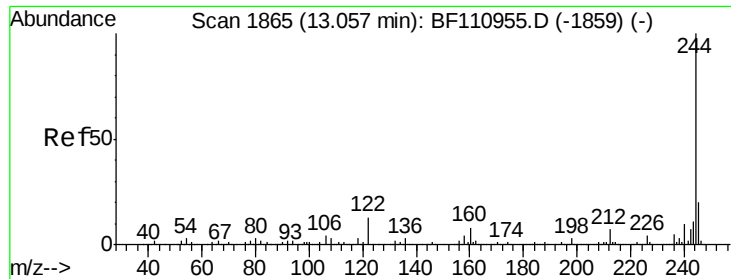


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.726 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

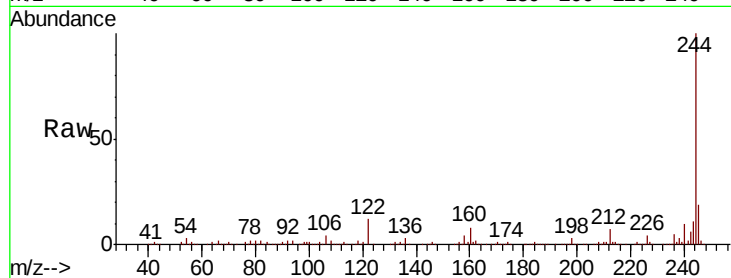
Tot Ion:244 Resp: 471564

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

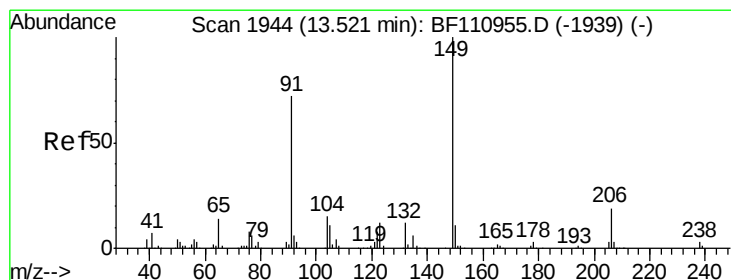
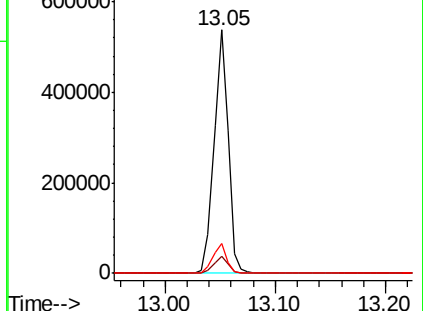
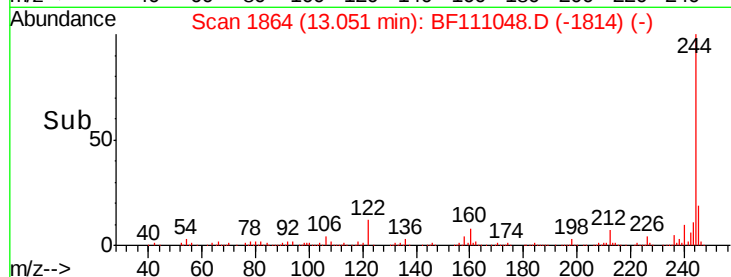
122 12.1 8.7 13.1



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: 43.089 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

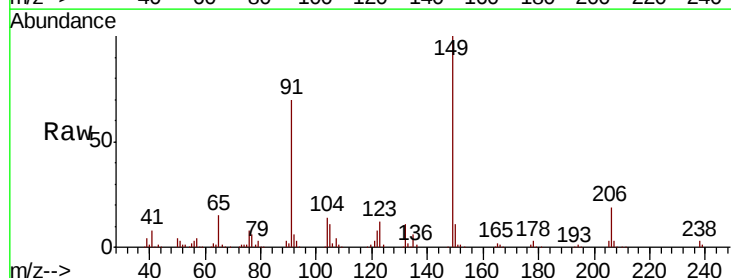
Tgt Ion:149 Resp: 157664

Ion Ratio Lower Upper

149 100

91 70.2 57.2 85.8

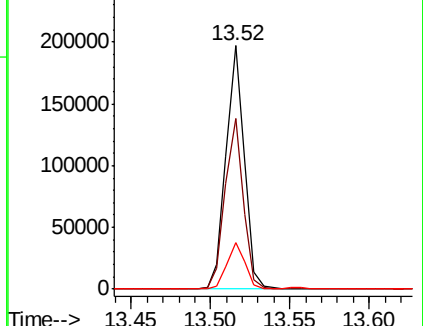
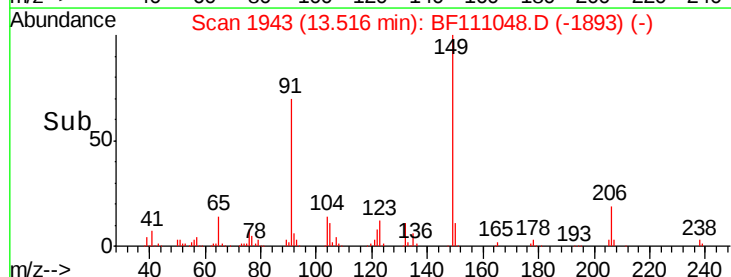
206 19.2 15.7 23.5

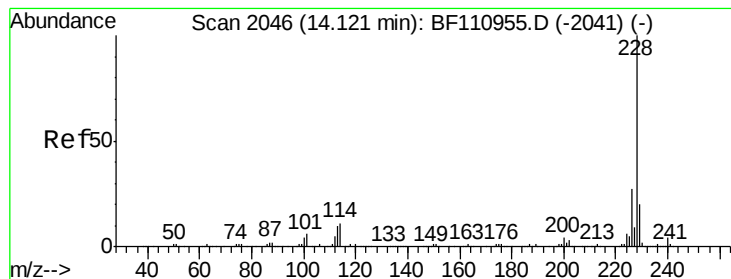


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.389 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

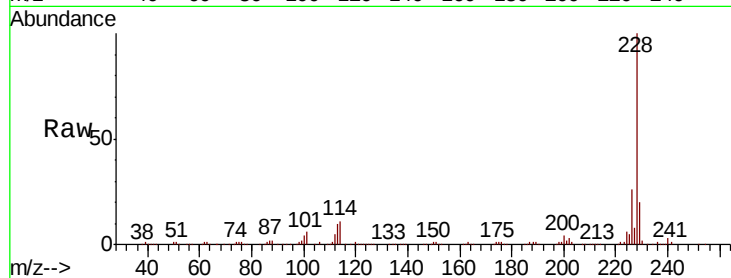
Tot Ion:228 Resp: 284250

Ion Ratio Lower Upper

228 100

226 26.3 22.1 33.1

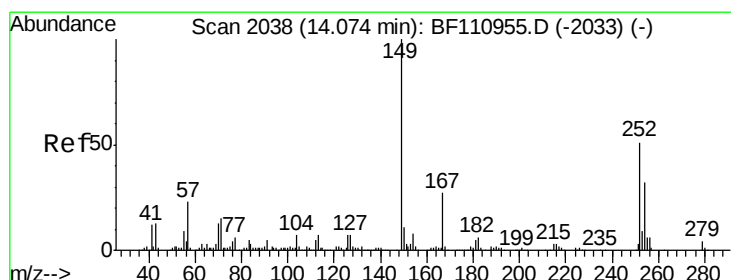
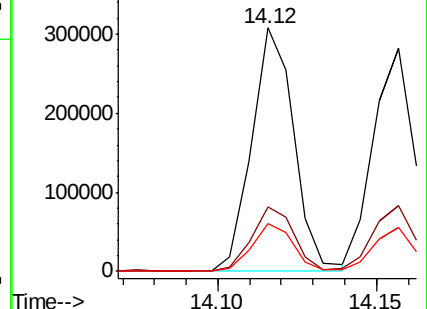
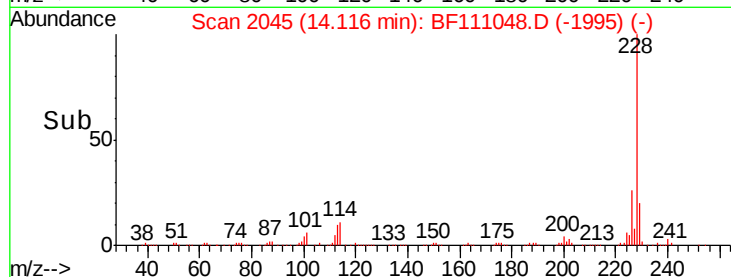
229 19.6 15.6 23.4



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: 35.039 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

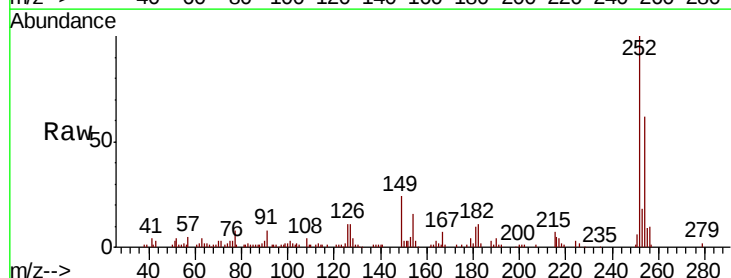
Tgt Ion:252 Resp: 78709

Ion Ratio Lower Upper

252 100

254 62.5 51.3 76.9

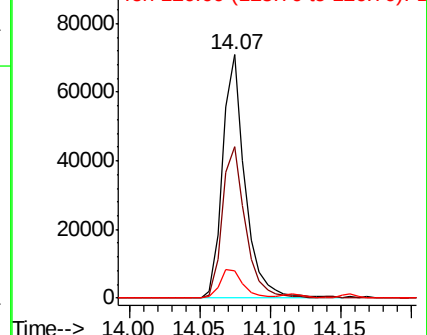
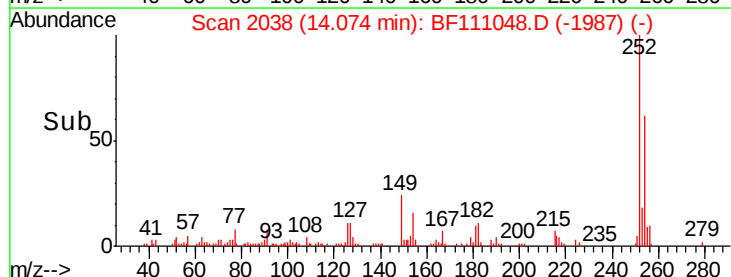
126 11.4 9.4 14.2

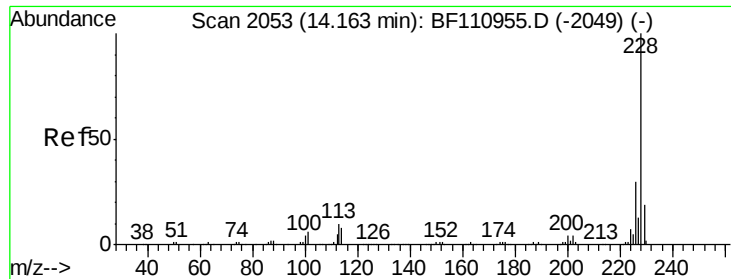


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

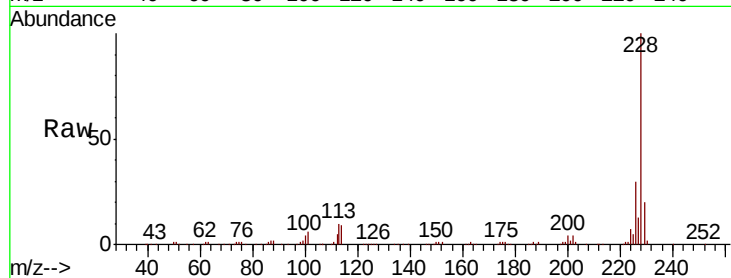




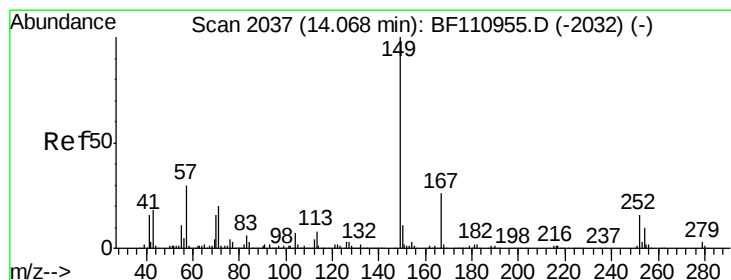
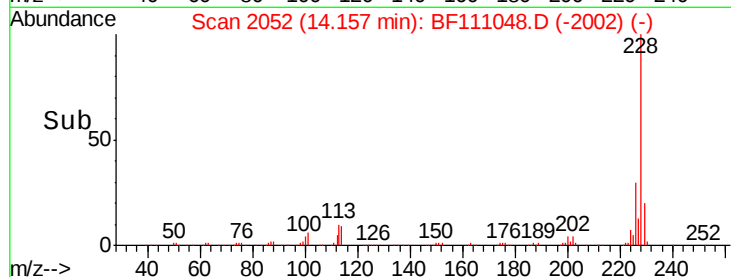
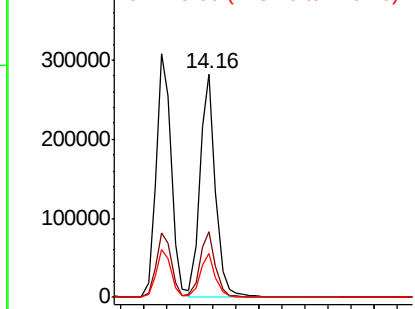
#83
Chrysene
Concen: 41.356 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 266708
Ion Ratio Lower Upper
228 100
226 29.6 24.7 37.1
229 19.8 15.9 23.9

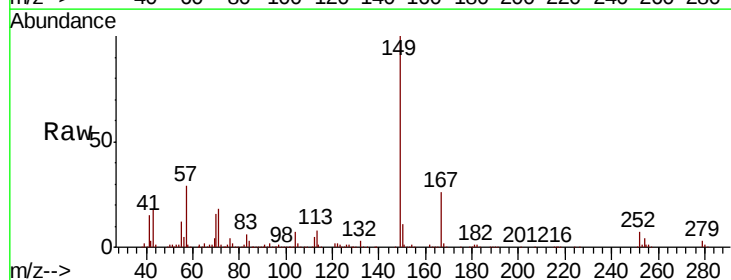


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

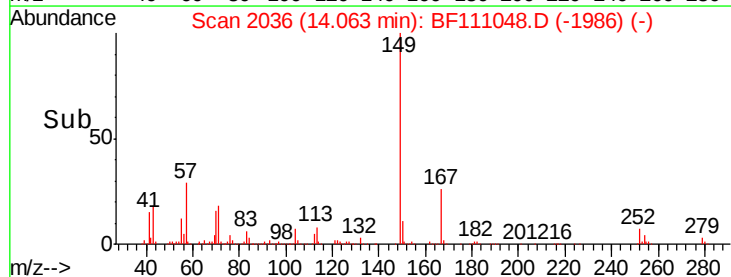
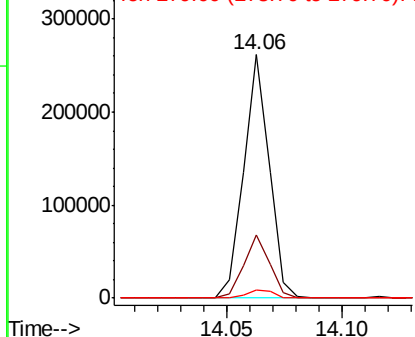


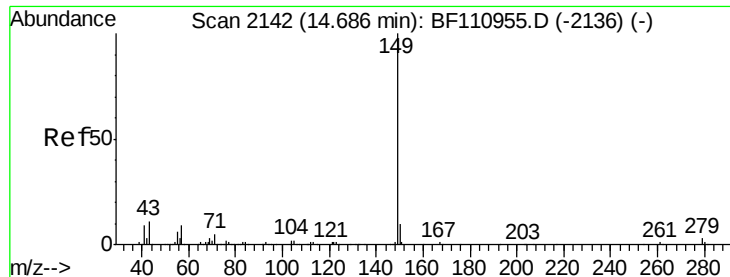
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.530 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:149 Resp: 202483
Ion Ratio Lower Upper
149 100
167 25.9 19.8 29.8
279 3.4 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: 43.439 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

Instrument :

BNA_F

ClientSampleId :

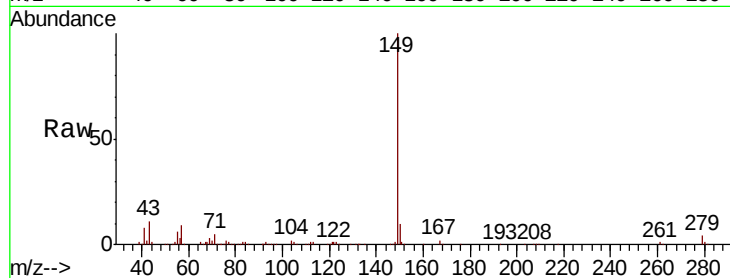
Tot Ion:149 Resp: 334316

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

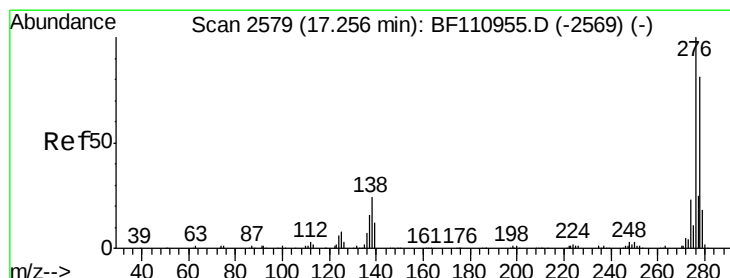
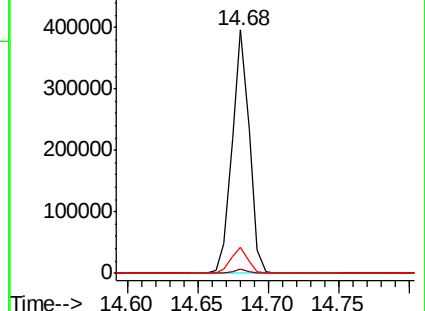
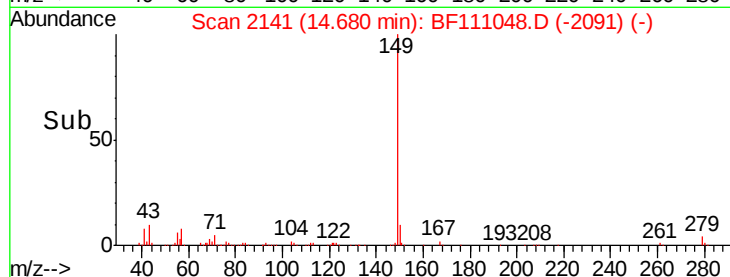
43 10.5 7.8 11.8



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: 64.278 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF111048.D

Acq: 28 Nov 2018 16:29

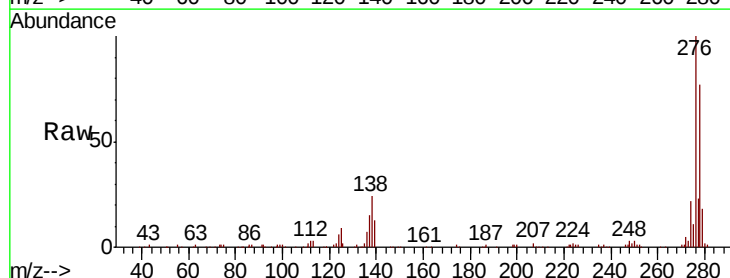
Tgt Ion:276 Resp: 297553

Ion Ratio Lower Upper

276 100

138 24.4 18.5 27.7

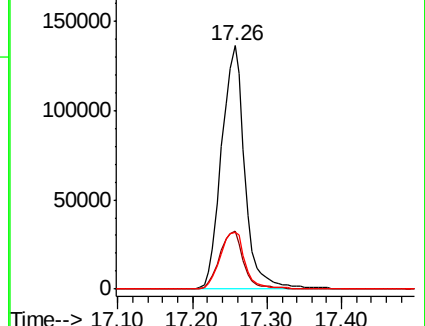
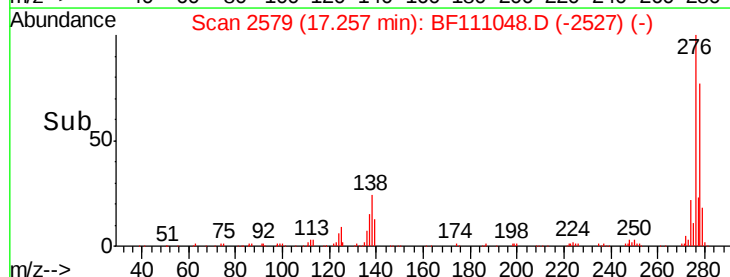
277 24.9 20.0 30.0

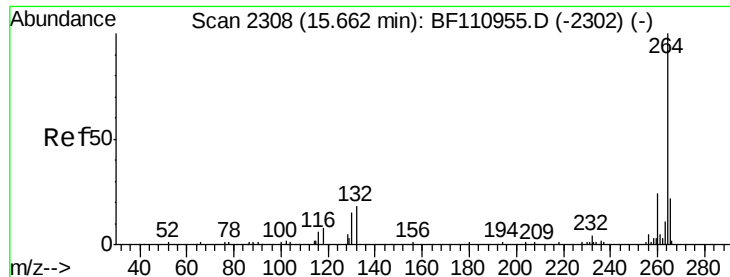


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

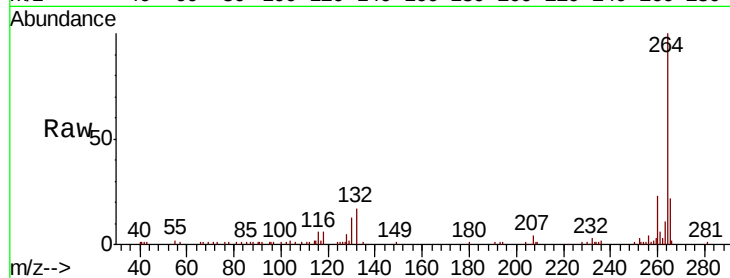




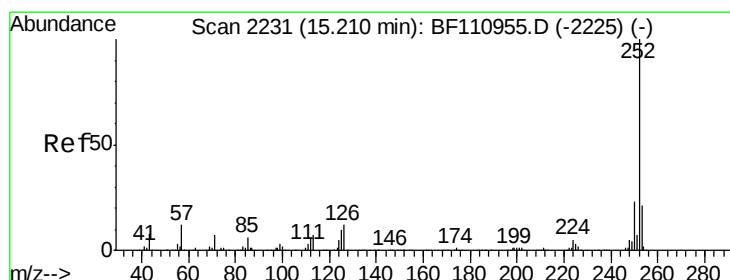
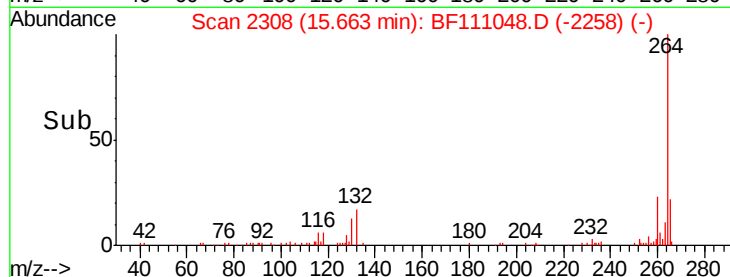
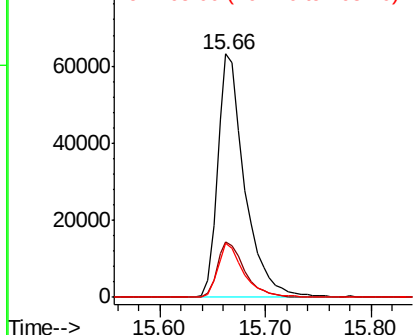
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 112645
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 22.1 16.7 25.1

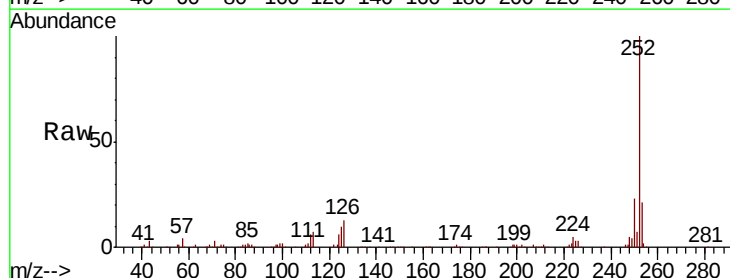


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

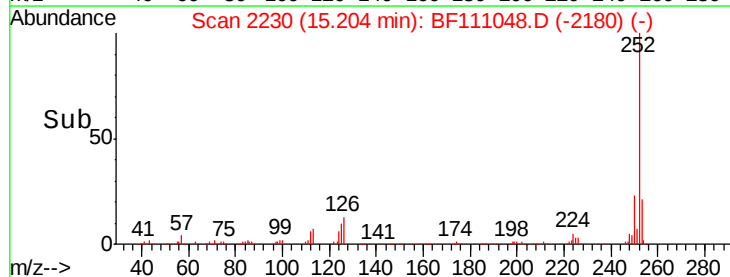
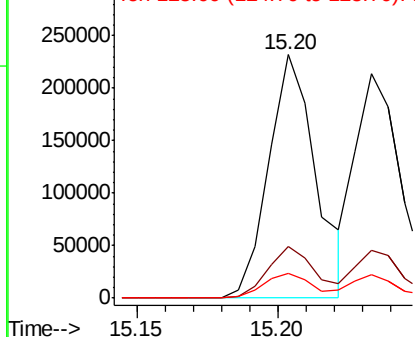


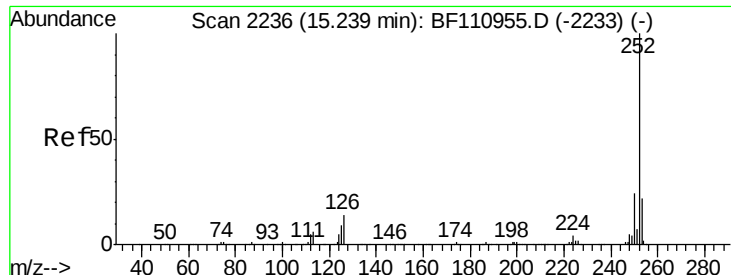
#88
Benzo(b)fluoranthene
Concen: 40.728 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:252 Resp: 269514
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

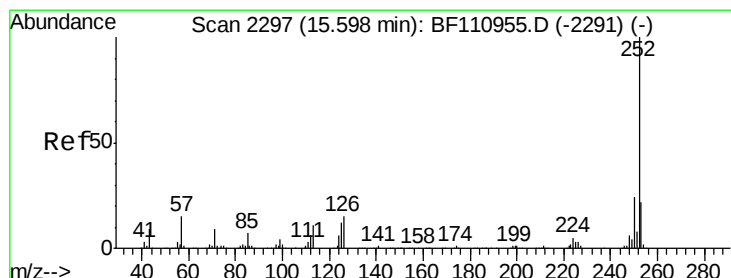
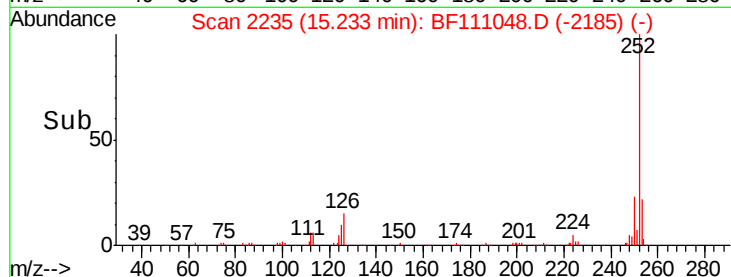
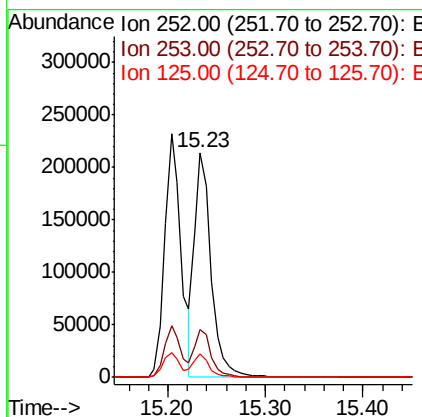
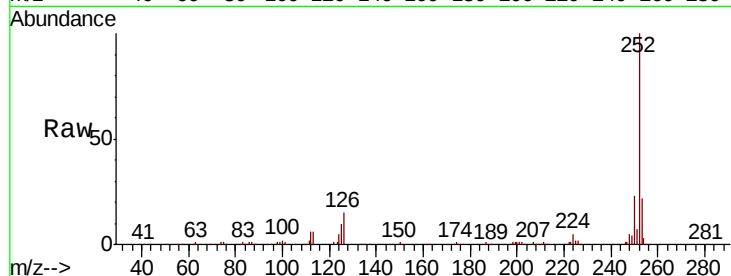




#89
Benzo(k)fluoranthene
Concen: 37.180 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

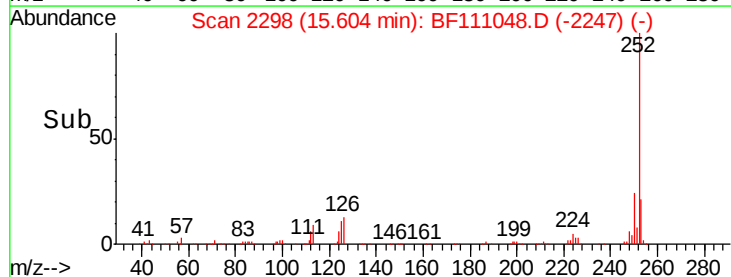
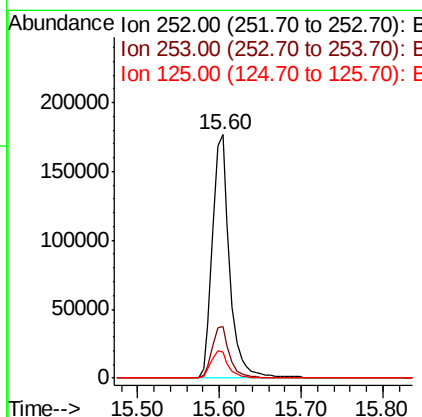
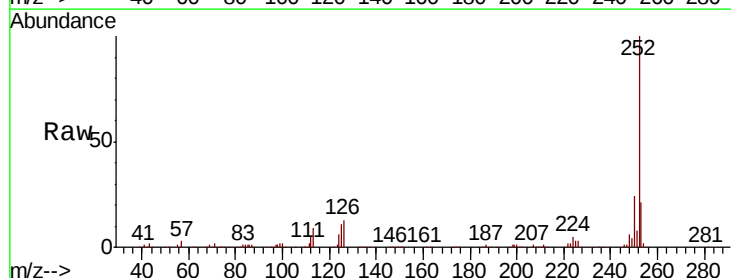
Instrument :
BNA_F
ClientSampleId :

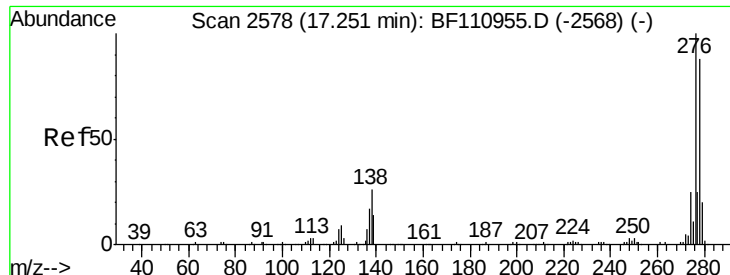
Tot Ion:252 Resp: 253240
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 42.138 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion:252 Resp: 259561
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.4
125 10.7 9.0 13.6

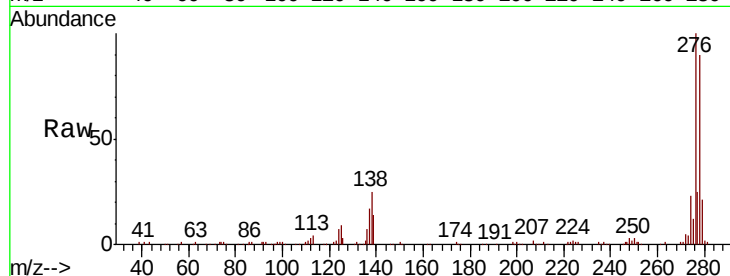




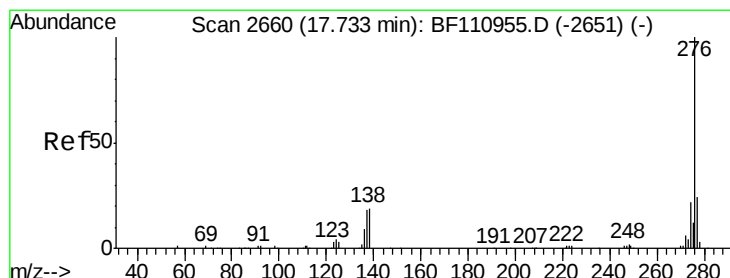
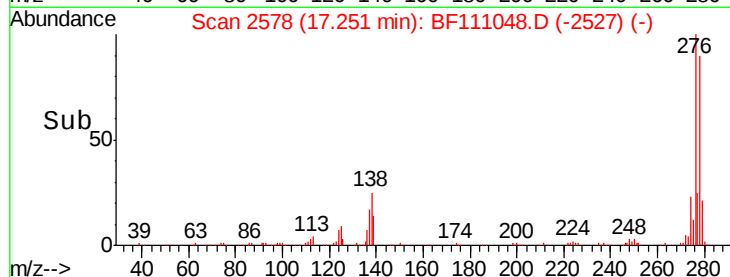
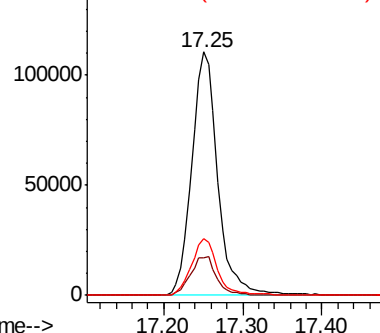
#91
Dibenzo(a,h)anthracene
Concen: 49.241 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	23.1	19.0	28.4

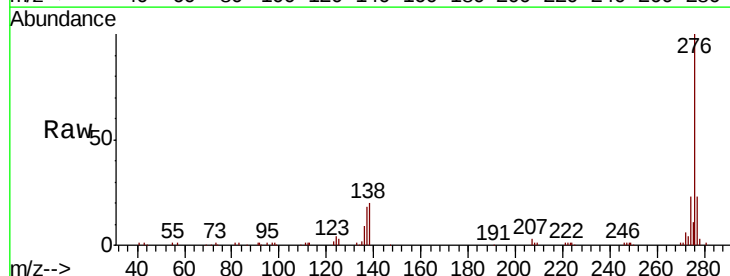


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.490 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BF111048.D
Acq: 28 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.2	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

