

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110818.D
 Acq On : 16 Nov 2018 15:58
 Operator : JU/SJ
 Sample : J5952-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 17:30:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60813	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	252330	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	120564	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	202521	20.00	ng	0.00
76) Chrysene-d12	14.13	240	137079	20.00	ng	0.00
87) Perylene-d12	15.66	264	115851	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	541955	144.76	ng	0.00
7) Phenol-d6	6.57	99	684399	142.95	ng	0.00
23) Nitrobenzene-d5	7.51	82	435830	99.47	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	160344	131.99	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	763610	90.46	ng	0.00
79) Terphenyl-d14	13.06	244	570155	77.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	45289	24.278	ng	# 86
3) Pyridine	3.60	79	129678	32.206	ng	# 81
4) n-Nitrosodimethylamine	3.54	42	70143	40.600	ng	88
6) Aniline	6.61	93	123852	19.837	ng	# 54
8) 2-Chlorophenol	6.73	128	158801	36.182	ng	99
9) Benzaldehyde	6.50	77	80229	29.009	ng	97
10) Phenol	6.59	94	203264	36.615	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	138389	33.264	ng	92
12) 1,3-Dichlorobenzene	6.88	146	157193	32.734	ng	96
13) 1,4-Dichlorobenzene	6.96	146	164164	33.665	ng	99
14) 1,2-Dichlorobenzene	7.11	146	152120	33.533	ng	99
15) Benzyl Alcohol	7.08	79	140617	37.532	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	220421	33.737	ng	75
17) 2-Methylphenol	7.19	107	126750	36.287	ng	# 83
18) Hexachloroethane	7.45	117	58270	32.367	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	108445	35.485	ng	95
20) 3+4-Methylphenols	7.34	107	169647	37.834	ng	92
22) Acetophenone	7.35	105	217856	37.046	ng	95
24) Nitrobenzene	7.53	77	162671	36.236	ng	92
25) Isophorone	7.76	82	289234	40.276	ng	97
26) 2-Nitrophenol	7.84	139	81253	36.281	ng	98
27) 2,4-Dimethylphenol	7.87	122	145041	42.525	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	181756	37.381	ng	100
29) 2,4-Dichlorophenol	8.08	162	132841	37.852	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	136652	34.535	ng	98
31) Naphthalene	8.25	128	510833	43.125	ng	99
32) Benzoic acid	7.87	122	145041	60.103	ng	# 11
33) 4-Chloroaniline	8.30	127	70658	13.169	ng	97
34) Hexachlorobutadiene	8.35	225	74180	32.822	ng	99
35) Caprolactam	8.66	113	39884	34.016	ng	85
36) 4-Chloro-3-methylphenol	8.78	107	145202	38.363	ng	96
37) 2-Methylnaphthalene	8.93	142	330549	42.567	ng	98
38) 1-Methylnaphthalene	8.93	142	330549	44.262	ng	95
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	129896	34.037	ng	98

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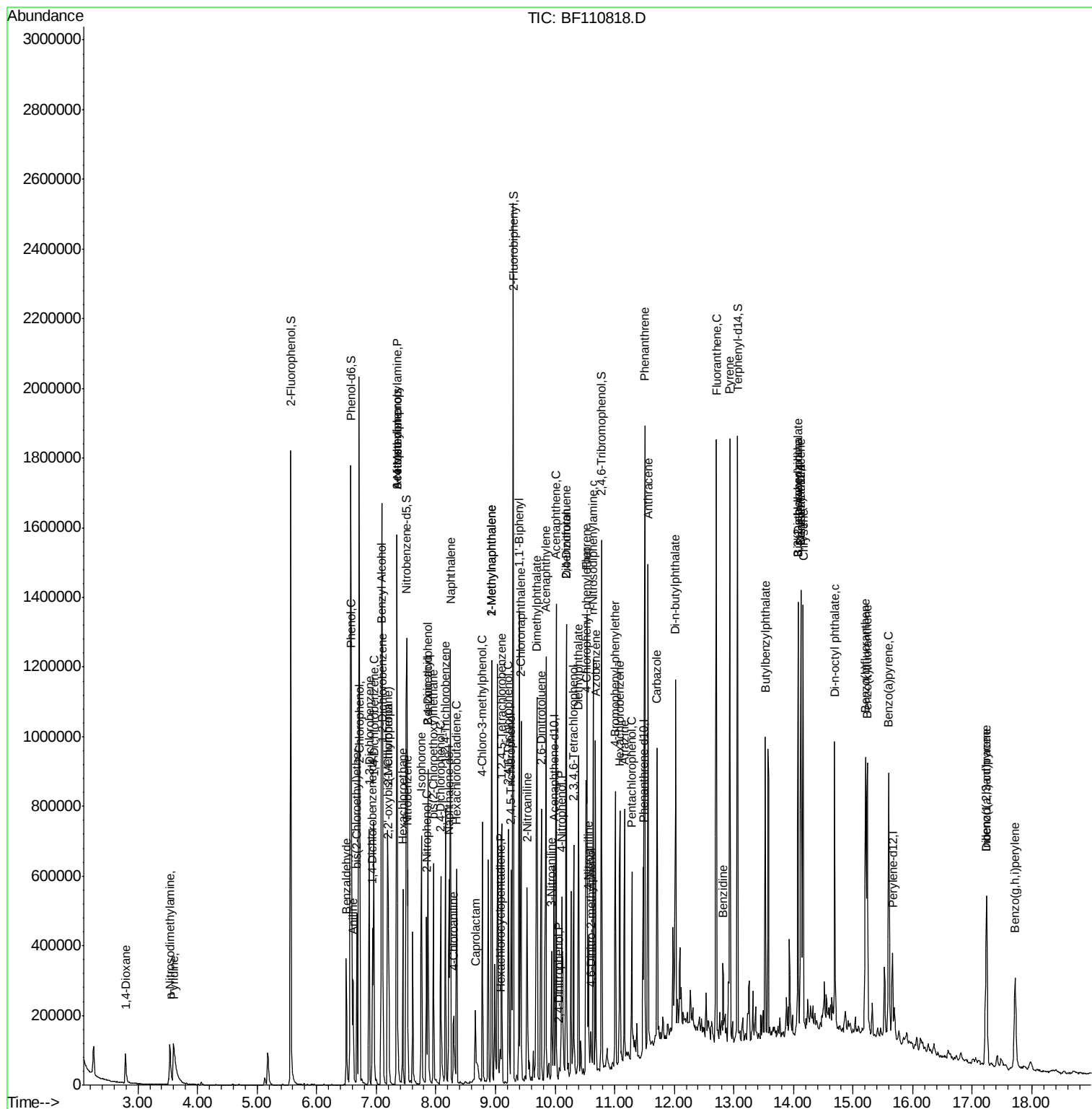
Instrument :
 BNA_F
 ClientSampleId :

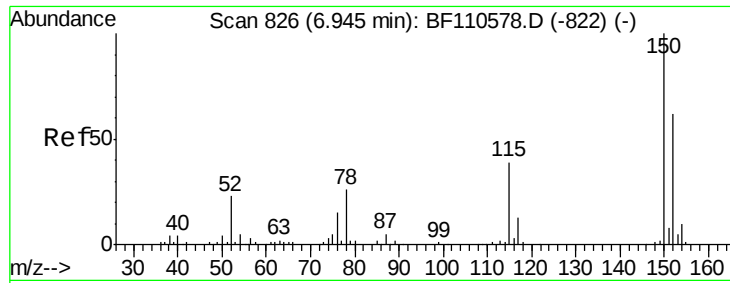
Quant Time: Nov 16 17:30:29 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	15070	16.788	ng	96
43) 2,4,6-Trichlorophenol	9.22	196	88018	36.702	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	93190	36.429	ng	95
46) 1,1'-Biphenyl	9.40	154	376941	33.515	ng	99
47) 2-Chloronaphthalene	9.43	162	278811	34.410	ng	99
48) 2-Nitroaniline	9.53	65	95426	38.218	ng	93
49) Acenaphthylene	9.85	152	466726	39.997	ng	99
50) Dimethylphthalate	9.69	163	444774	49.440	ng	99
51) 2,6-Dinitrotoluene	9.77	165	73629	37.206	ng	96
52) Acenaphthene	10.02	154	270531	36.685	ng	98
53) 3-Nitroaniline	9.95	138	60187	26.251	ng	87
54) 2,4-Dinitrophenol	10.07	184	5847	11.683	ng	95
55) Dibenzofuran	10.19	168	388579	36.016	ng	95
56) 4-Nitrophenol	10.11	139	97160	63.876	ng	96
57) 2,4-Dinitrotoluene	10.18	165	95419	37.083	ng	97
58) Fluorene	10.53	166	336787	40.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	71947	35.752	ng	# 89
60) Diethylphthalate	10.39	149	327489	36.796	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	143637	33.475	ng	98
62) 4-Nitroaniline	10.56	138	70467	30.522	ng	98
63) Azobenzene	10.68	77	292251	33.657	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	11220	10.993	ng	92
66) n-Nitrosodiphenylamine	10.64	169	268203	39.290	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	82293	36.767	ng	# 88
68) Hexachlorobenzene	11.09	284	82321	34.884	ng	95
69) Atrazine	11.17	200	81161	38.885	ng	99
70) Pentachlorophenol	11.29	266	62315	49.489	ng	96
71) Phenanthrene	11.50	178	679824	62.656	ng	99
72) Anthracene	11.56	178	486495	44.449	ng	99
73) Carbazole	11.71	167	355642	33.834	ng	100
74) Di-n-butylphthalate	12.02	149	459561	37.283	ng	98
75) Fluoranthene	12.70	202	683294	62.815	ng	98
77) Benzidine	12.82	184	92804	24.618	ng	96
78) Pyrene	12.93	202	655199	62.076	ng	99
80) Butylbenzylphthalate	13.53	149	155182	34.159	ng	97
81) Benzo(a)anthracene	14.12	228	470055	57.370	ng	98
82) 3,3'-Dichlorobenzidine	14.07	252	80807	29.441	ng	98
83) Chrysene	14.16	228	432489	55.406	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	218663	38.801	ng	98
85) Di-n-octyl phthalate	14.69	149	375236	45.279	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	258771	46.197	ng	100
88) Benzo(b)fluoranthene	15.21	252	423864	61.158	ng	100
89) Benzo(k)fluoranthene	15.24	252	329317	48.088	ng	98
90) Benzo(a)pyrene	15.60	252	362410	57.553	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	179437	33.673	ng	100
92) Benzo(g,h,i)perylene	17.72	276	214697	40.607	ng	99

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

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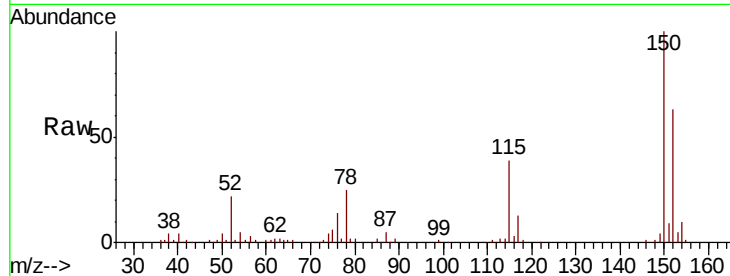


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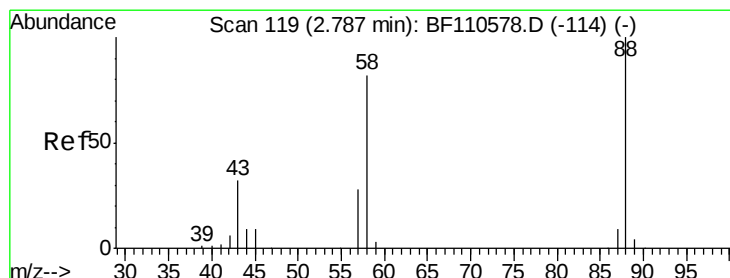
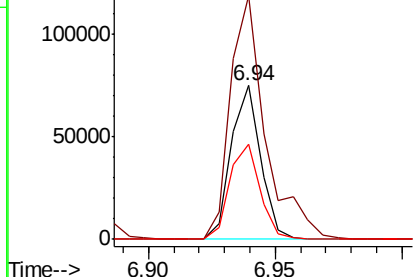
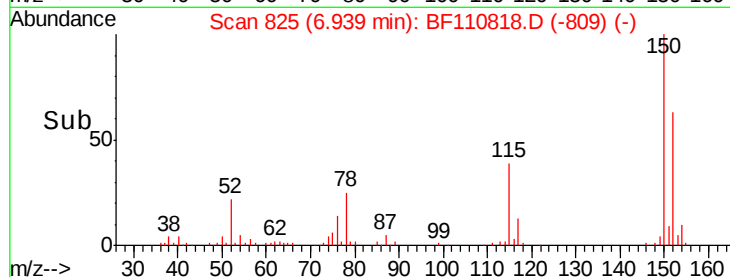
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60813
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 62.4 49.1 73.7



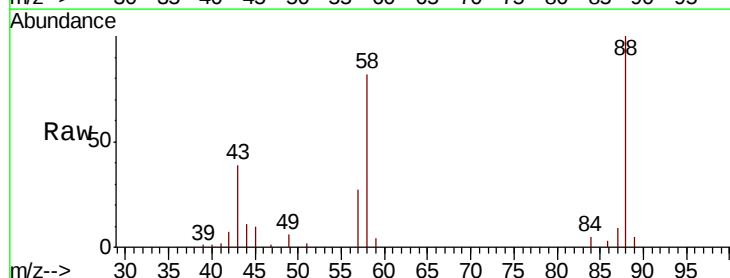
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



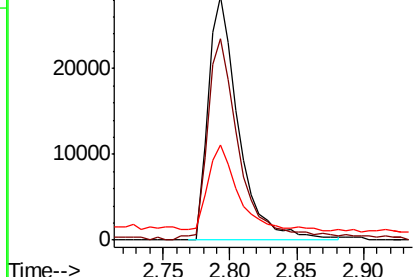
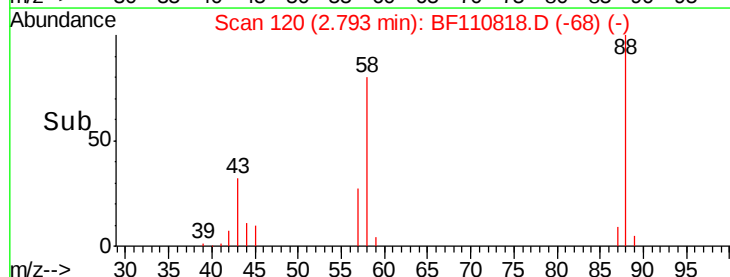
#2

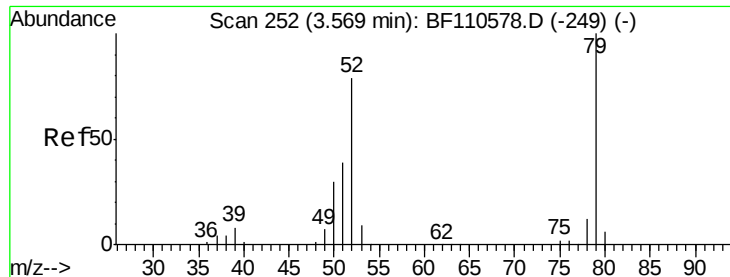
1,4-Dioxane
Concen: 24.278 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion: 88 Resp: 45289
Ion Ratio Lower Upper
88 100
58 86.6 57.1 85.7#
43 33.0 24.1 36.1



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





#3

Pvridine

Concen: 32.206 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.03 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampled :

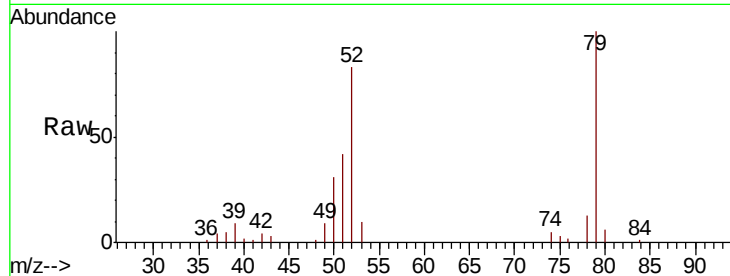
Tot Ion: 79 Resp: 129678

Ion Ratio Lower Upper

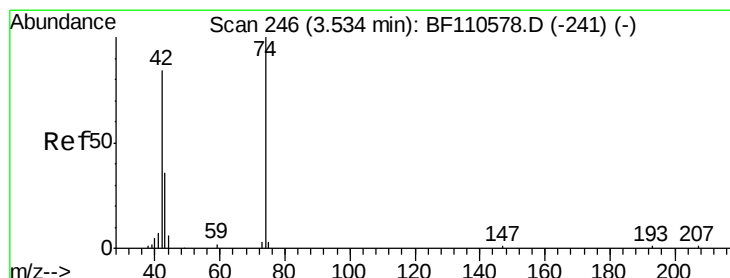
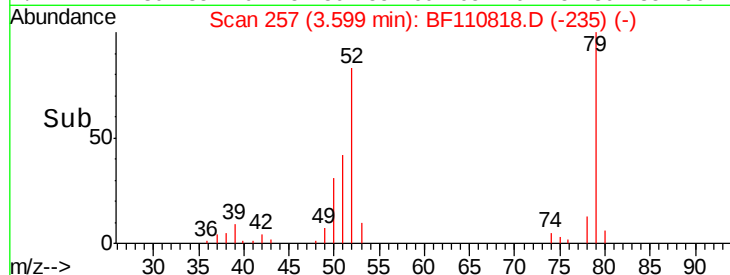
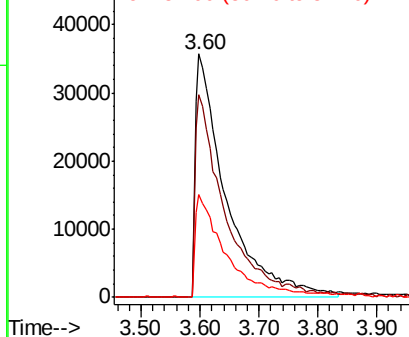
79 100

52 83.2 53.1 79.7#

51 42.1 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.600 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

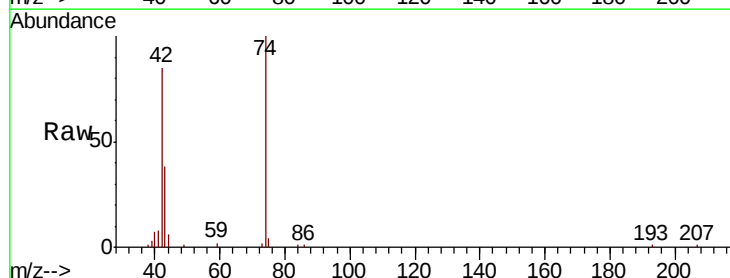
Tgt Ion: 42 Resp: 70143

Ion Ratio Lower Upper

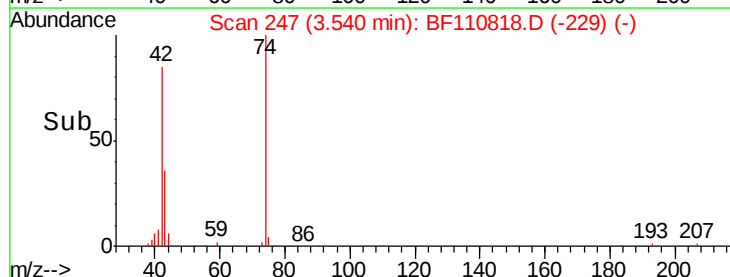
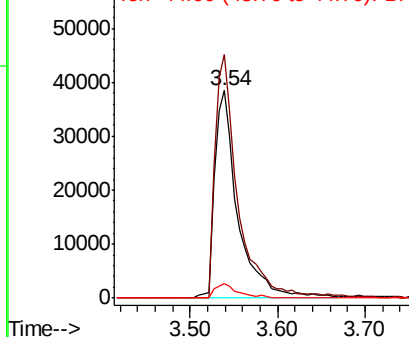
42 100

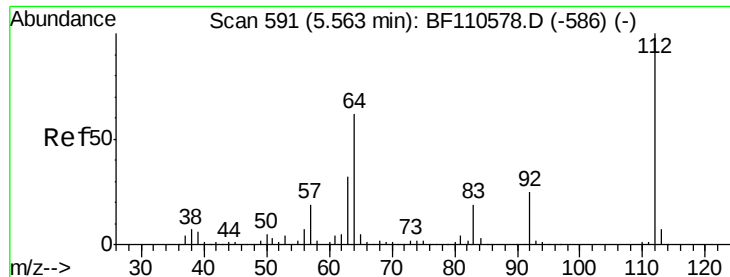
74 117.5 105.5 158.3

44 7.1 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 144.756 ng

RT: 5.56 min Scan# 591

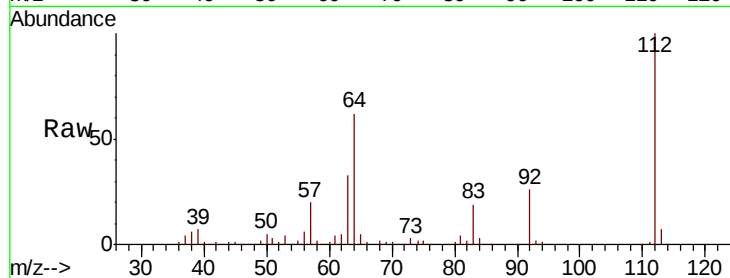
Delta R.T. 0.00 min

Lab File: BF110818.D

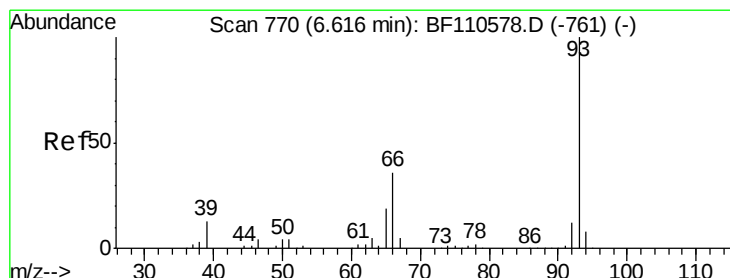
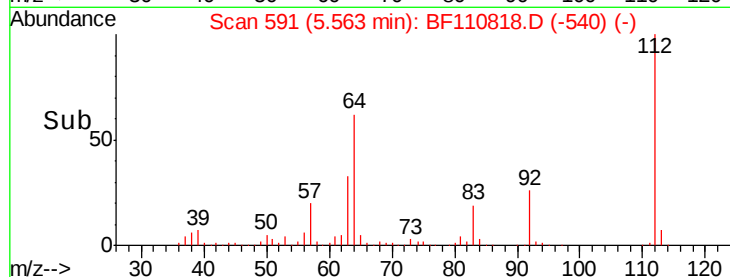
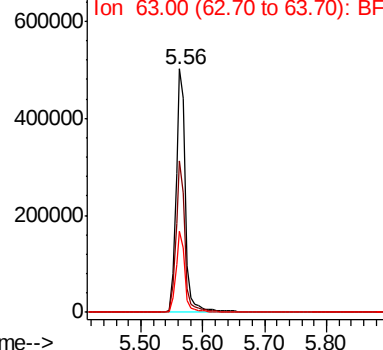
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	541955
Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.1	66.1
63	33.4	23.7	35.5



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



#6

Aniline

Concen: 19.837 ng

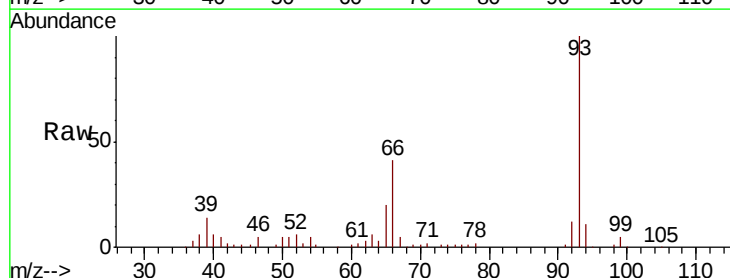
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

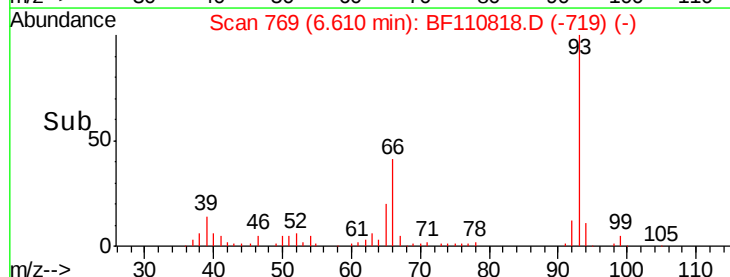
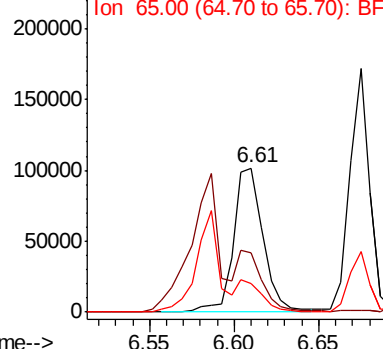
Lab File: BF110818.D

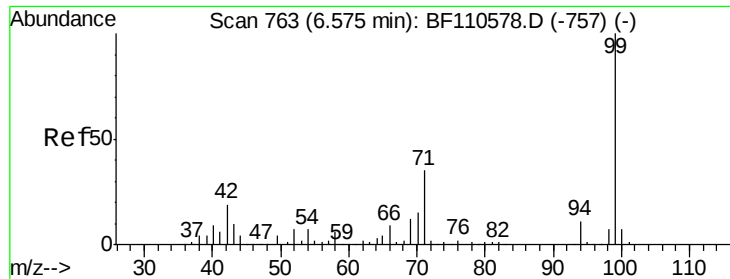
Acq: 16 Nov 2018 15:58

Tgt Ion:	93	Resp:	123852
Ion	Ratio	Lower	Upper
93	100		
66	41.1	67.4	101.0#
65	20.1	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: 142.953 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

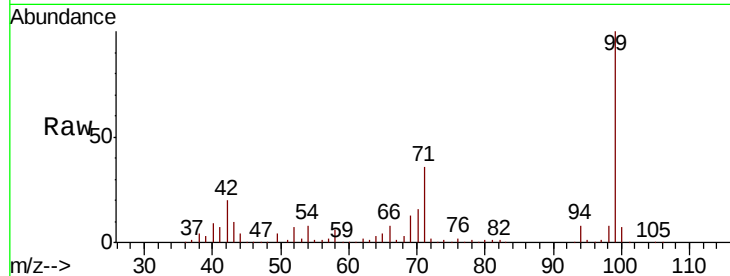
Tot Ion: 99 Resp: 684399

Ion Ratio Lower Upper

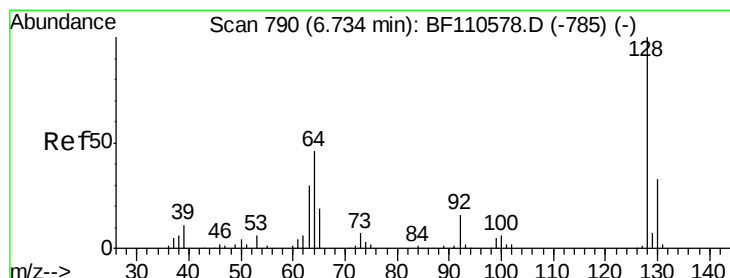
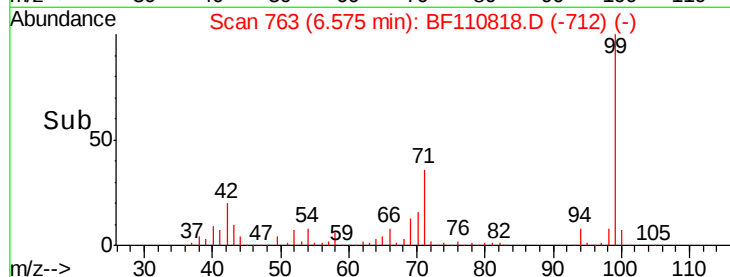
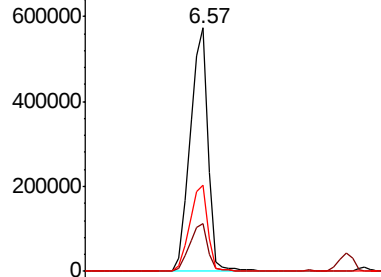
99 100

42 19.6 15.8 23.6

71 35.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 36.182 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

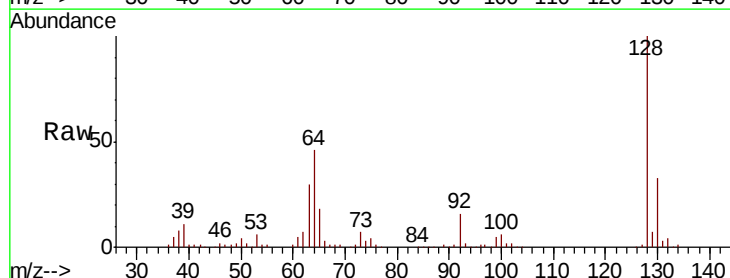
Tgt Ion:128 Resp: 158801

Ion Ratio Lower Upper

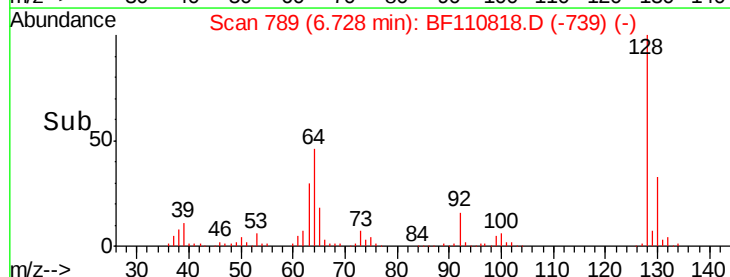
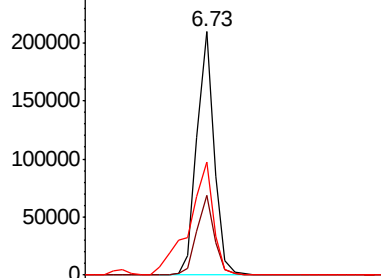
128 100

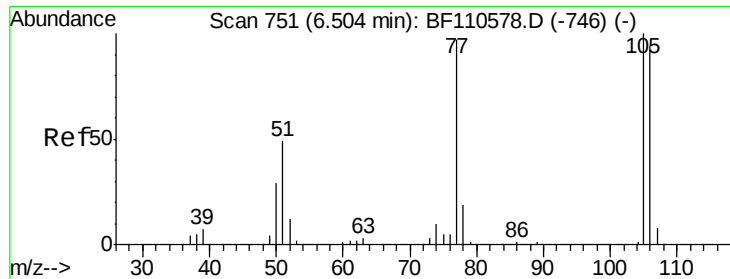
130 32.7 13.1 53.1

64 46.3 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

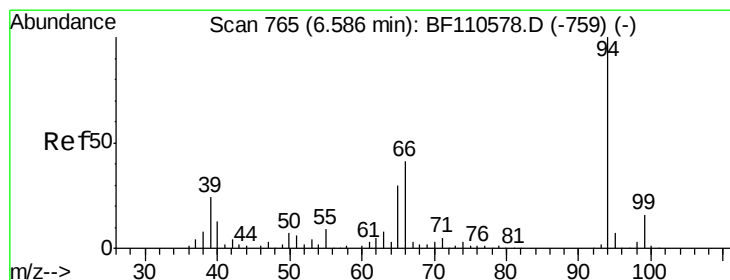
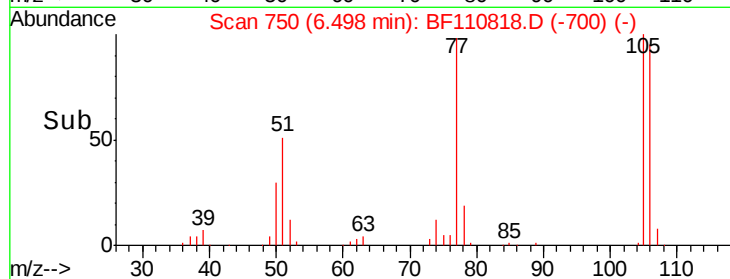
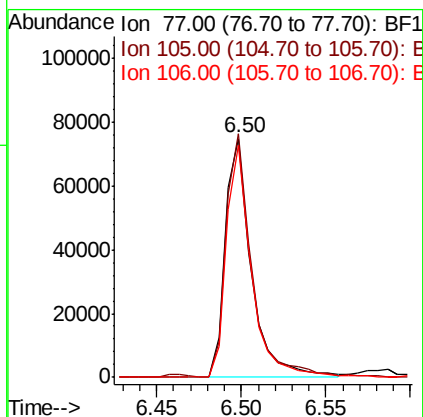
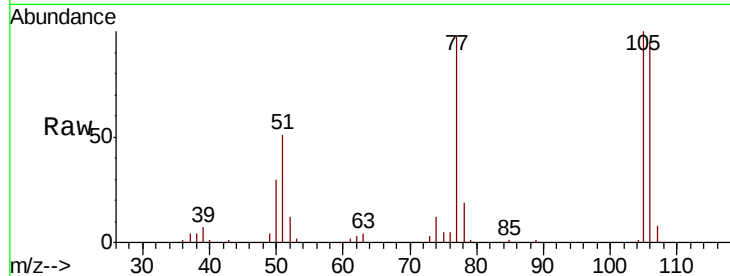




#9
Benzaldehyde
Concen: 29.009 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

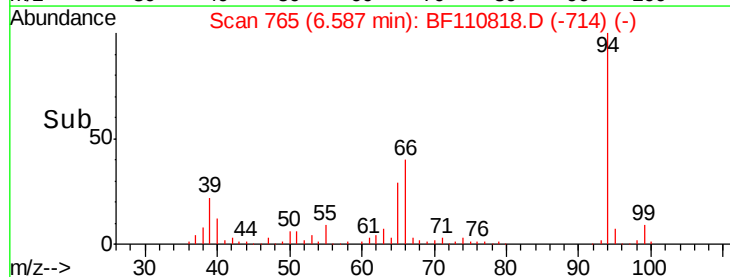
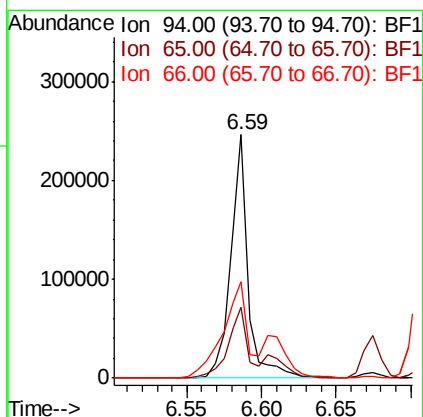
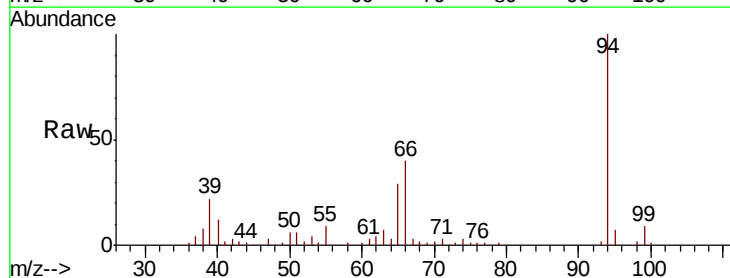
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 80229
Ion Ratio Lower Upper
77 100
105 101.8 78.6 118.6
106 97.1 74.8 114.8



#10
Phenol
Concen: 36.615 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion: 94 Resp: 203264
Ion Ratio Lower Upper
94 100
65 29.0 25.3 65.3
66 39.8 54.5 94.5#

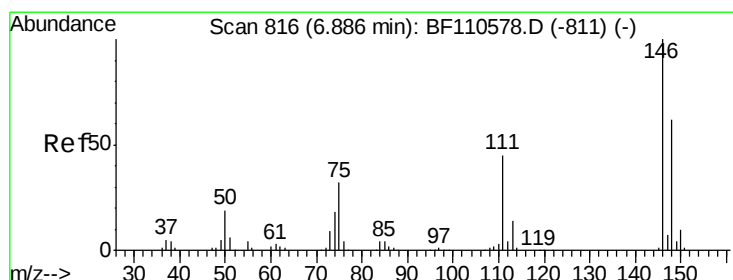
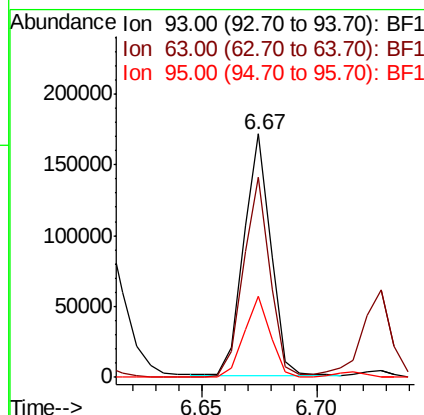
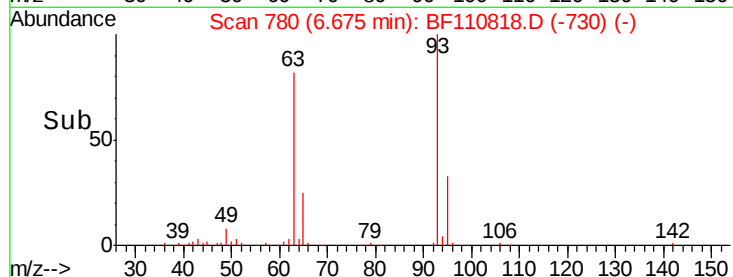
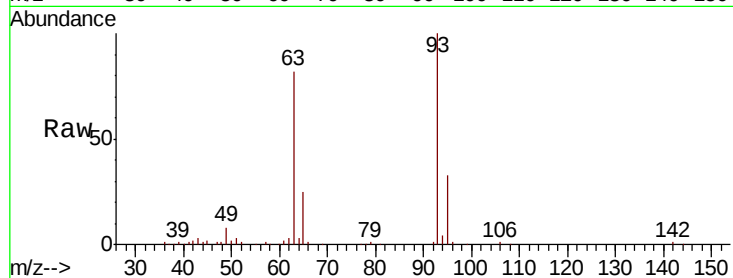




#11
bis(2-Chloroethyl)ether
Concen: 33.264 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

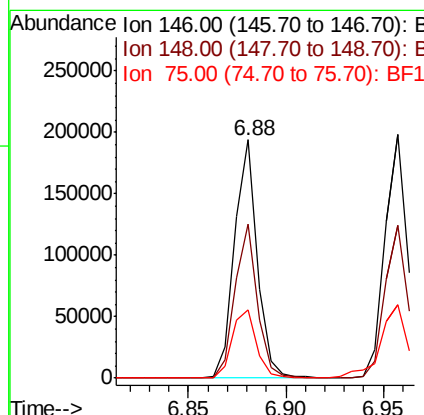
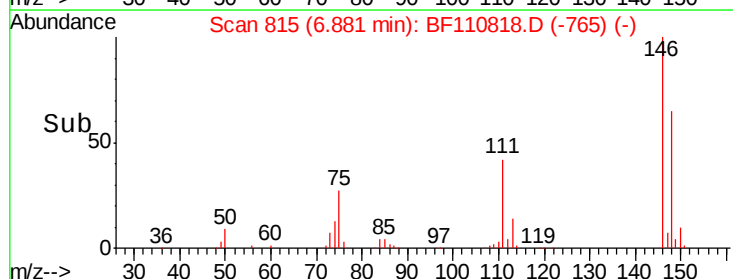
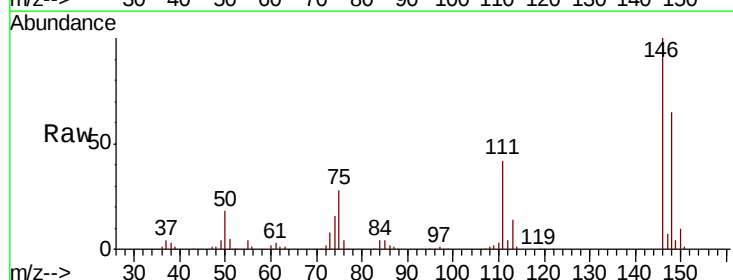
Instrument :
BNA_F
ClientSampleId :

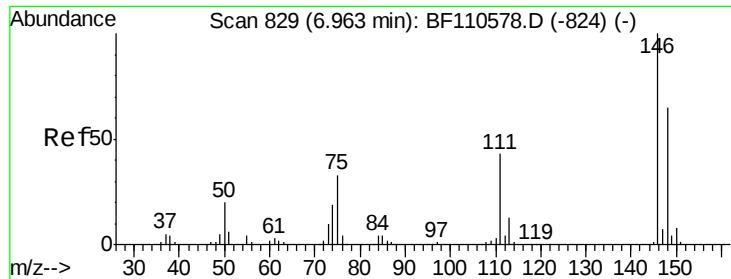
Tot Ion: 93 Resp: 138389
Ion Ratio Lower Upper
93 100
63 82.0 53.4 93.4
95 33.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 32.734 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:146 Resp: 157193
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
75 28.5 25.8 38.6

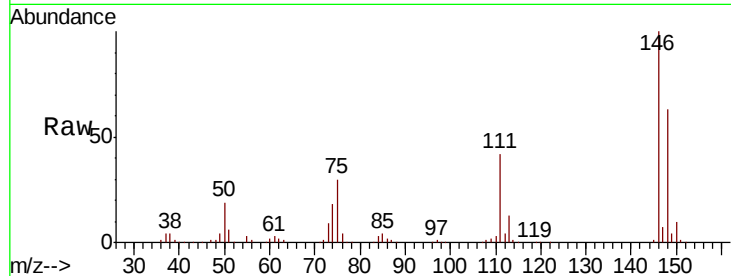




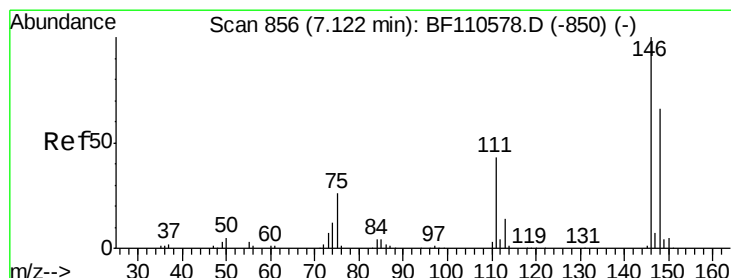
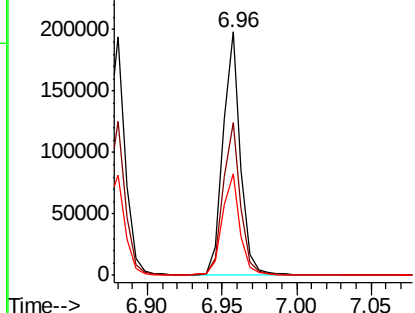
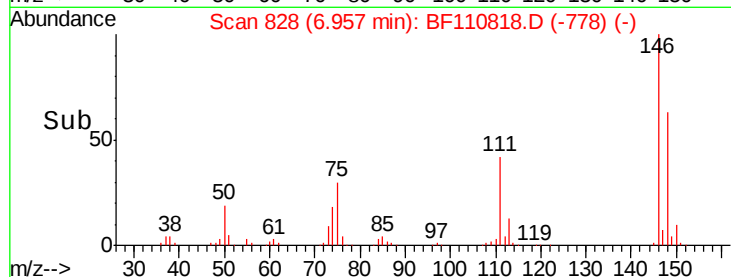
#13
 1,4-Dichlorobenzene
 Concen: 33.665 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 164164
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.3 75.5
 111 41.8 32.7 49.1

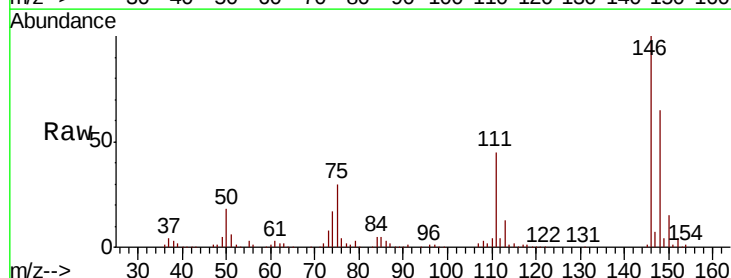


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

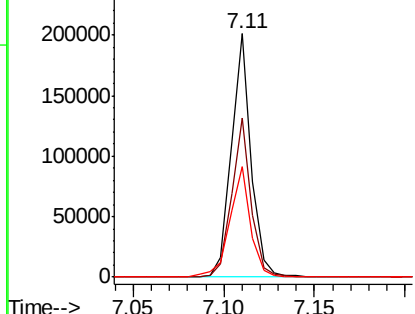
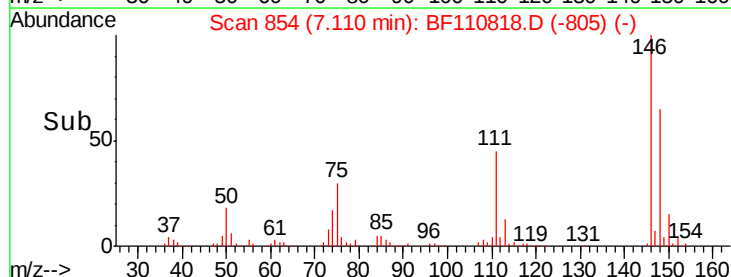


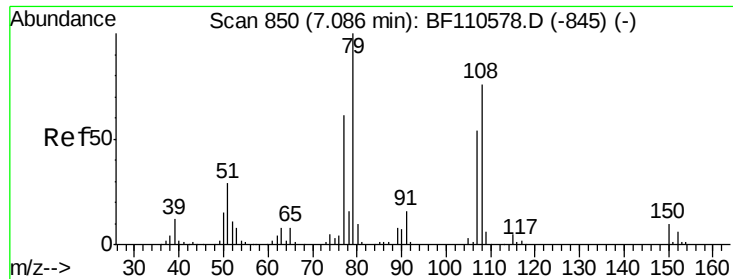
#14
 1,2-Dichlorobenzene
 Concen: 33.533 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion:146 Resp: 152120
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 45.3 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

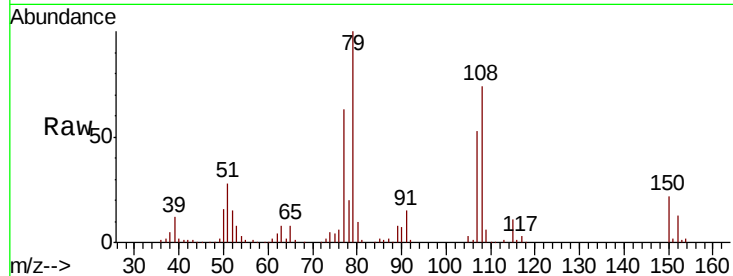




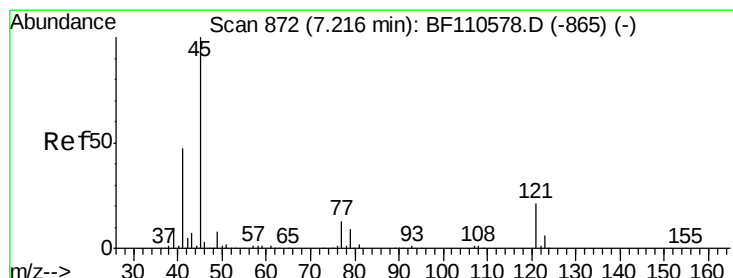
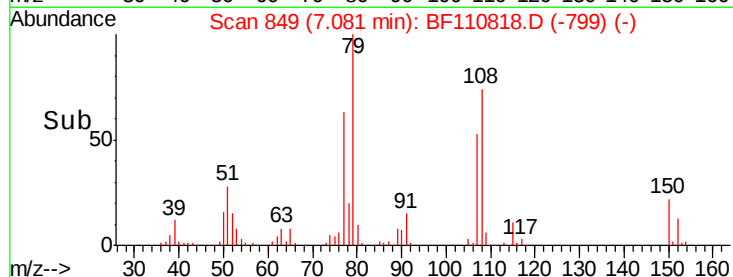
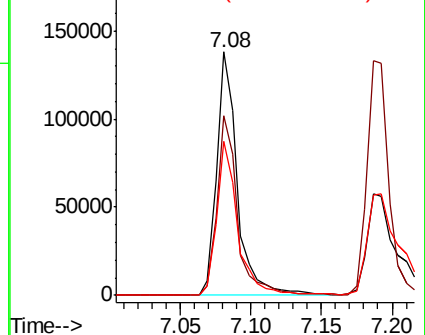
#15
Benzyl Alcohol
Concen: 37.532 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 140617
Ion Ratio Lower Upper
79 100
108 73.6 56.3 84.5
77 63.0 52.9 79.3

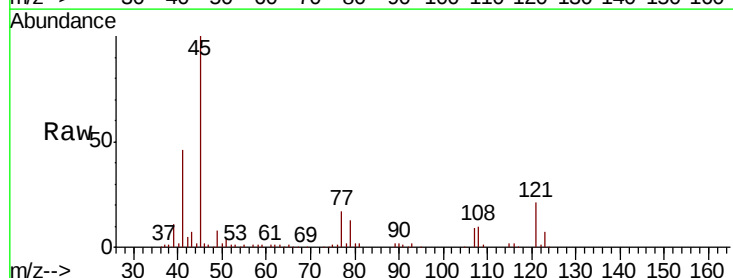


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

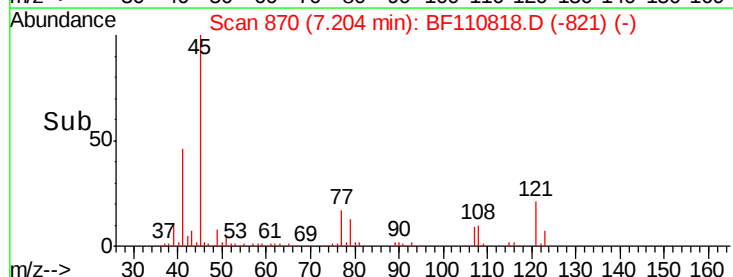
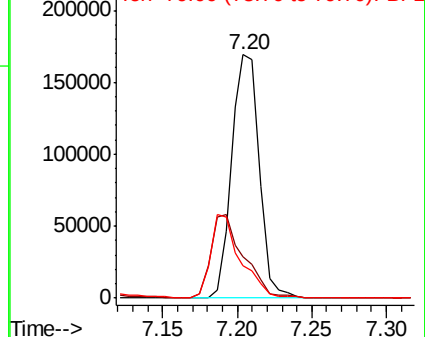


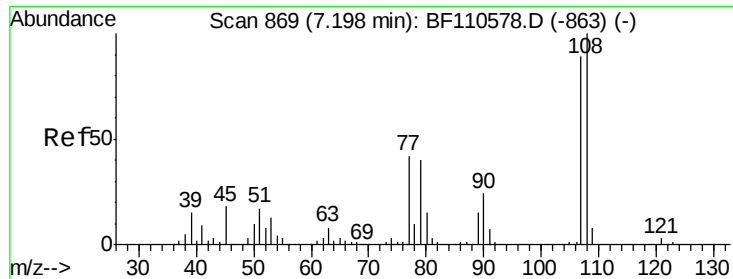
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.737 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion: 45 Resp: 220421
Ion Ratio Lower Upper
45 100
77 16.8 10.0 50.0
79 13.5 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

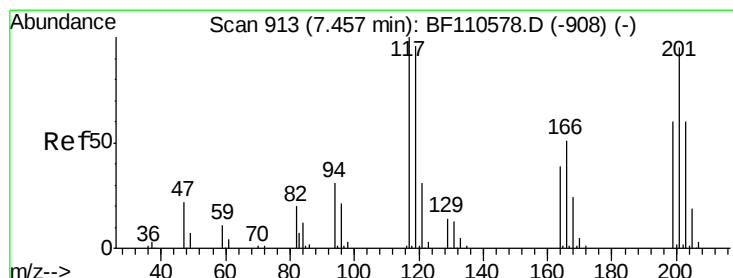
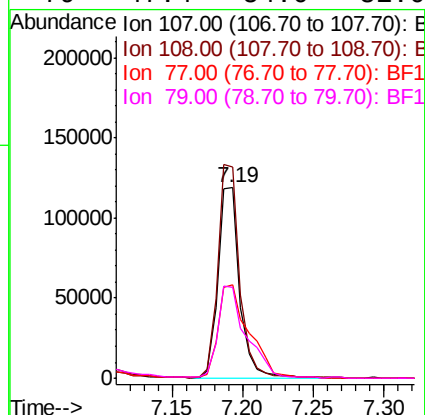
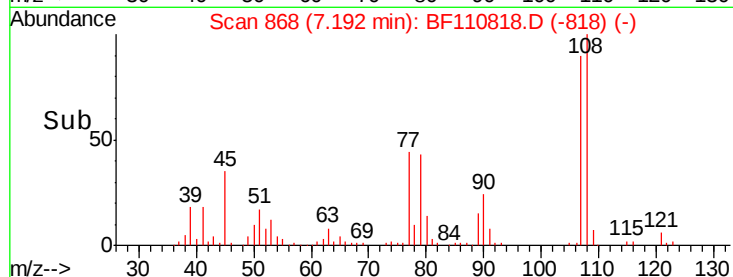
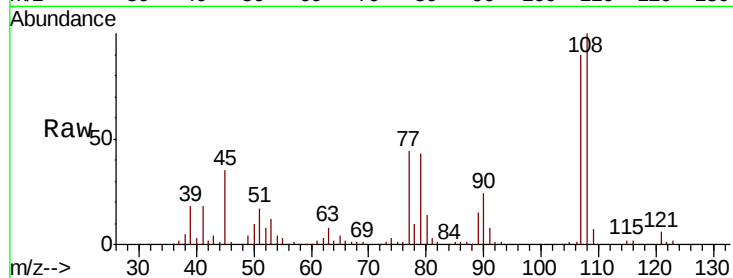




#17
2-Methylphenol
Concen: 36.287 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

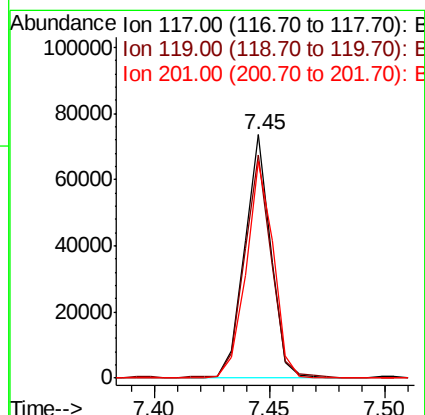
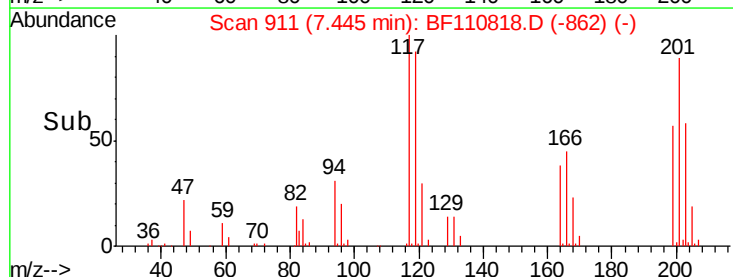
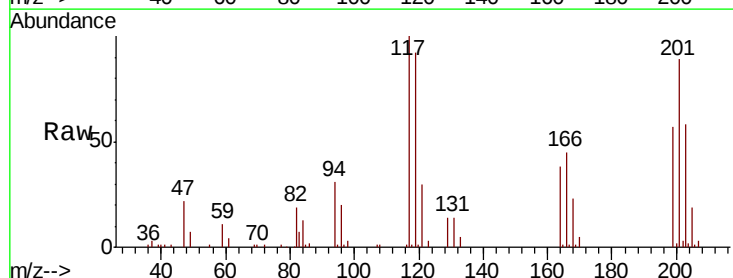
Instrument :
BNA_F
ClientSampleId :

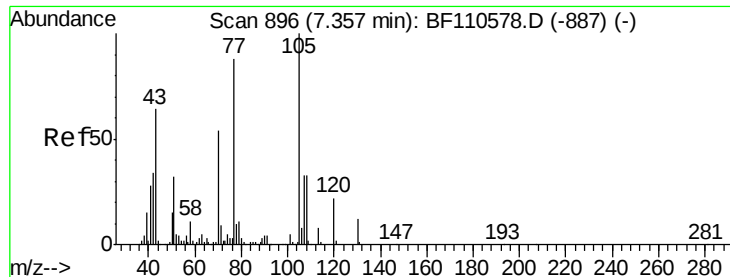
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	138.8
77	48.7	59.4	89.2#
79	47.4	54.0	81.0#



#18
Hexachloroethane
Concen: 32.367 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.0	112.6
201	88.8	79.2	118.8

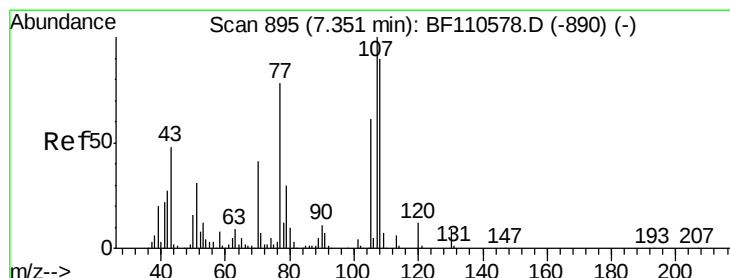
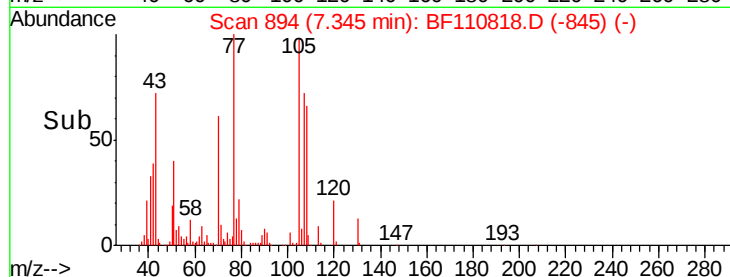
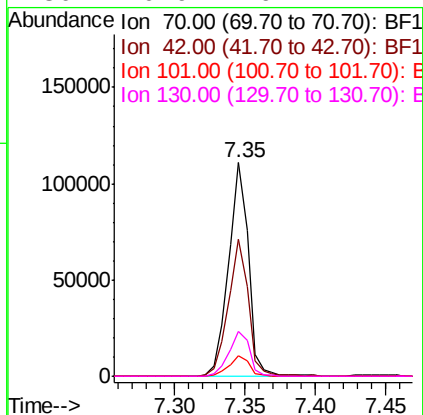
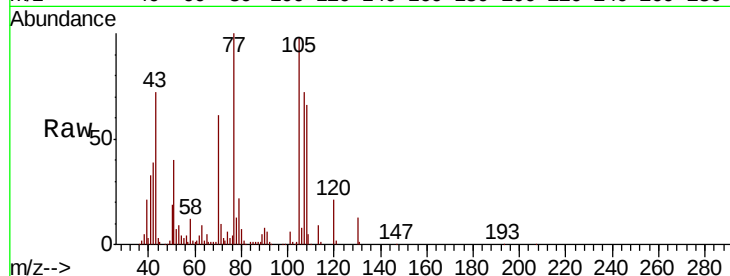




#19
n-Nitroso-di-n-propylamine
Concen: 35.485 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

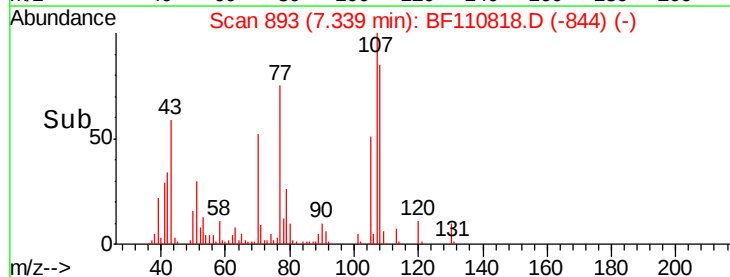
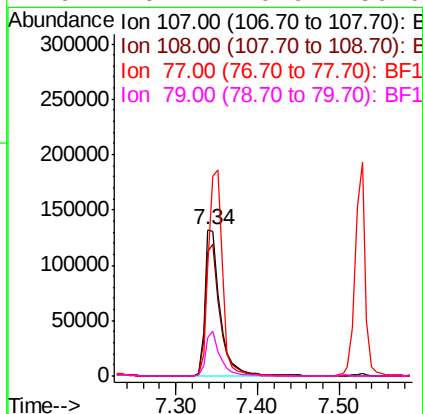
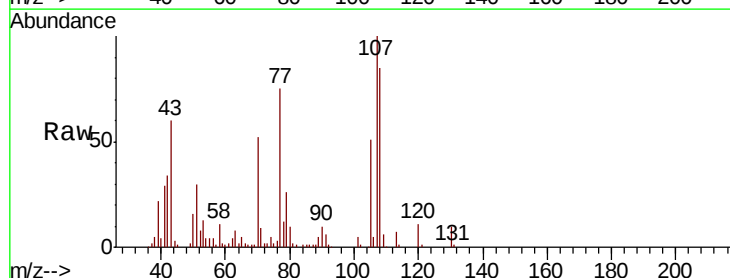
Instrument :
BNA_F
ClientSampleId :

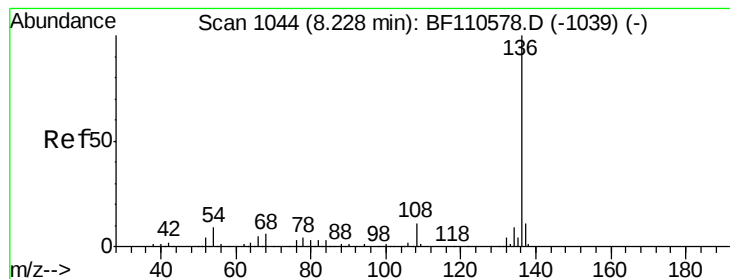
Tot Ion:	70	Resp:	108445
Ion	Ratio	Lower	Upper
70	100		
42	64.0	47.4	71.2
101	9.8	7.3	10.9
130	20.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 37.834 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:	107	Resp:	169647
Ion	Ratio	Lower	Upper
107	100		
108	84.6	71.4	111.4
77	74.5	47.3	87.3
79	26.1	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 252330

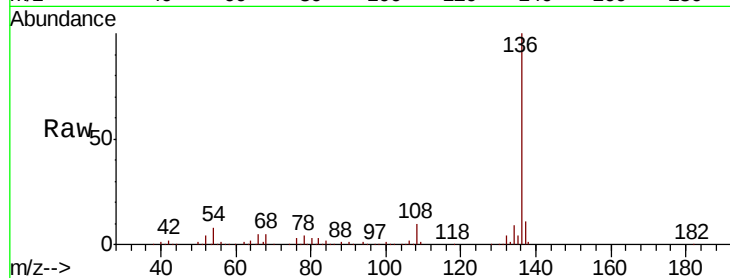
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 5.4 8.2

68 4.6 4.2 6.2

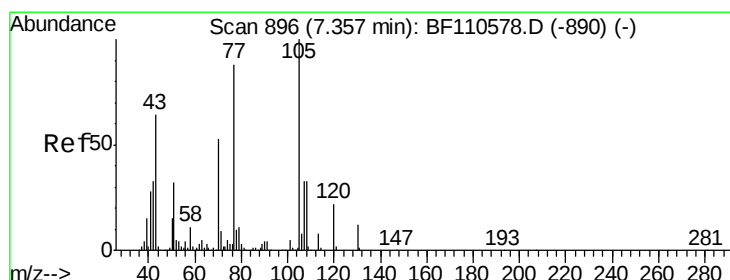
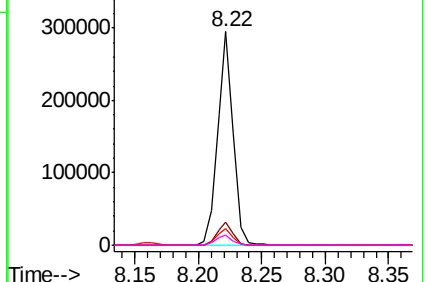
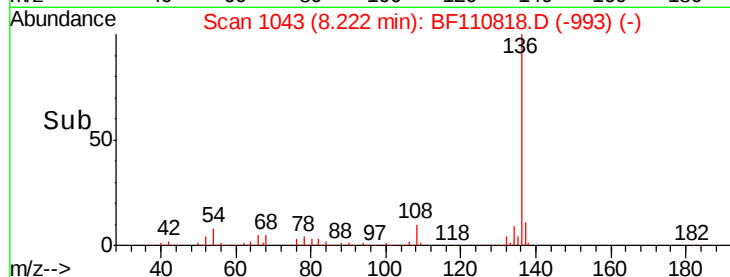


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.046 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:105 Resp: 217856

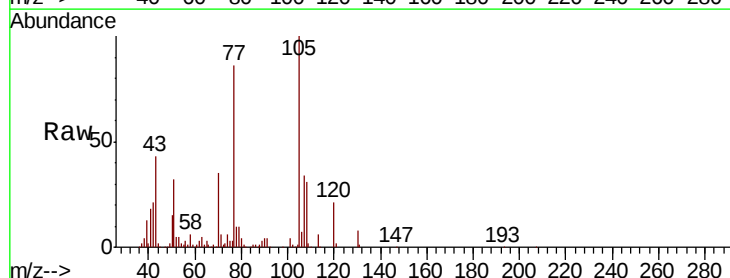
Ion Ratio Lower Upper

105 100

71 6.0 5.2 7.8

51 32.4 21.8 32.8

120 21.4 17.0 25.4

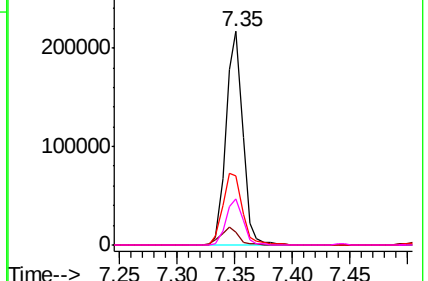
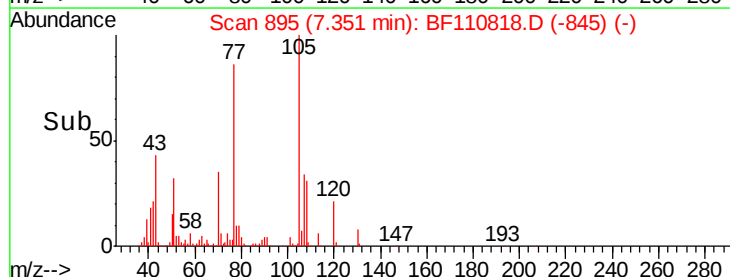


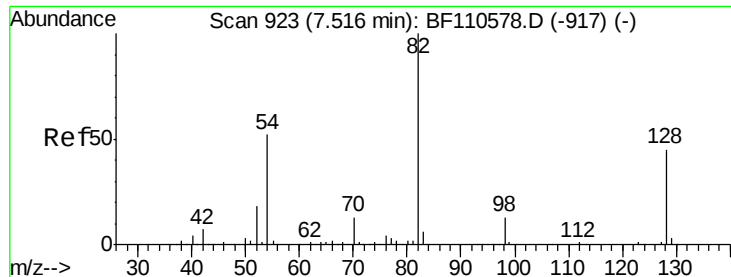
Abundance Ion 105.00 (104.70 to 105.70): E

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

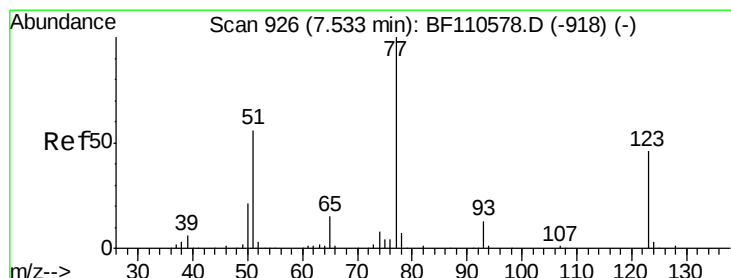
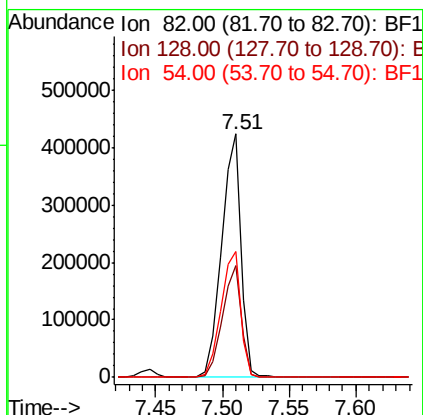
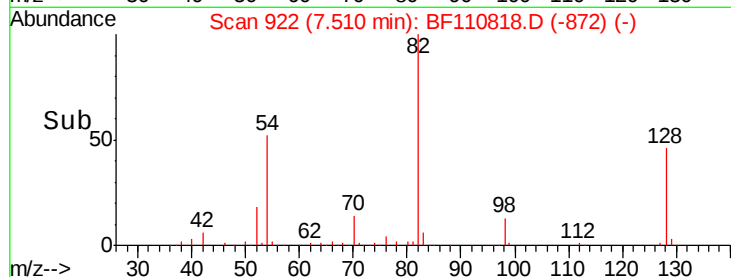
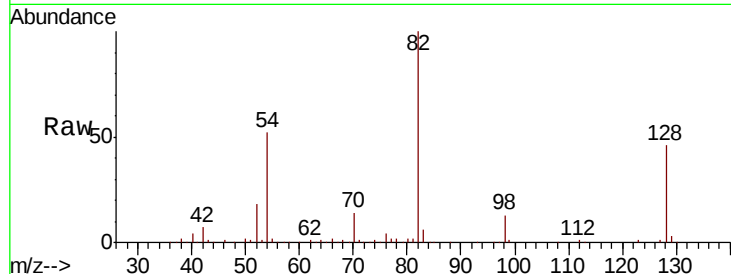




#23
Nitrobenzene-d5
Concen: 99.470 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

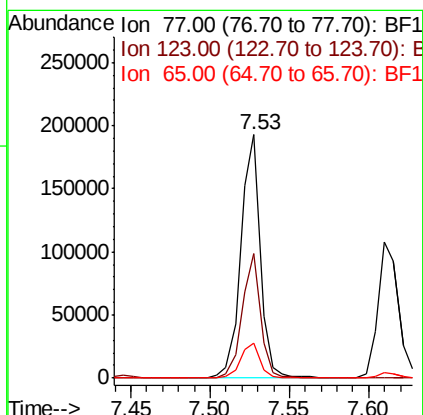
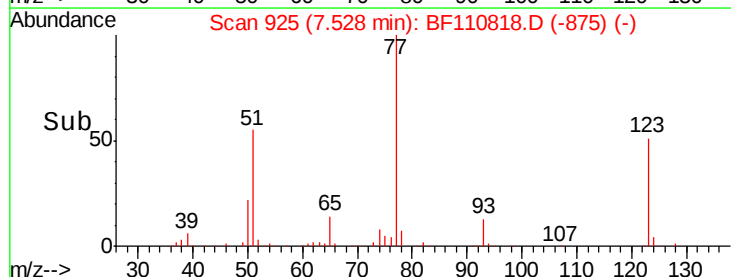
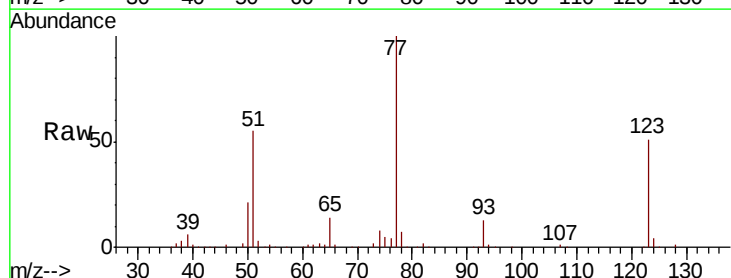
Instrument :
BNA_F
ClientSampleId :

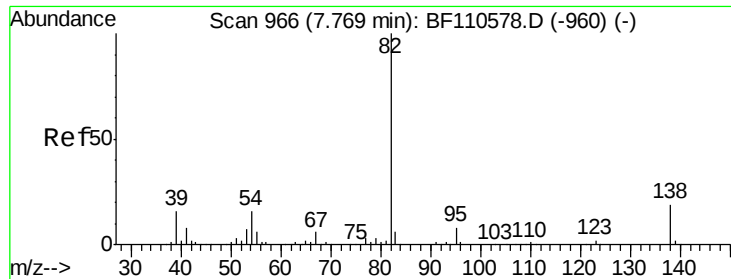
Tot Ion: 82 Resp: 435830
Ion Ratio Lower Upper
82 100
128 45.8 34.2 51.2
54 51.9 38.6 58.0



#24
Nitrobenzene
Concen: 36.236 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion: 77 Resp: 162671
Ion Ratio Lower Upper
77 100
123 51.1 35.7 53.5
65 14.2 10.7 16.1





#25

Isophorone

Concen: 40.276 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

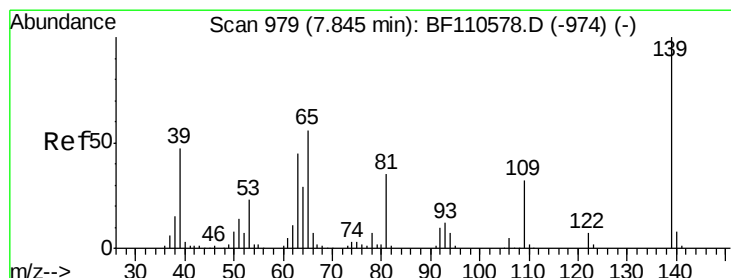
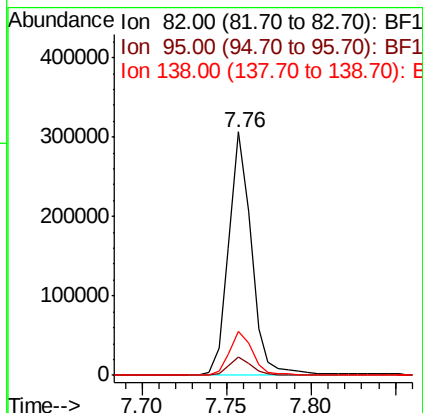
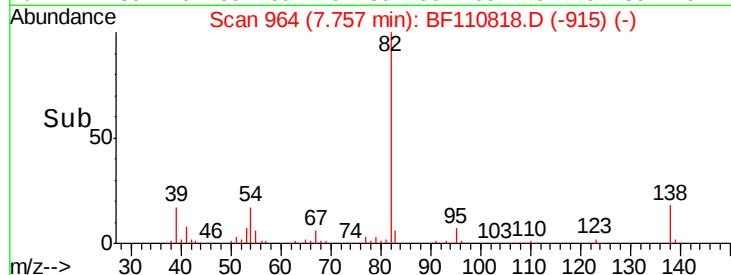
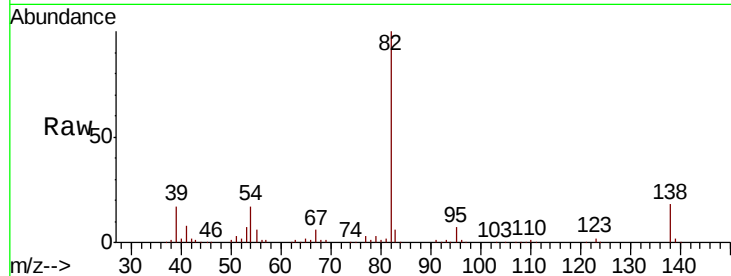
Tot Ion: 82 Resp: 289234

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 18.3 13.2 19.8



#26

2-Nitrophenol

Concen: 36.281 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

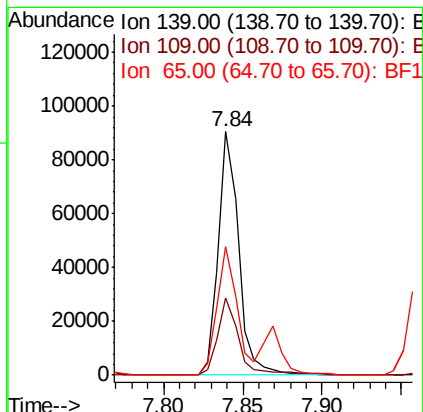
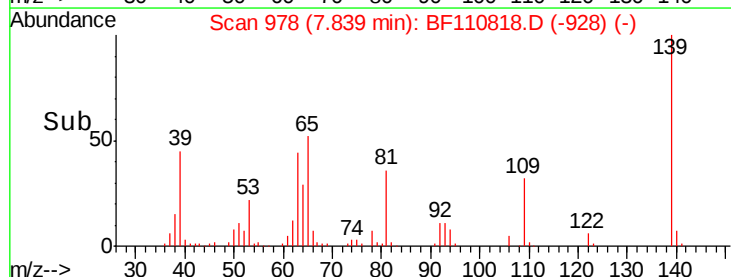
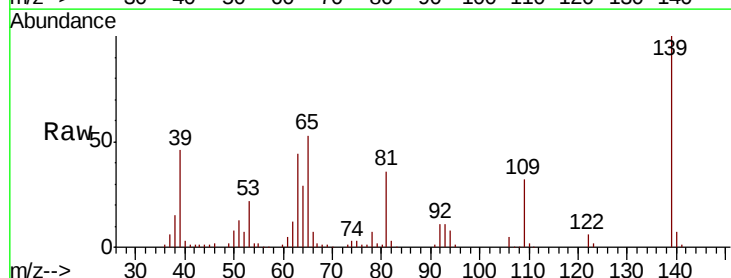
Tgt Ion: 139 Resp: 81253

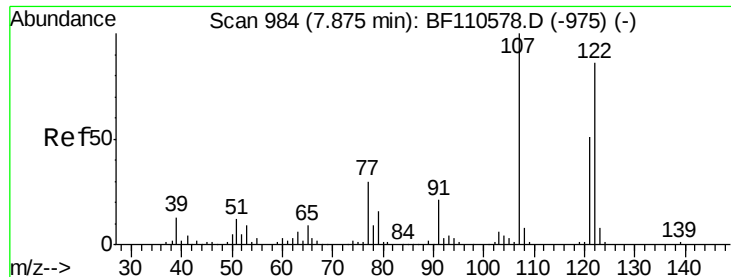
Ion Ratio Lower Upper

139 100

109 31.7 25.0 37.6

65 52.8 44.0 66.0

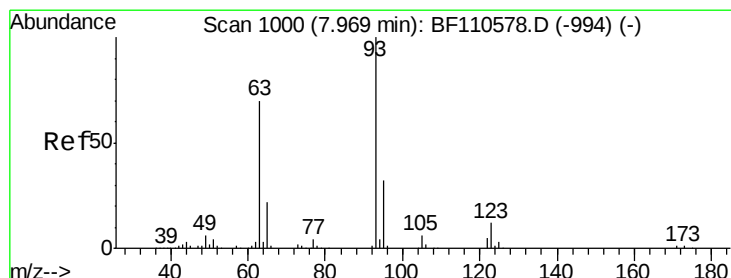
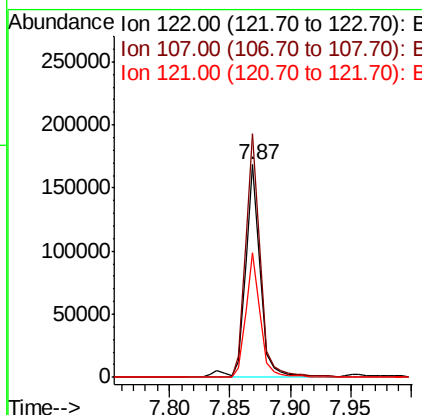
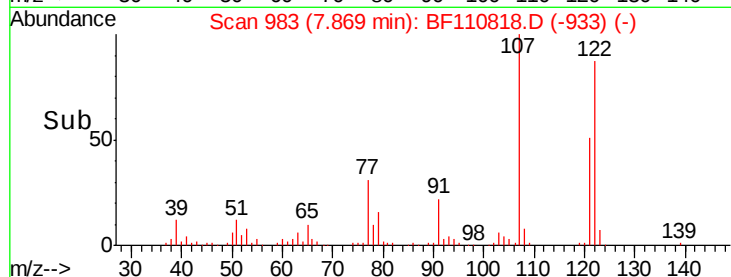
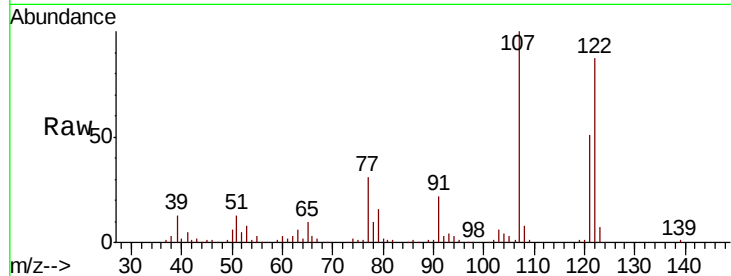




#27
 2,4-Dimethylphenol
 Concen: 42.525 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

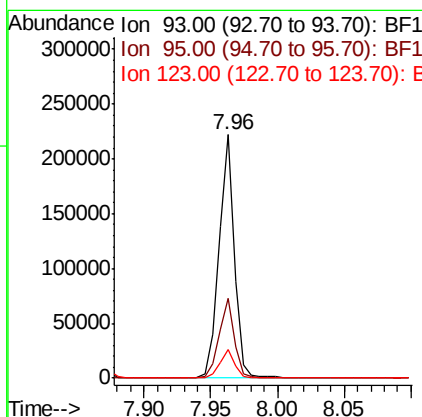
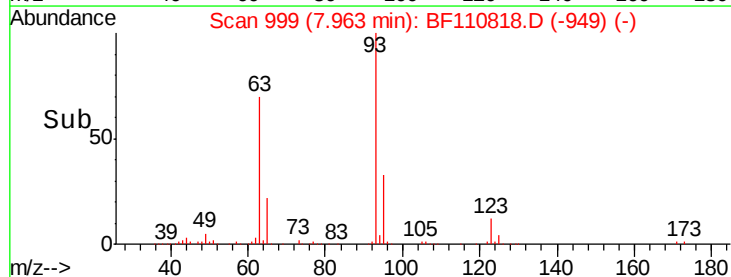
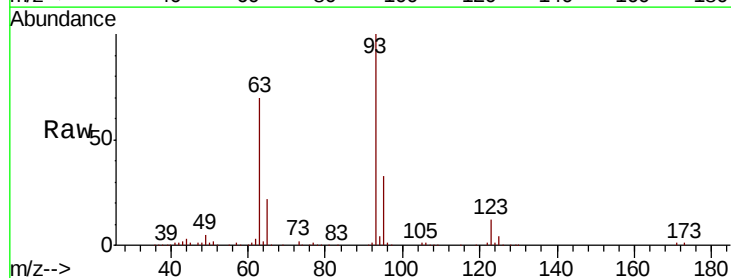
Instrument :
 BNA_F
 ClientSampled :

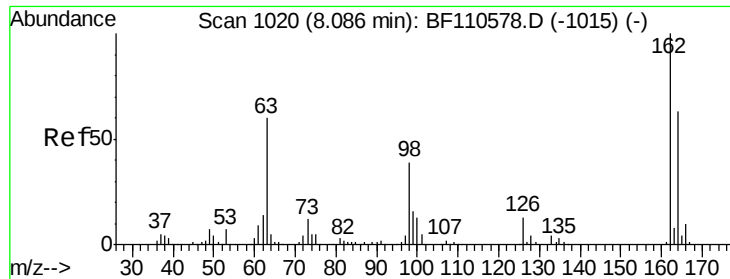
Tot Ion:122 Resp: 145041
 Ion Ratio Lower Upper
 122 100
 107 114.6 92.5 138.7
 121 58.4 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.381 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion: 93 Resp: 181756
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.8 9.0 13.6

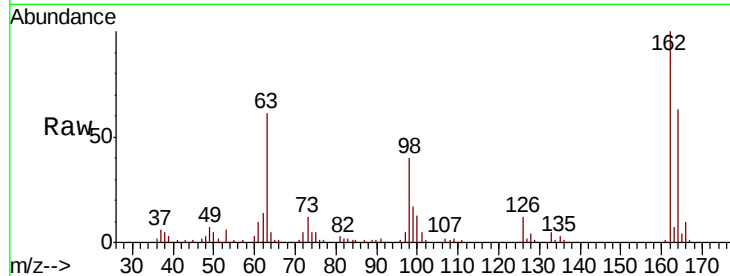




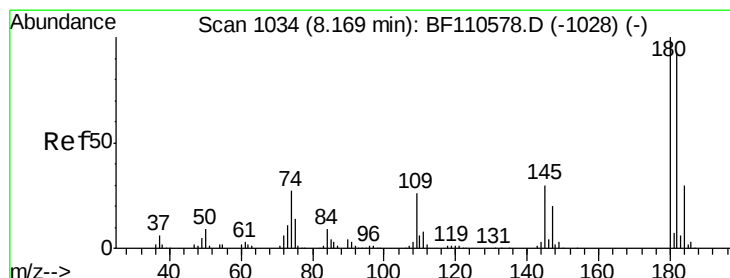
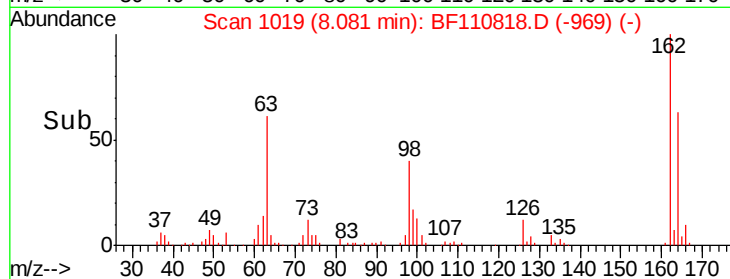
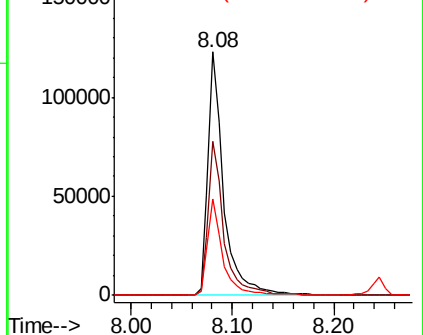
#29
 2,4-Dichlorophenol
 Concen: 37.852 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 132841
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 39.7 17.4 57.4

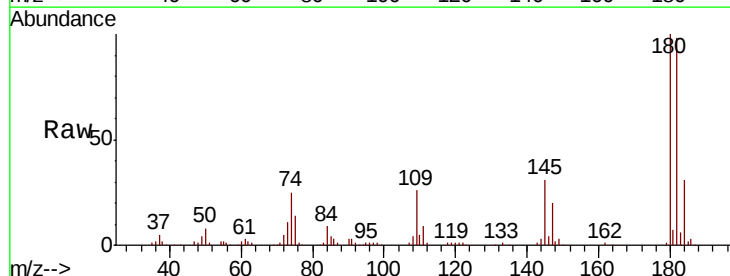


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

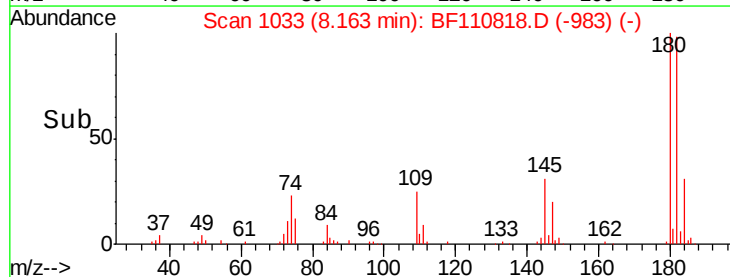
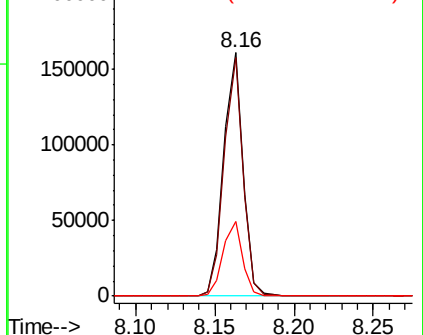


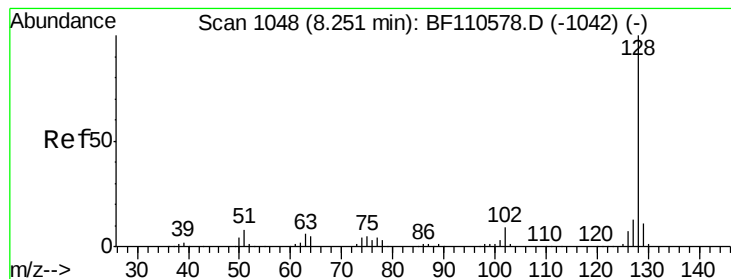
#30
 1,2,4-Trichlorobenzene
 Concen: 34.535 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion:180 Resp: 136652
 Ion Ratio Lower Upper
 180 100
 182 97.9 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: 43.125 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

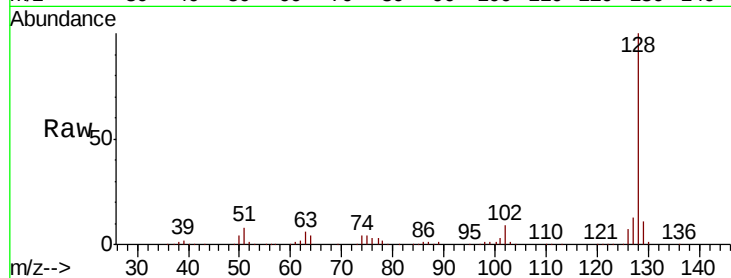
Tot Ion:128 Resp: 510833

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

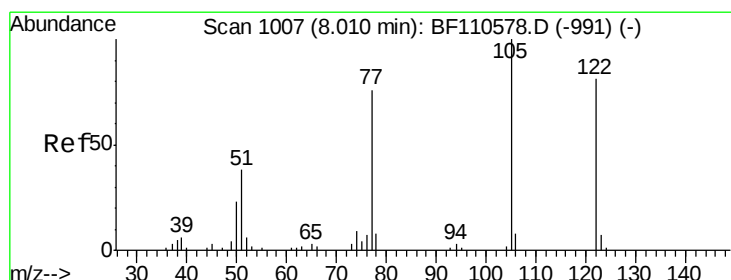
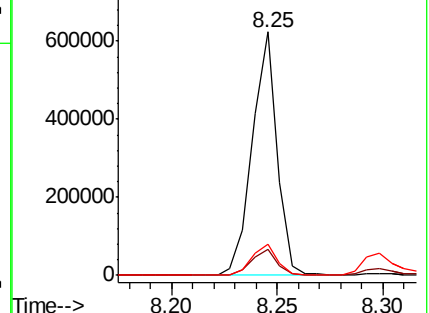
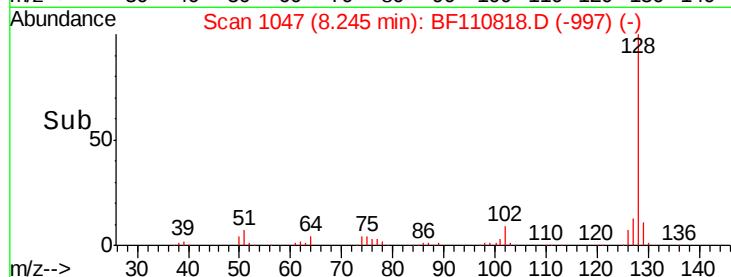
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.103 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.14 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

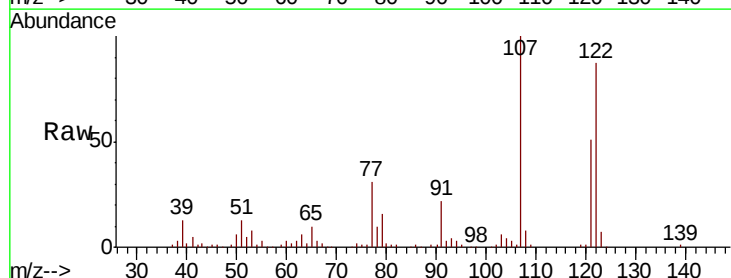
Tgt Ion:122 Resp: 145041

Ion Ratio Lower Upper

122 100

105 3.8 109.0 149.0#

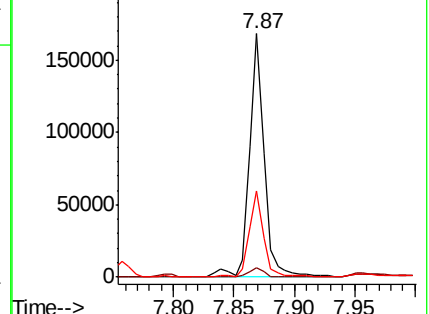
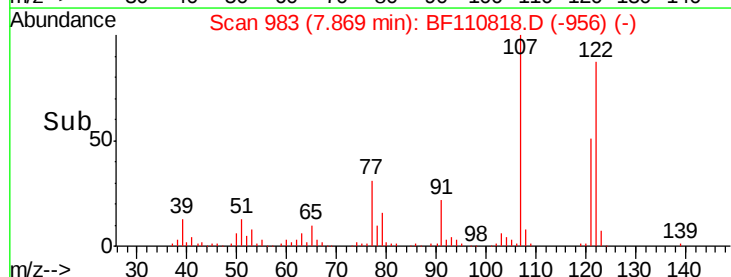
77 35.5 79.0 119.0#

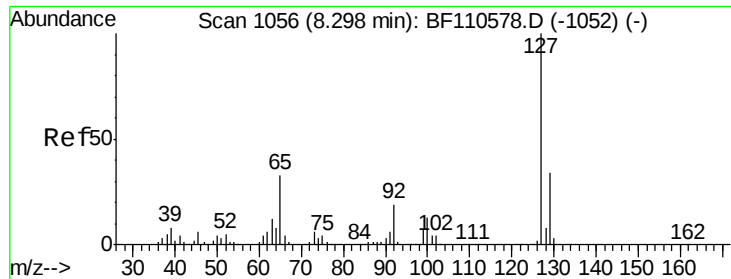


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

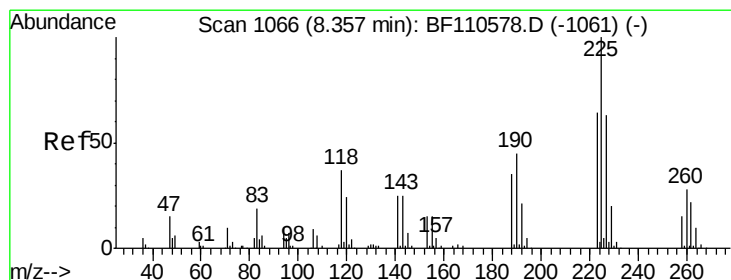
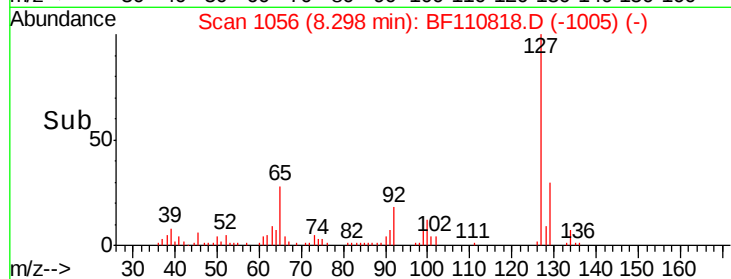
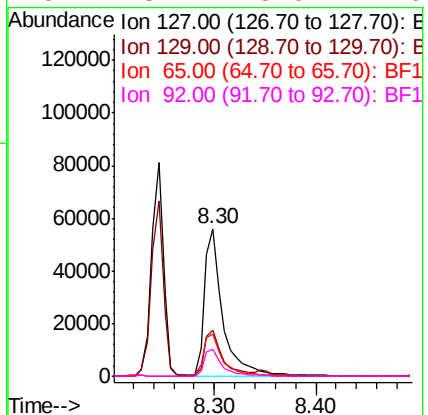
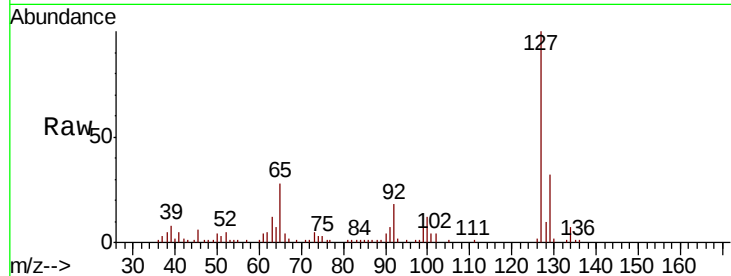




#33
4-Chloroaniline
Concen: 13.169 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

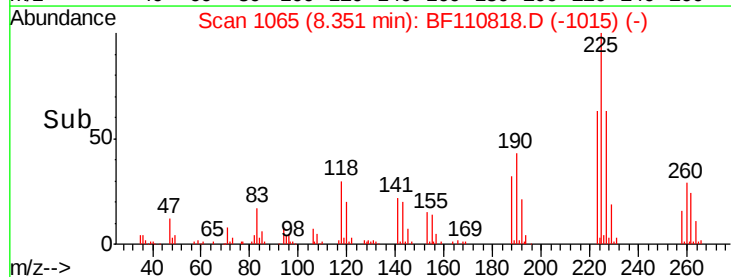
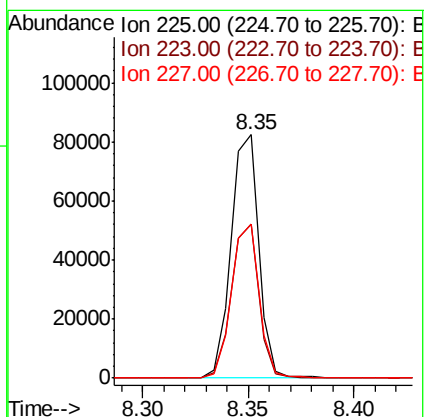
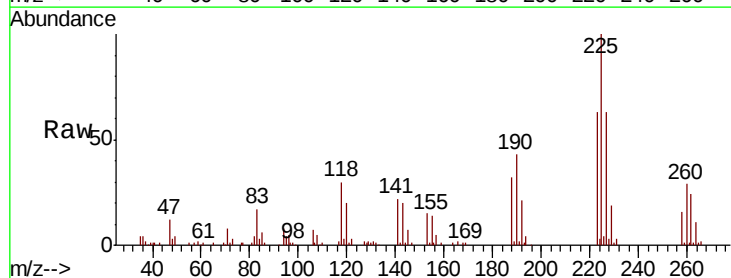
Instrument :
BNA_F
ClientSampleId :

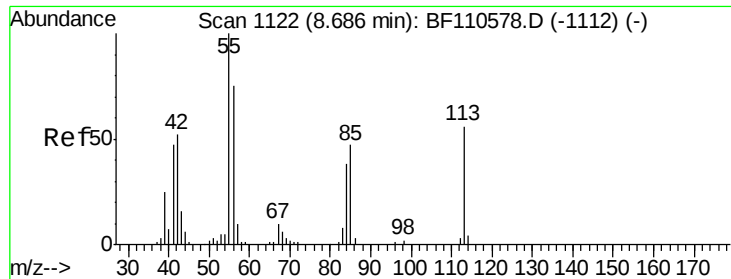
Tot Ion:	127	Resp:	70658
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	28.5	25.1	37.7
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 32.822 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:	225	Resp:	74180
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.2
227	63.0	51.0	76.6

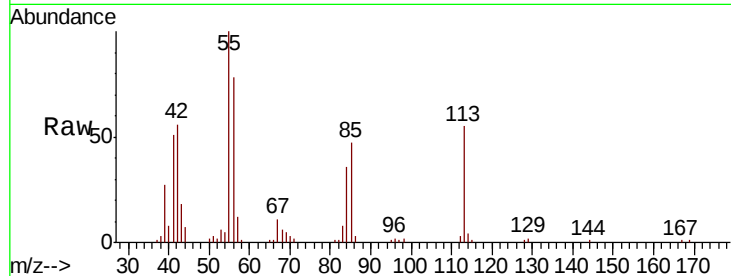




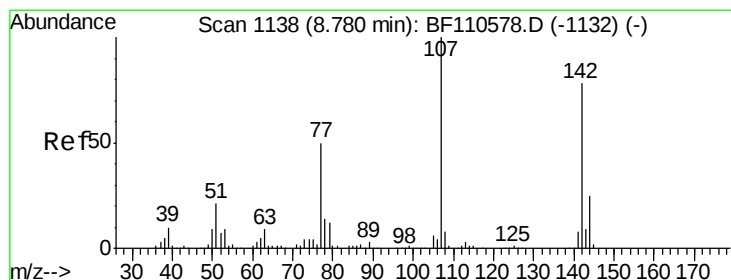
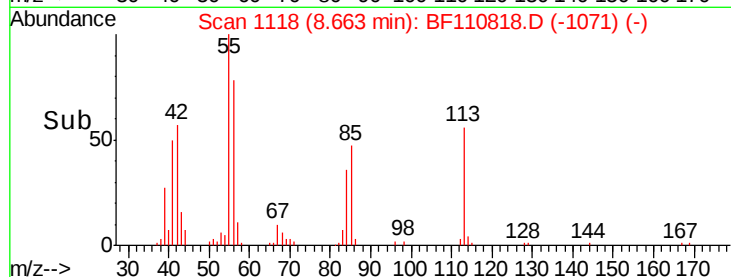
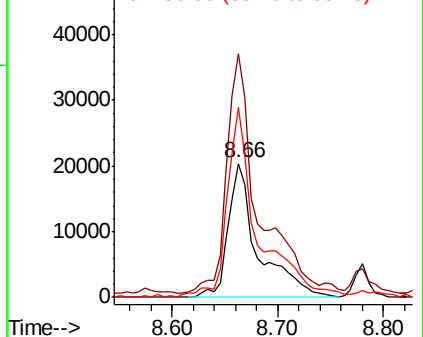
#35
 Caprolactam
 Concen: 34.016 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 39884
 Ion Ratio Lower Upper
 113 100
 55 181.7 142.8 182.8
 56 142.0 105.0 145.0

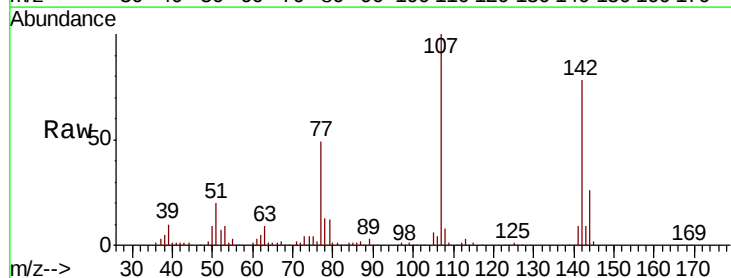


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

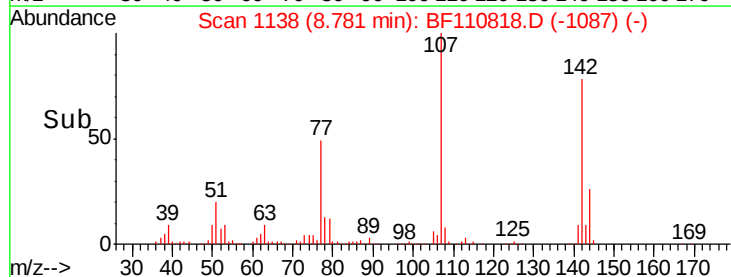
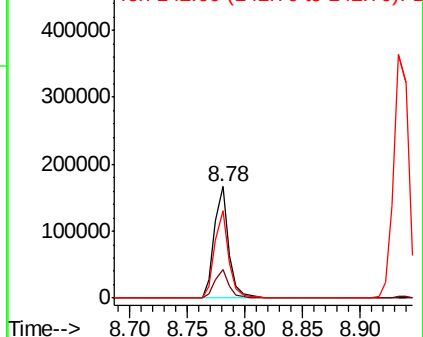


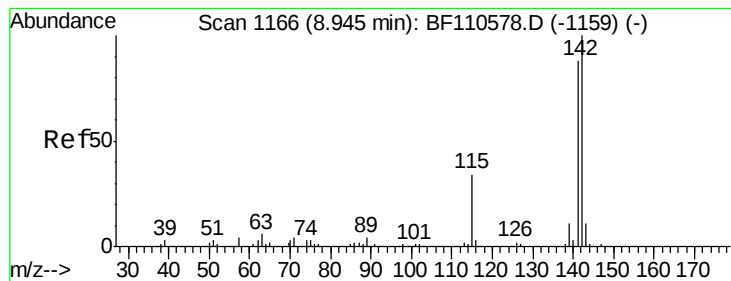
#36
 4-Chloro-3-methylphenol
 Concen: 38.363 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion:107 Resp: 145202
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 78.4 59.7 89.5



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

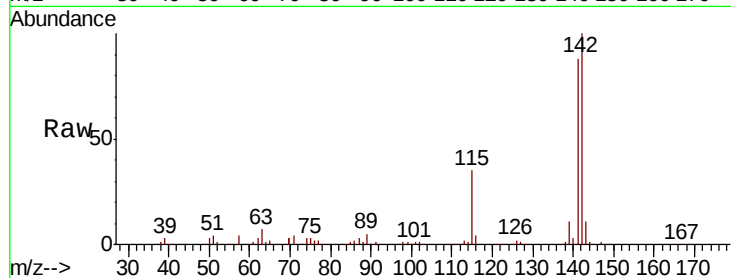




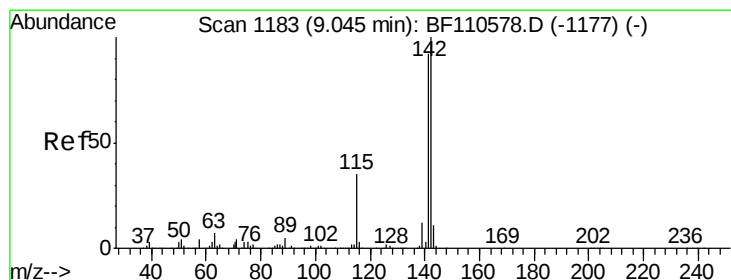
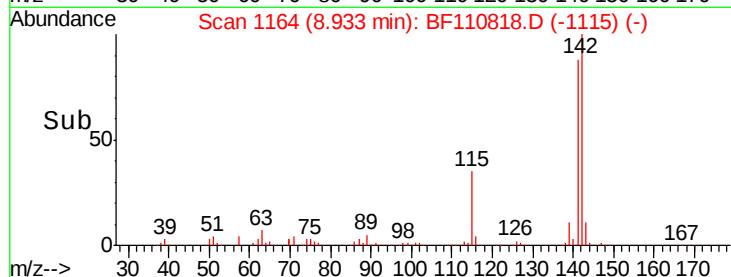
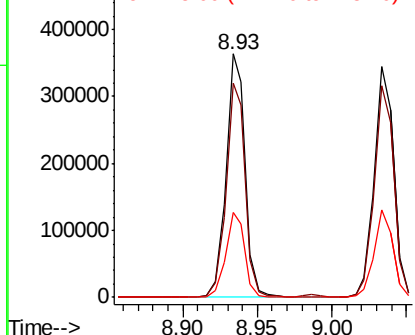
#37
 2-Methylnaphthalene
 Concen: 42.567 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 330549
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.4 107.2
 115 34.8 28.7 43.1

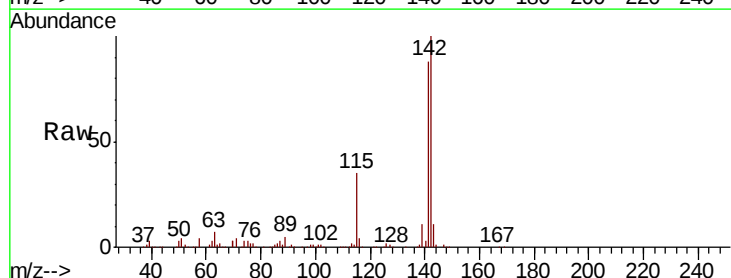


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

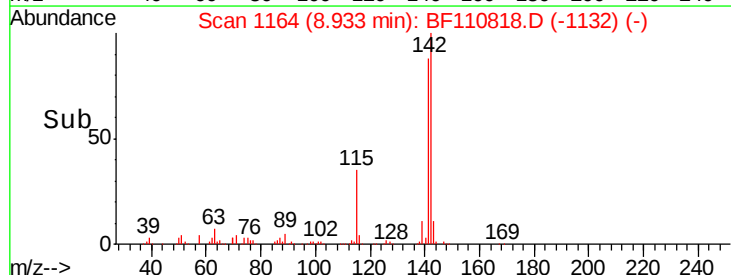
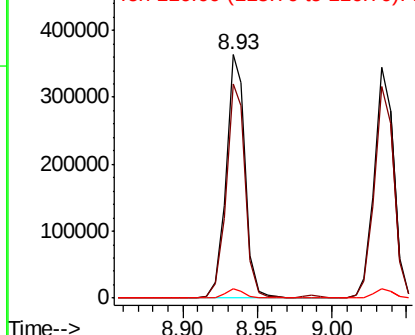


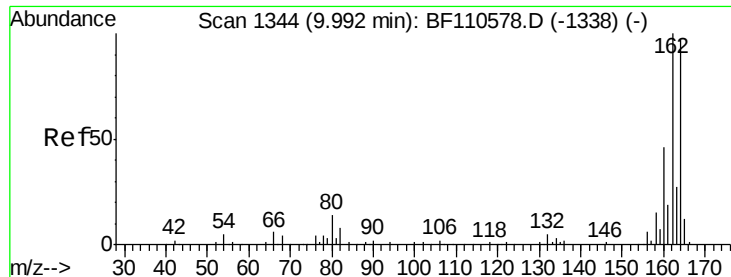
#38
 1-Methylnaphthalene
 Concen: 44.262 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.11 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion:142 Resp: 330549
 Ion Ratio Lower Upper
 142 100
 141 87.8 74.2 111.4
 116 3.8 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

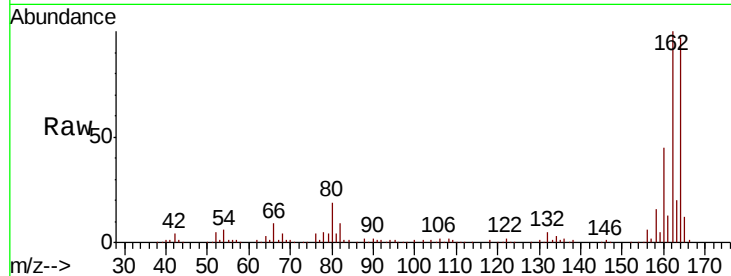




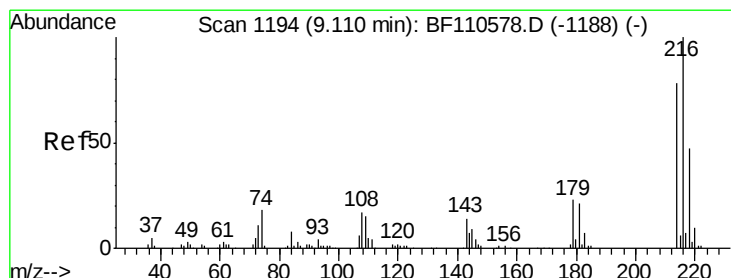
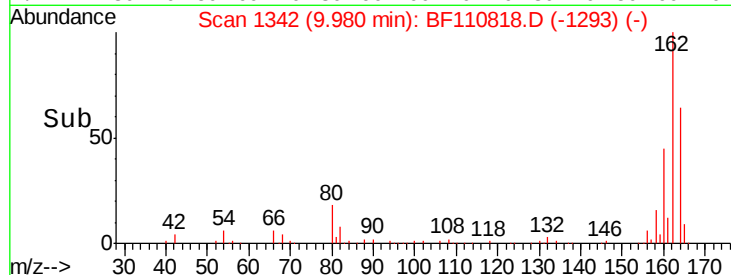
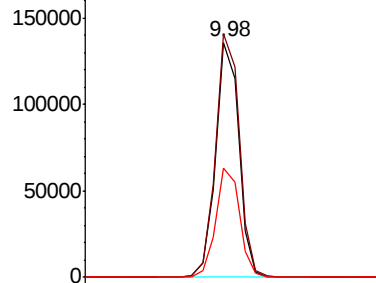
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 120564
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 46.4 37.0 55.6

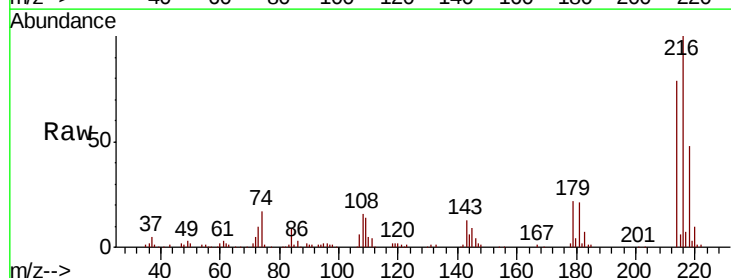


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

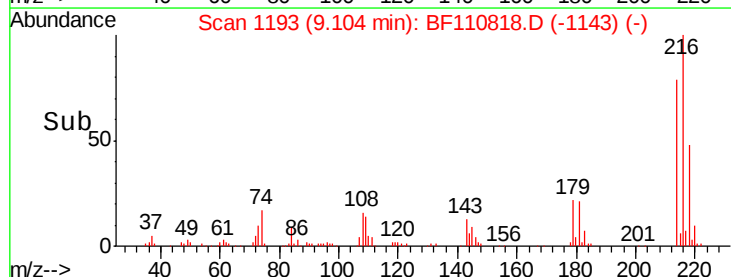
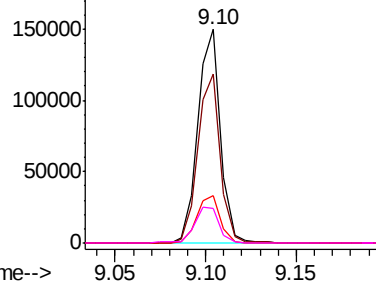


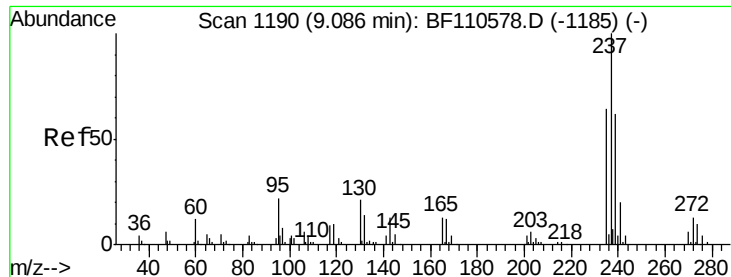
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.037 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:216 Resp: 129896
Ion Ratio Lower Upper
216 100
214 78.7 63.8 95.6
179 22.9 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: 16.788 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

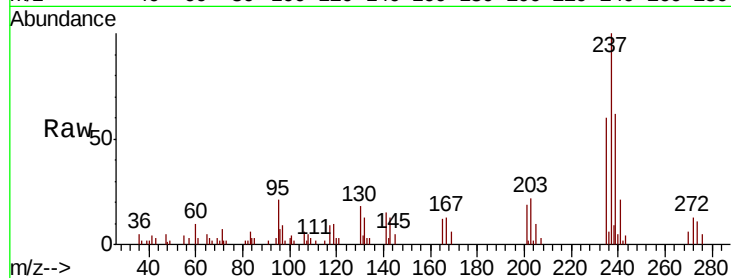
Tot Ion:237 Resp: 15070

Ion Ratio Lower Upper

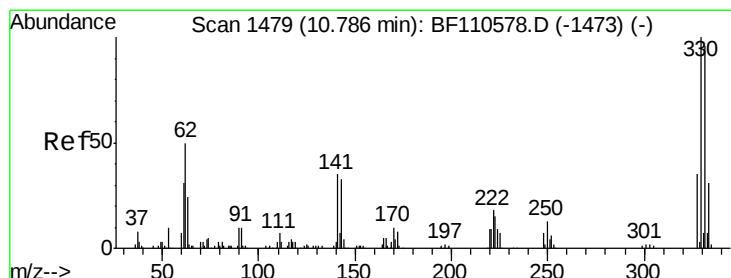
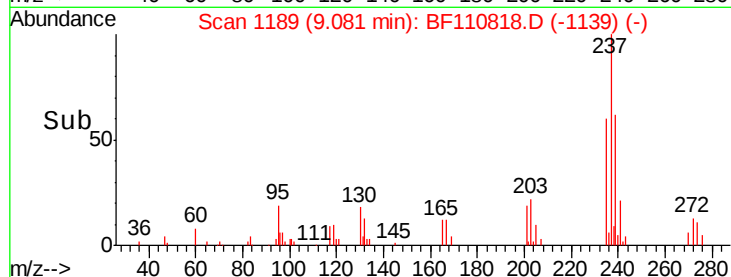
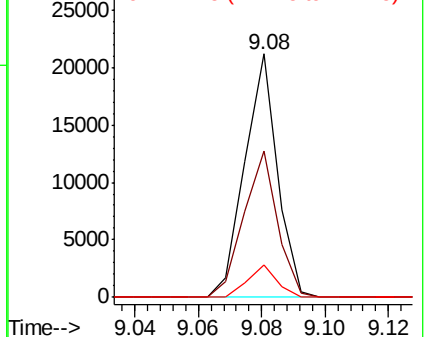
237 100

235 59.9 43.1 83.1

272 13.2 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: 131.989 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

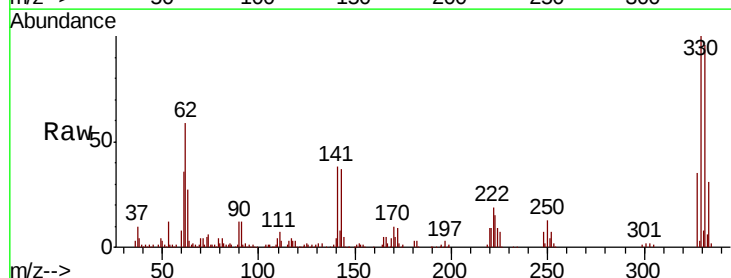
Tgt Ion:330 Resp: 160344

Ion Ratio Lower Upper

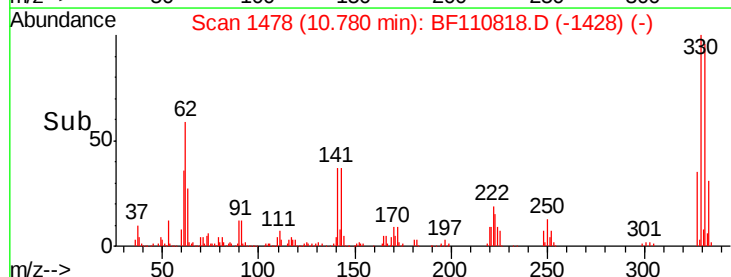
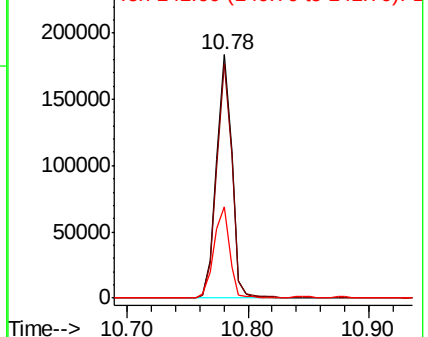
330 100

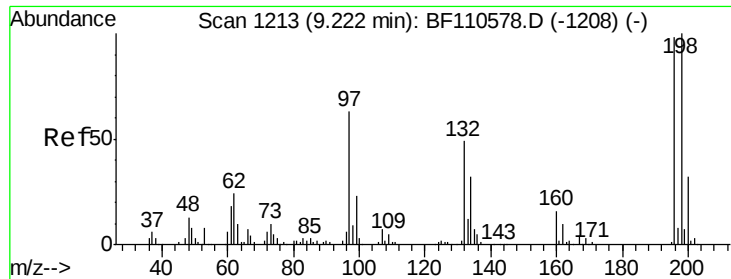
332 96.1 77.1 115.7

141 38.9 27.0 40.4



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

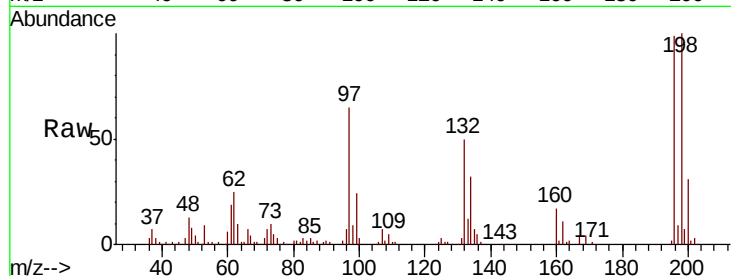




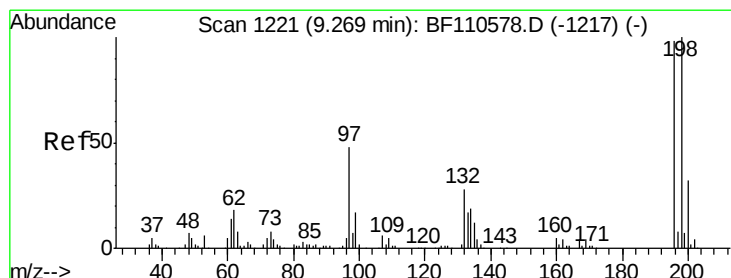
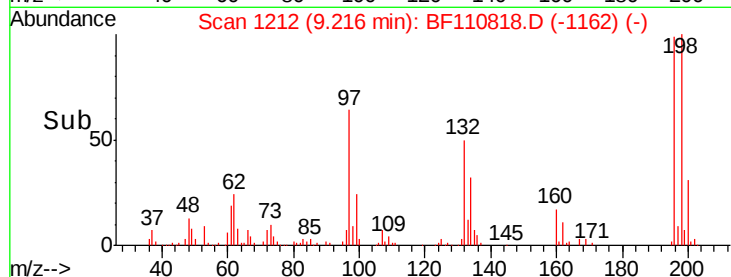
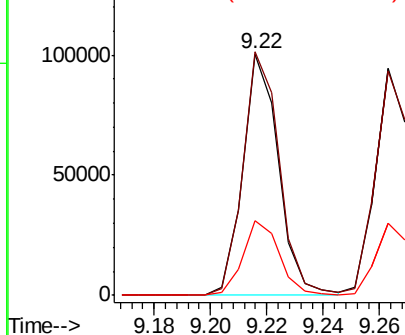
#43
 2,4,6-Trichlorophenol
 Concen: 36.702 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	88018
Ion Ratio	Lower	Upper	
196	100		
198	101.0	76.2	114.4
200	31.2	24.4	36.6



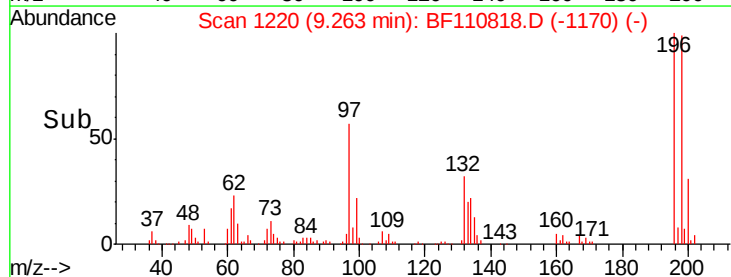
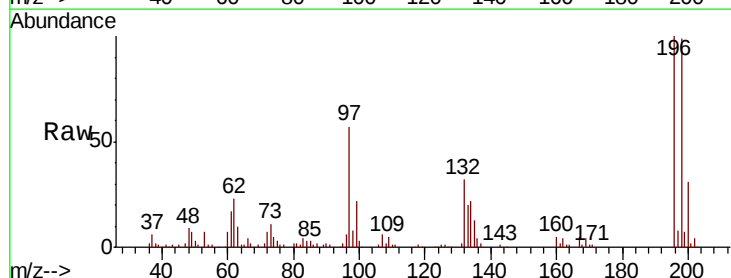
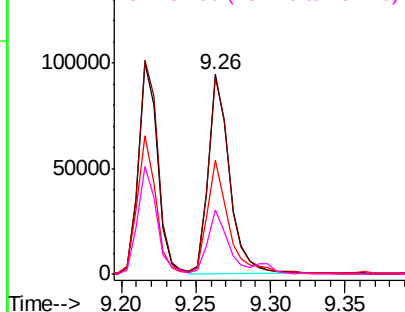
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

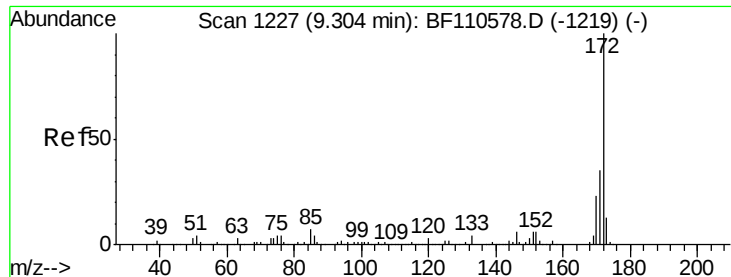


#44
 2,4,5-Trichlorophenol
 Concen: 36.429 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	196	Resp	93190
Ion Ratio	Lower	Upper	
196	100		
198	98.7	75.8	113.6
97	57.4	42.4	63.6
132	31.9	22.8	34.2

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

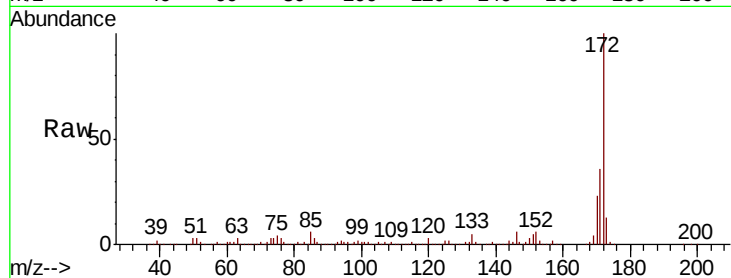




#45
 2-Fluorobiphenyl
 Concen: 90.456 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.3	19.7	29.5

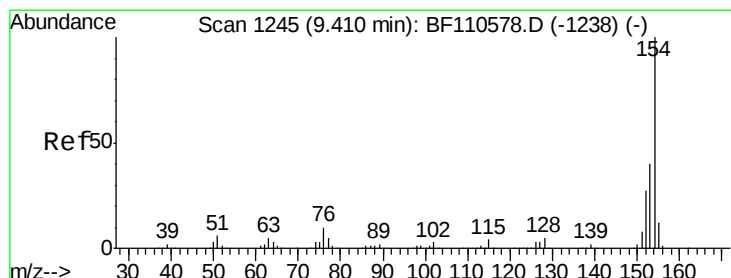
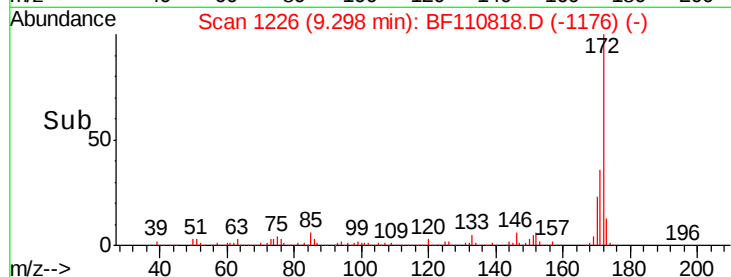
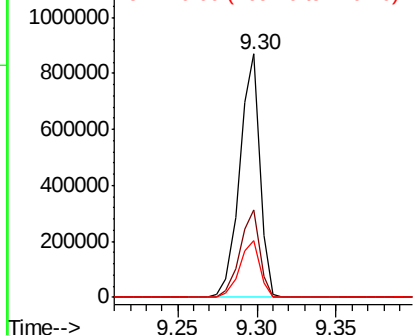


Abundance

Ion 172.00 (171.70 to 172.70): E

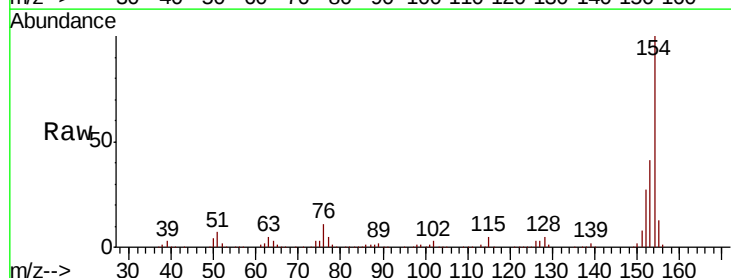
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 33.515 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.1	0.0	31.9

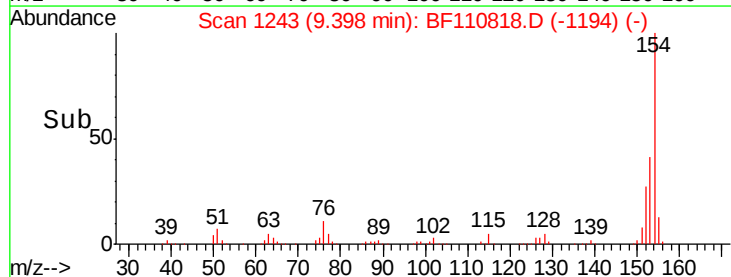
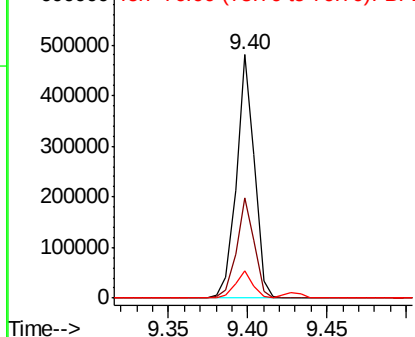


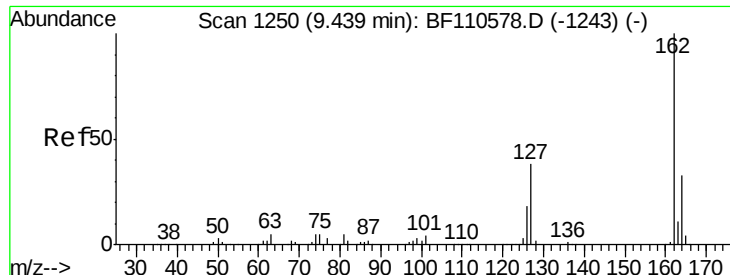
Abundance

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

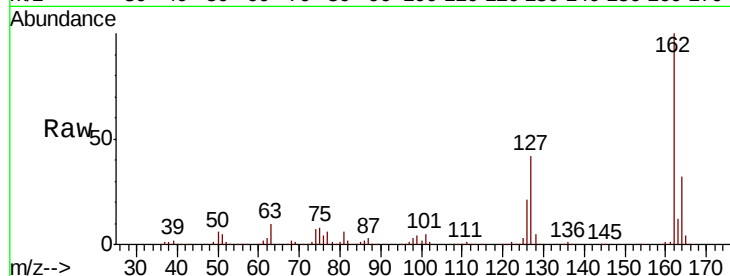




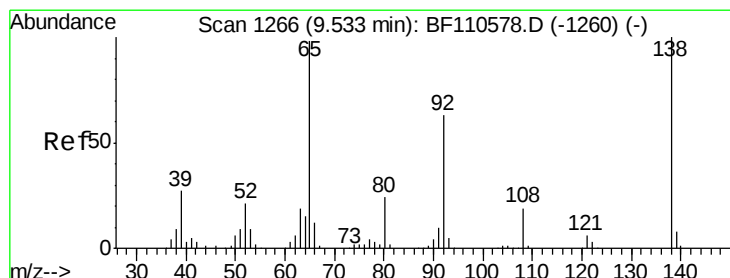
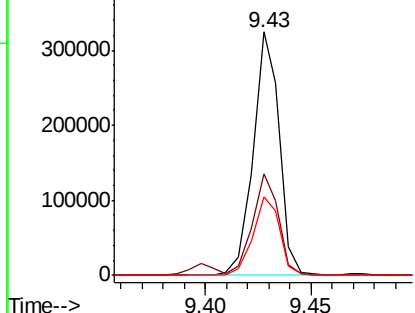
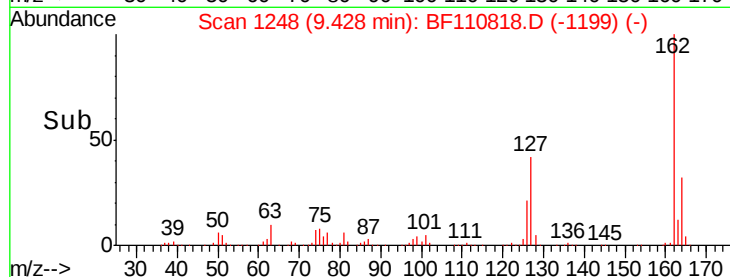
#47
2-Chloronaphthalene
Concen: 34.410 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 278811
Ion Ratio Lower Upper
162 100
127 41.9 32.6 48.8
164 32.4 25.9 38.9

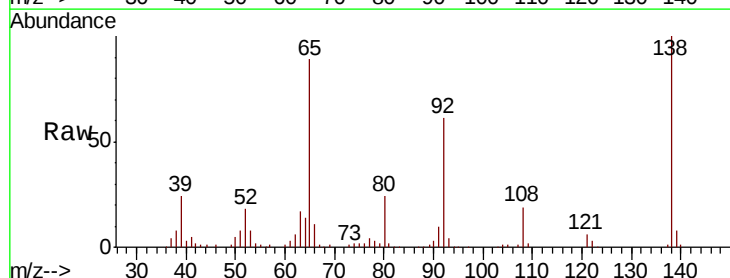


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

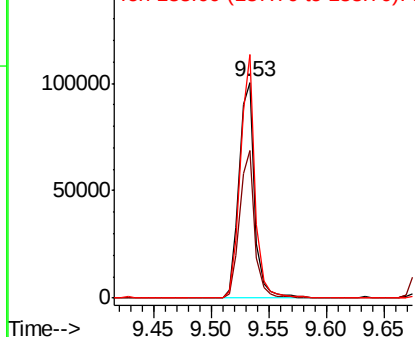
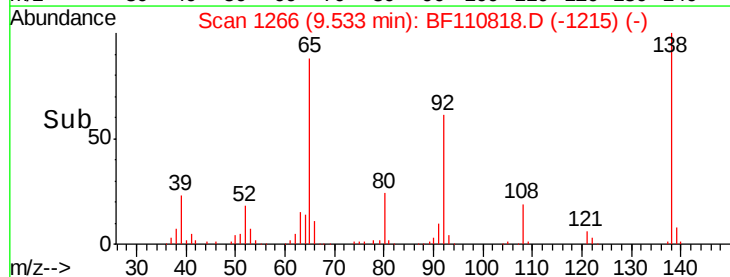


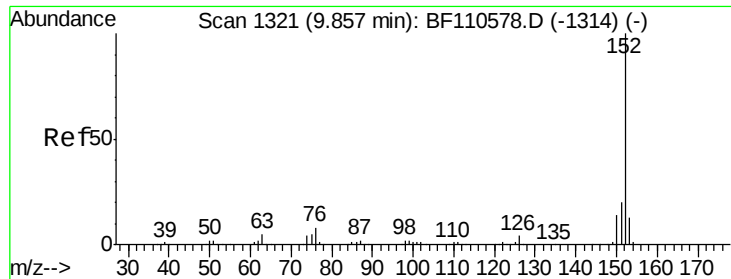
#48
2-Nitroaniline
Concen: 38.218 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion: 65 Resp: 95426
Ion Ratio Lower Upper
65 100
92 68.4 54.6 81.8
138 112.7 80.3 120.5



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





#49

Acenaphthylene

Concen: 39.997 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

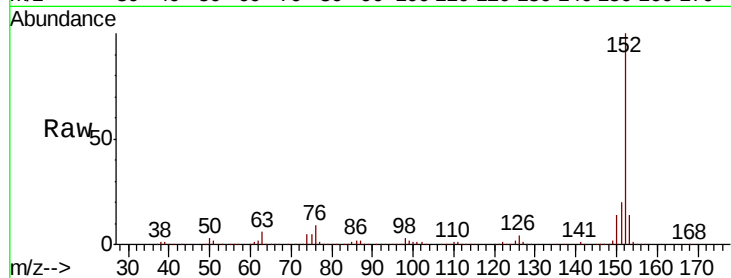
Tot Ion:152 Resp: 466726

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

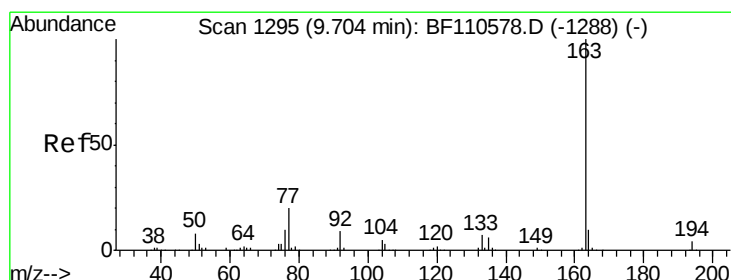
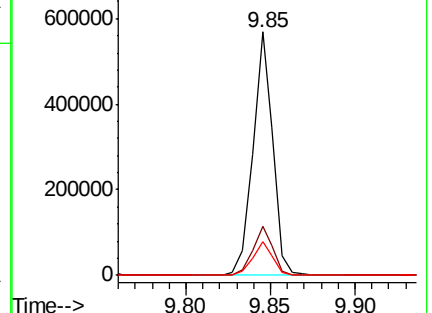
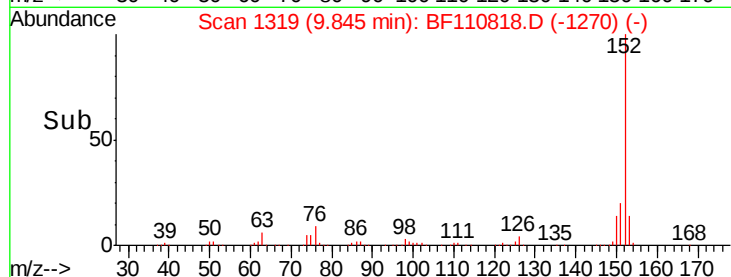
153 13.9 10.4 15.6



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: 49.440 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

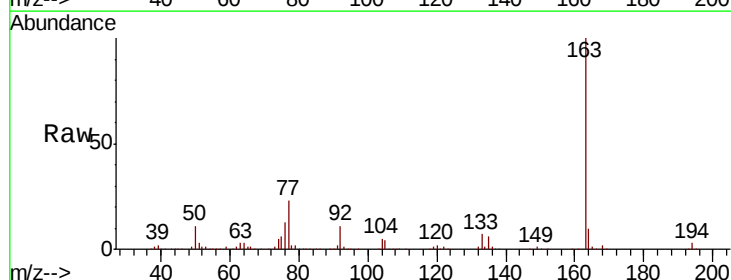
Tgt Ion:163 Resp: 444774

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

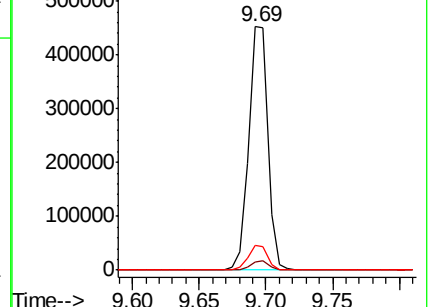
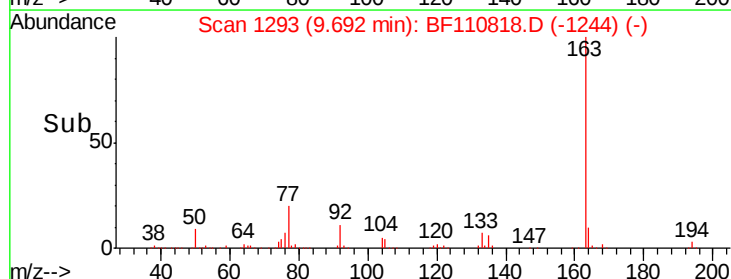
164 10.2 8.1 12.1

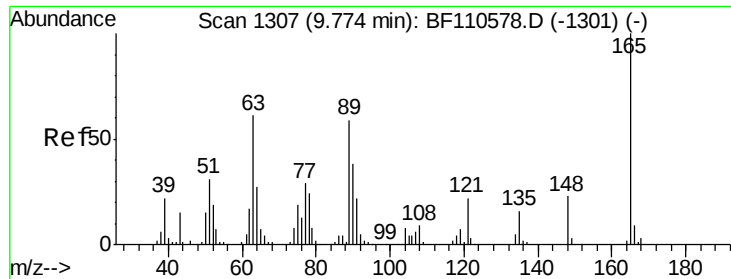


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.206 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampled :

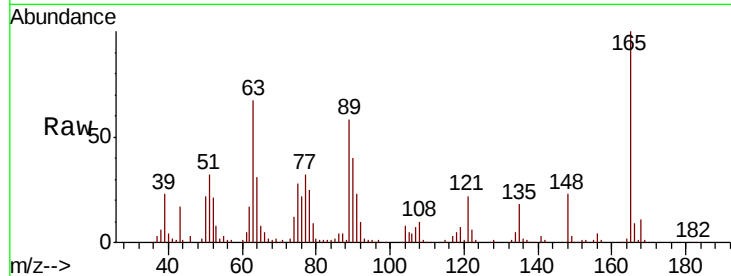
Tot Ion:165 Resp: 73629

Ion Ratio Lower Upper

165 100

63 67.1 48.9 73.3

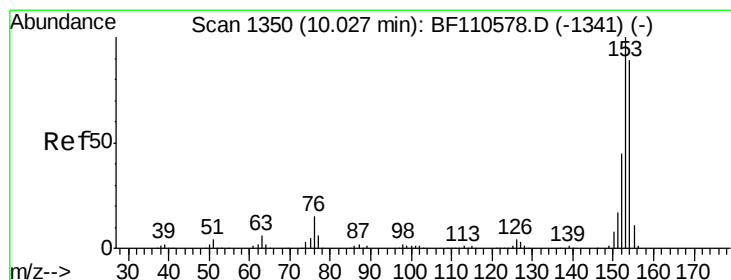
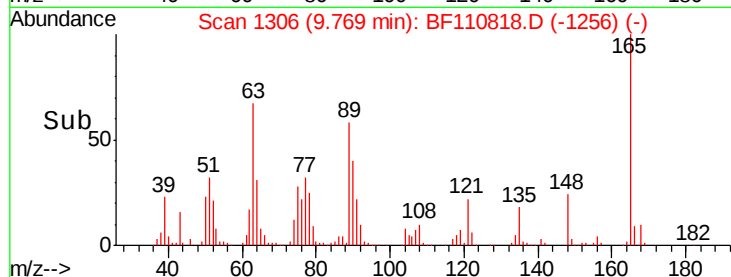
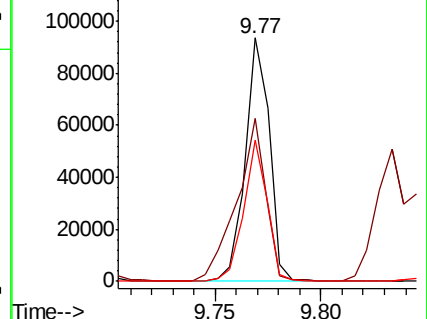
89 57.8 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.685 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

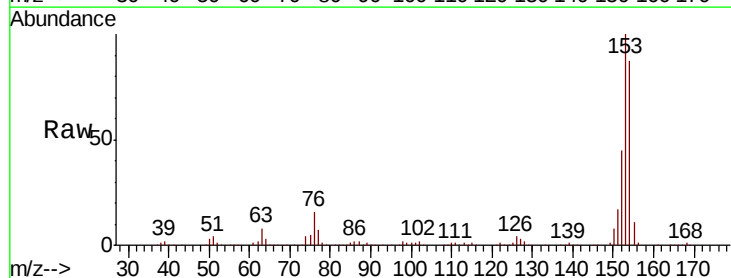
Tgt Ion:154 Resp: 270531

Ion Ratio Lower Upper

154 100

153 114.8 90.1 135.1

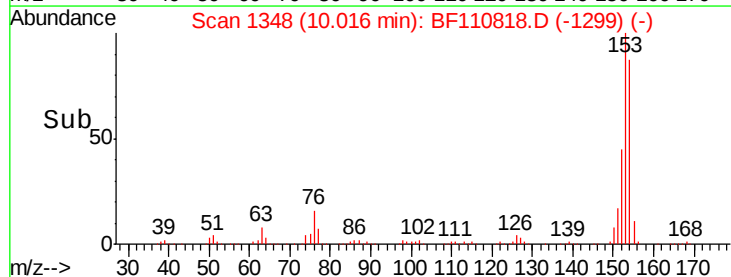
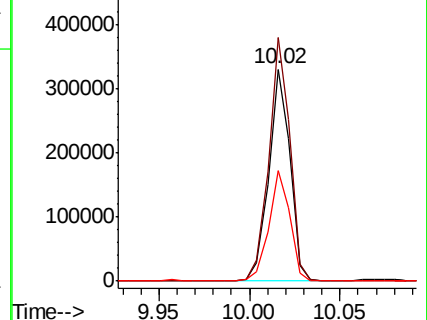
152 51.9 43.4 65.2

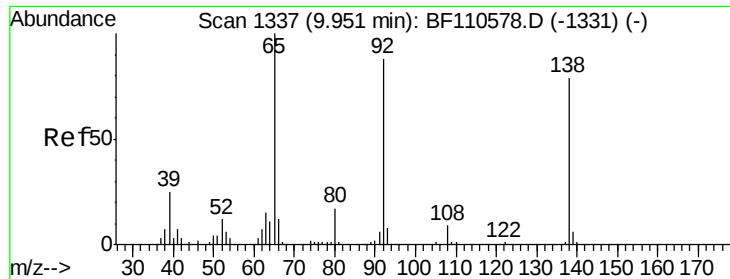


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

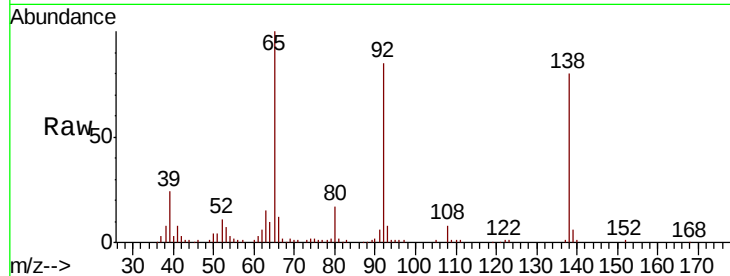




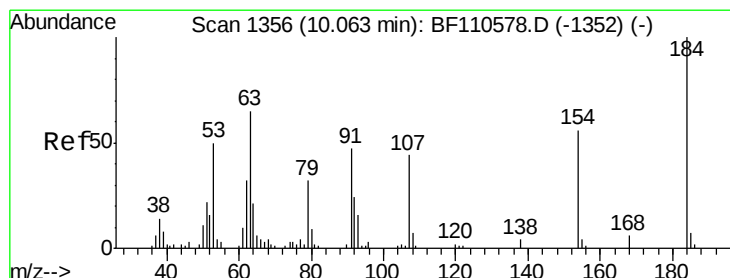
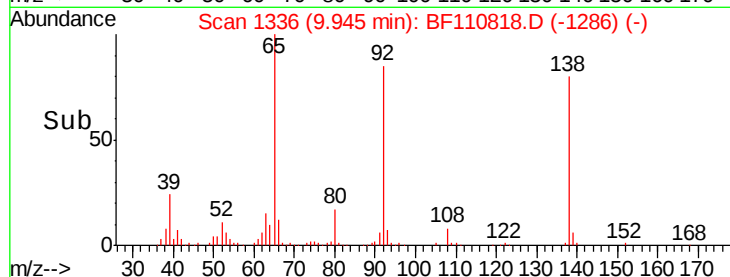
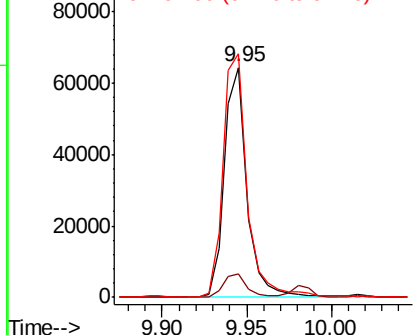
#53
3-Nitroaniline
Concen: 26.251 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 60187
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 106.0 97.0 145.4

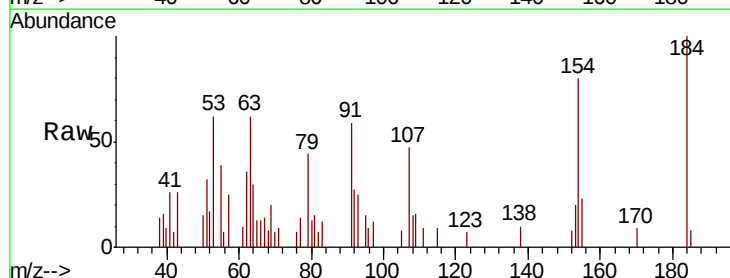


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

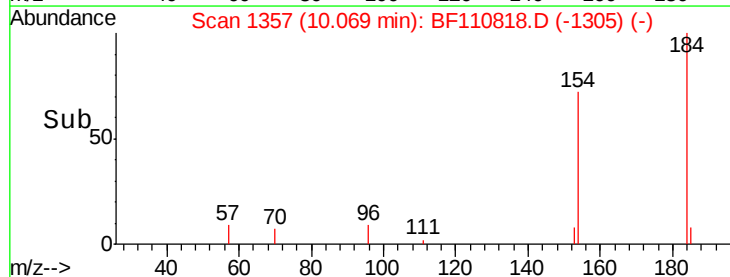
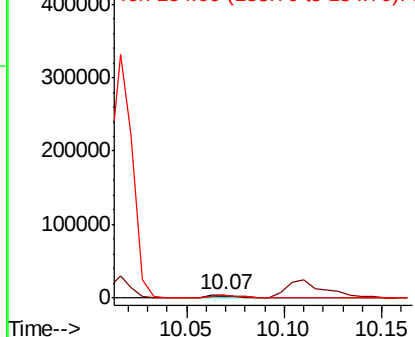


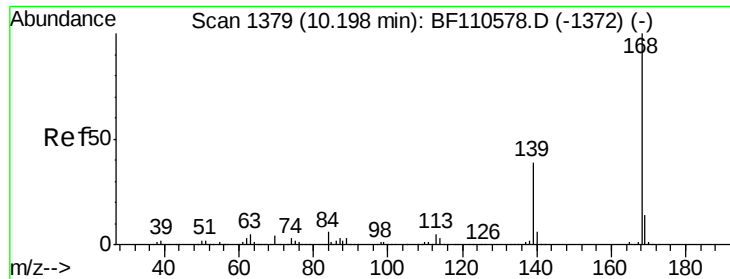
#54
2,4-Dinitrophenol
Concen: 11.683 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:184 Resp: 5847
Ion Ratio Lower Upper
184 100
63 62.2 55.8 83.6
154 79.6 63.2 94.8



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

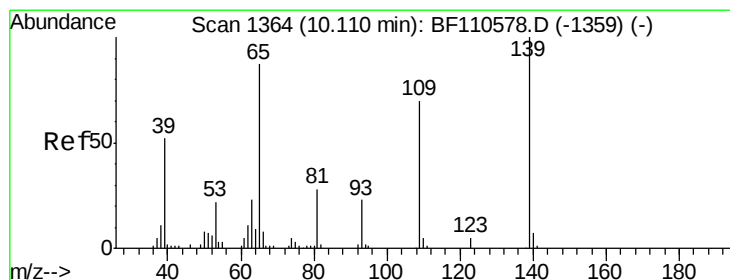
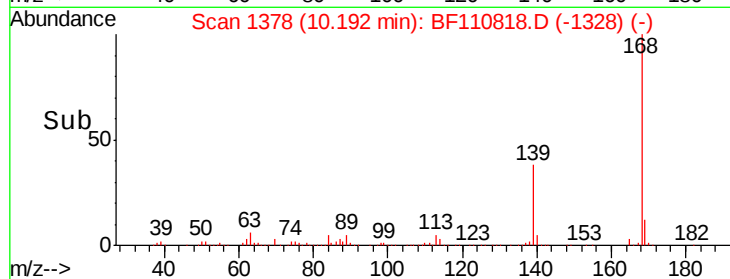
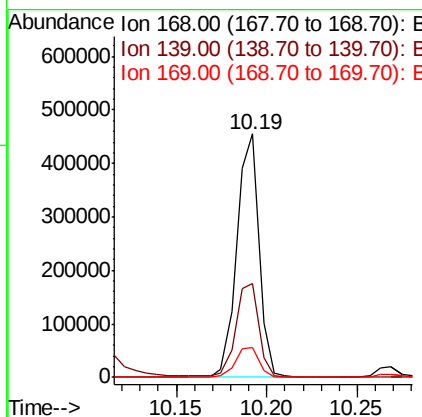
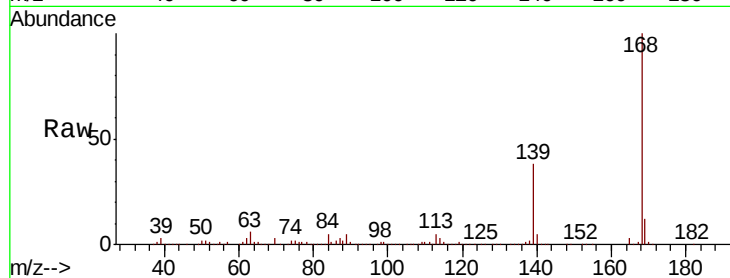




#55
Dibenzenofuran
Concen: 36.016 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

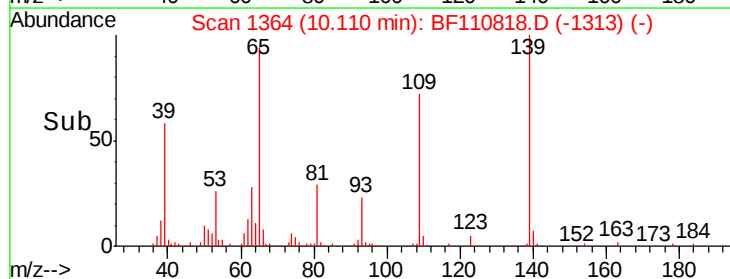
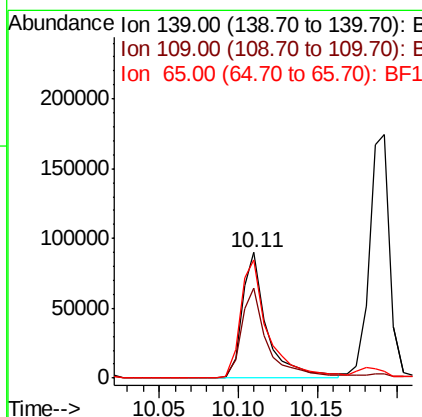
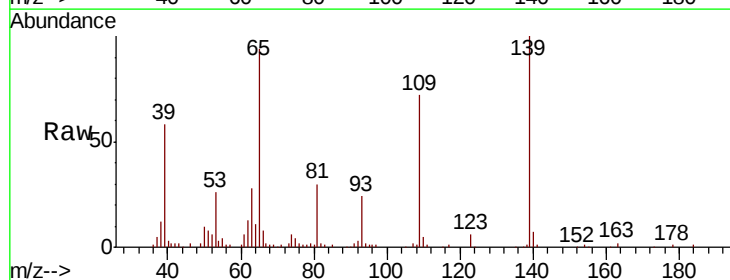
Instrument :
BNA_F
ClientSampleId :

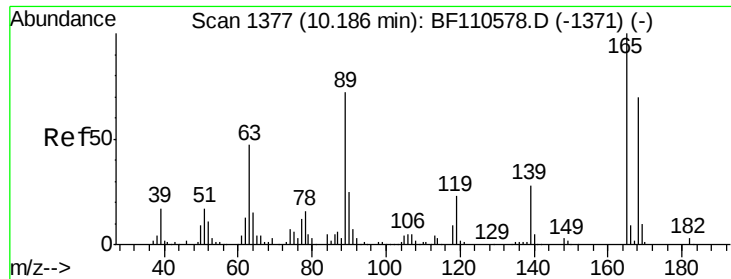
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	33.0	49.6
169	12.5	11.3	16.9



#56
4-Nitrophenol
Concen: 63.876 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	55.8	95.8
65	94.4	77.9	117.9

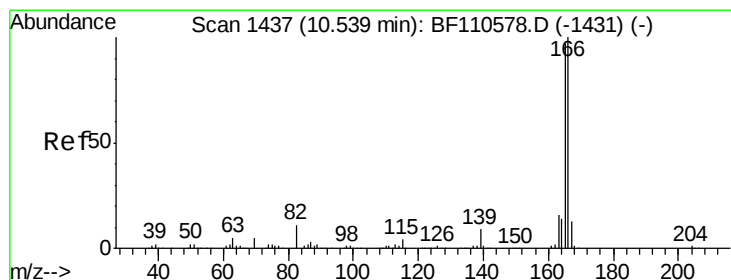
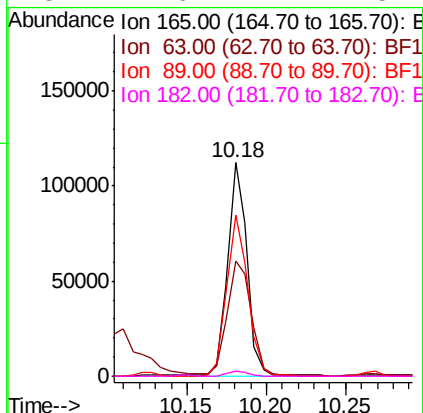
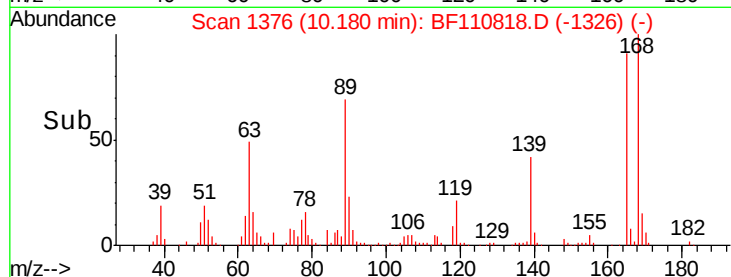
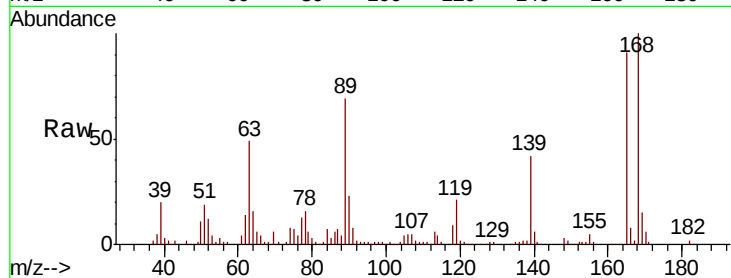




#57
2,4-Dinitrotoluene
Concen: 37.083 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

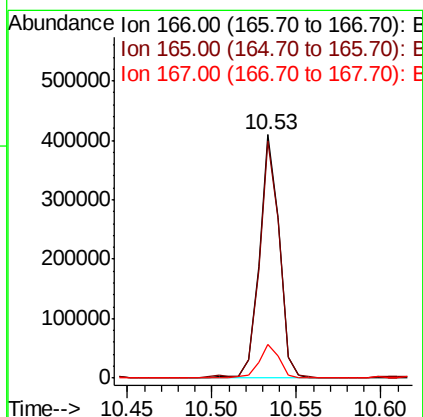
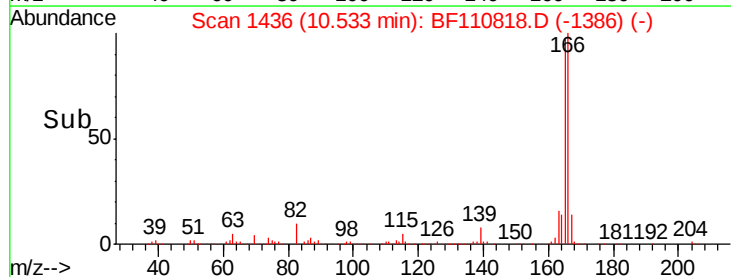
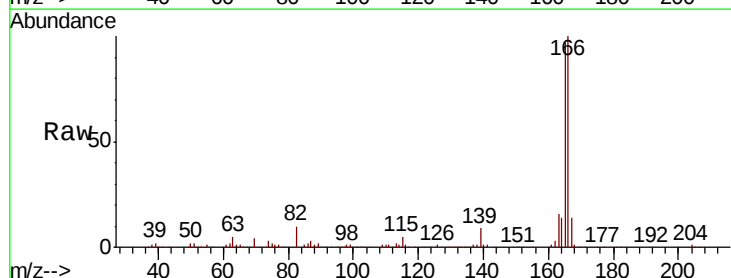
Instrument :
BNA_F
ClientSampleId :

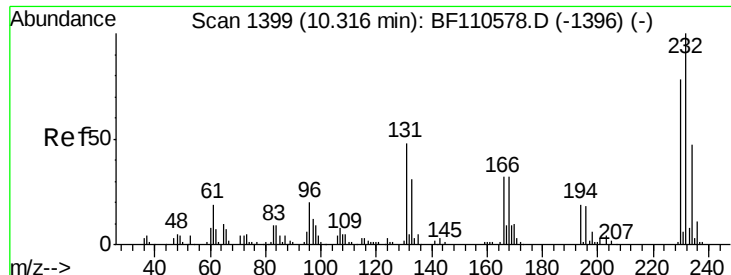
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.9	44.8	67.2
89	75.5	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 40.639 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.7	10.8	16.2

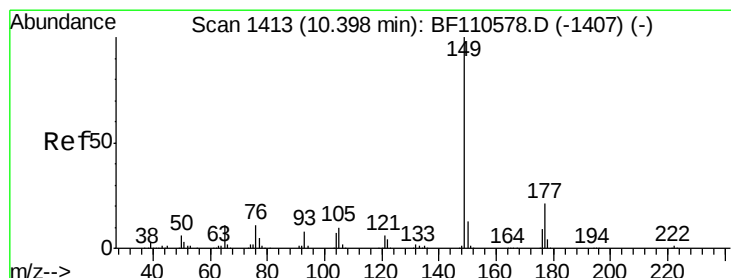
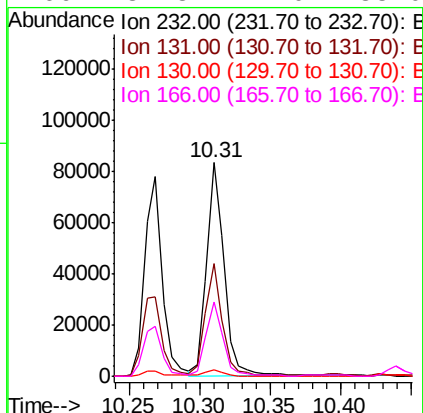
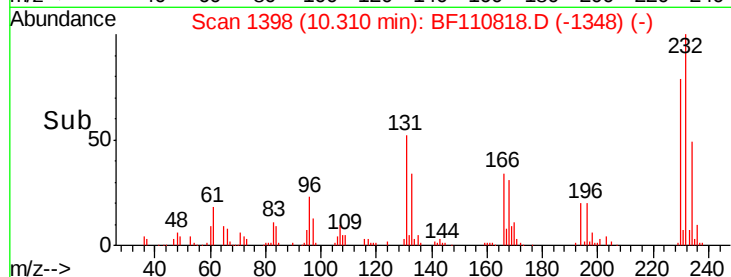
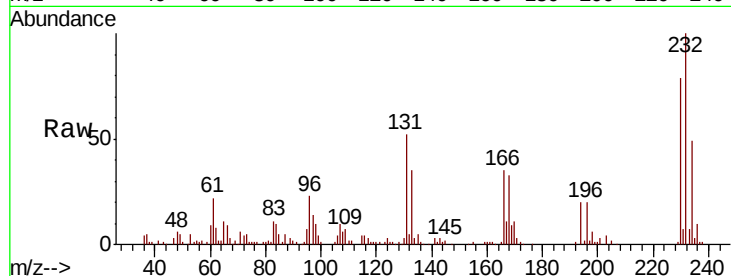




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.752 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

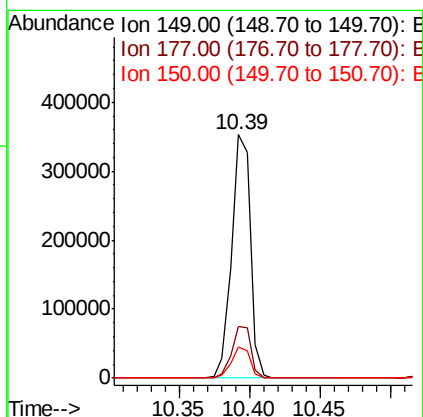
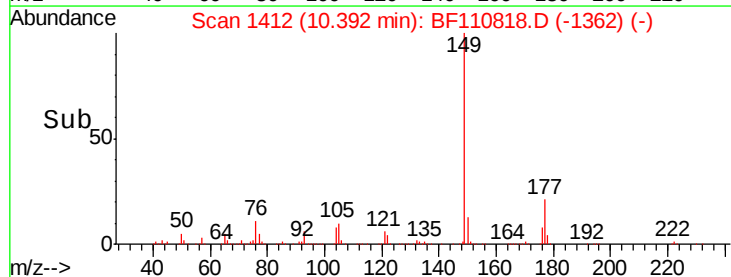
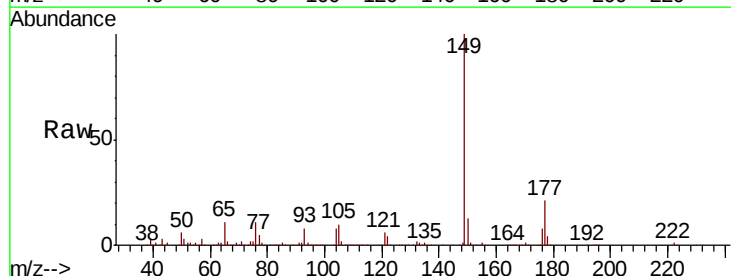
Instrument :
BNA_F
ClientSampleId :

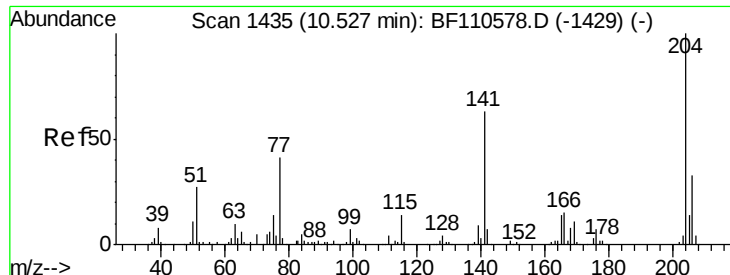
Tot Ion:232 Resp: 71947
Ion Ratio Lower Upper
232 100
131 52.3 37.0 55.4
130 3.1 1.8 2.6#
166 34.8 22.0 33.0#



#60
Diethylphthalate
Concen: 36.796 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:149 Resp: 327489
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.6 9.8 14.8

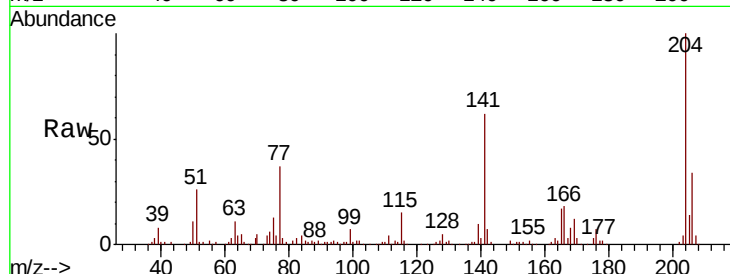




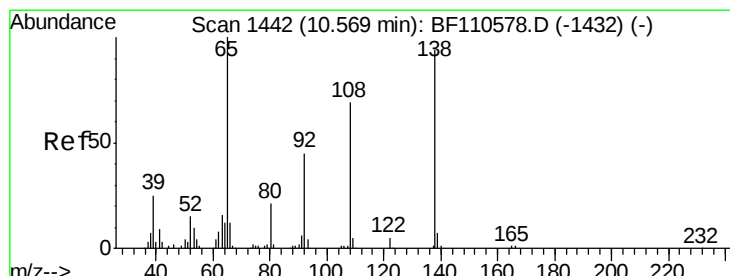
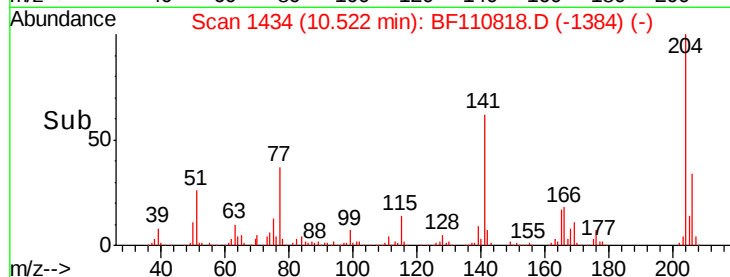
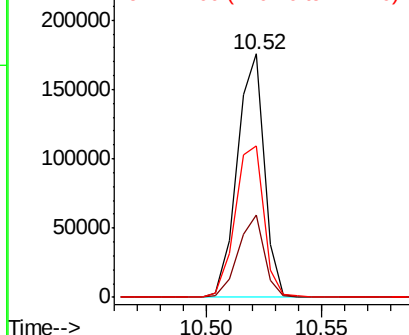
#61
4-Chlorophenyl-phenylether
Concen: 33.475 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 143637
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 62.4 51.8 77.8

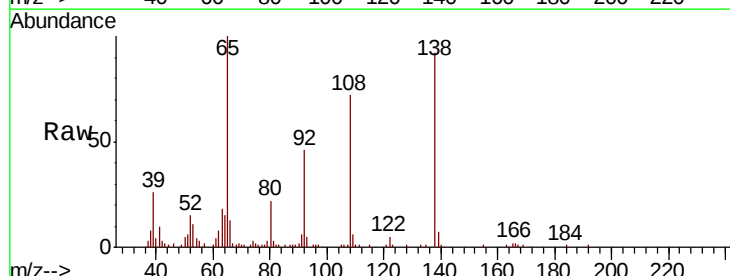


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

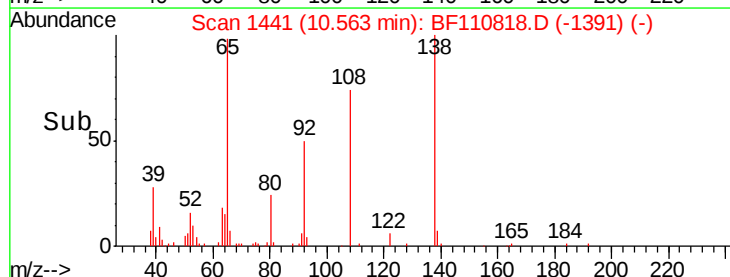
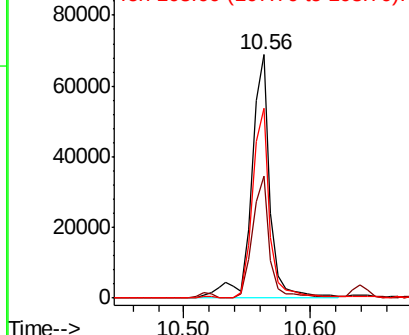


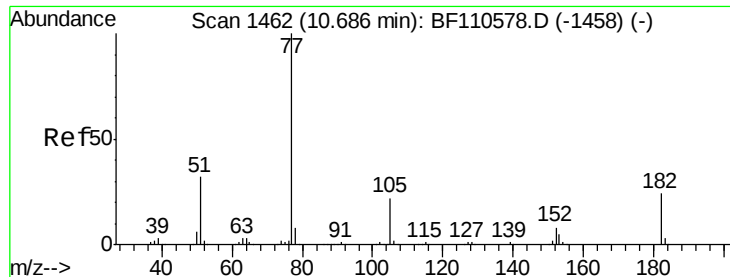
#62
4-Nitroaniline
Concen: 30.522 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:138 Resp: 70467
Ion Ratio Lower Upper
138 100
92 50.1 31.7 71.7
108 78.0 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

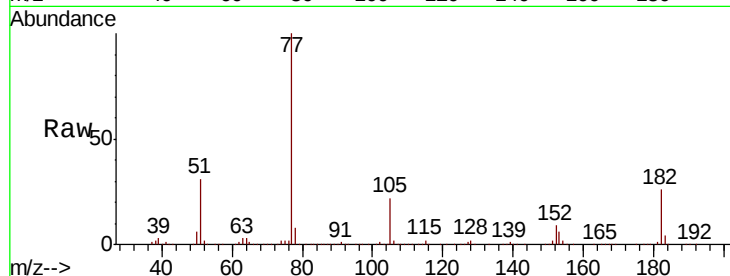




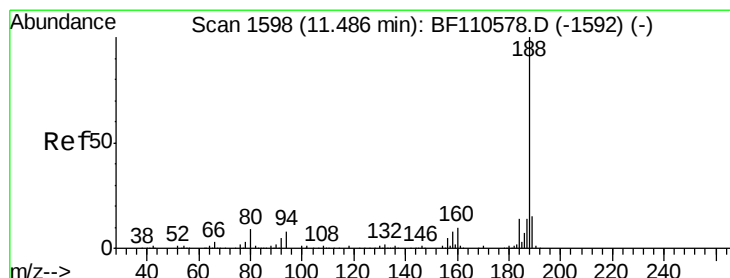
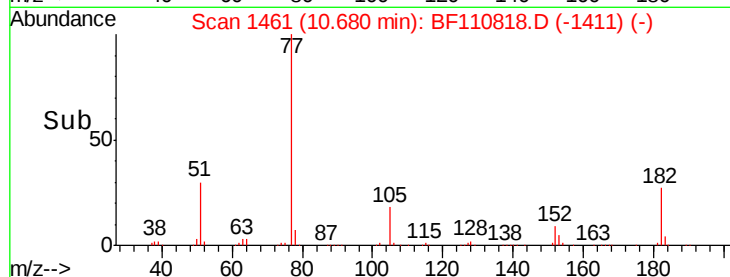
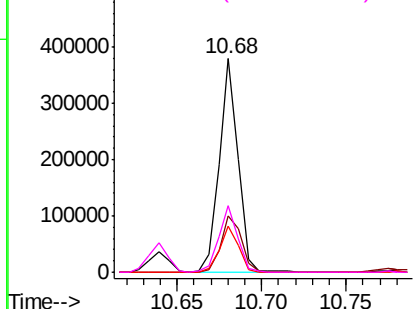
#63
Azobenzene
Concen: 33.657 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	292251
Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	21.7	1.3	41.3
51	31.1	9.0	49.0

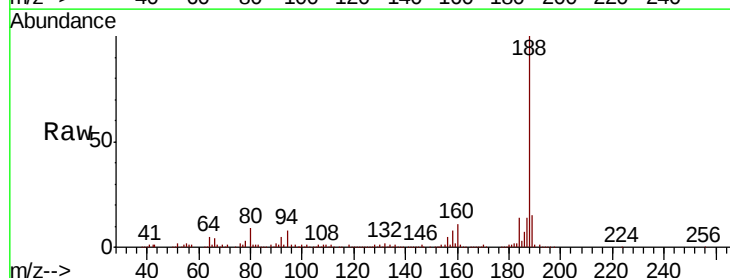


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

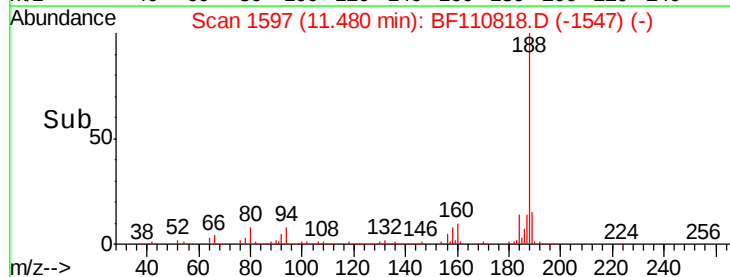
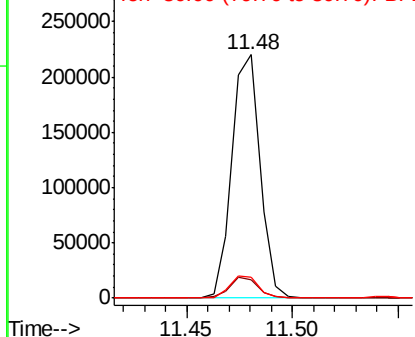


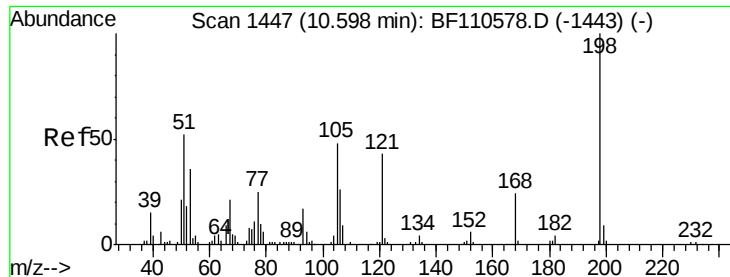
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:	188	Resp:	202521
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.6	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.993 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

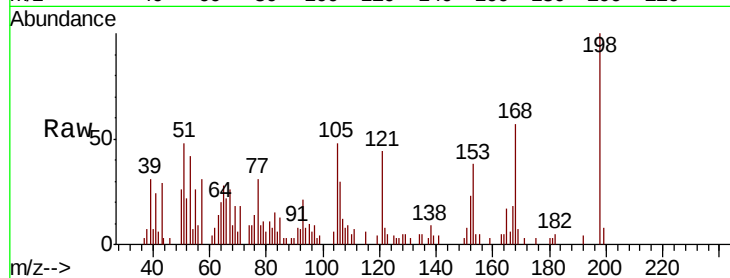
Tot Ion:198 Resp: 11220

Ion Ratio Lower Upper

198 100

51 48.2 22.8 62.8

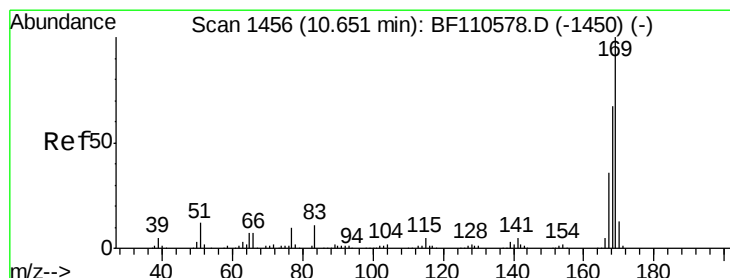
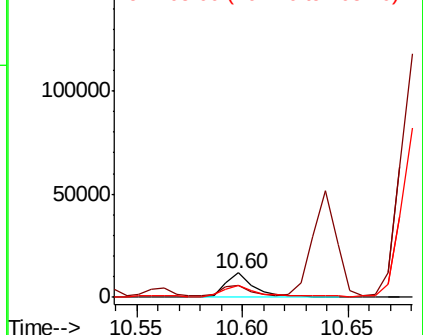
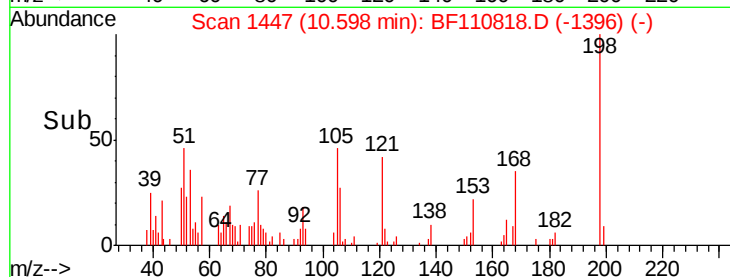
105 48.3 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.290 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

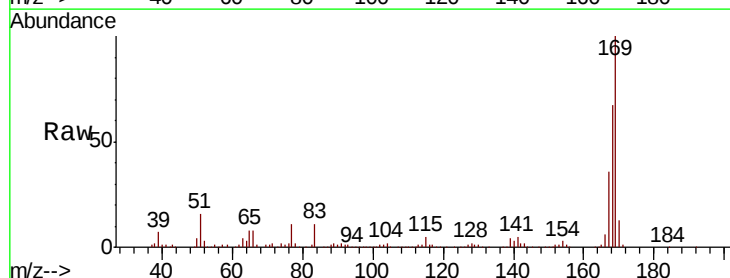
Tgt Ion:169 Resp: 268203

Ion Ratio Lower Upper

169 100

168 67.3 51.2 76.8

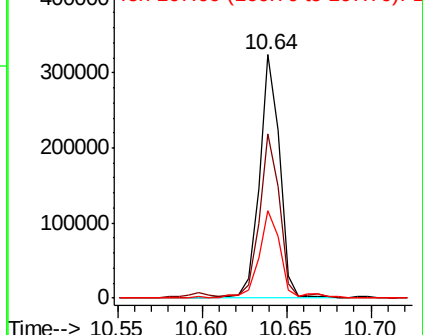
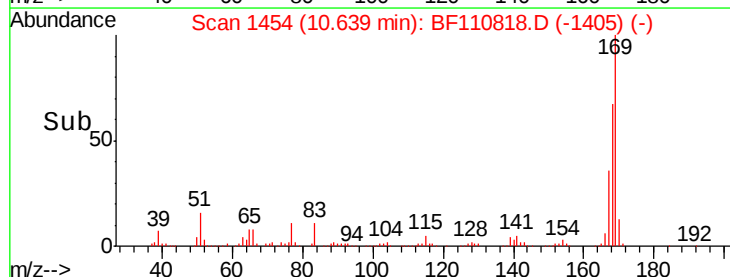
167 35.8 27.8 41.6

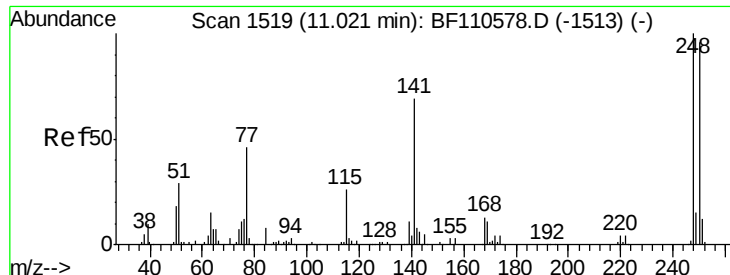


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.767 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

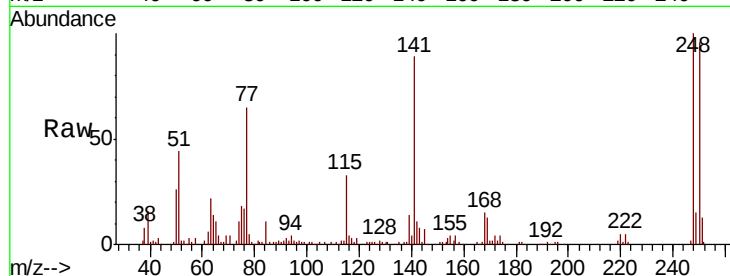
Tot Ion:248 Resp: 82293

Ion Ratio Lower Upper

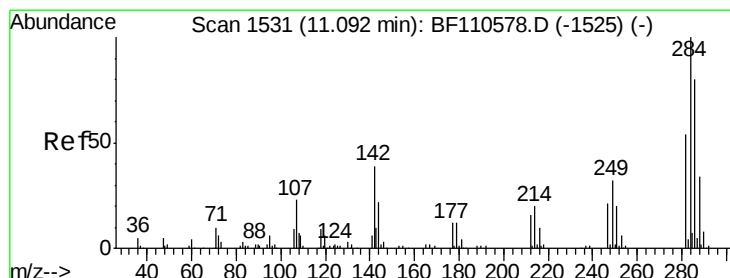
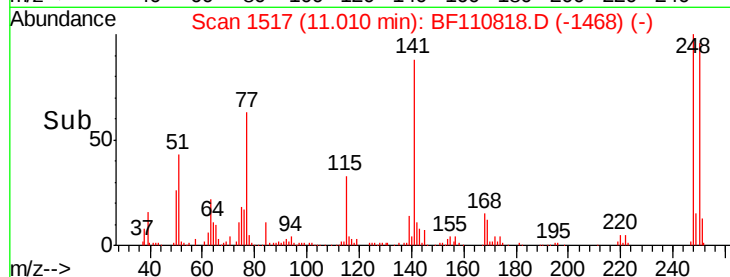
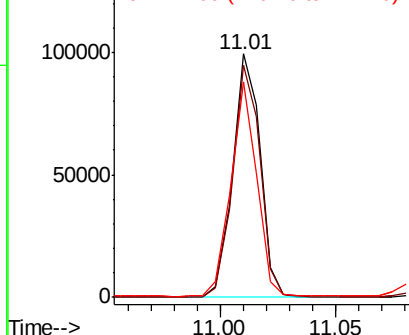
248 100

250 95.6 79.4 119.2

141 88.7 55.9 83.9#



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



#68

Hexachlorobenzene

Concen: 34.884 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

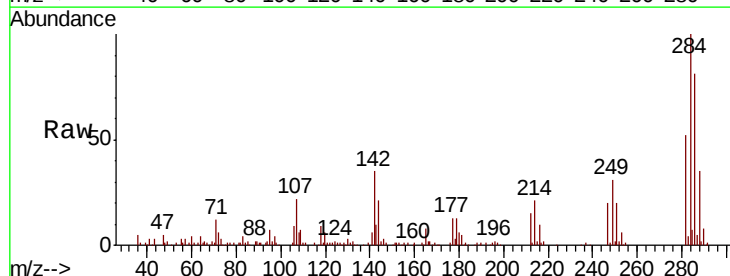
Tgt Ion:284 Resp: 82321

Ion Ratio Lower Upper

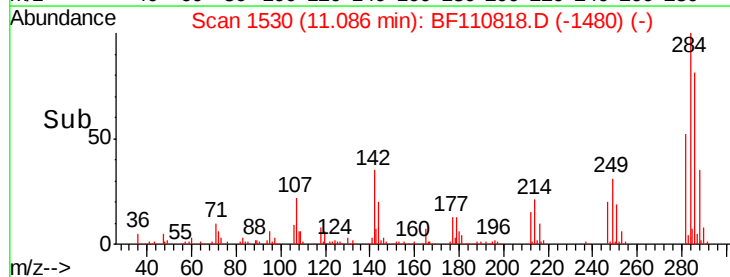
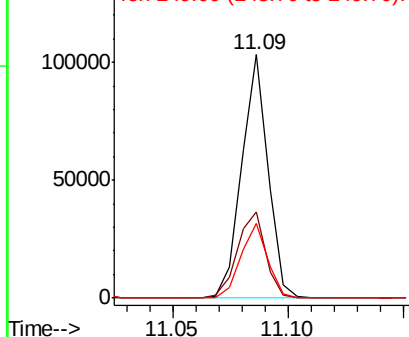
284 100

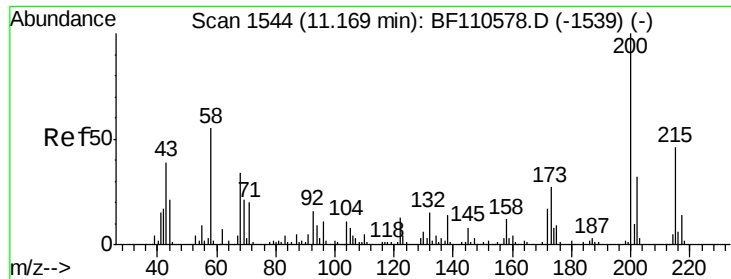
142 35.2 23.9 35.9

249 30.7 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

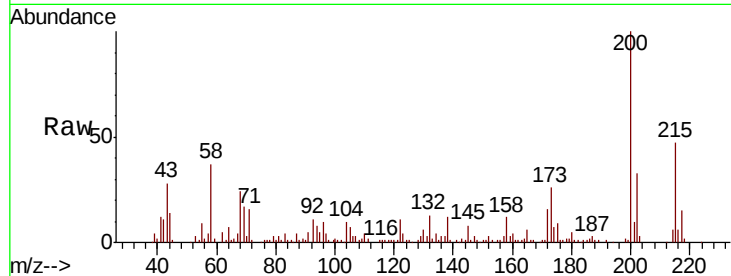




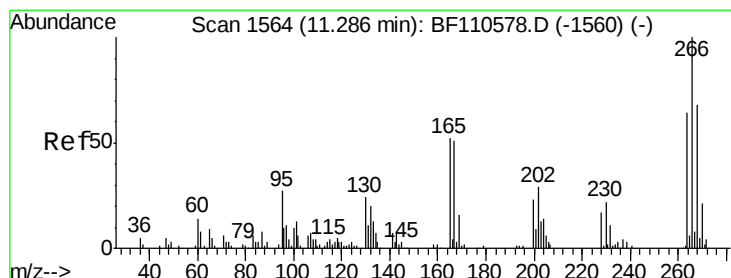
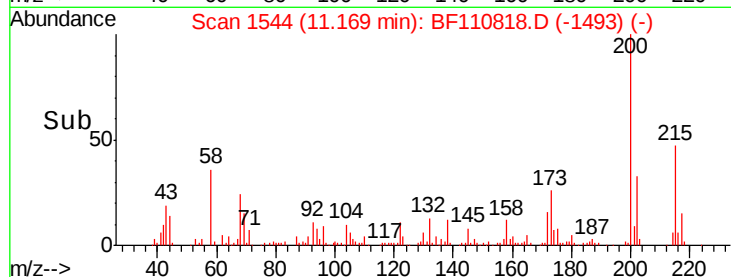
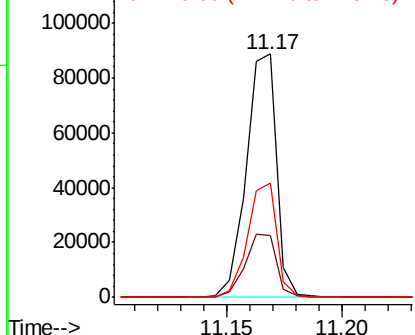
#69
 Atrazine
 Concen: 38.885 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 81161
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.6 46.6
 215 46.9 26.3 66.3

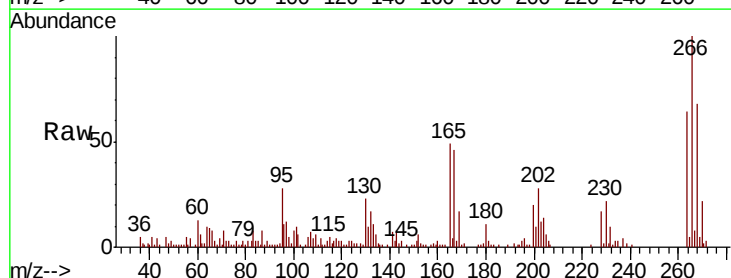


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

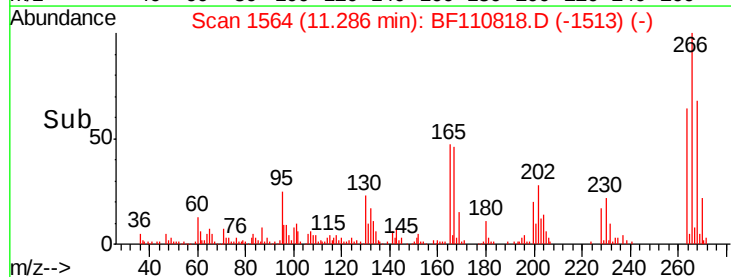
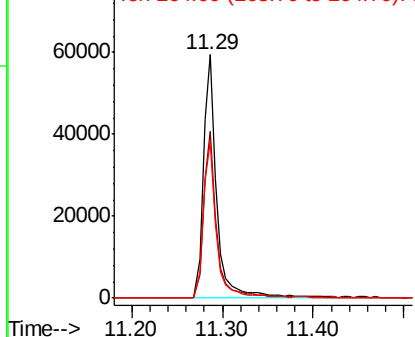


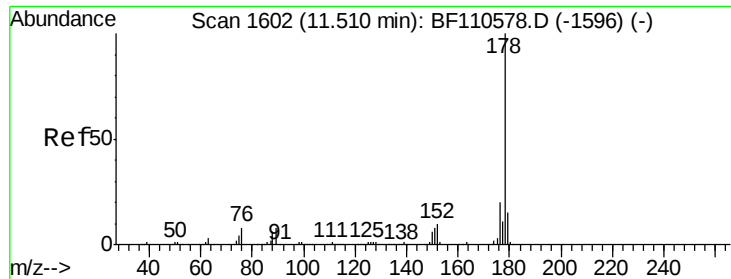
#70
 Pentachlorophenol
 Concen: 49.489 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion:266 Resp: 62315
 Ion Ratio Lower Upper
 266 100
 268 68.3 50.6 75.8
 264 64.1 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

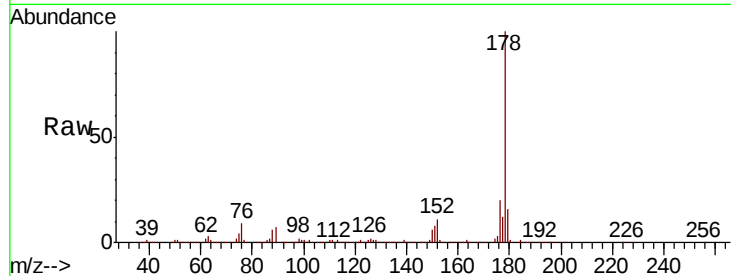




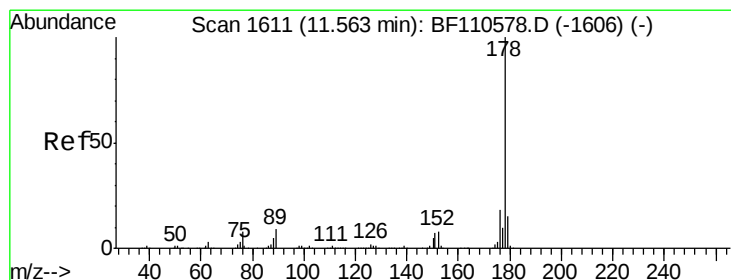
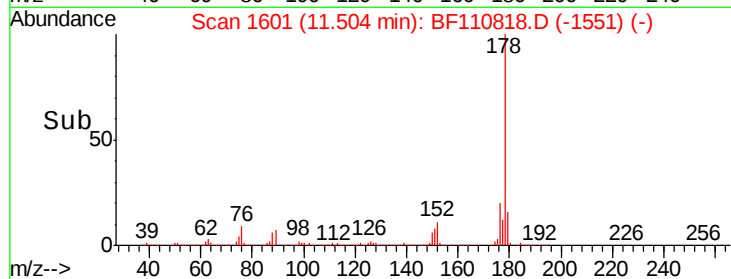
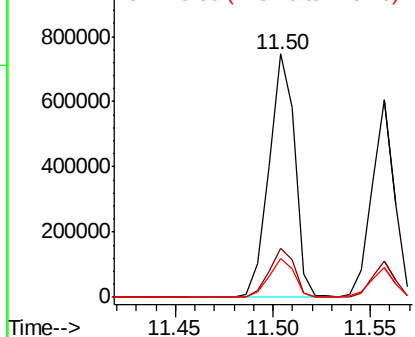
#71
Phenanthrene
Concen: 62.656 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 679824
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.9 12.5 18.7

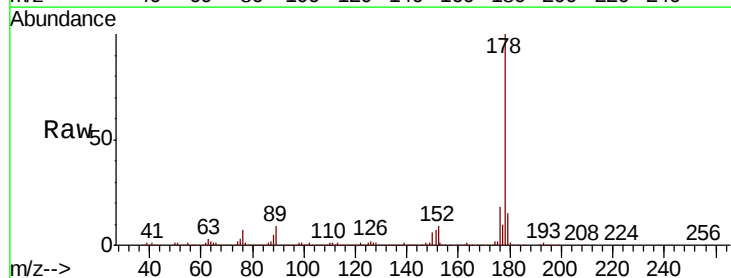


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

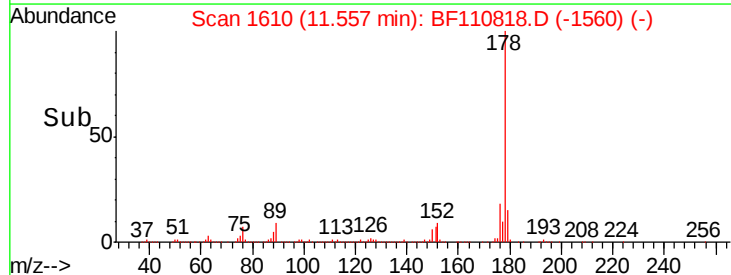
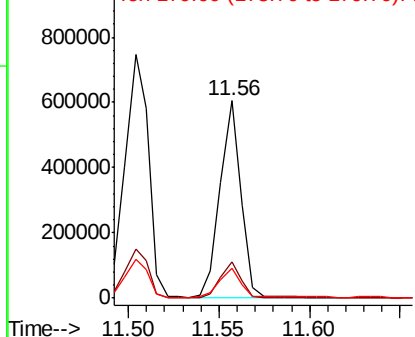


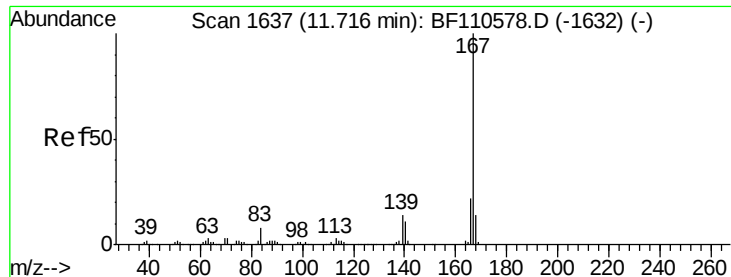
#72
Anthracene
Concen: 44.449 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:178 Resp: 486495
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.4 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

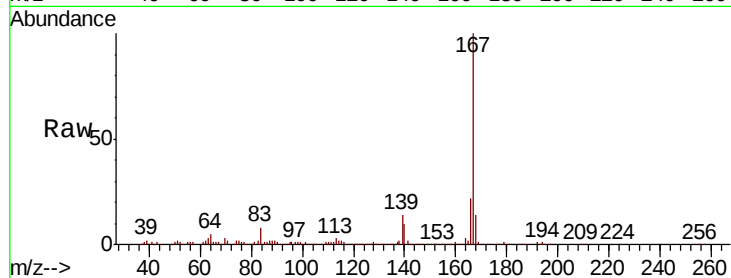




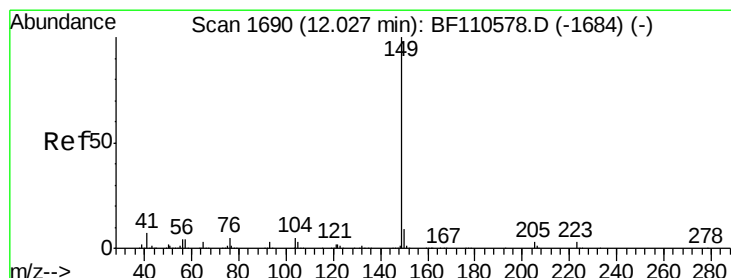
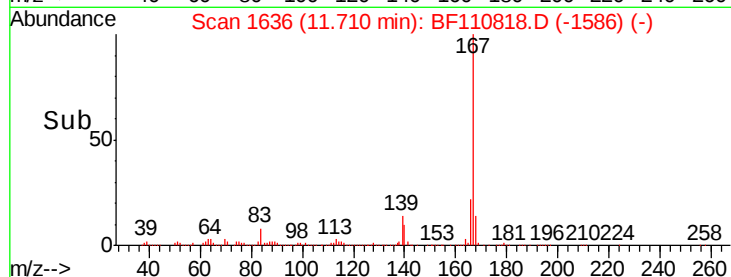
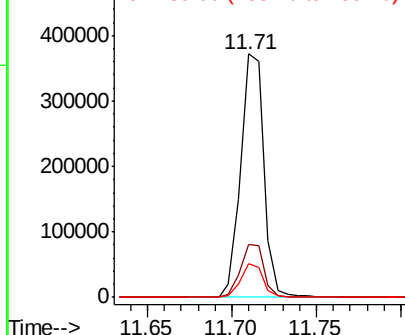
#73
 Carbazole
 Concen: 33.834 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 355642
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.8 10.9 16.3

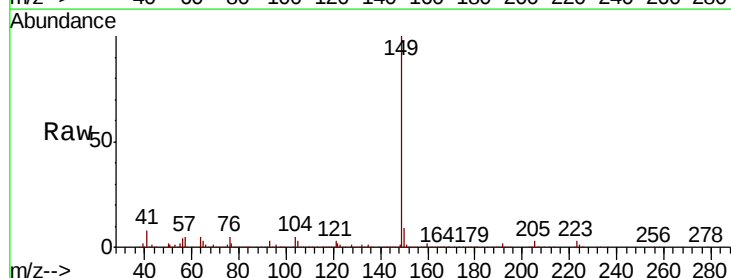


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

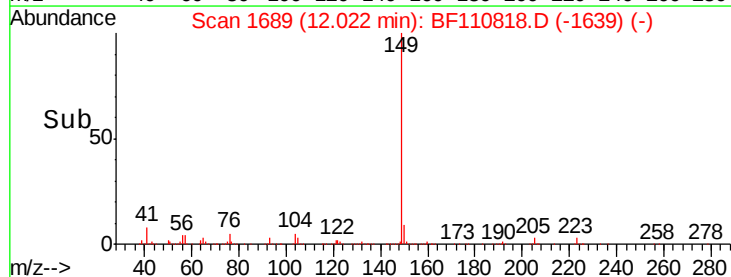
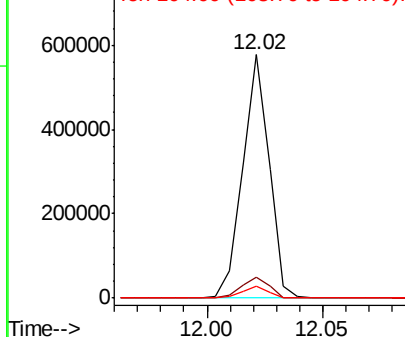


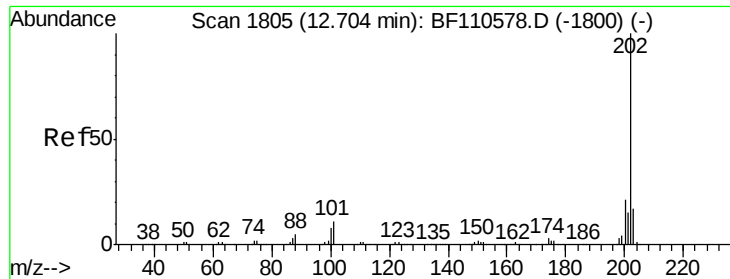
#74
 Di-n-butylphthalate
 Concen: 37.283 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion:149 Resp: 459561
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.7 11.5
 104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 62.815 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampled :

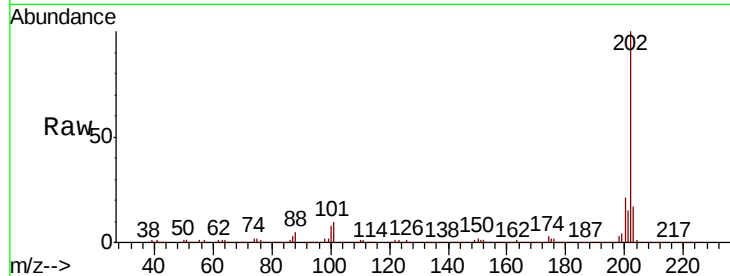
Tot Ion:202 Resp: 683294

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 17.4 0.0 37.7

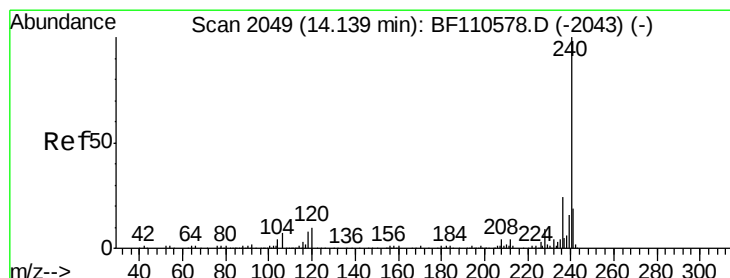
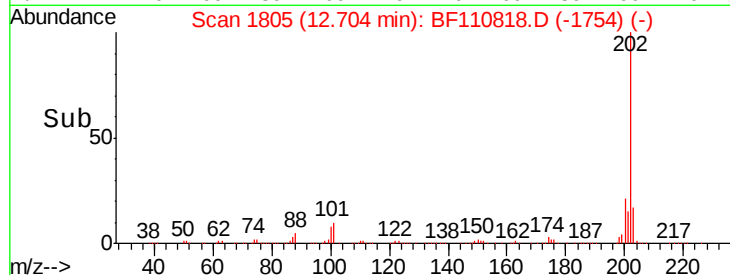
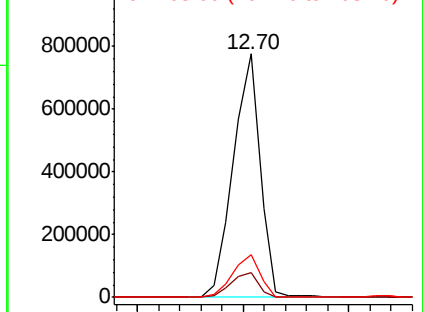


Abundance

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# 2048

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

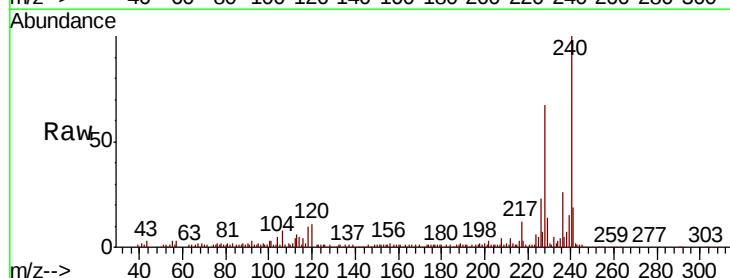
Tgt Ion:240 Resp: 137079

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

236 25.5 21.2 31.8

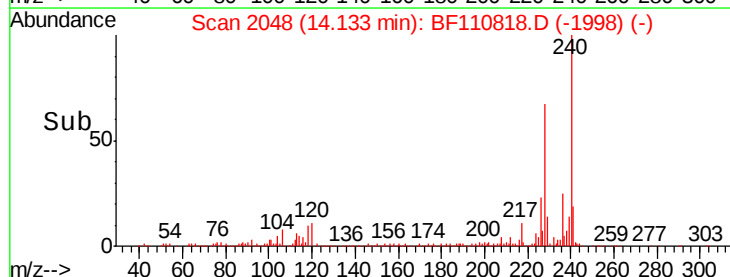
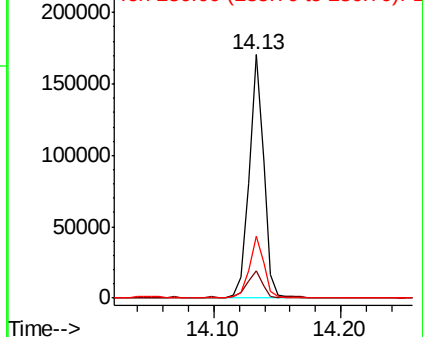


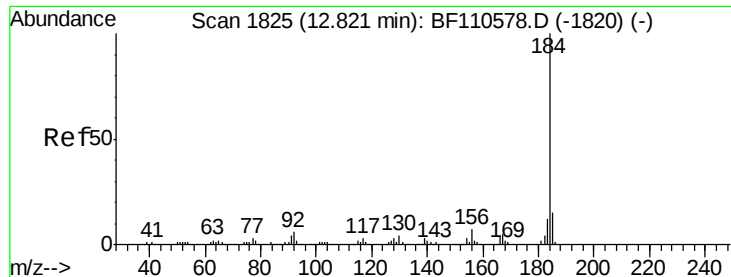
Abundance

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: 24.618 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

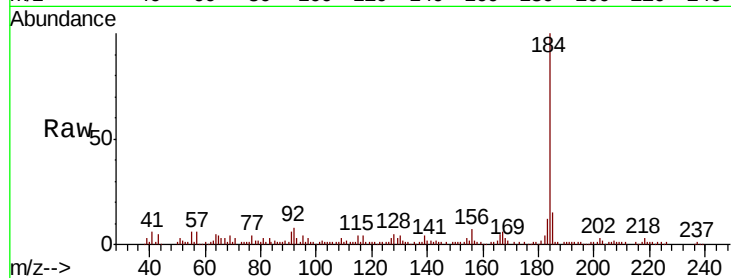
Tot Ion:184 Resp: 92804

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

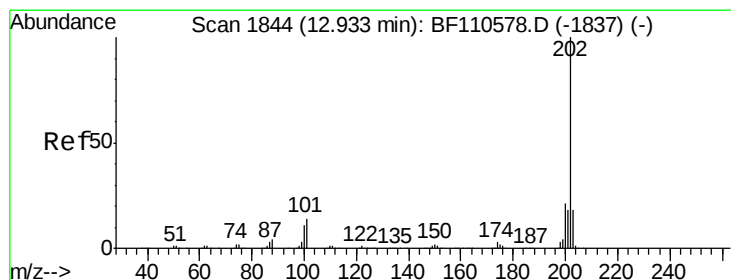
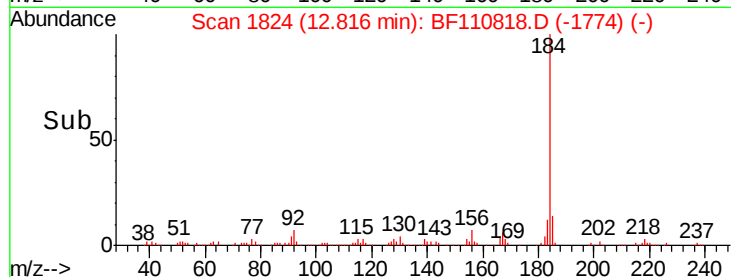
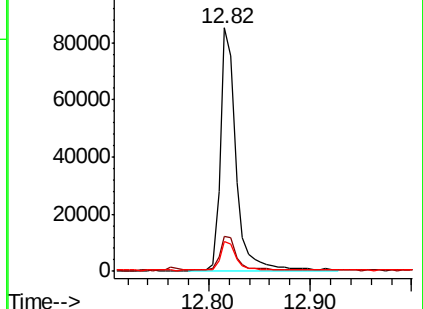
183 12.2 9.4 14.2



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: 62.076 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

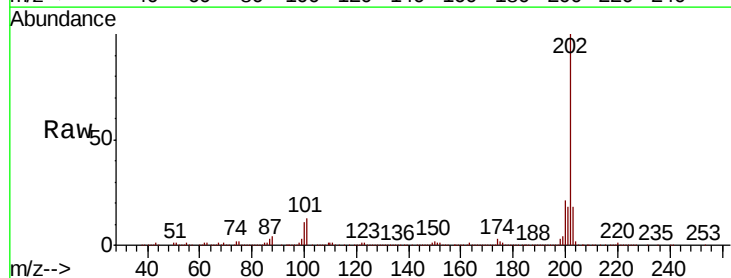
Tgt Ion:202 Resp: 655199

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

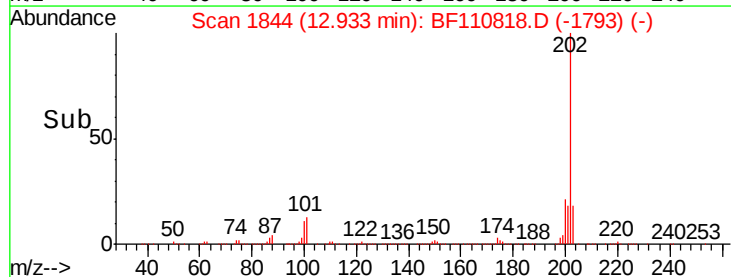
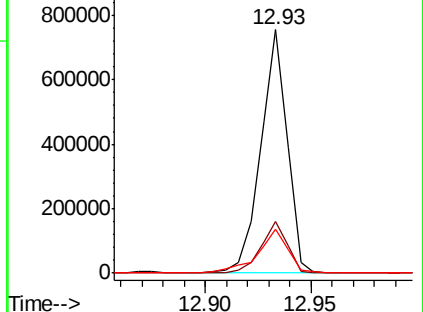
203 18.0 14.2 21.4

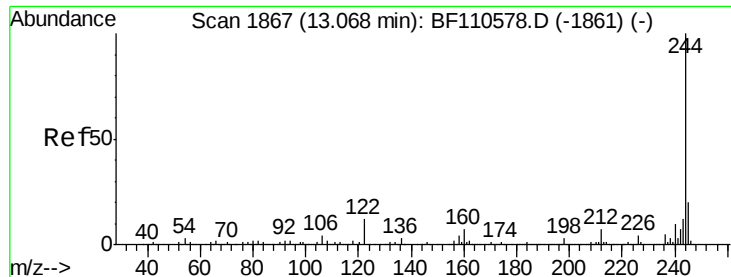


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.894 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

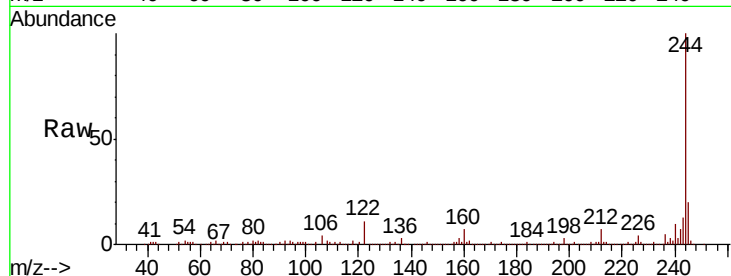
Tot Ion:244 Resp: 570155

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

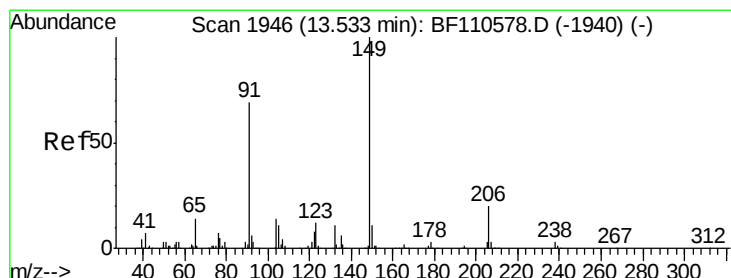
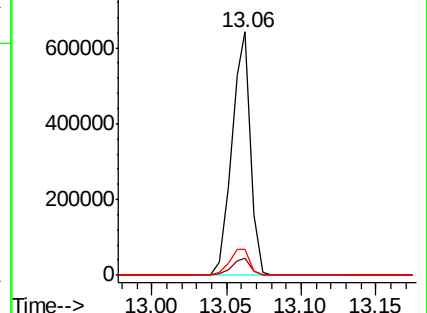
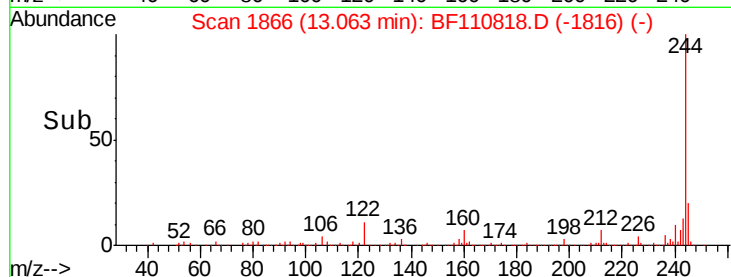
122 10.6 8.7 13.1



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: 34.159 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

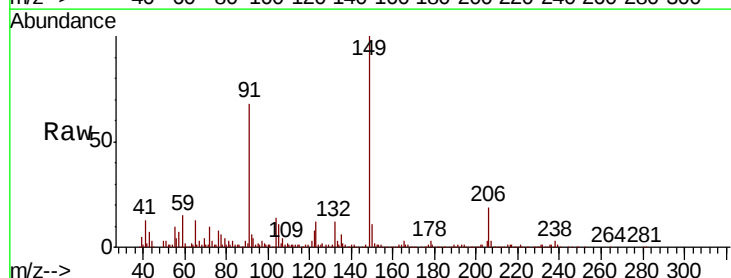
Tgt Ion:149 Resp: 155182

Ion Ratio Lower Upper

149 100

91 68.4 57.2 85.8

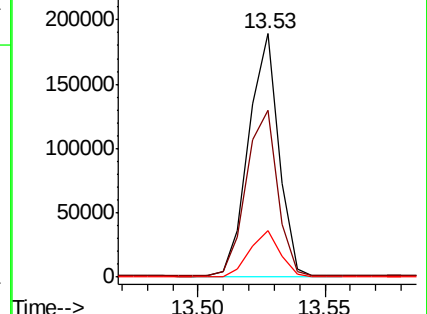
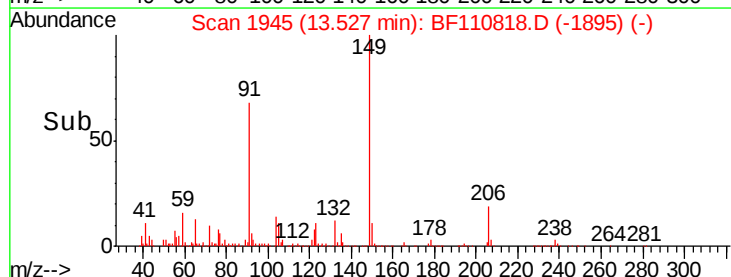
206 19.2 15.7 23.5

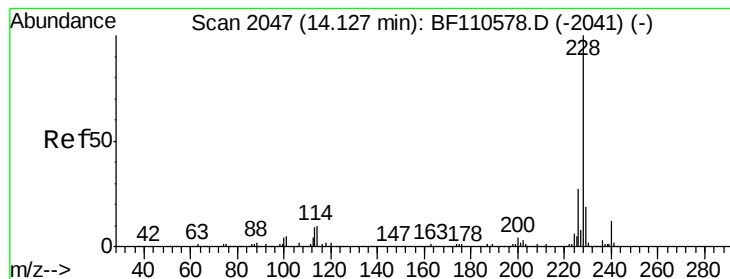


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.370 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

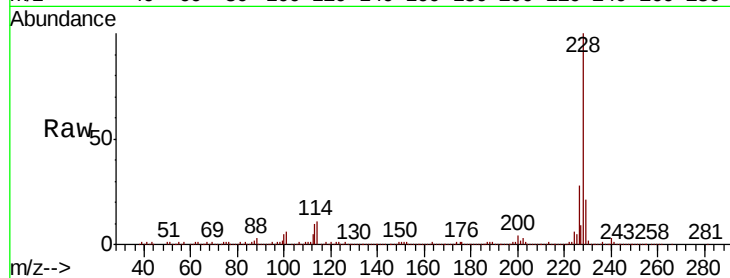
Tot Ion:228 Resp: 470055

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

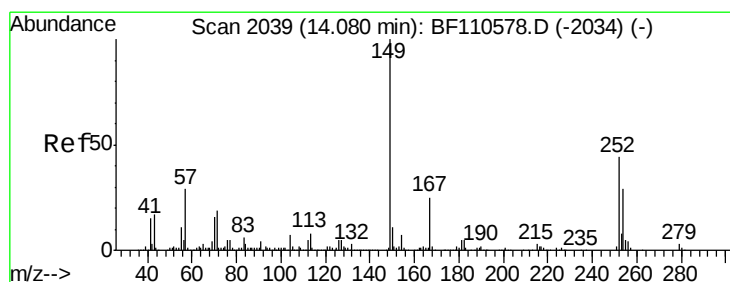
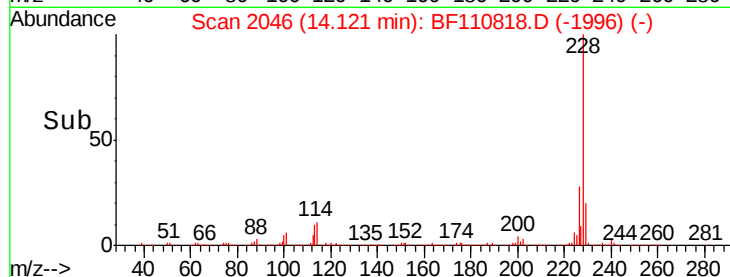
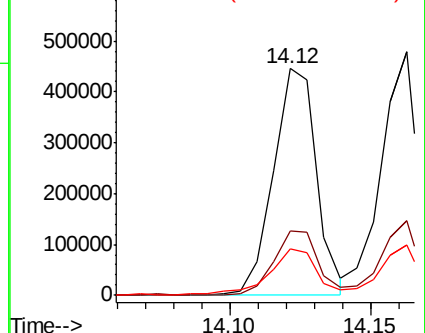
229 20.6 15.6 23.4



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: 29.441 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

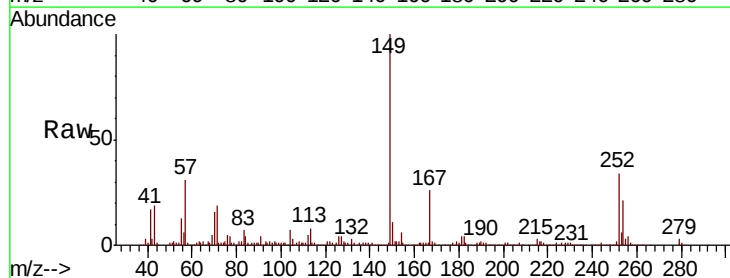
Tgt Ion:252 Resp: 80807

Ion Ratio Lower Upper

252 100

254 61.8 51.3 76.9

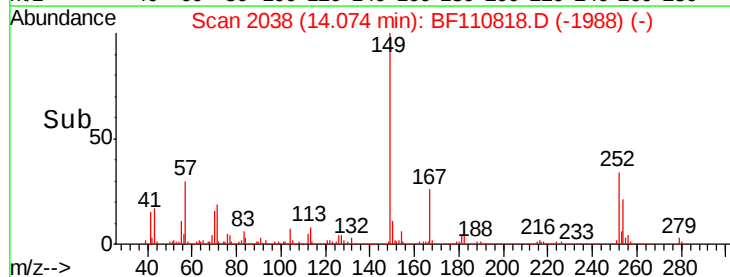
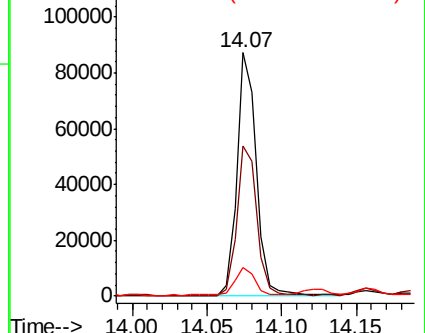
126 11.8 9.4 14.2

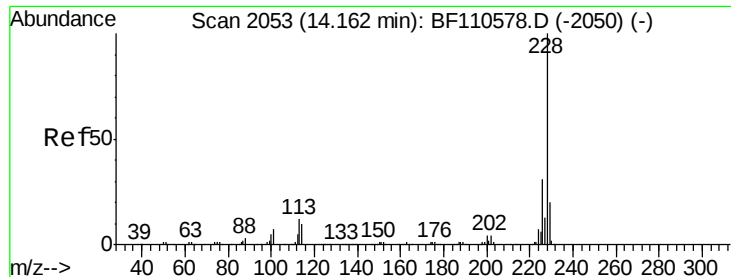


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 55.406 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

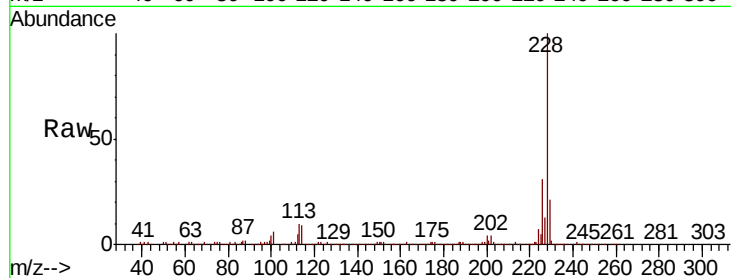
Tot Ion:228 Resp: 432489

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

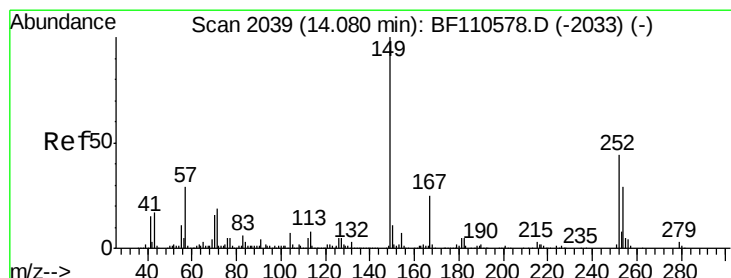
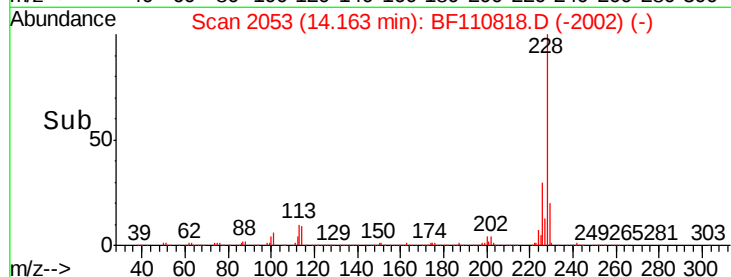
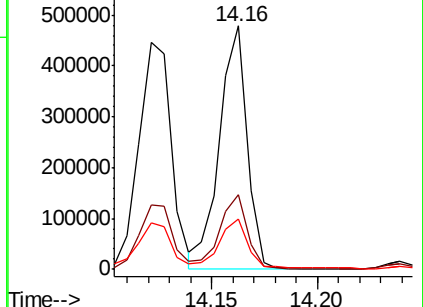
229 20.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.801 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

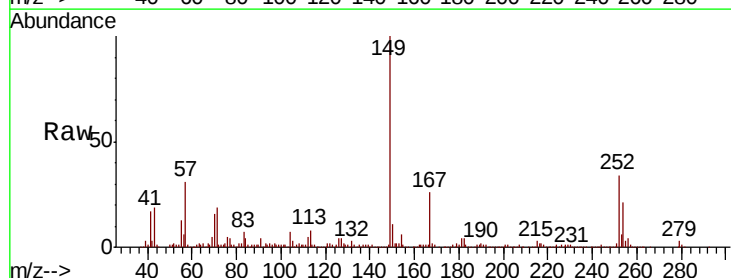
Tgt Ion:149 Resp: 218663

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

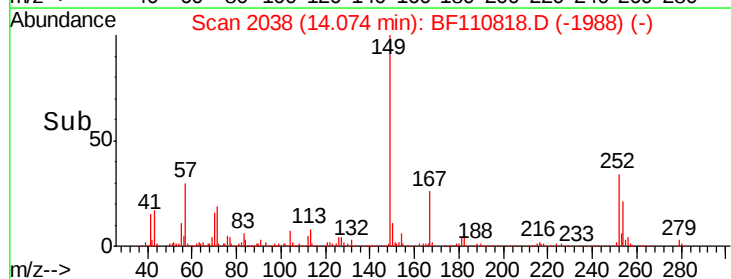
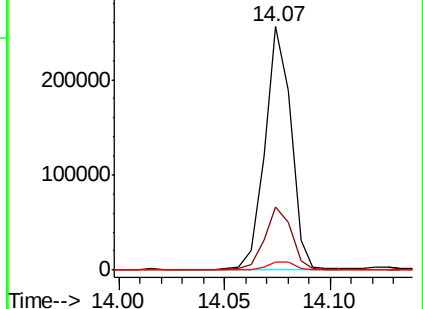
279 3.4 2.7 4.1

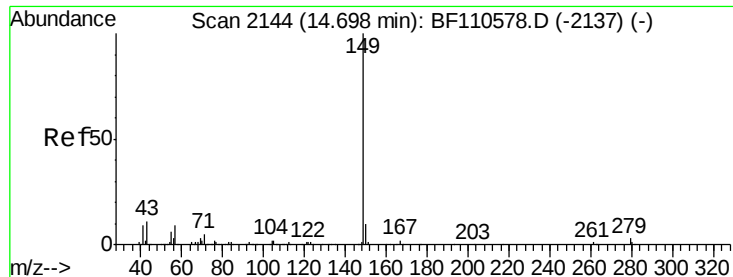


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

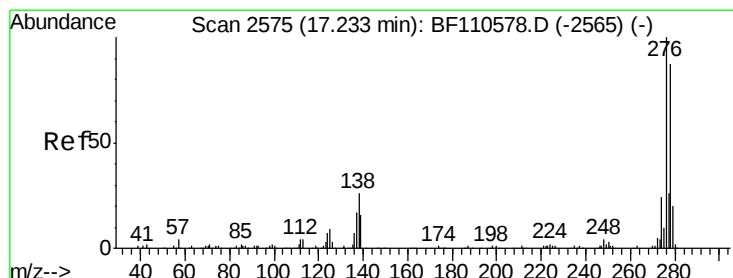
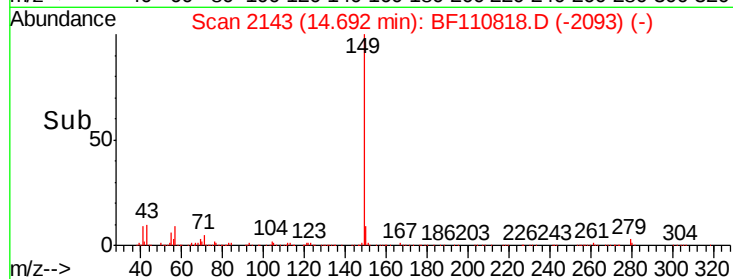
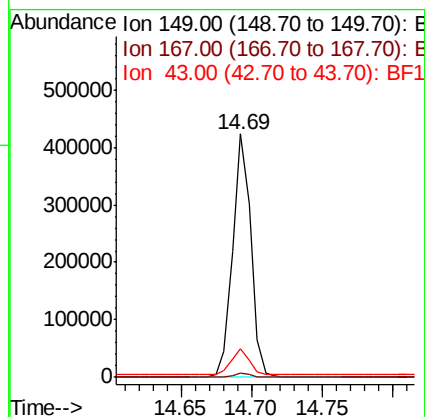
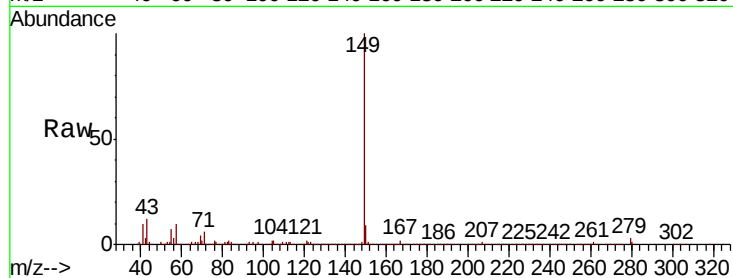




#85
Di-n-octyl phthalate
Concen: 45.279 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

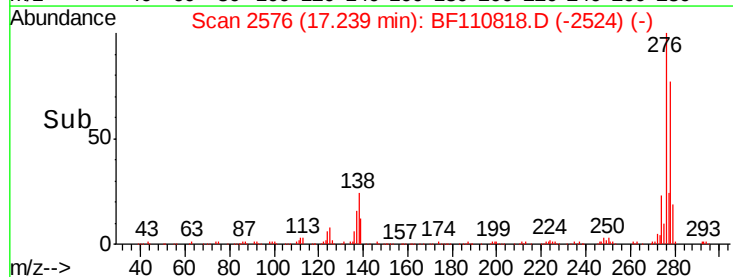
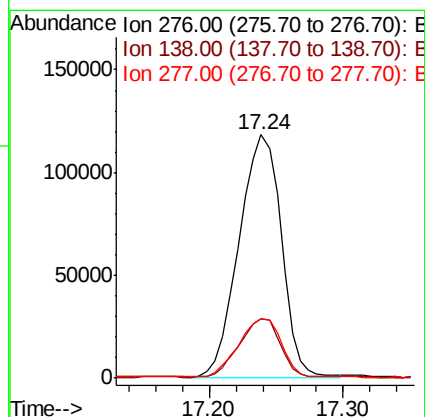
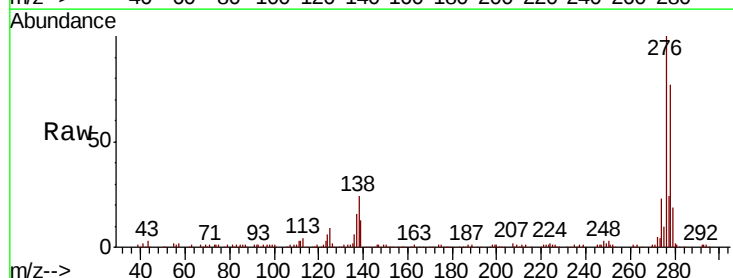
Instrument :
BNA_F
ClientSampled :

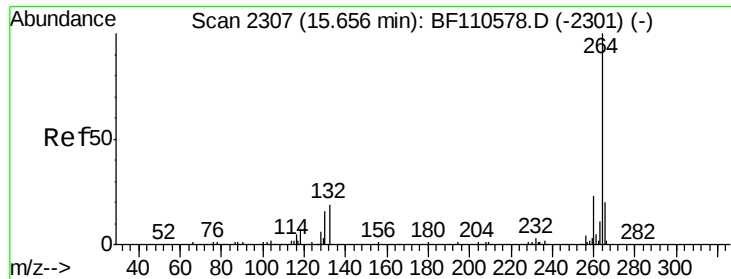
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.6	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.197 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	24.7	20.0	30.0



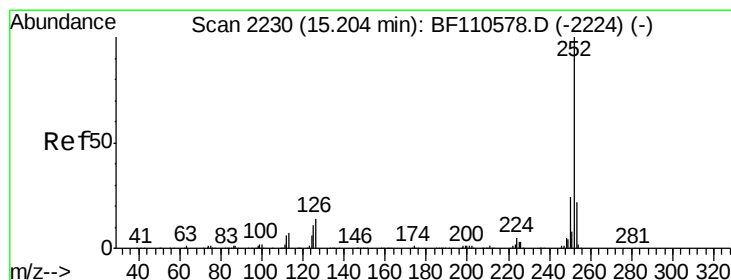
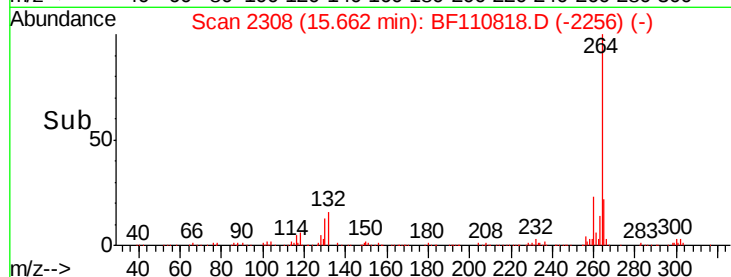
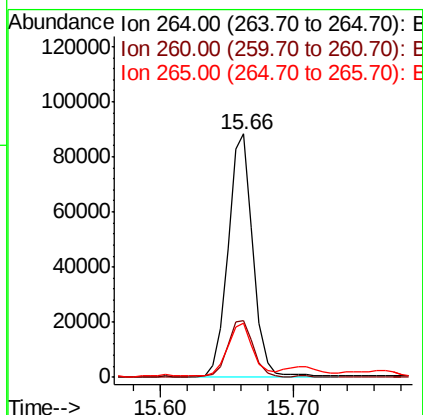
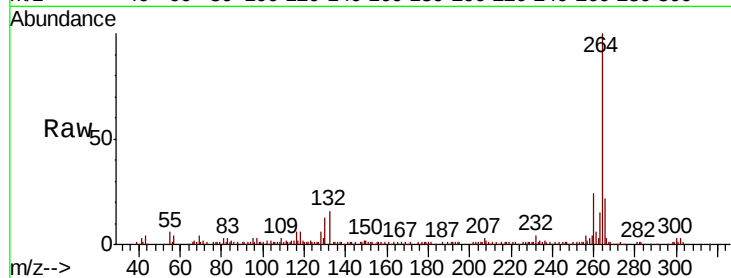


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 115851

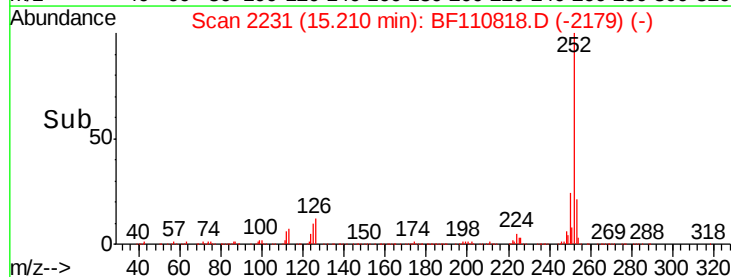
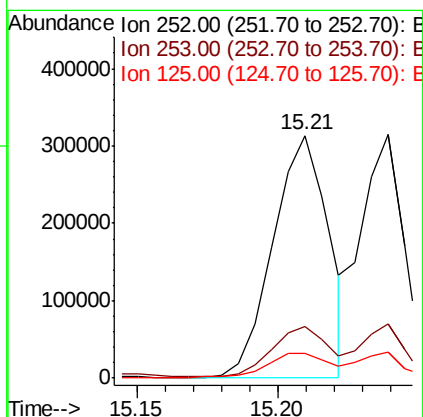
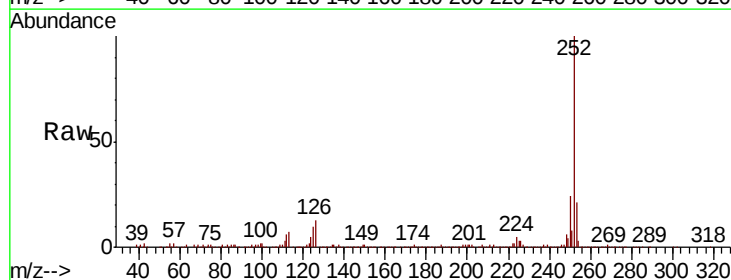
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.3	16.7	25.1

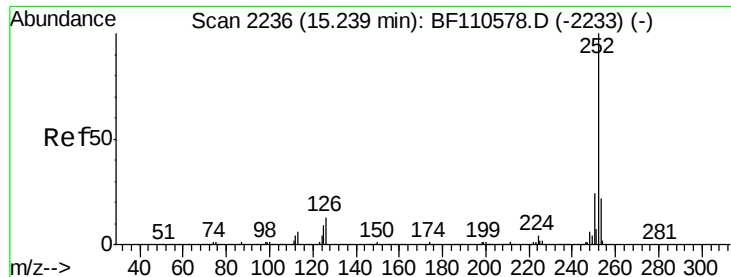


#88
Benzo(b)fluoranthene
Concen: 61.158 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:252 Resp: 423864

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.3	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 48.088 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

ClientSampleId :

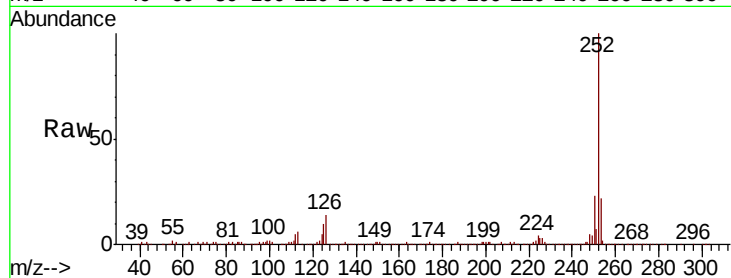
Tot Ion:252 Resp: 329317

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

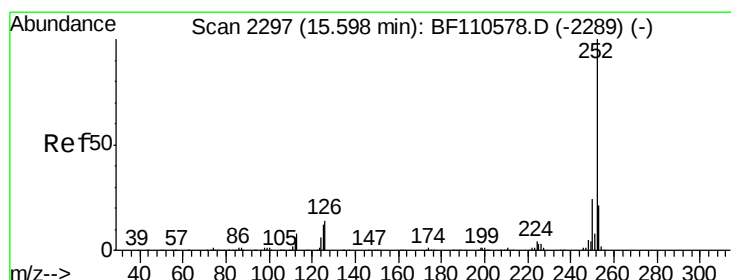
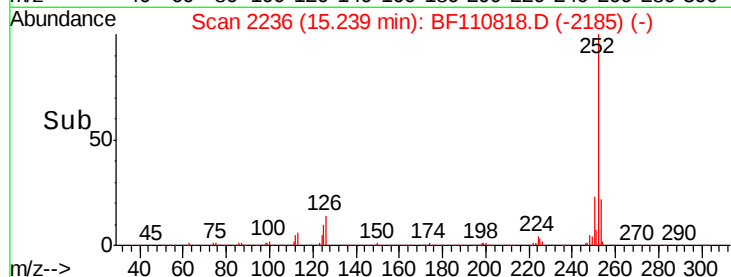
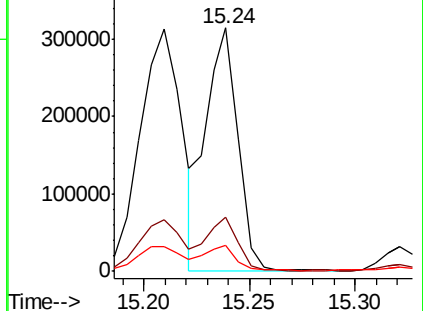
125 10.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 57.553 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

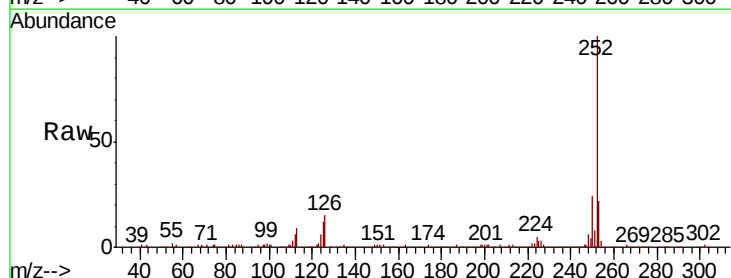
Tgt Ion:252 Resp: 362410

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

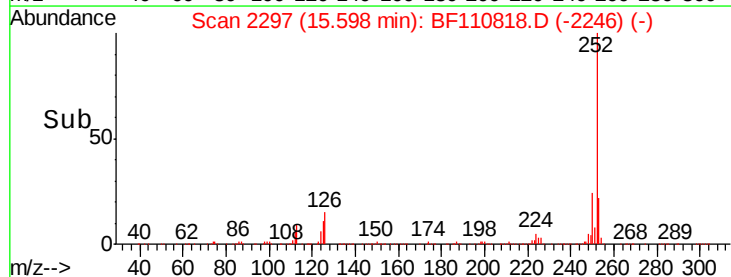
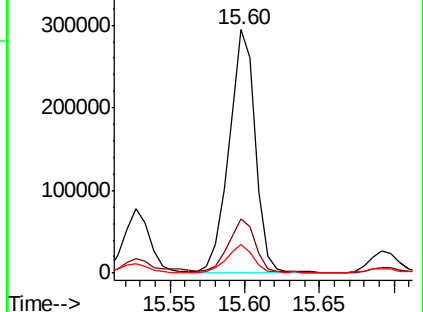
125 11.8 9.0 13.6

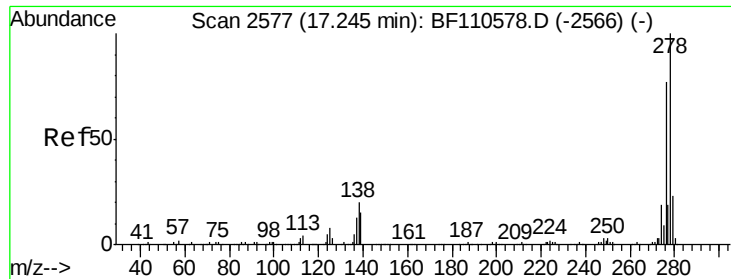


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 33.673 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

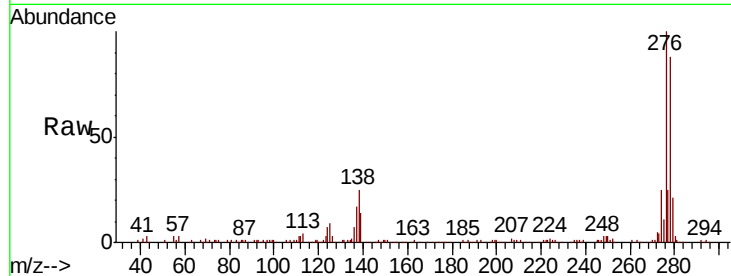
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 179437

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	23.5	19.0	28.4

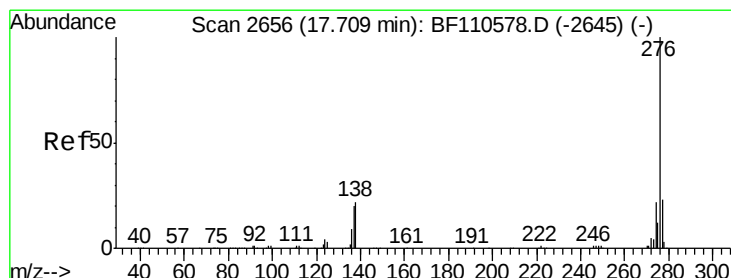
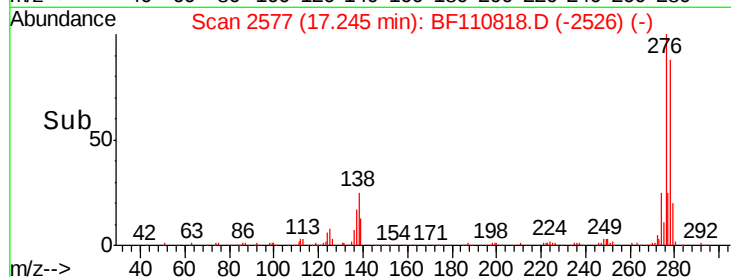
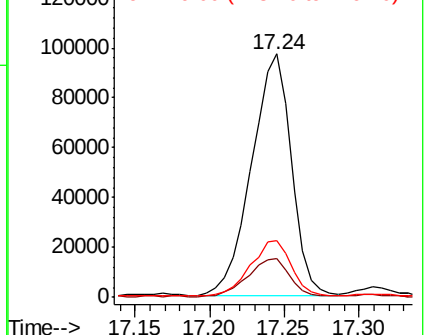


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.607 ng

RT: 17.72 min Scan# 2658

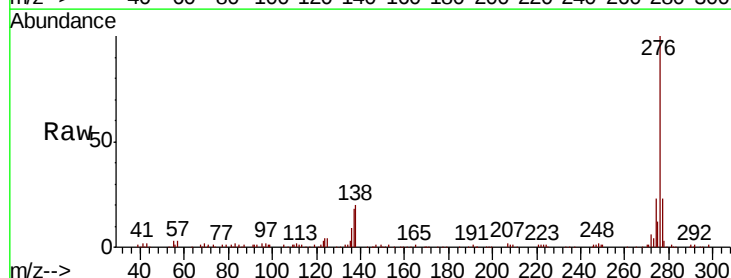
Delta R.T. 0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:276 Resp: 214697

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	19.9	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

