

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110033.D
 Acq On : 20 Oct 2018 6:03
 Operator : JU/SJ
 Sample : PB113927BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 06:47:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	213879	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	845306	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	366022	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	581626	20.00	ng	0.00
76) Chrysene-d12	14.15	240	372134	20.00	ng	0.00
87) Perylene-d12	15.67	264	315538	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1176008	87.16	ng	0.02
7) Phenol-d6	6.60	99	1461341	87.22	ng	0.00
23) Nitrobenzene-d5	7.54	82	1293122	103.05	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	279697	88.26	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2154906	93.94	ng	0.00
79) Terphenyl-d14	13.09	244	1447812	81.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	215419	28.110	ng	91
3) Pyridine	3.70	79	637784	37.329	ng	# 86
4) n-Nitrosodimethylamine	3.67	42	314507	45.125	ng	95
6) Aniline	6.63	93	517008	22.898	ng	# 53
8) 2-Chlorophenol	6.76	128	645121	42.684	ng	97
9) Benzaldehyde	6.52	77	266727	24.498	ng	97
10) Phenol	6.61	94	758229	41.916	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	606194	40.079	ng	92
12) 1,3-Dichlorobenzene	6.91	146	669800	40.415	ng	97
13) 1,4-Dichlorobenzene	6.99	146	676324	40.521	ng	98
14) 1,2-Dichlorobenzene	7.15	146	624073	40.604	ng	99
15) Benzyl Alcohol	7.11	79	557000	43.212	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	985090	39.681	ng	68
17) 2-Methylphenol	7.22	107	523425	42.948	ng	# 82
18) Hexachloroethane	7.48	117	240074	40.702	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	424808	39.489	ng	97
20) 3+4-Methylphenols	7.37	107	633954	40.991	ng	96
22) Acetophenone	7.38	105	851971	43.461	ng	97
24) Nitrobenzene	7.56	77	636167	46.668	ng	94
25) Isophorone	7.79	82	1193498	48.406	ng	96
26) 2-Nitrophenol	7.87	139	312450	55.281	ng	95
27) 2,4-Dimethylphenol	7.90	122	577229	48.604	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	745712	44.069	ng	100
29) 2,4-Dichlorophenol	8.11	162	506622	43.974	ng	100
30) 1,2,4-Trichlorobenzene	8.19	180	551325	42.739	ng	96
31) Naphthalene	8.28	128	1724098	44.478	ng	99
32) Benzoic acid	8.02	122	243571	32.917	ng	89
33) 4-Chloroaniline	8.32	127	116824	6.704	ng	96
34) Hexachlorobutadiene	8.39	225	302958	42.590	ng	100
35) Caprolactam	8.71	113	128684	31.451	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	531468	43.728	ng	96
37) 2-Methylnaphthalene	8.97	142	1168262	46.544	ng	99
38) 1-Methylnaphthalene	9.07	142	1109821	45.631	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	498998	44.261	ng	99

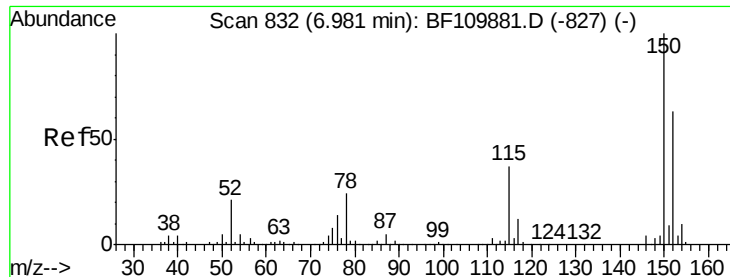
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110033.D
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 06:47:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	301724	55.450	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	330808	46.927	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	335982	45.921	nq	95
46) 1,1'-Biphenyl	9.43	154	1386384	42.513	nq	99
47) 2-Chloronaphthalene	9.46	162	1035447	43.106	nq	99
48) 2-Nitroaniline	9.56	65	324009	52.560	nq	95
49) Acenaphthylene	9.88	152	1571555	45.035	nq	97
50) Dimethylphthalate	9.73	163	1207846	46.603	nq	100
51) 2,6-Dinitrotoluene	9.80	165	261635	53.149	nq	90
52) Acenaphthene	10.05	154	979745	44.099	nq	98
53) 3-Nitroaniline	9.96	138	154179	25.748	nq	98
54) 2,4-Dinitrophenol	10.07	184	56044	40.667	nq	86
55) Dibenzofuran	10.22	168	1361305	42.965	nq	99
56) 4-Nitrophenol	10.12	139	376681	82.441	nq	96
57) 2,4-Dinitrotoluene	10.20	165	327597	52.236	nq	# 83
58) Fluorene	10.57	166	1038807	45.039	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	259571	44.765	nq	95
60) Diethylphthalate	10.43	149	1129964	44.142	nq	97
61) 4-Chlorophenyl-phenylether	10.55	204	507583	42.247	nq	97
62) 4-Nitroaniline	10.59	138	230266	40.623	nq	89
63) Azobenzene	10.72	77	1098387	41.073	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	47245	26.634	nq	87
66) n-Nitrosodiphenylamine	10.67	169	930920	48.056	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	301382	47.813	nq	92
68) Hexachlorobenzene	11.11	284	298926	44.472	nq	# 90
69) Atrazine	11.20	200	302284	49.956	nq	99
70) Pentachlorophenol	11.30	266	249589	65.246	nq	97
71) Phenanthrene	11.53	178	1374783	45.657	nq	99
72) Anthracene	11.59	178	1409403	46.557	nq	100
73) Carbazole	11.74	167	1176659	39.549	nq	99
74) Di-n-butylphthalate	12.06	149	1591019	47.917	nq	100
75) Fluoranthene	12.72	202	1209516	40.209	nq	99
77) Benzidine	12.84	184	500027	35.045	nq	97
78) Pyrene	12.95	202	1185730	43.382	nq	99
80) Butylbenzylphthalate	13.56	149	541408	48.996	nq	98
81) Benzo(a)anthracene	14.14	228	1036911	47.305	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	286518	37.285	nq	100
83) Chrysene	14.18	228	961121	46.066	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	753274	51.807	nq	97
85) Di-n-octyl phthalate	14.73	149	1220170	59.523	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	740332	44.070	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	916380	50.374	nq	98
89) Benzo(k)fluoranthene	15.22	252	916380	51.107	nq	97
90) Benzo(a)pyrene	15.61	252	813493	48.622	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	625718	42.200	nq	99
92) Benzo(g,h,i)perylene	17.70	276	595864	39.774	nq	# 95

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

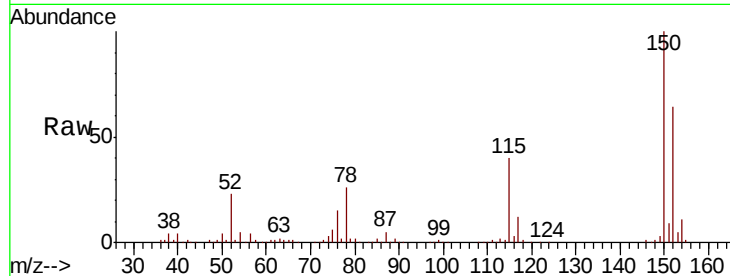


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	62.5	49.1	73.7

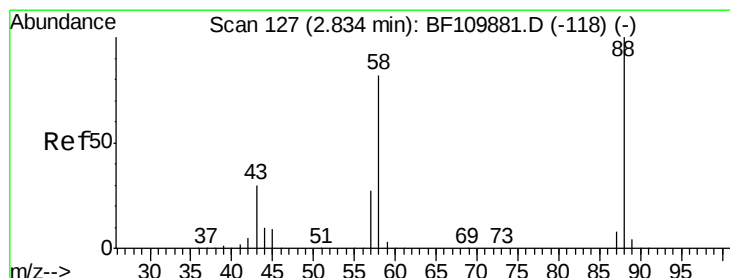
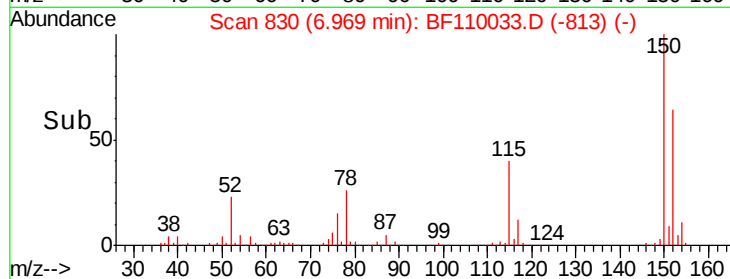
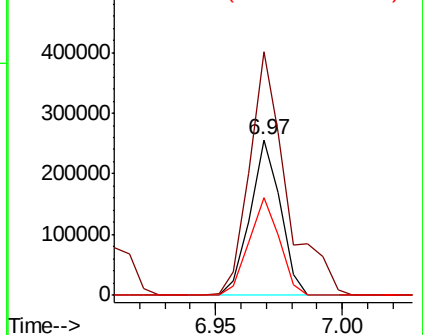


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

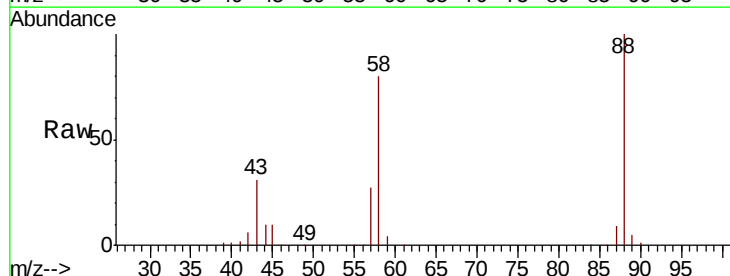
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.110 ng
RT: 2.95 min Scan# 147
Delta R.T. 0.13 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.1	85.7
43	30.6	24.1	36.1

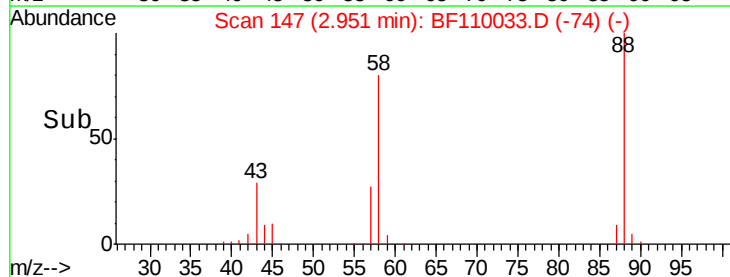
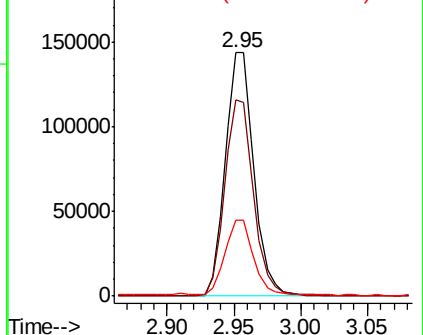


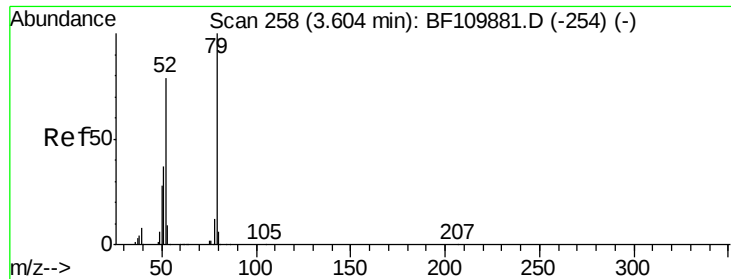
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.329 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.10 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

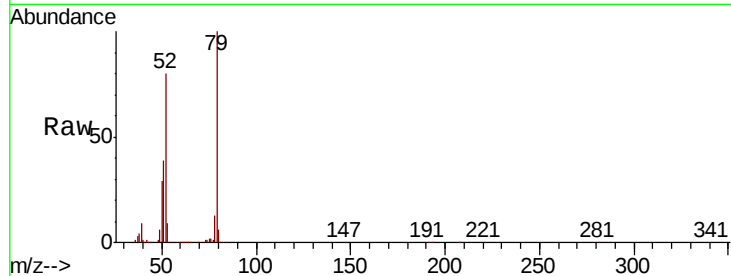
Tot Ion: 79 Resp: 637784

Ion Ratio Lower Upper

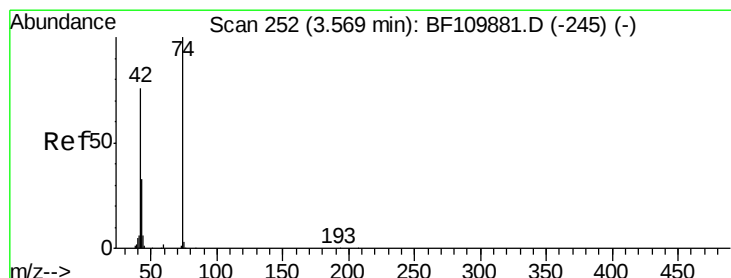
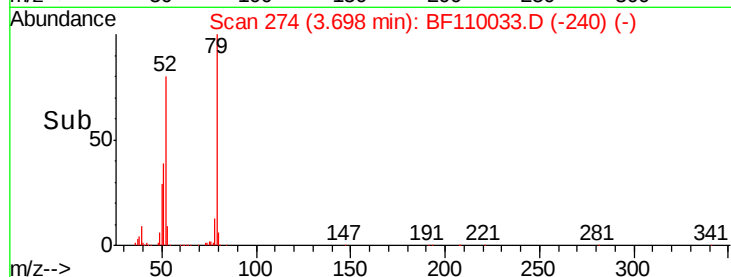
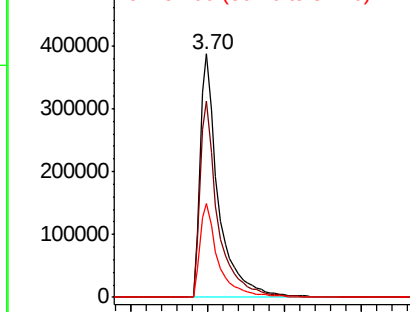
79 100

52 80.4 53.1 79.7#

51 38.7 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: 45.125 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.11 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

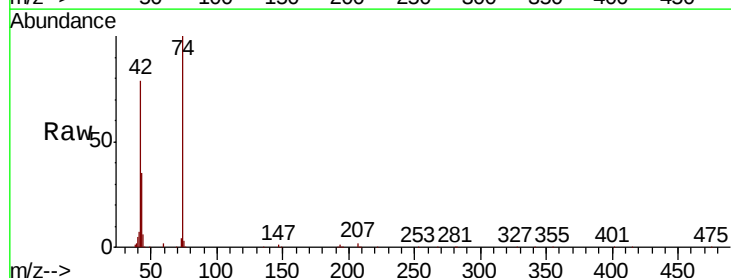
Tgt Ion: 42 Resp: 314507

Ion Ratio Lower Upper

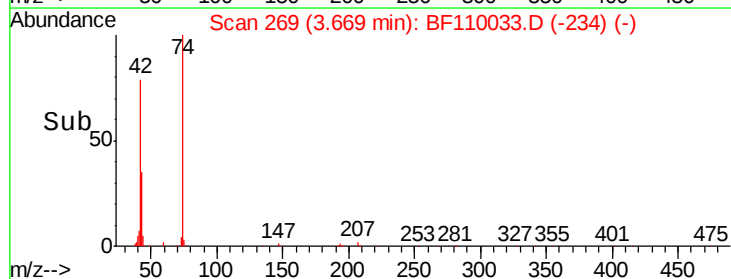
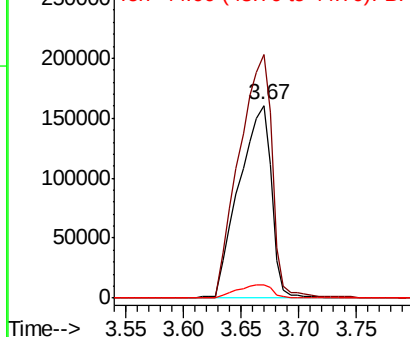
42 100

74 126.4 105.5 158.3

44 7.0 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: 87.158 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

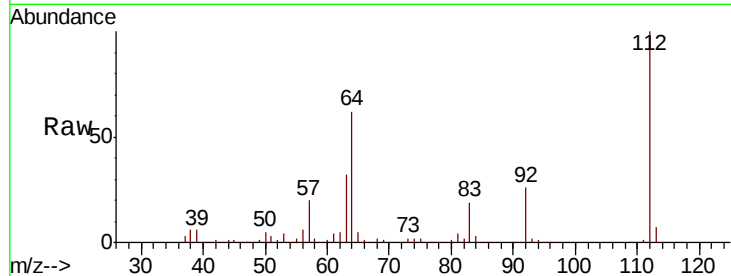
Tot Ion:112 Resp: 1176008

Ion Ratio Lower Upper

112 100

64 61.7 44.1 66.1

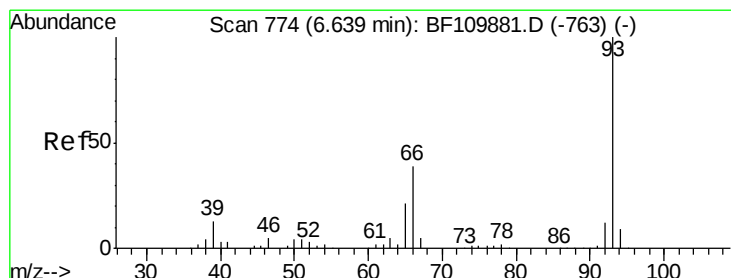
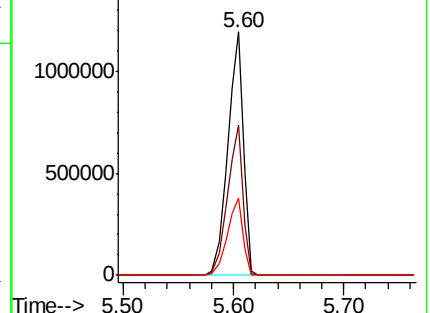
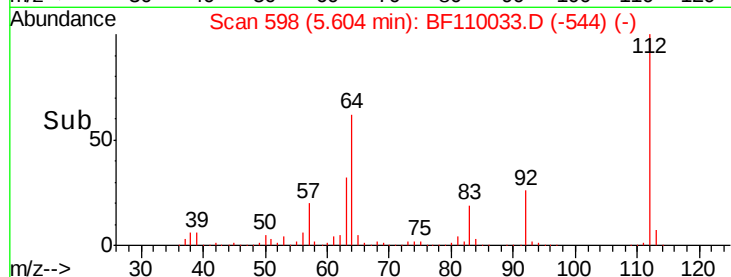
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.898 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

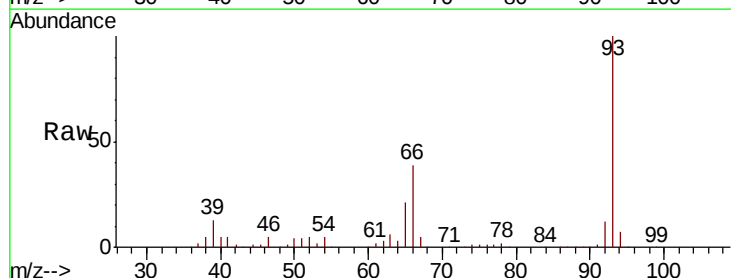
Tgt Ion: 93 Resp: 517008

Ion Ratio Lower Upper

93 100

66 39.3 67.4 101.0#

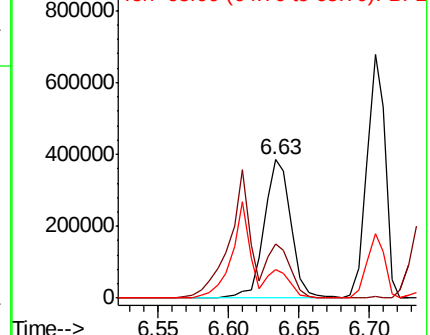
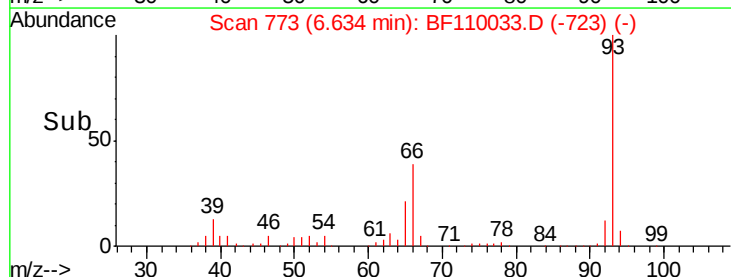
65 20.8 41.0 61.4#

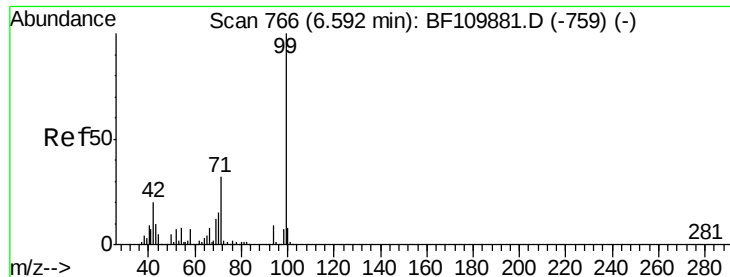


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.221 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampled :

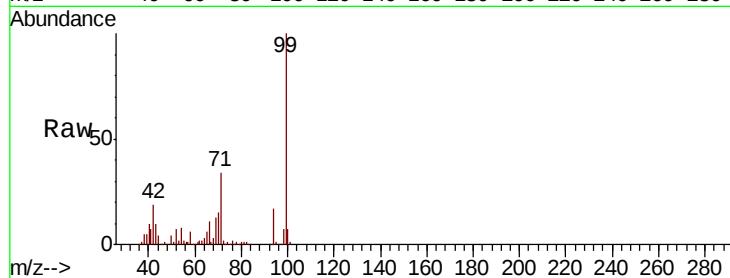
Tot Ion: 99 Resp: 1461341

Ion Ratio Lower Upper

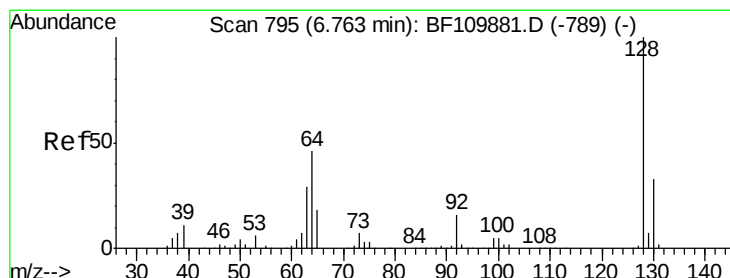
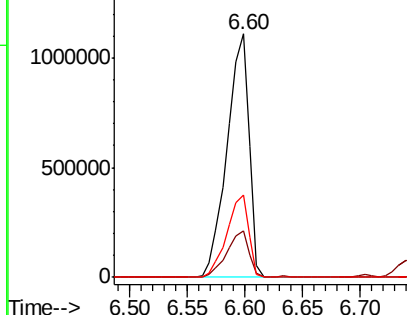
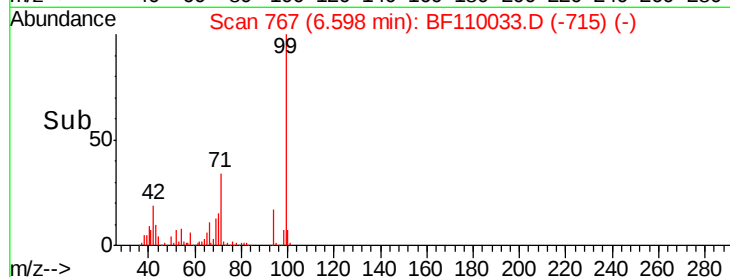
99 100

42 19.0 15.8 23.6

71 33.8 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: 42.684 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

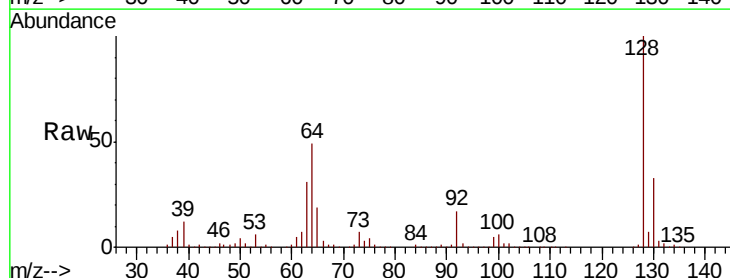
Tgt Ion: 128 Resp: 645121

Ion Ratio Lower Upper

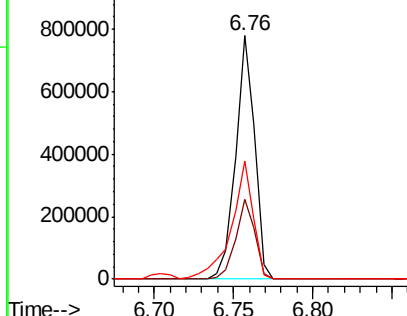
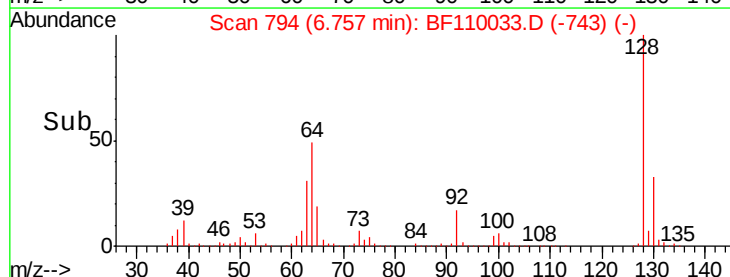
128 100

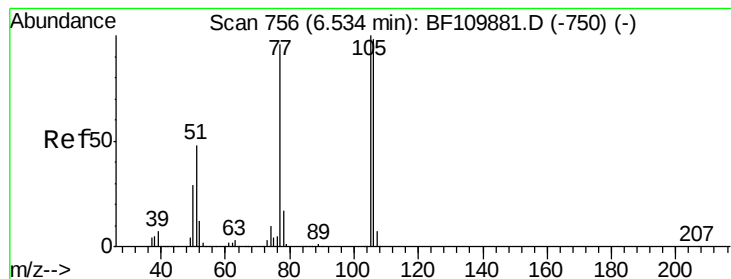
130 32.8 13.1 53.1

64 48.7 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: 24.498 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

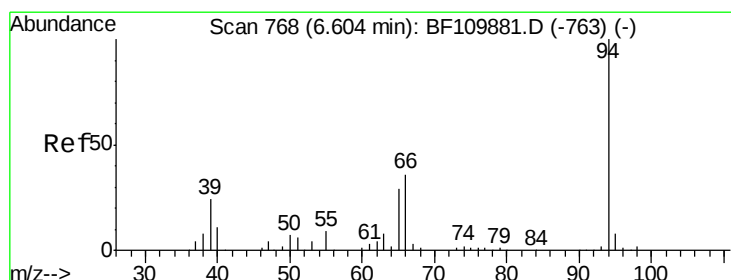
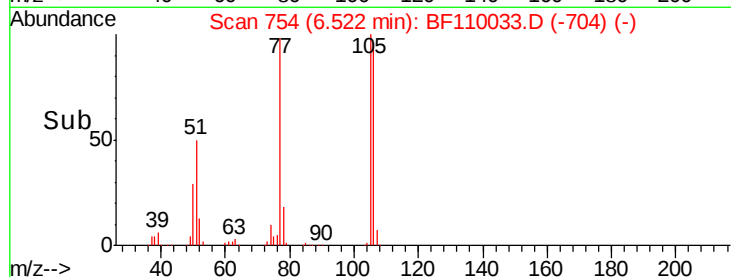
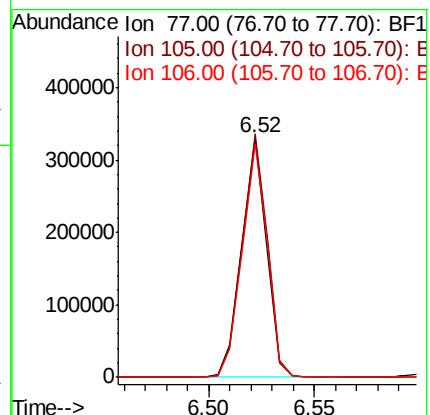
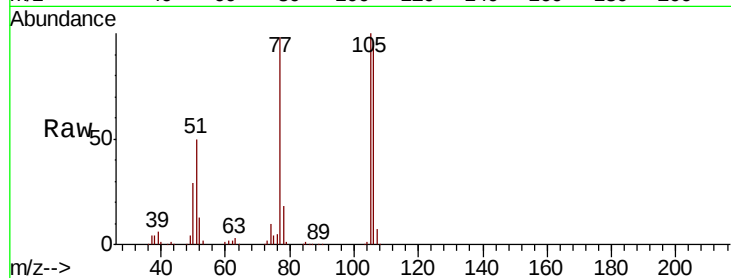
Tot Ion: 77 Resp: 266727

Ion Ratio Lower Upper

77 100

105 101.6 78.6 118.6

106 97.6 74.8 114.8



#10

Phenol

Concen: 41.916 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

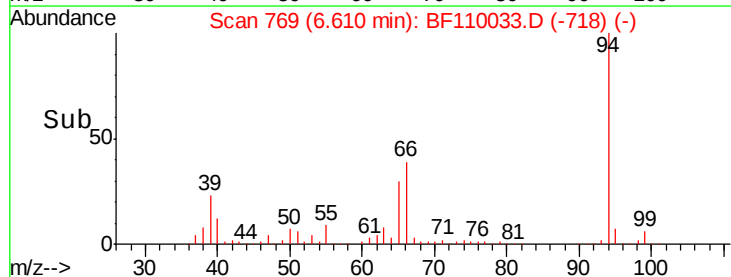
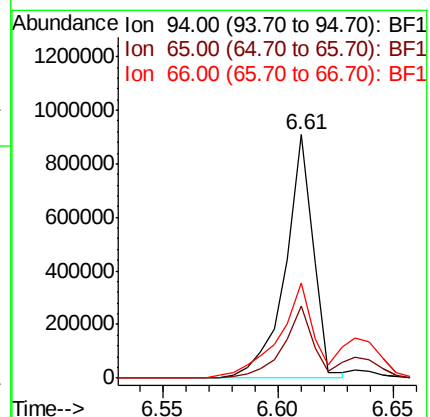
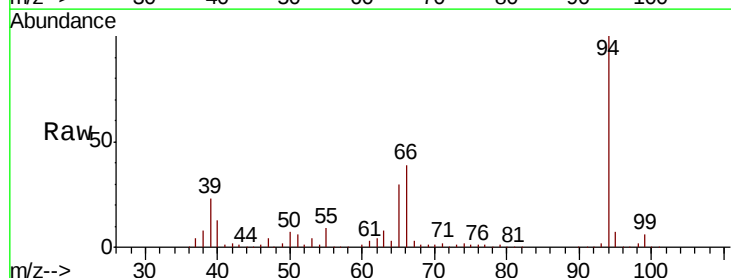
Tgt Ion: 94 Resp: 758229

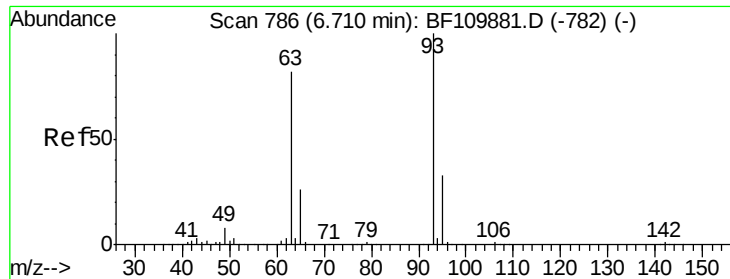
Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

66 39.2 54.5 94.5#

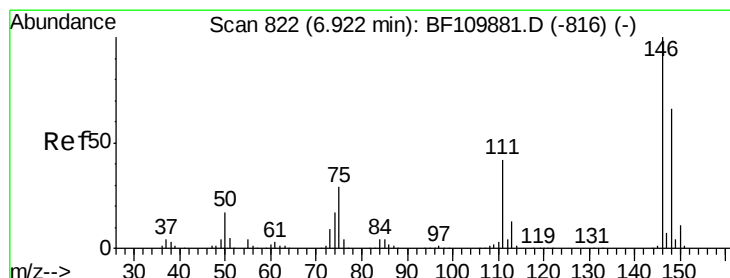
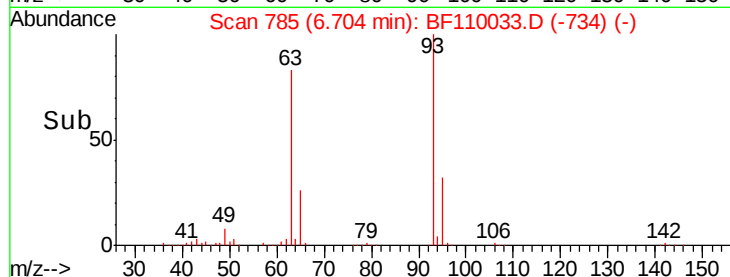
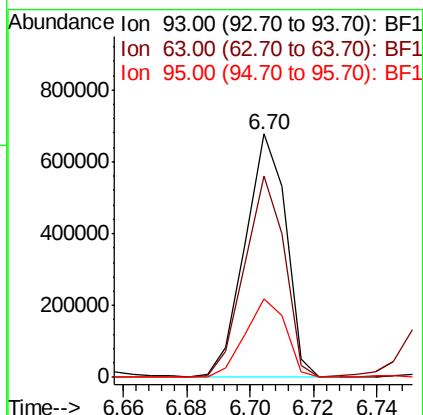
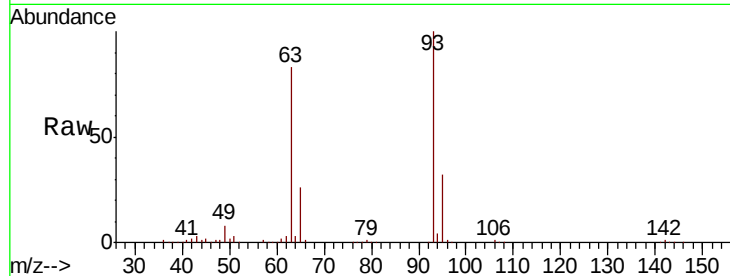




#11
bis(2-Chloroethyl)ether
Concen: 40.079 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

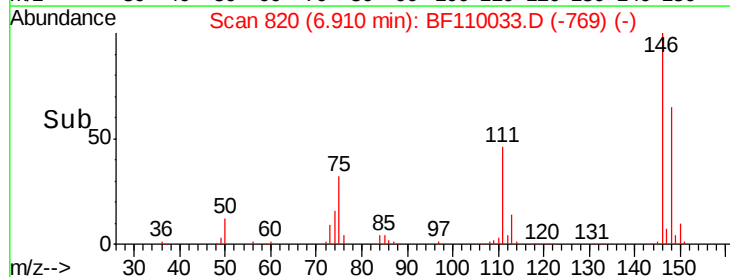
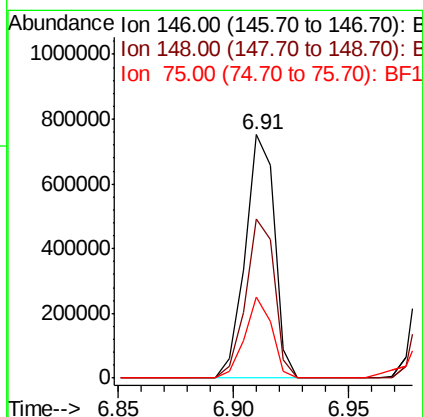
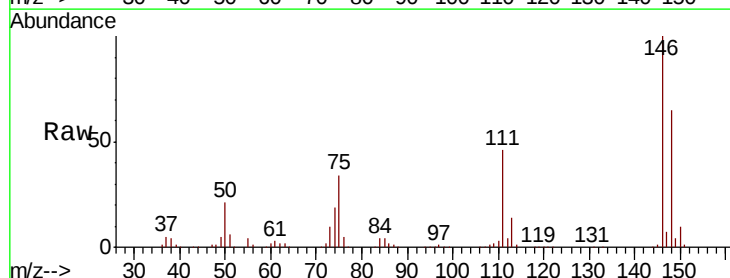
Instrument :
BNA_F
ClientSampleId :

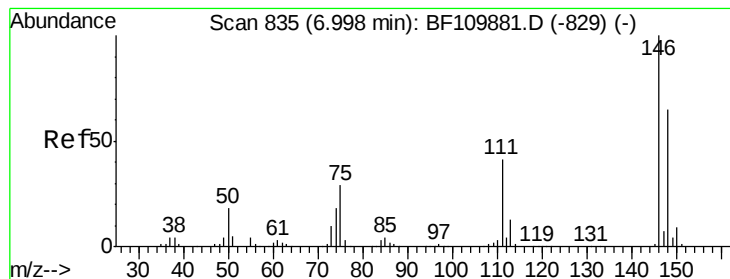
Tot Ion: 93 Resp: 606194
Ion Ratio Lower Upper
93 100
63 82.6 53.4 93.4
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.415 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion: 146 Resp: 669800
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
75 33.5 25.8 38.6

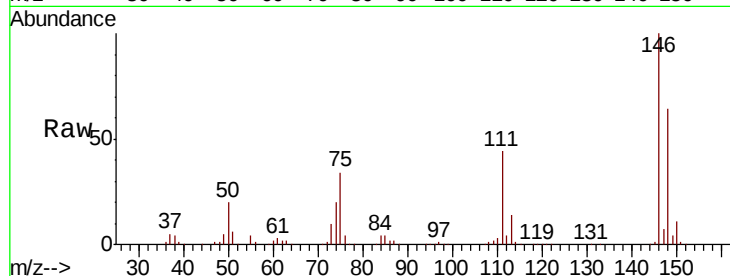




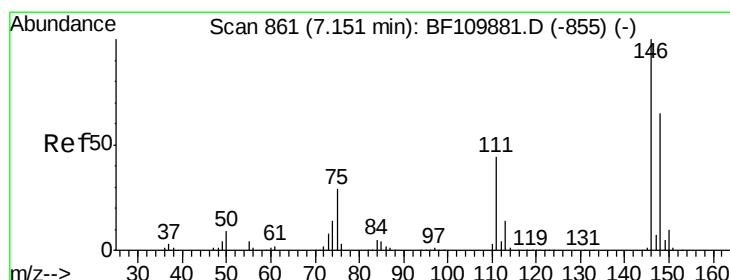
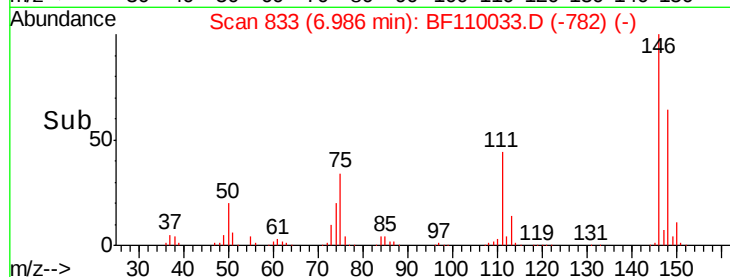
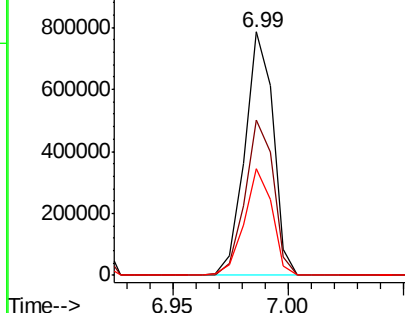
#13
 1,4-Dichlorobenzene
 Concen: 40.521 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 676324
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 43.8 32.7 49.1

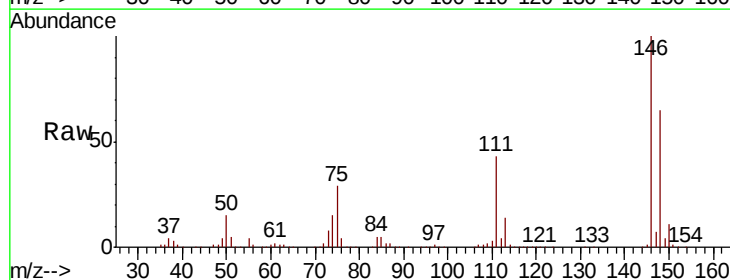


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

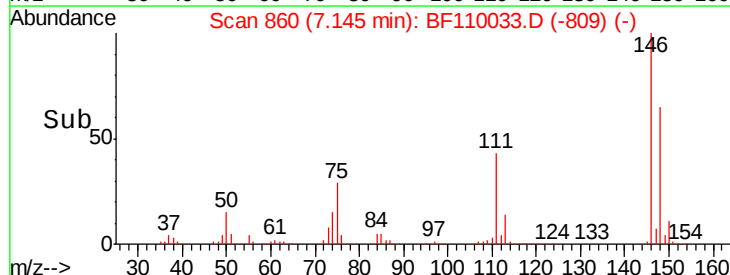
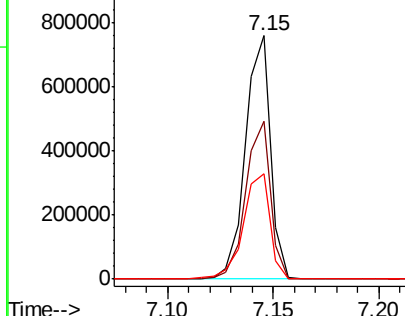


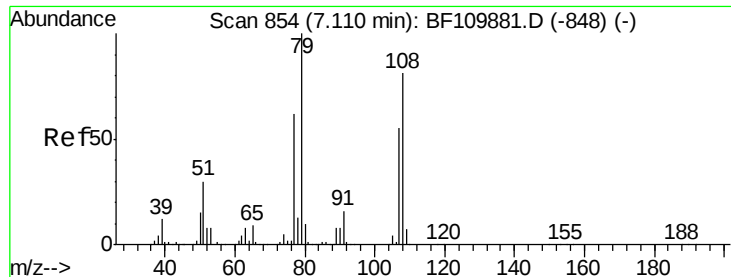
#14
 1,2-Dichlorobenzene
 Concen: 40.604 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:146 Resp: 624073
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 43.2 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: 43.212 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

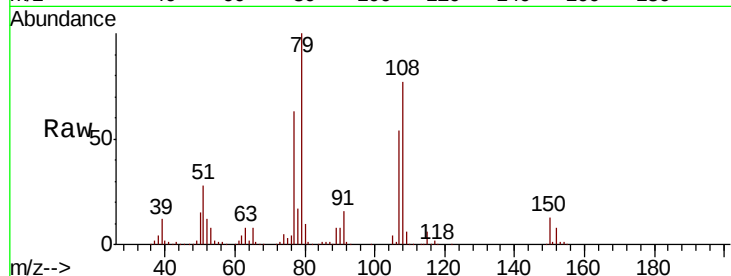
Tot Ion: 79 Resp: 557000

Ion Ratio Lower Upper

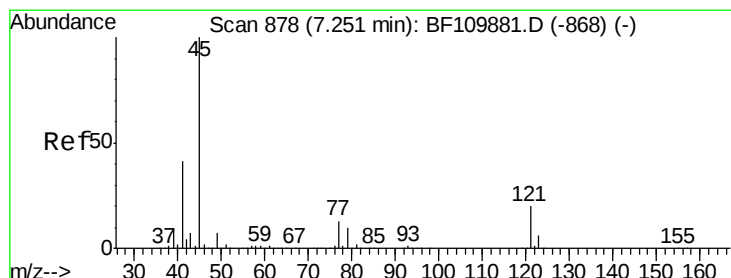
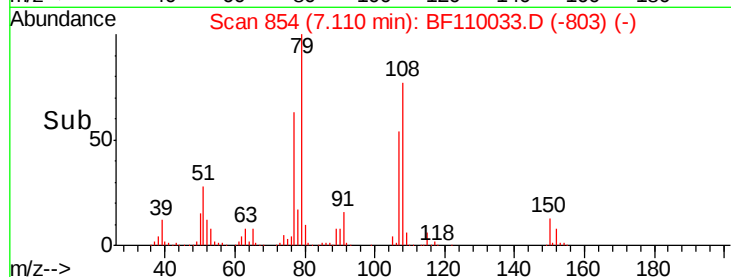
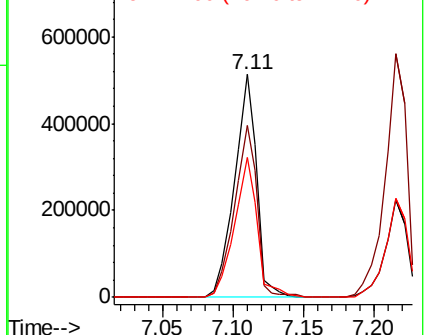
79 100

108 76.8 56.3 84.5

77 62.6 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: 39.681 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

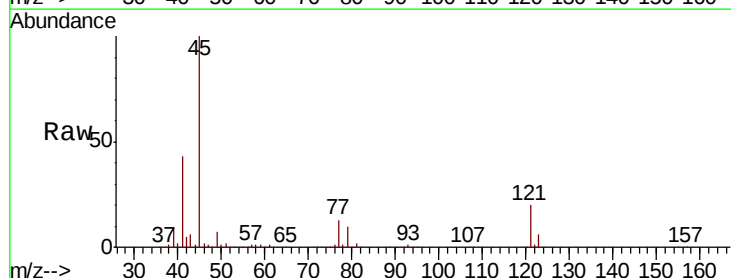
Tgt Ion: 45 Resp: 985090

Ion Ratio Lower Upper

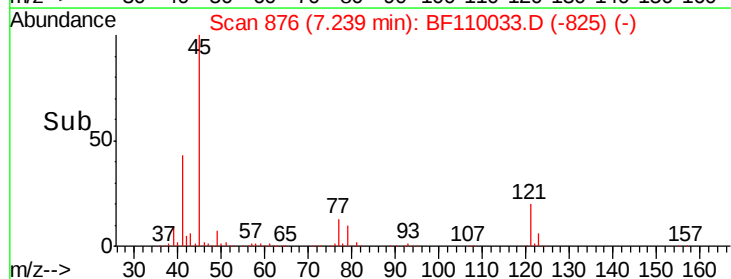
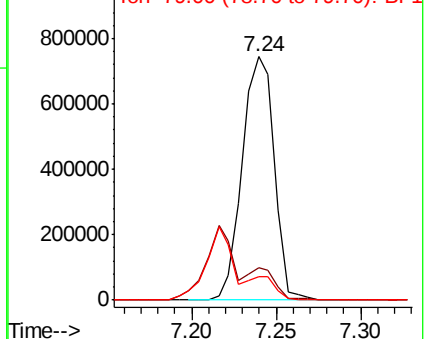
45 100

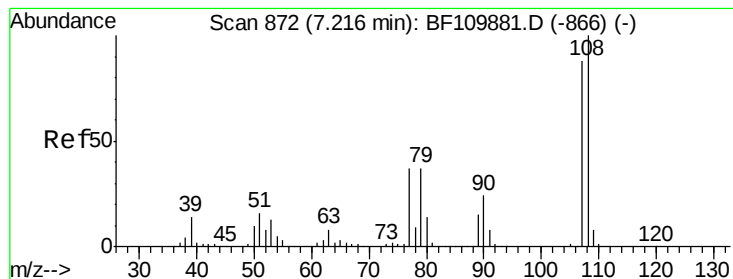
77 13.1 10.0 50.0

79 9.7 6.1 46.1



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

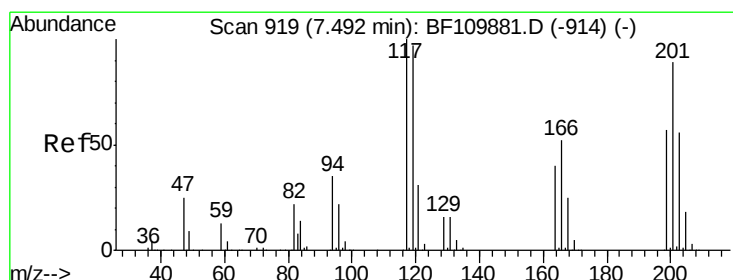
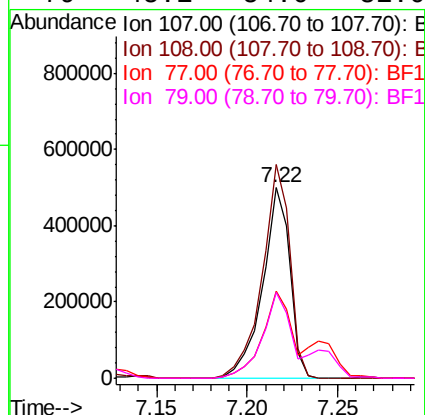
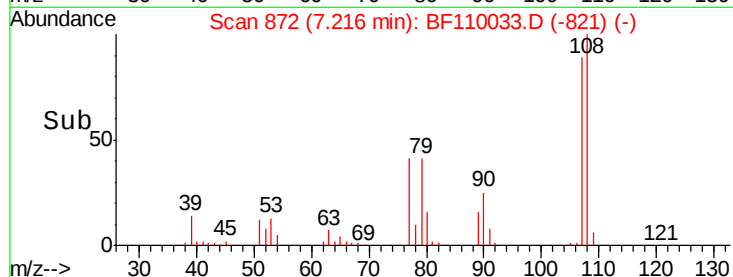
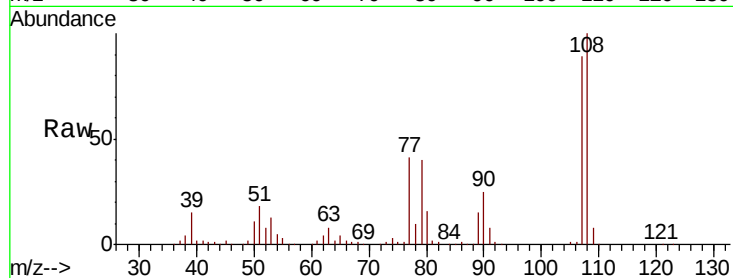




#17
2-Methylphenol
Concen: 42.948 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

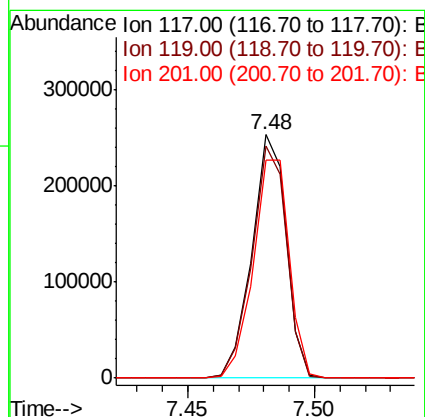
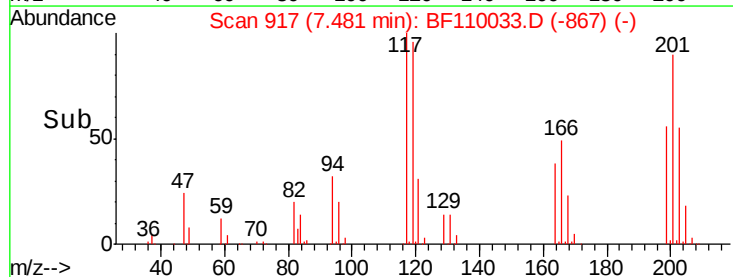
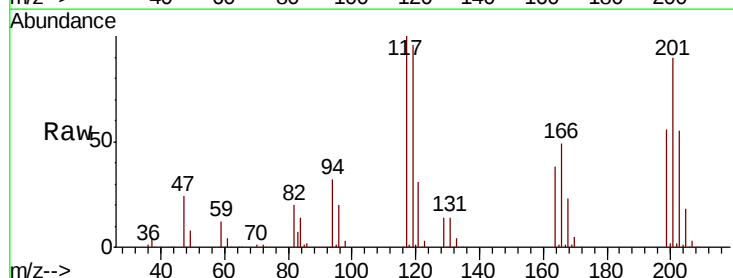
Instrument :
BNA_F
ClientSampleId :

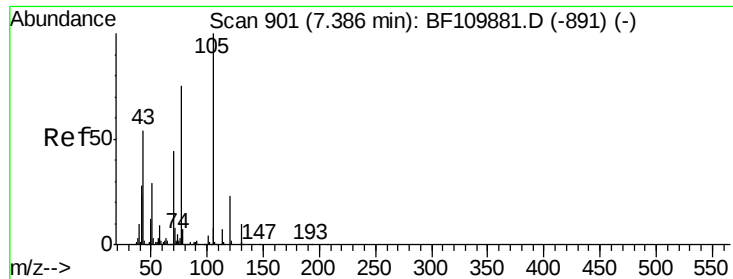
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.6	138.8
77	45.7	59.4	89.2#
79	45.1	54.0	81.0#



#18
Hexachloroethane
Concen: 40.702 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.6
201	89.7	79.2	118.8

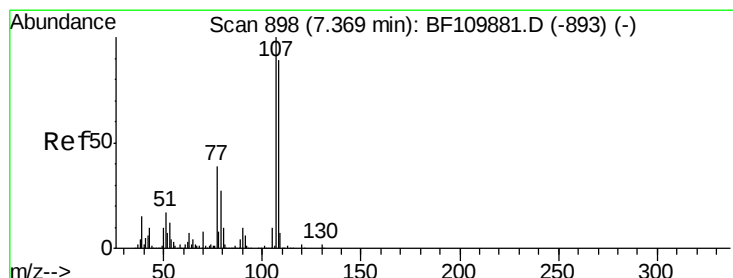
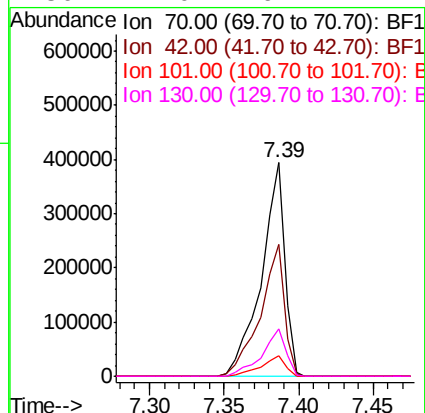
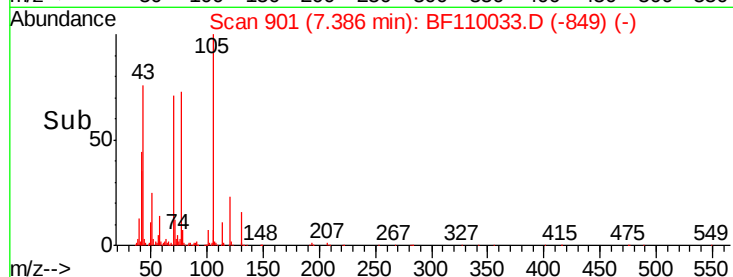
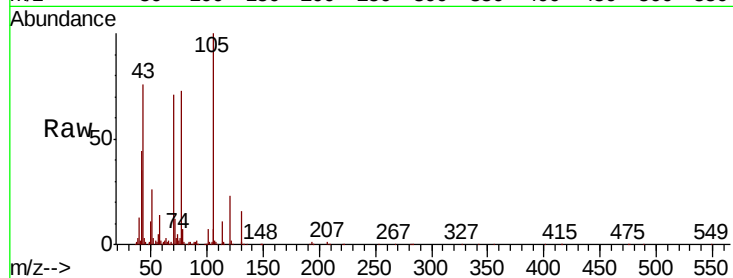




#19
n-Nitroso-di-n-propylamine
Concen: 39.489 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

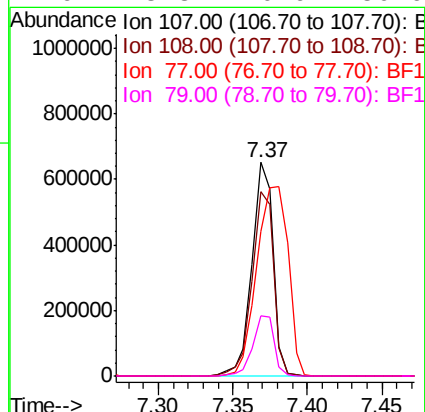
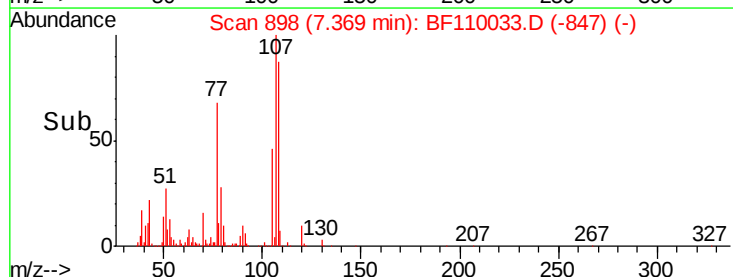
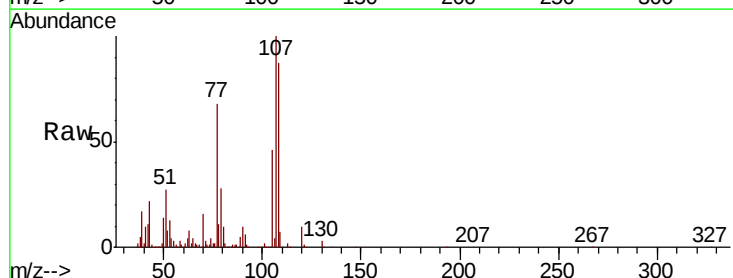
Instrument :
BNA_F
ClientSampleId :

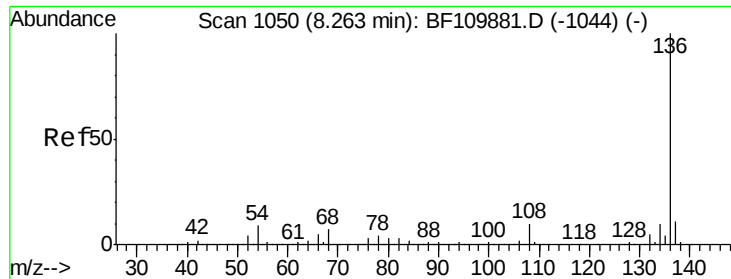
Tot Ion: 70 Resp: 424808
Ion Ratio Lower Upper
70 100
42 61.6 47.4 71.2
101 9.9 7.3 10.9
130 22.0 16.2 24.2



#20
3+4-Methylphenols
Concen: 40.991 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:107 Resp: 633954
Ion Ratio Lower Upper
107 100
108 86.6 71.4 111.4
77 68.0 47.3 87.3
79 28.3 10.9 50.9

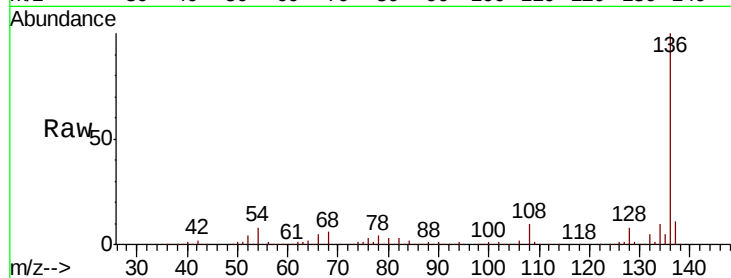




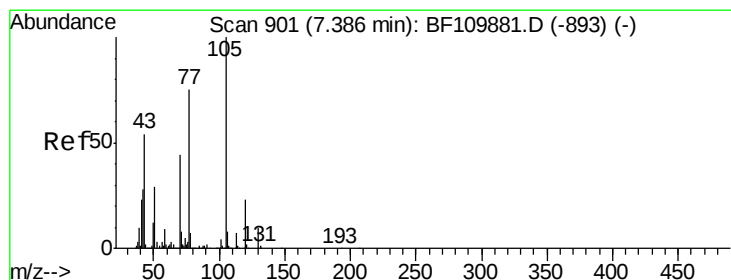
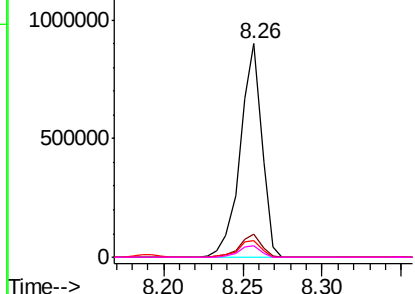
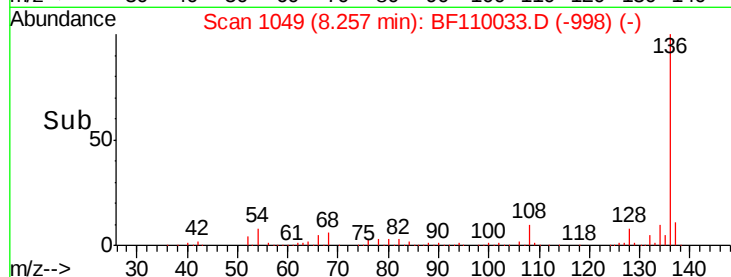
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	845306
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.8	5.4 8.2
68	5.6	4.2 6.2

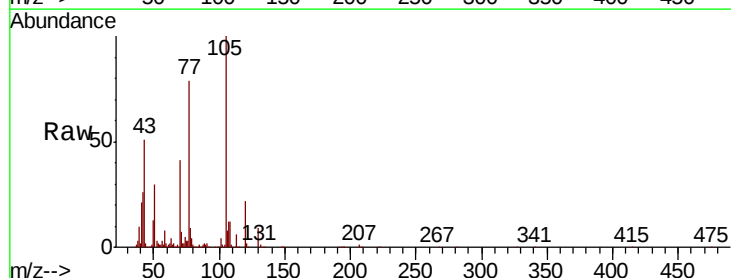


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

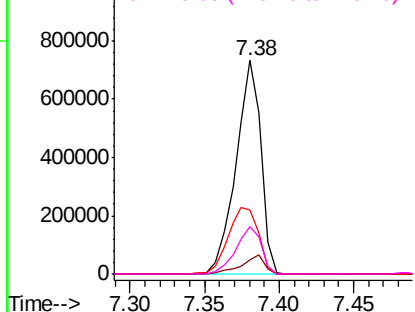
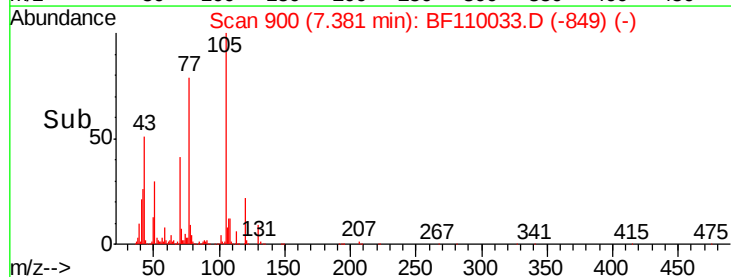


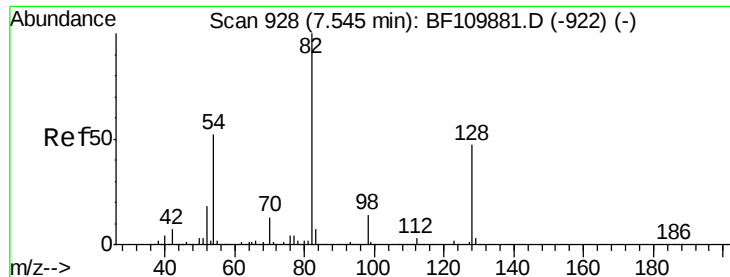
#22
Acetophenone
Concen: 43.461 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:105	Resp:	851971
Ion Ratio	Lower	Upper
105	100	
71	6.8	5.2 7.8
51	29.9	21.8 32.8
120	22.2	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



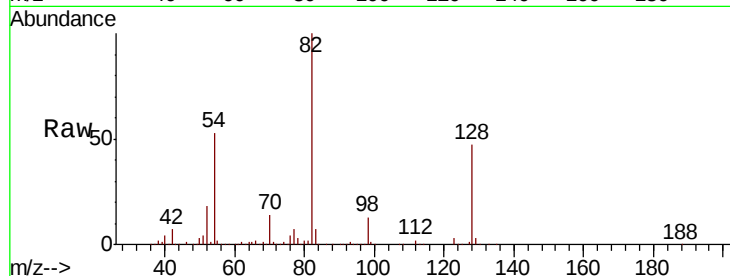


#23
 Nitrobenzene-d5
 Concen: 103.051 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

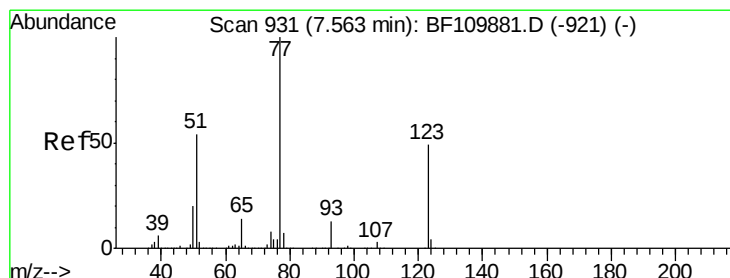
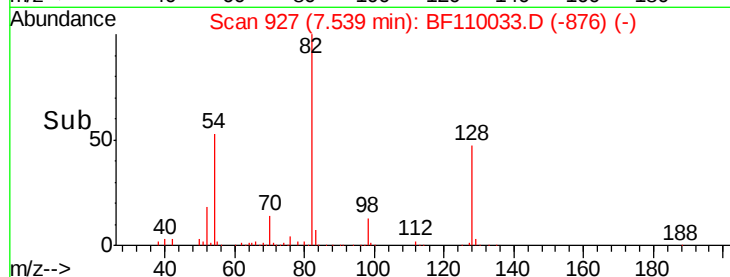
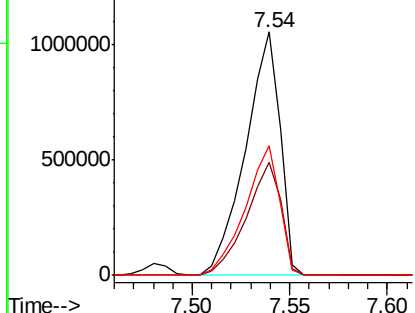
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1293122

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	53.2	38.6	58.0



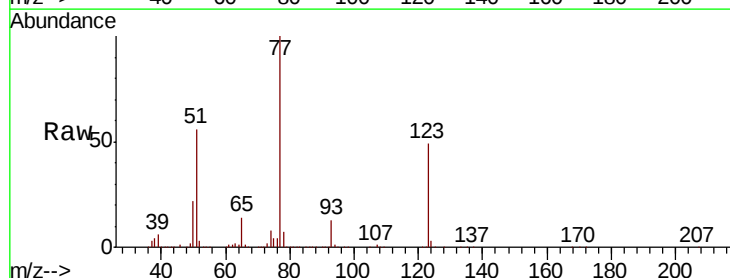
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



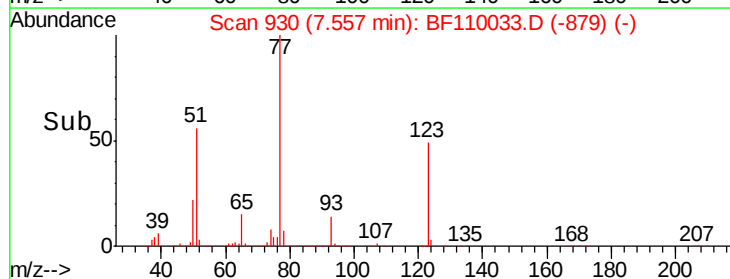
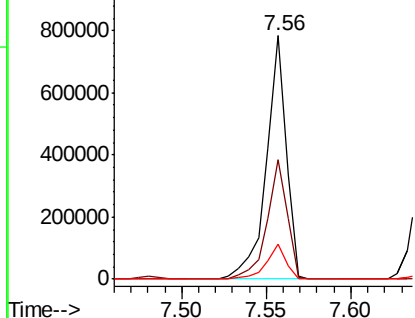
#24
 Nitrobenzene
 Concen: 46.668 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

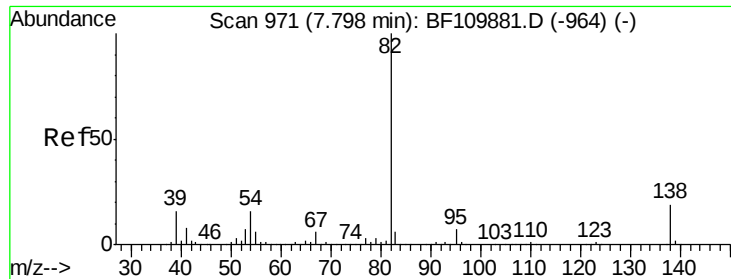
Tgt Ion: 77 Resp: 636167

Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.7	53.5
65	14.5	10.7	16.1



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

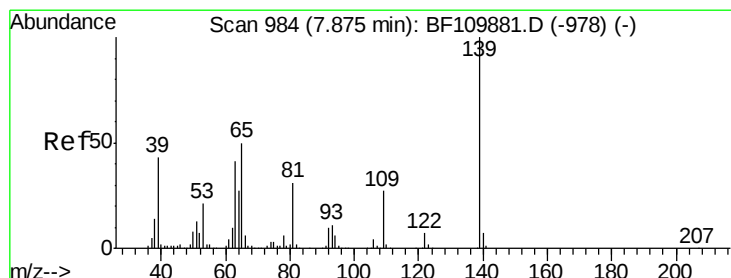
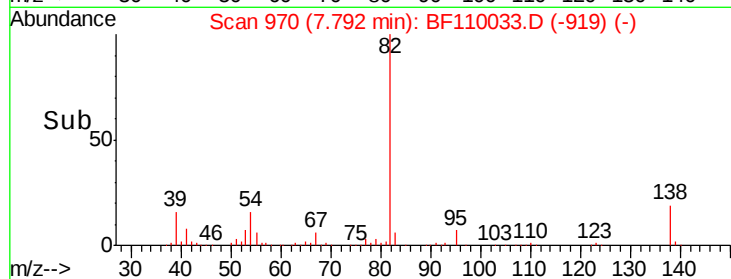
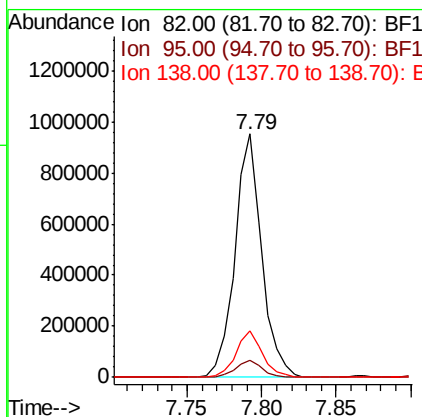
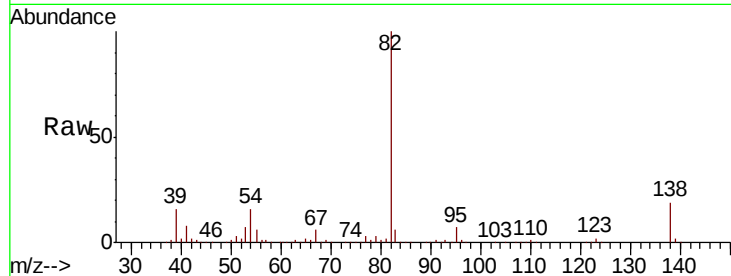




#25
Isophorone
Concen: 48.406 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

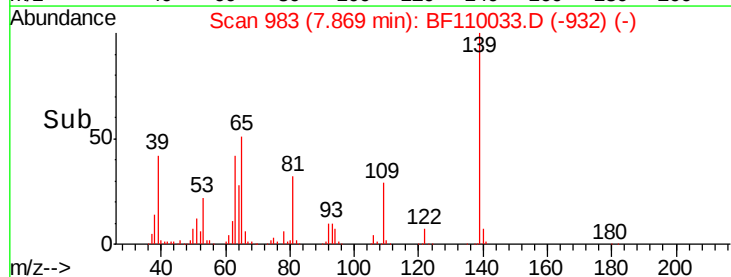
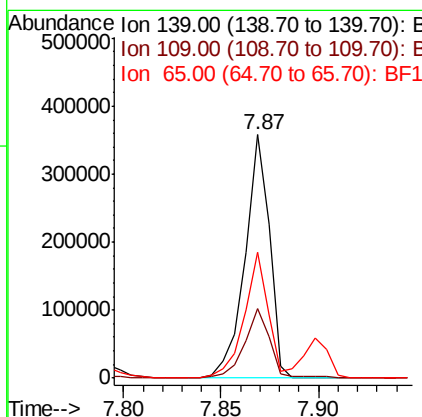
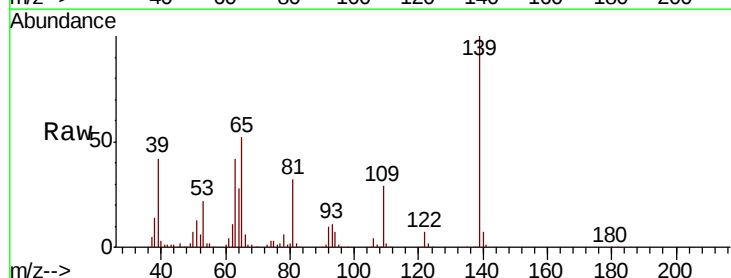
Instrument :
BNA_F
ClientSampleId :

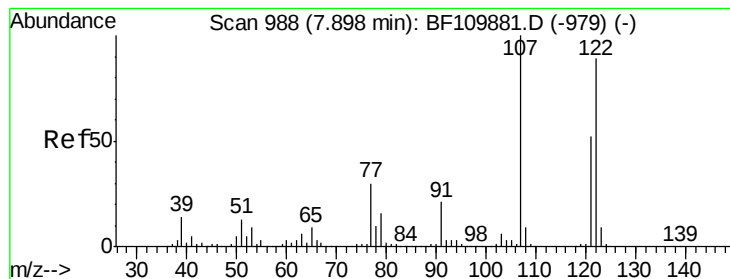
Tot Ion: 82 Resp: 1193498
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.2 13.2 19.8



#26
2-Nitrophenol
Concen: 55.281 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion: 139 Resp: 312450
Ion Ratio Lower Upper
139 100
109 28.8 25.0 37.6
65 51.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 48.604 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

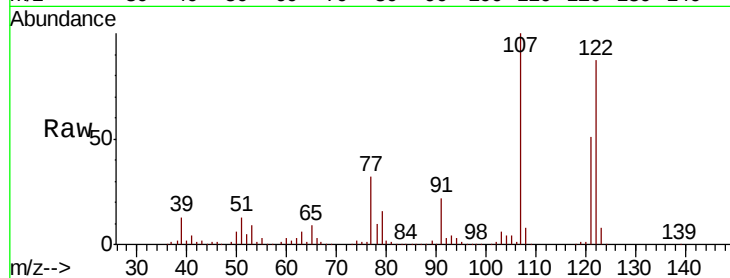
Tot Ion:122 Resp: 577229

Ion Ratio Lower Upper

122 100

107 115.1 92.5 138.7

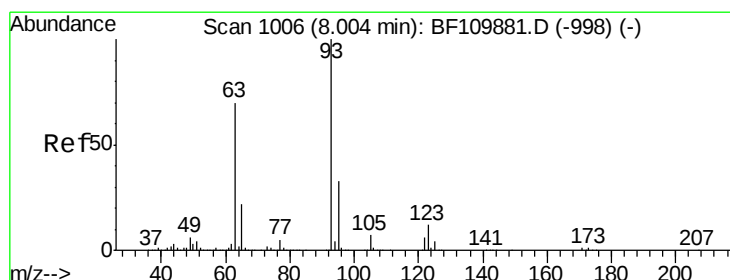
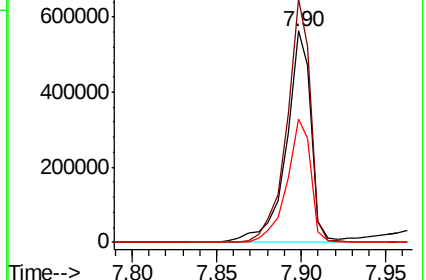
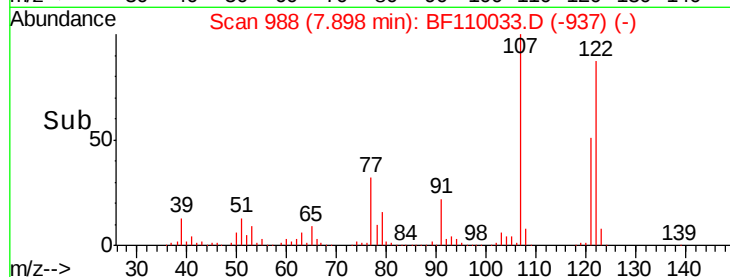
121 58.5 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.069 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

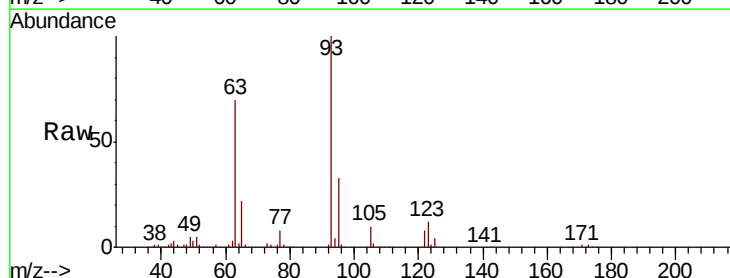
Tgt Ion: 93 Resp: 745712

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

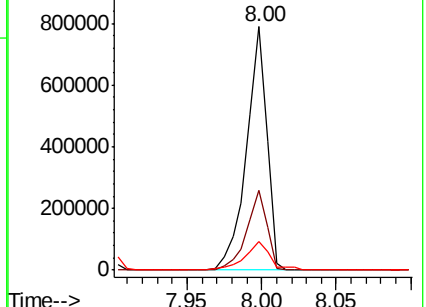
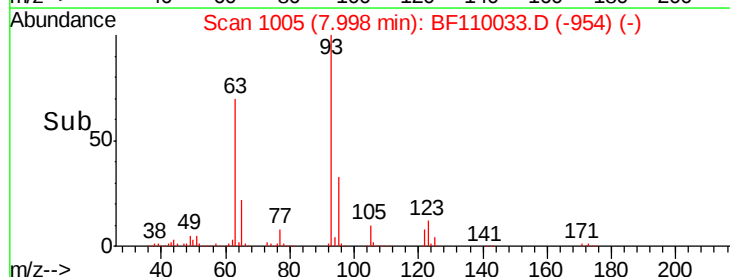
123 11.8 9.0 13.6

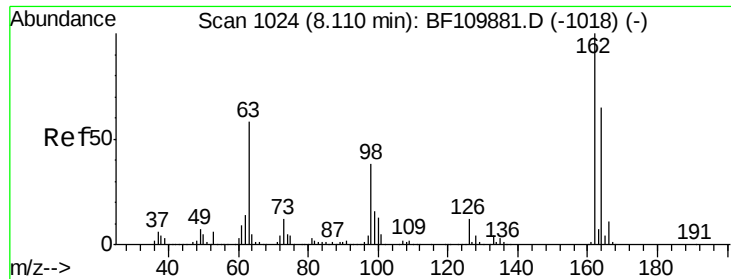


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

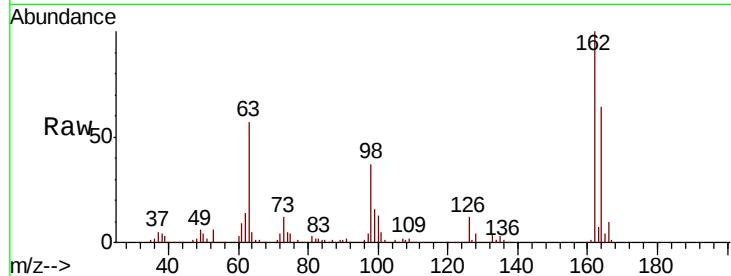




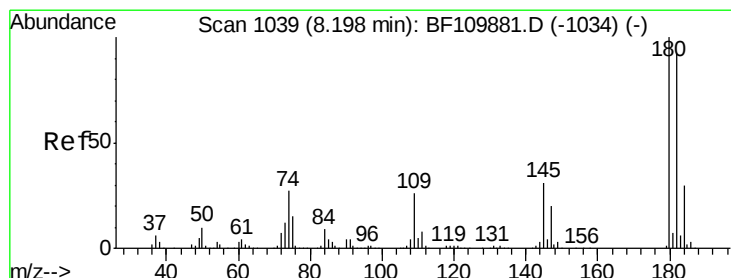
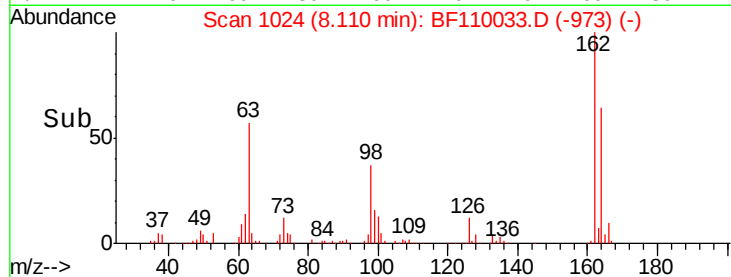
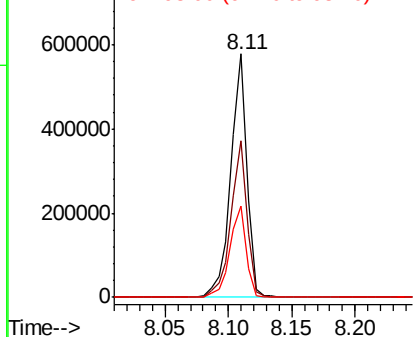
#29
 2,4-Dichlorophenol
 Concen: 43.974 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	37.3	17.4	57.4

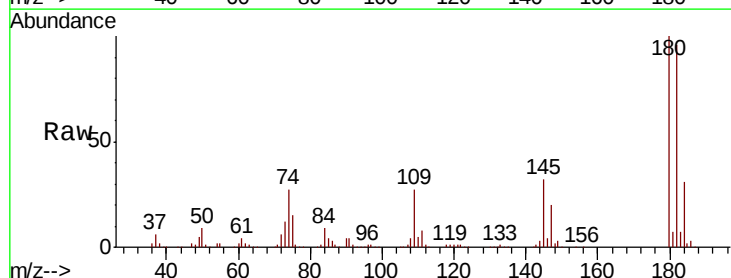


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

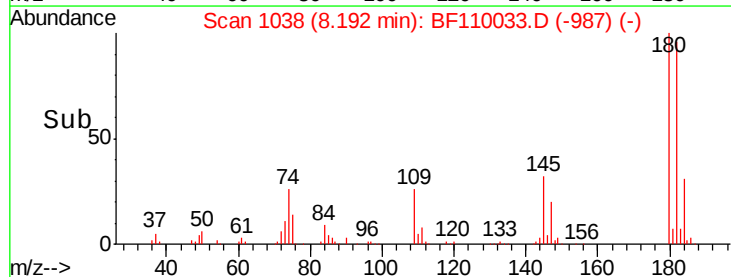
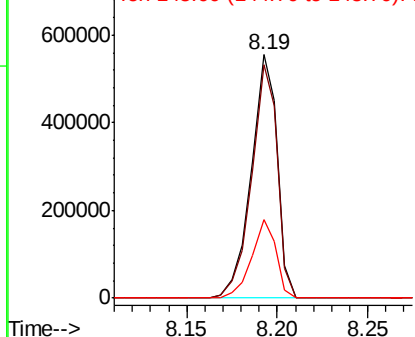


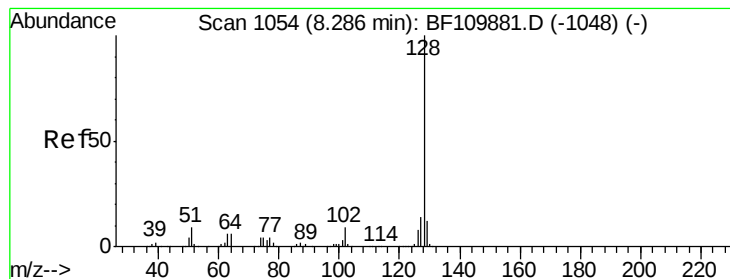
#30
 1,2,4-Trichlorobenzene
 Concen: 42.739 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	80.3	120.5
145	32.1	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: 44.478 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

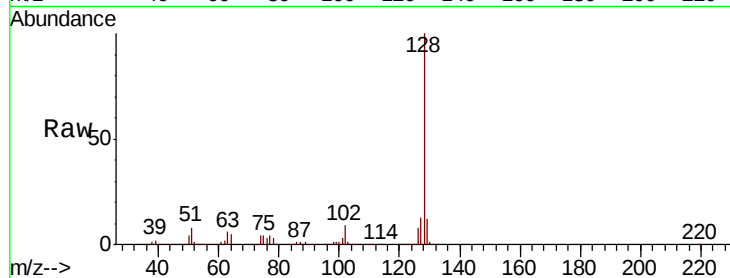
Tot Ion:128 Resp: 1724098

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

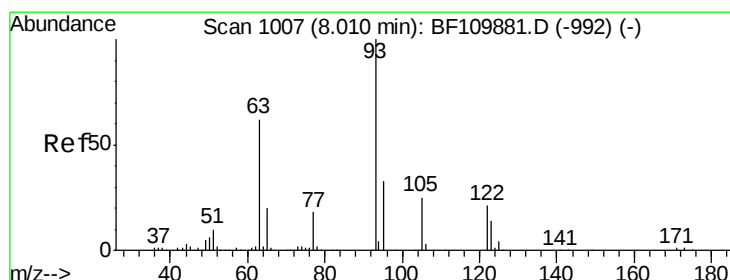
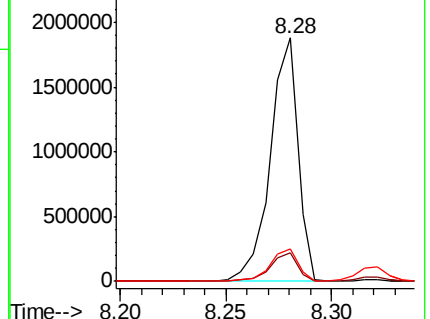
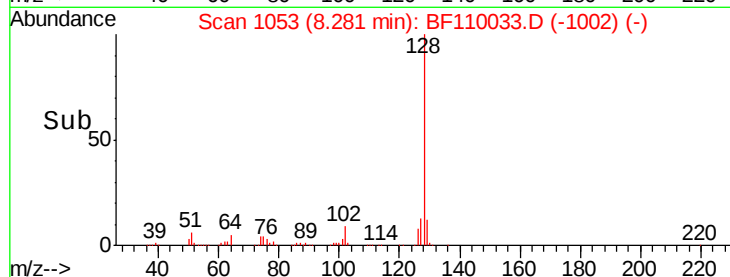
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.917 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

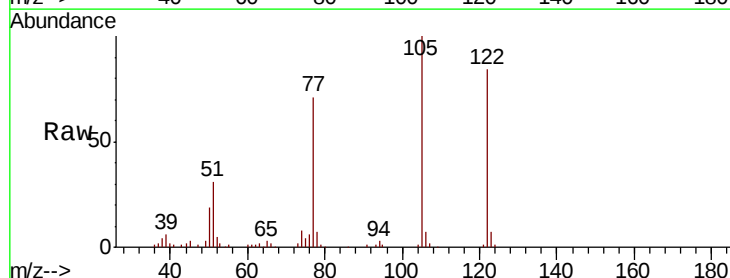
Tgt Ion:122 Resp: 243571

Ion Ratio Lower Upper

122 100

105 119.3 109.0 149.0

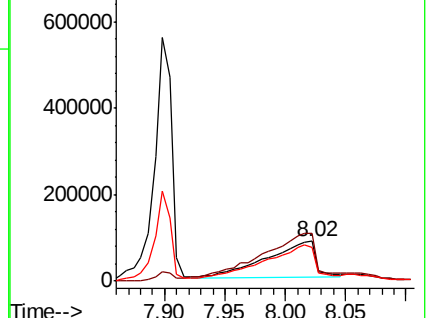
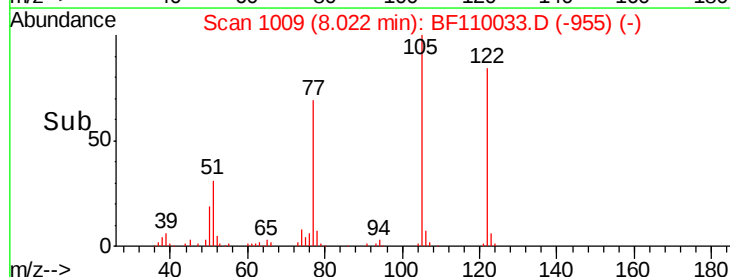
77 84.2 79.0 119.0

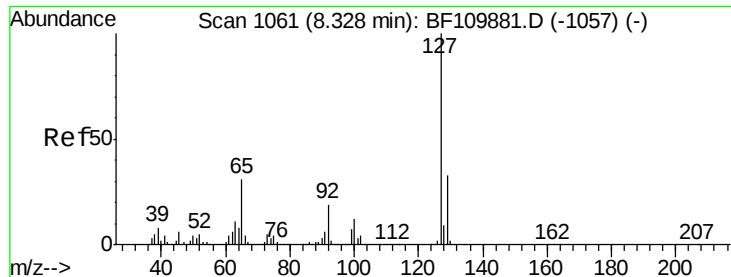


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

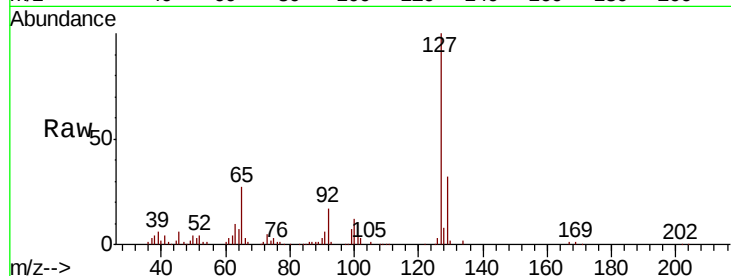




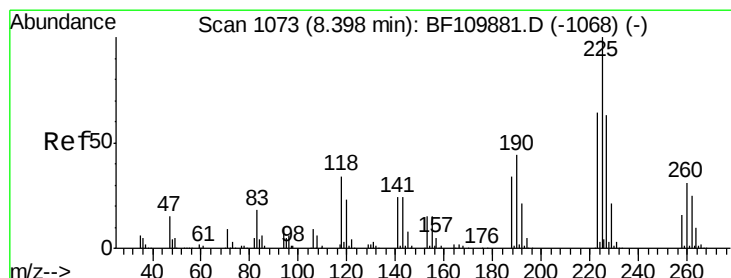
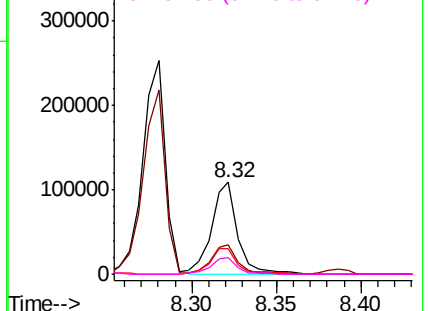
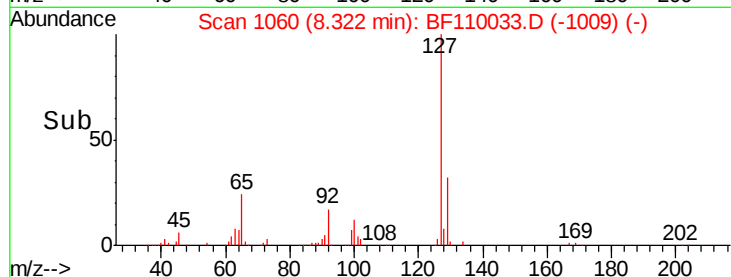
#33
4-Chloroaniline
Concen: 6.704 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	116824
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	27.3	25.1	37.7
92	17.5	15.0	22.6

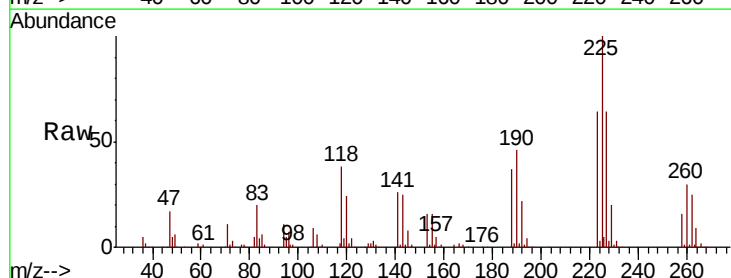


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

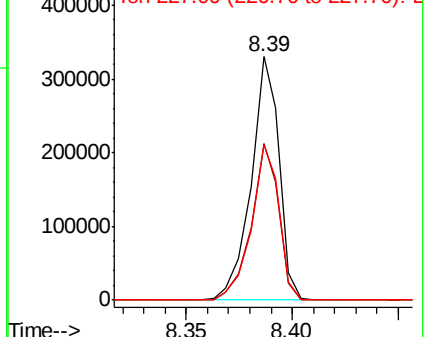
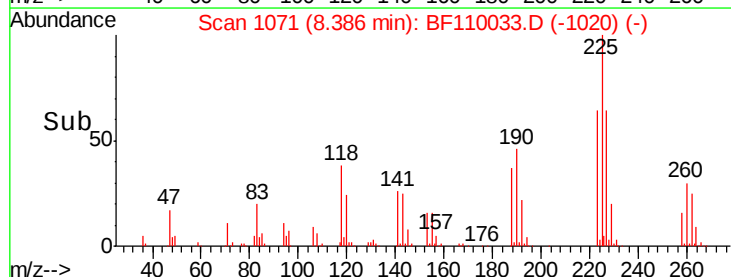


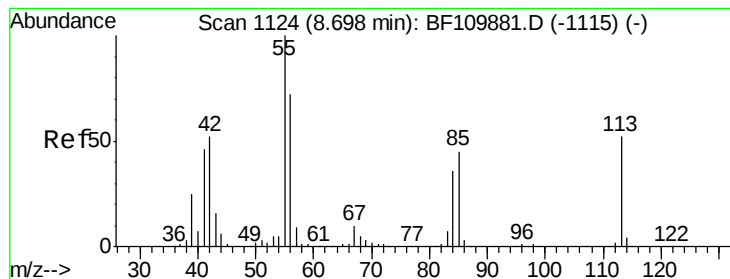
#34
Hexachlorobutadiene
Concen: 42.590 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:	225	Resp:	302958
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.2
227	63.6	51.0	76.6



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





#35

Caprolactam

Concen: 31.451 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampled :

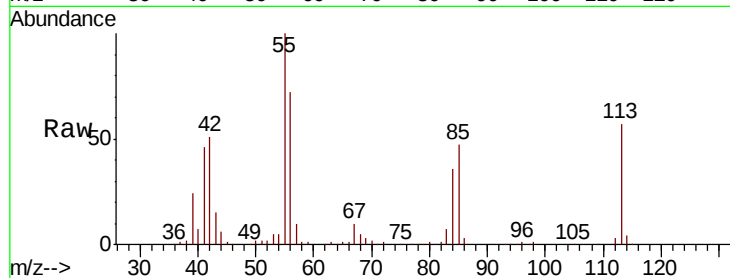
Tot Ion:113 Resp: 128684

Ion Ratio Lower Upper

113 100

55 175.8 142.8 182.8

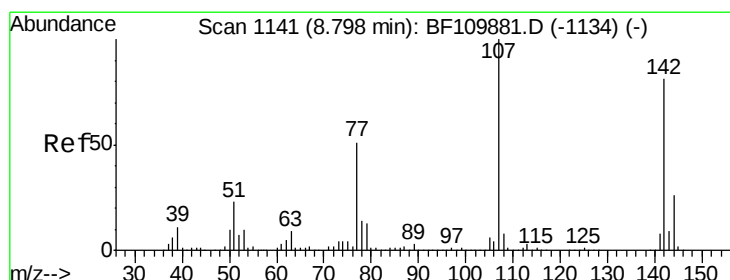
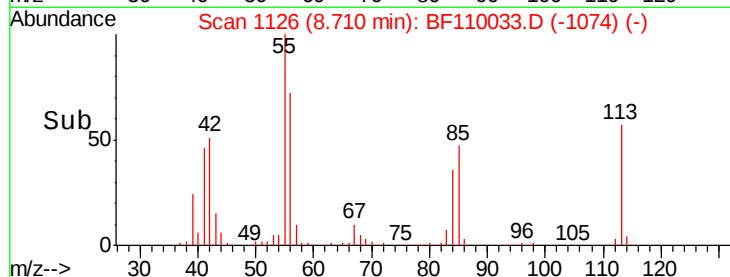
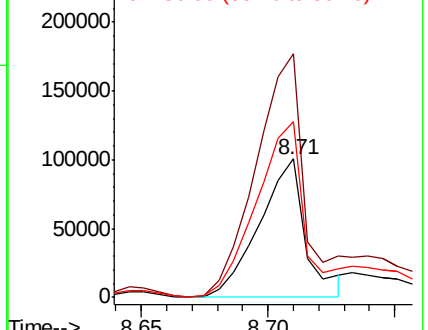
56 126.6 105.0 145.0



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: 43.728 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

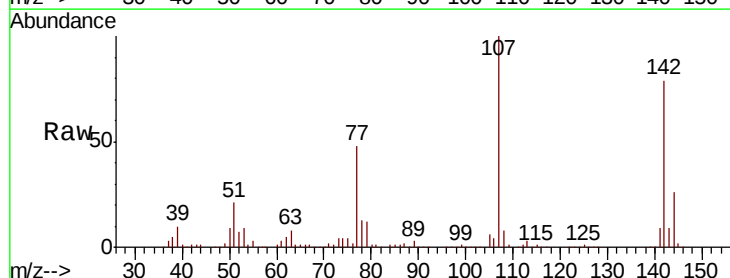
Tgt Ion:107 Resp: 531468

Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

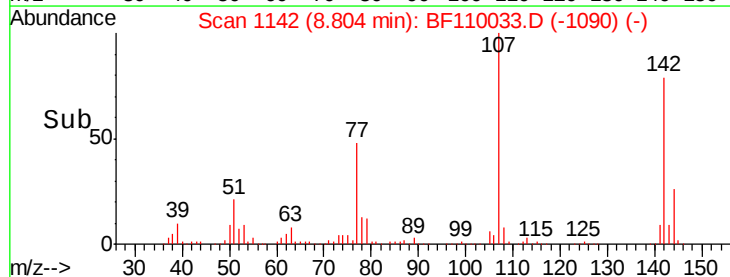
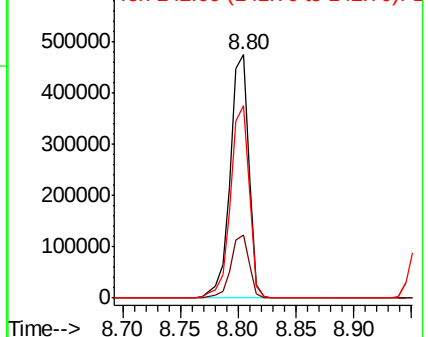
142 79.1 59.7 89.5

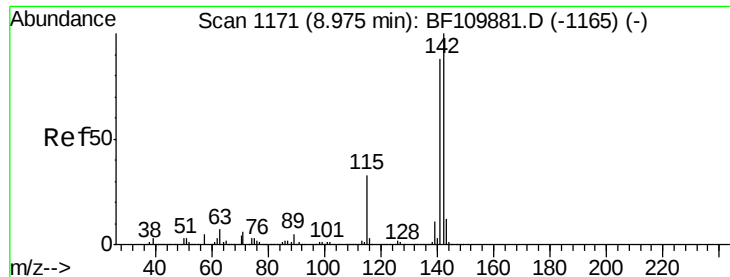


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

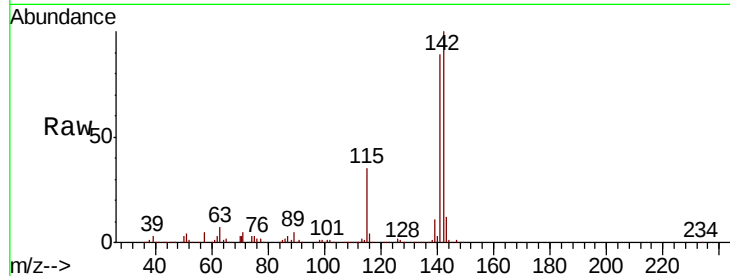




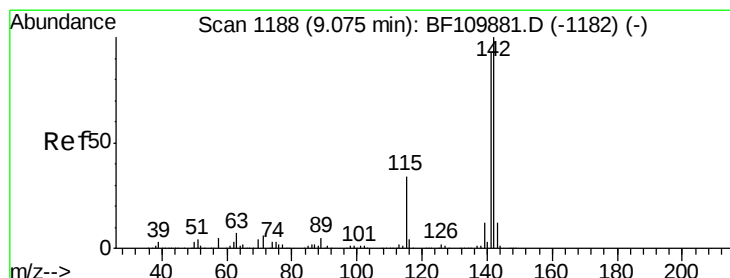
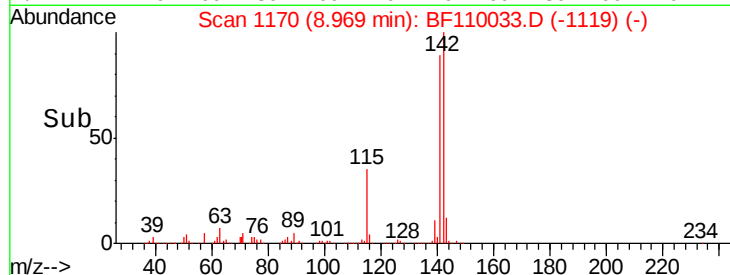
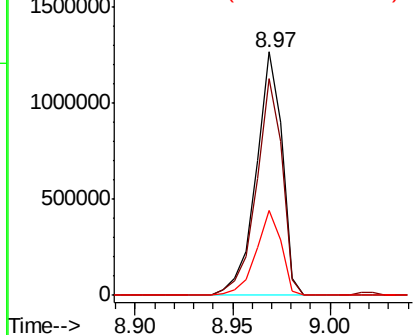
#37
2-Methylnaphthalene
Concen: 46.544 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1168262
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 34.8 28.7 43.1

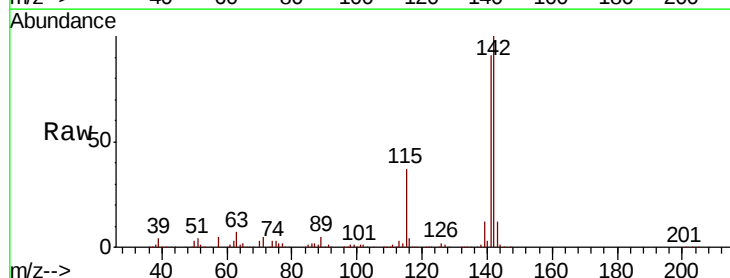


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

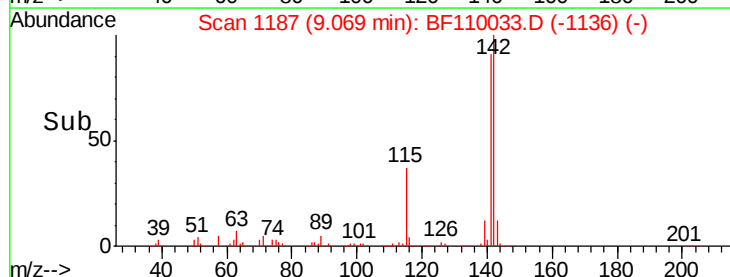
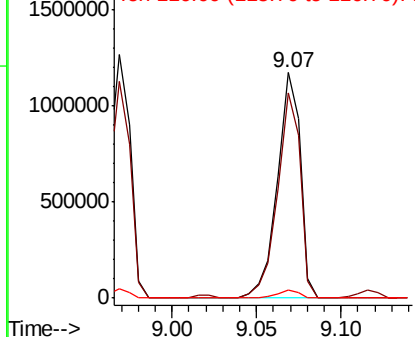


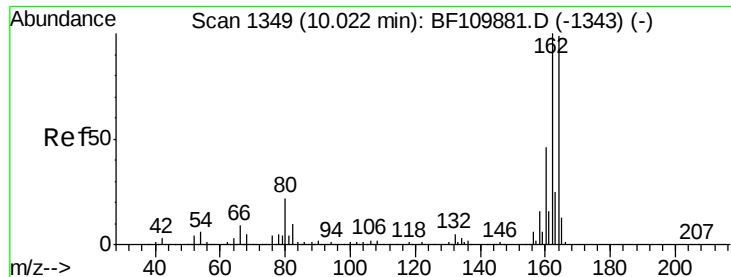
#38
1-Methylnaphthalene
Concen: 45.631 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:142 Resp: 1109821
Ion Ratio Lower Upper
142 100
141 91.0 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: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

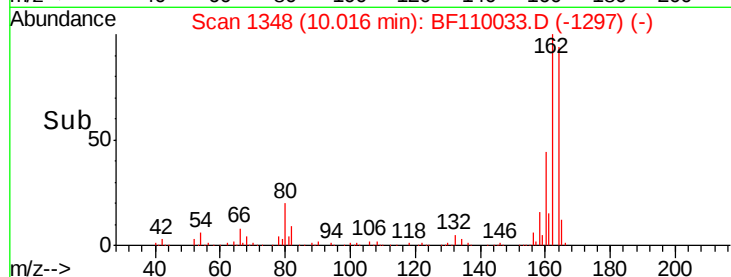
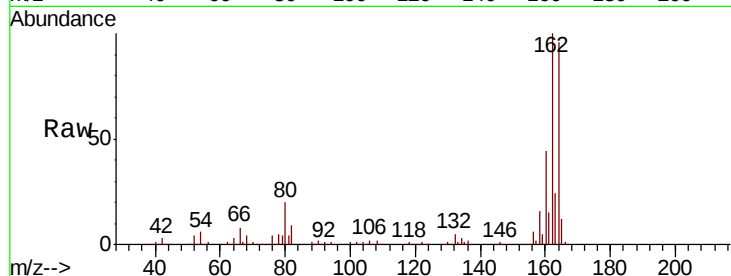
Tot Ion:164 Resp: 366022

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

160 46.1 37.0 55.6

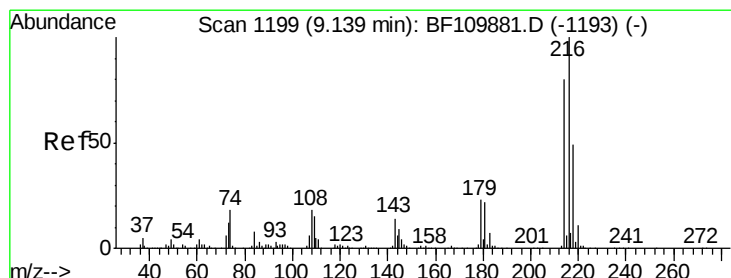
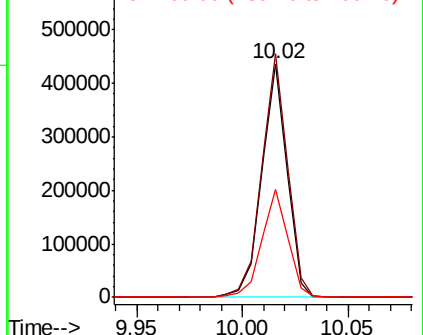


Abundance

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: 44.261 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:216 Resp: 498998

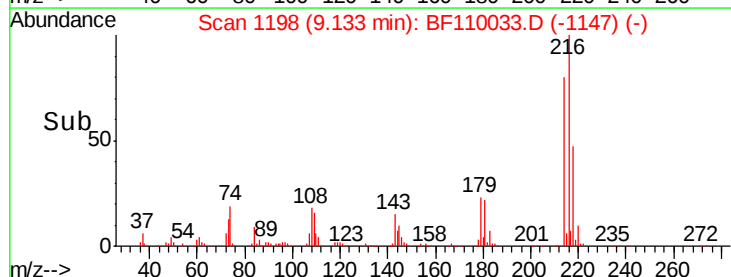
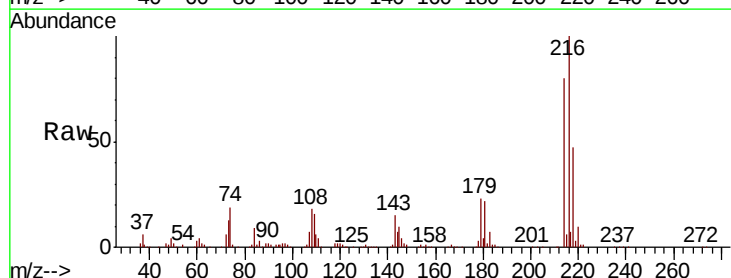
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 23.0 16.6 25.0

108 19.8 15.1 22.7



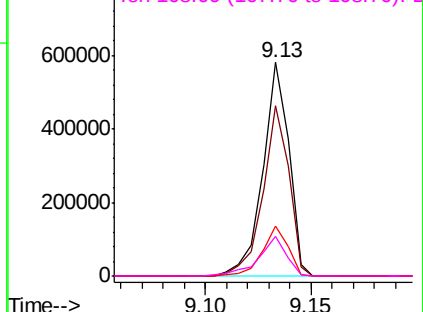
Abundance

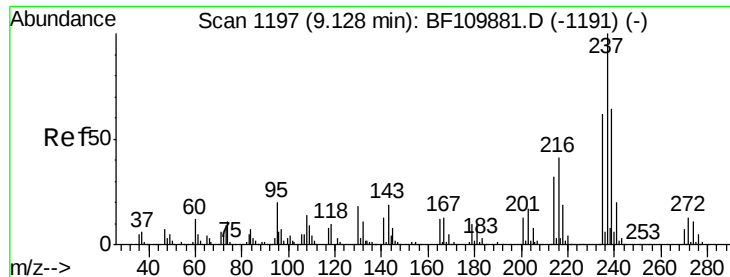
Ion 216.00 (215.70 to 216.70): E

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: 55.450 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

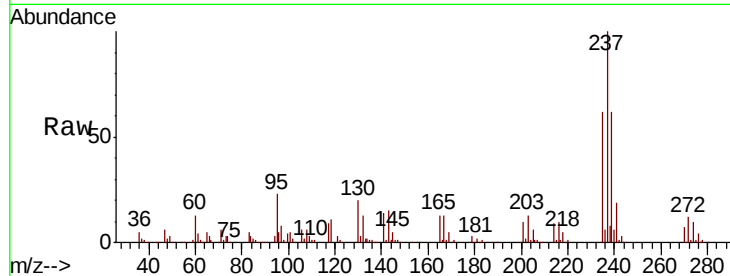
Tot Ion:237 Resp: 301724

Ion Ratio Lower Upper

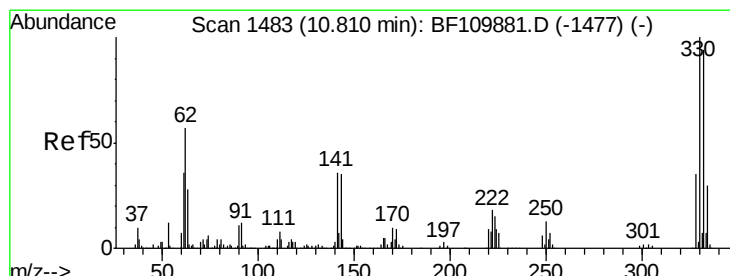
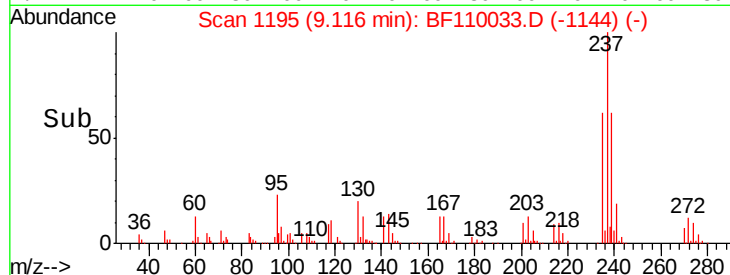
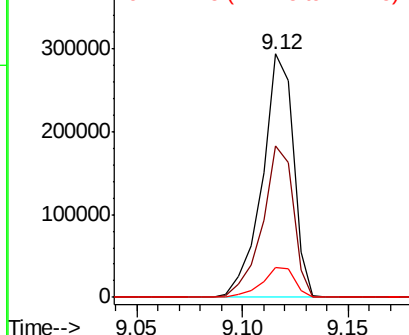
237 100

235 62.2 43.1 83.1

272 12.5 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: 88.263 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

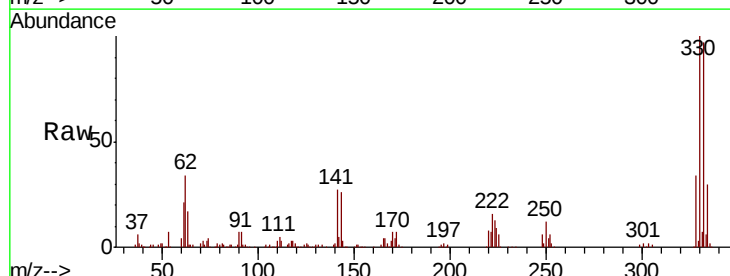
Tgt Ion:330 Resp: 279697

Ion Ratio Lower Upper

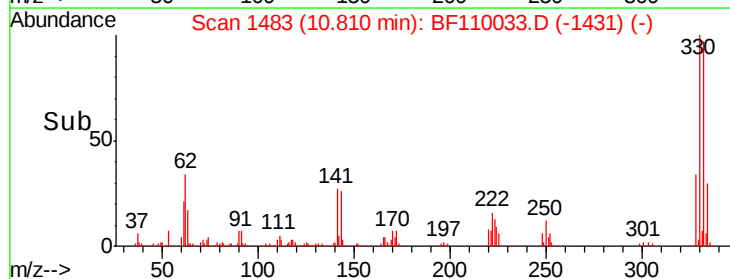
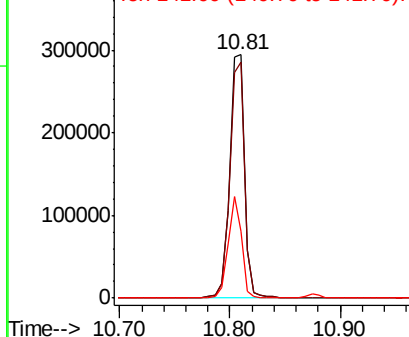
330 100

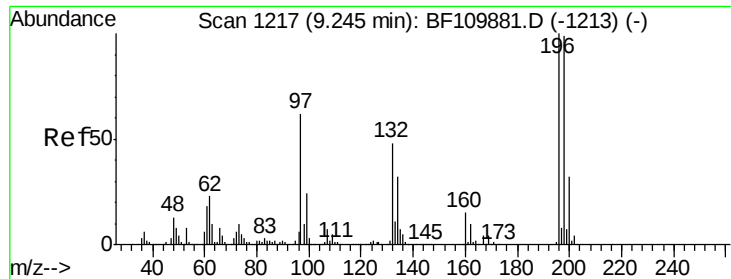
332 96.1 77.1 115.7

141 37.7 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

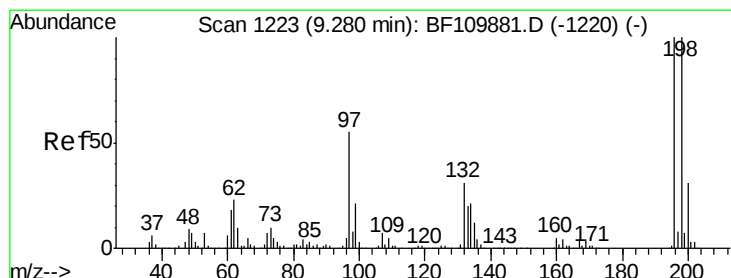
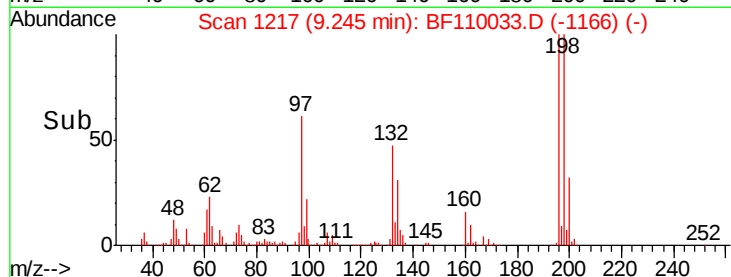
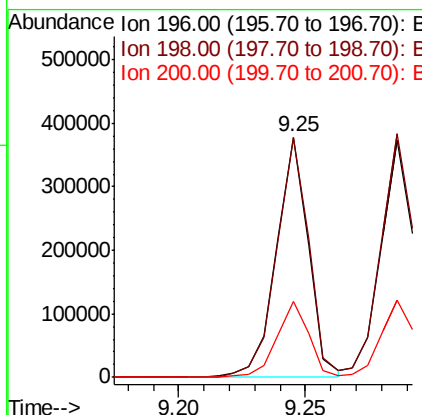
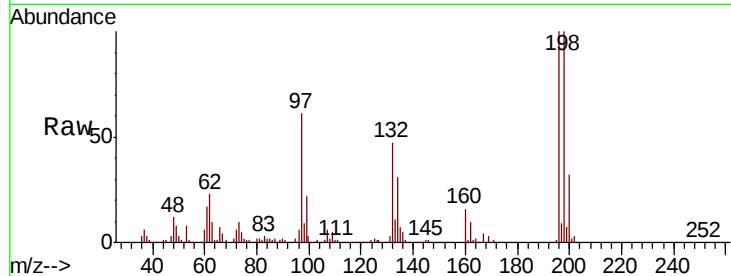




#43
 2,4,6-Trichlorophenol
 Concen: 46.927 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

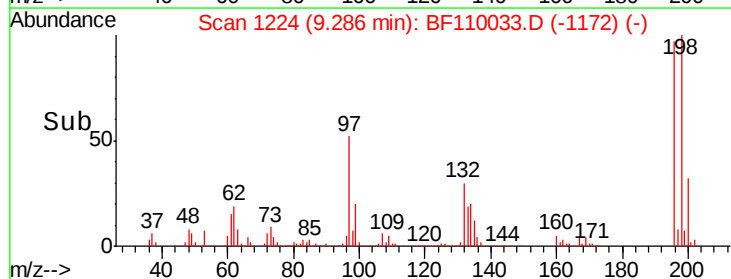
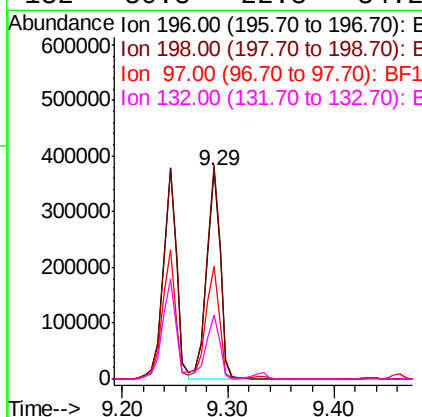
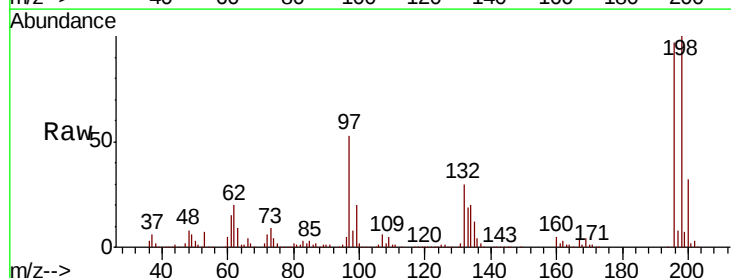
Instrument :
 BNA_F
 ClientSampled :

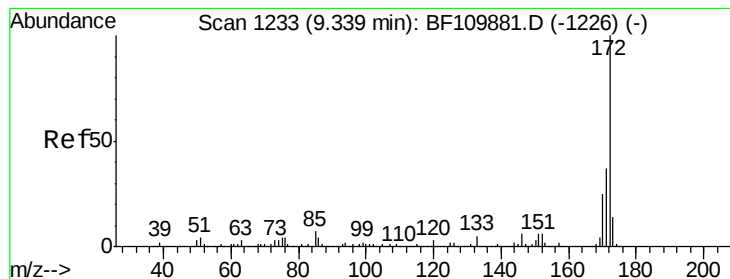
Tot Ion	196	198	200	Resp	330808
Ion Ratio	100	99.8	31.7	Lower	Upper
		76.2	24.4		
		114.4	36.6		



#44
 2,4,5-Trichlorophenol
 Concen: 45.921 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	196	198	97	132	Resp	335982
Ion Ratio	100	102.6	53.9	30.8	Lower	Upper
		75.8	42.4	22.8		
		113.6	63.6	34.2		





#45

2-Fluorobiphenyl

Concen: 93.942 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampled :

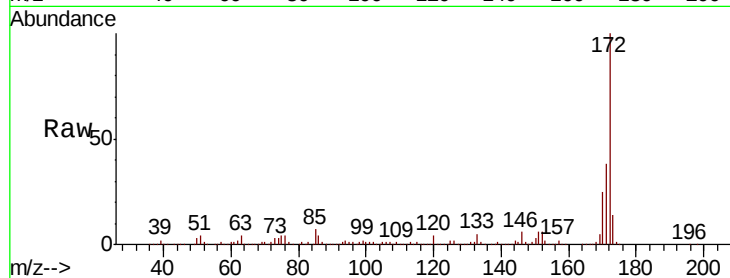
Tot Ion:172 Resp: 2154906

Ion Ratio Lower Upper

172 100

171 37.7 28.6 43.0

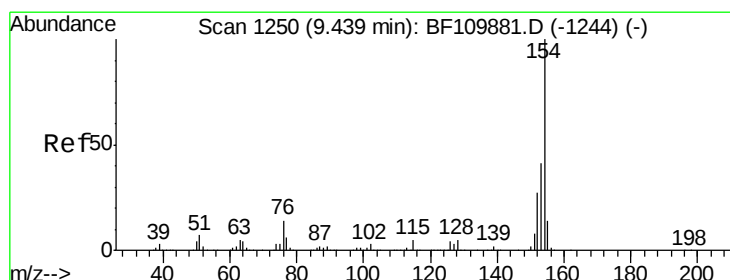
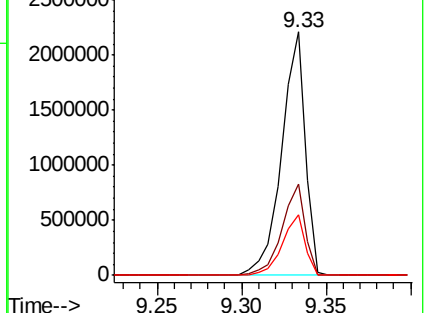
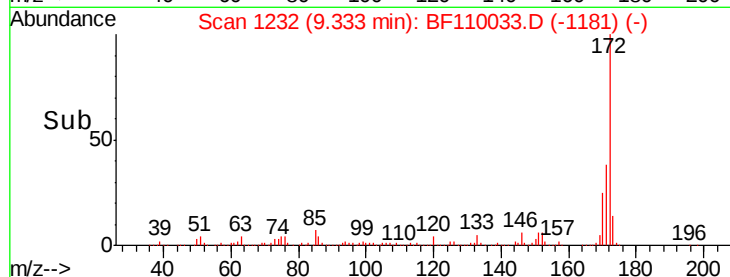
170 24.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.513 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

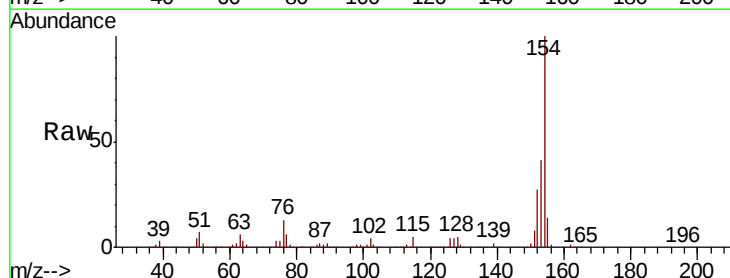
Tgt Ion:154 Resp: 1386384

Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

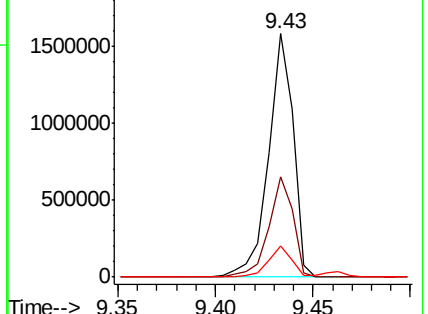
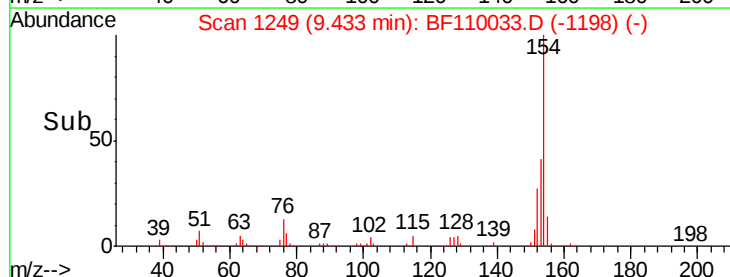
76 12.6 0.0 31.9

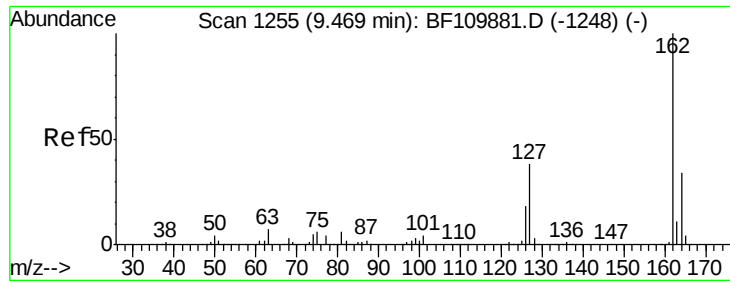


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

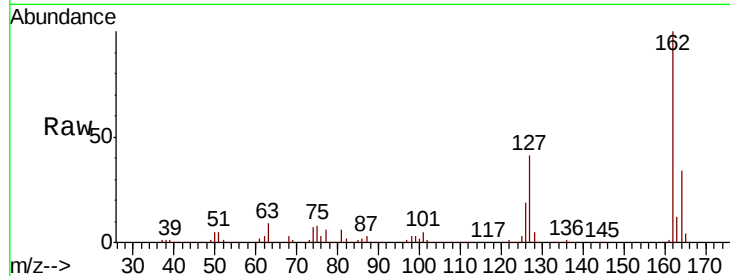




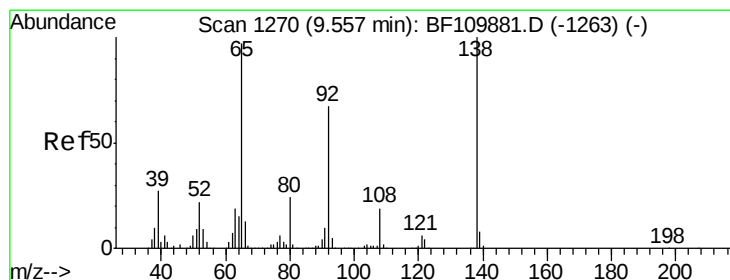
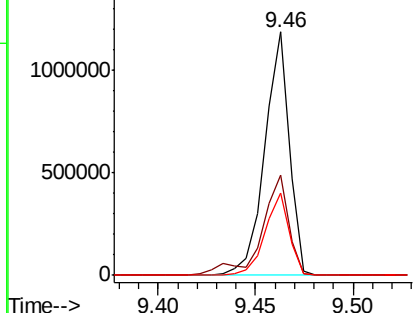
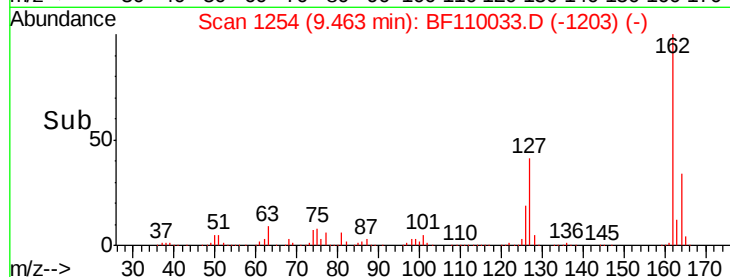
#47
 2-Chloronaphthalene
 Concen: 43.106 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1035447
 Ion Ratio Lower Upper
 162 100
 127 40.9 32.6 48.8
 164 33.7 25.9 38.9

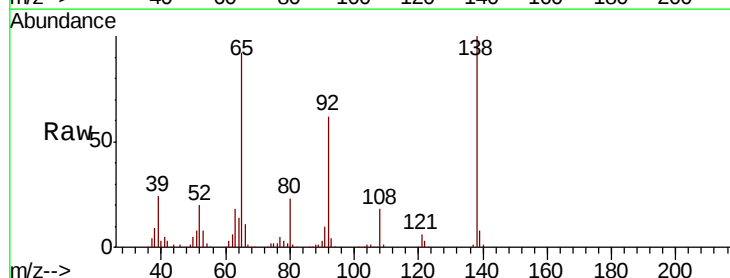


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

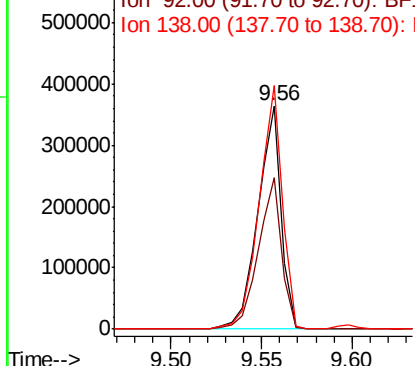
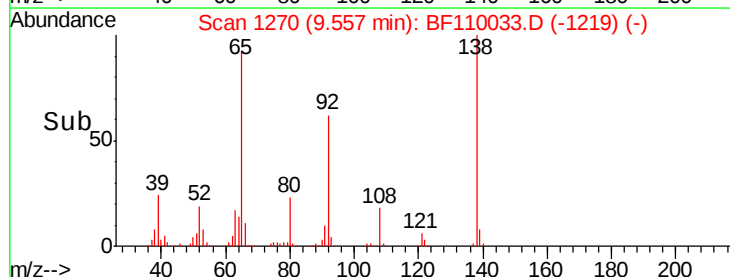


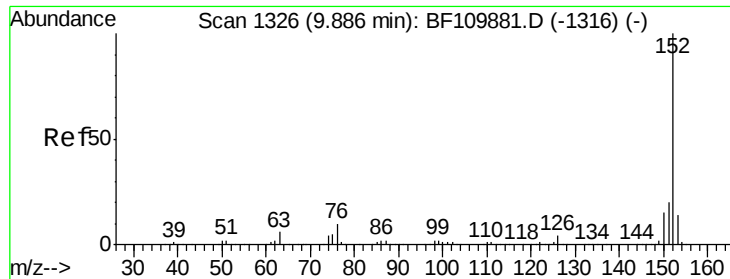
#48
 2-Nitroaniline
 Concen: 52.560 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion: 65 Resp: 324009
 Ion Ratio Lower Upper
 65 100
 92 68.0 54.6 81.8
 138 108.9 80.3 120.5



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





#49

Acenaphthylene

Concen: 45.035 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

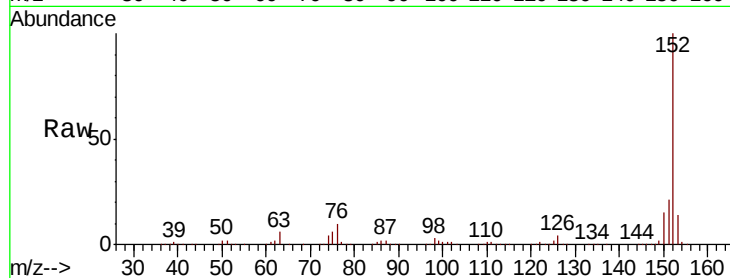
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1571555

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	14.2	10.4	15.6

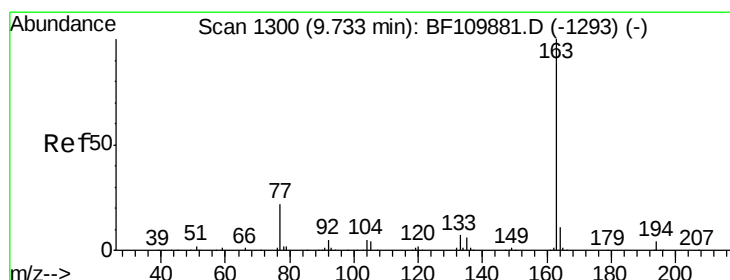
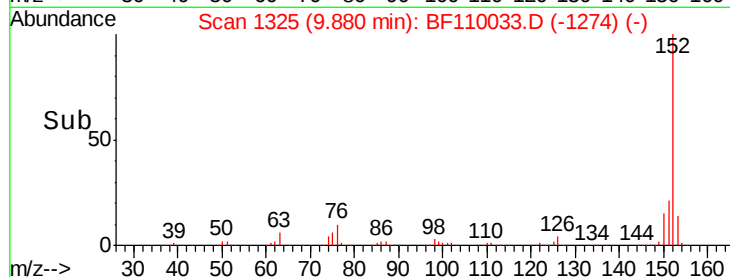
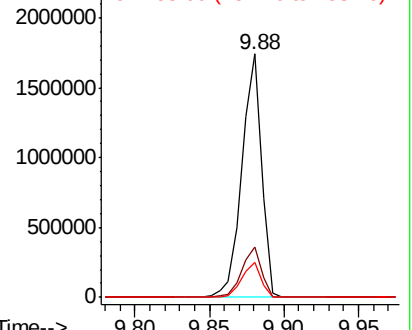


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.603 ng

RT: 9.73 min Scan# 1300

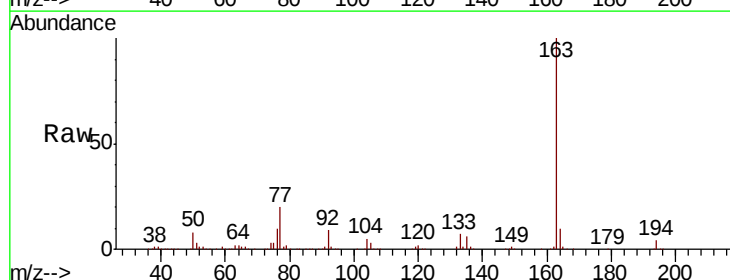
Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:163 Resp: 1207846

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	8.1	12.1

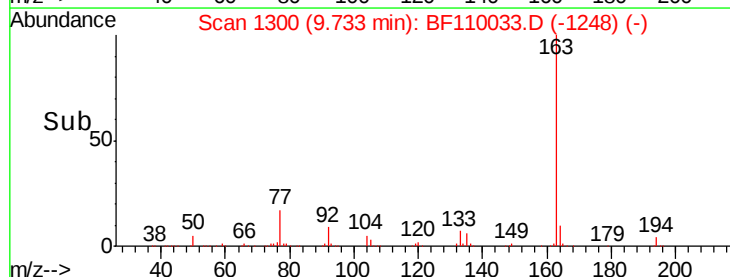
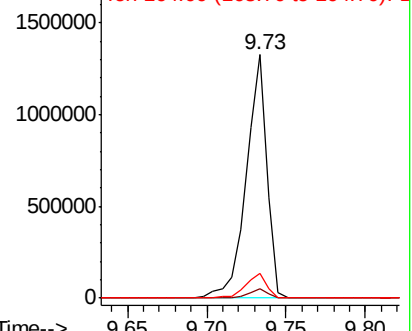


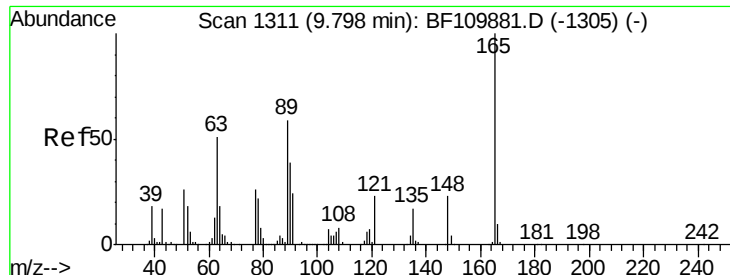
Abundance

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

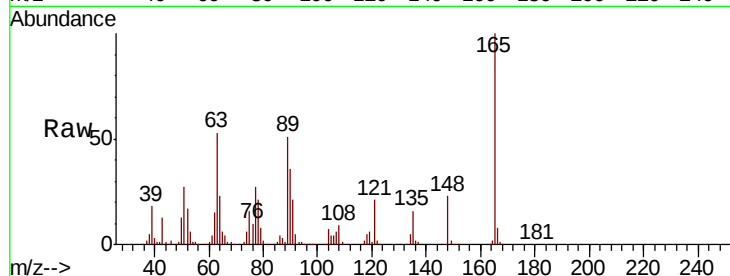




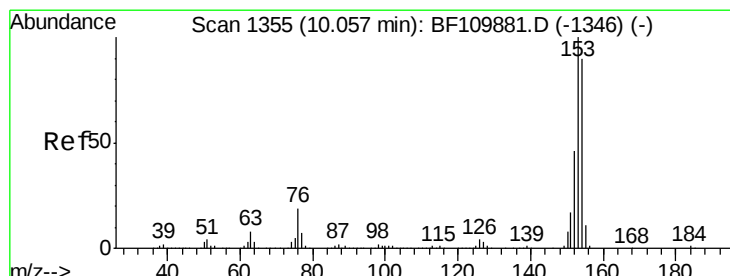
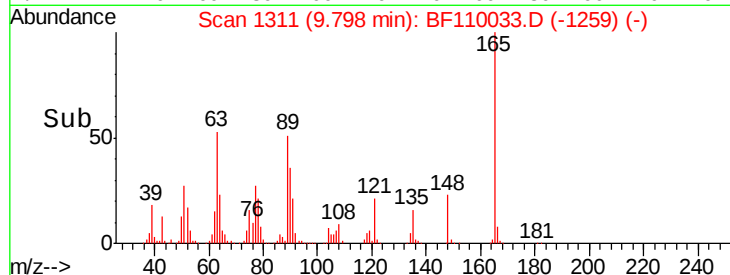
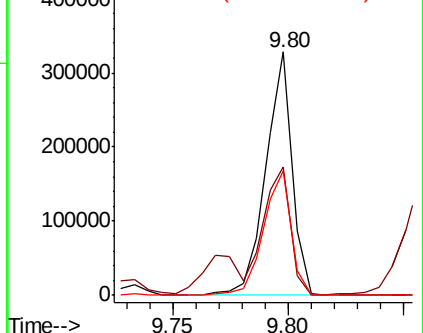
#51
2,6-Dinitrotoluene
Concen: 53.149 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	48.9	73.3
89	51.3	46.6	69.8

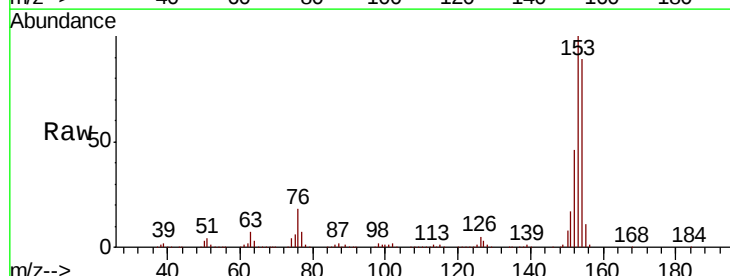


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

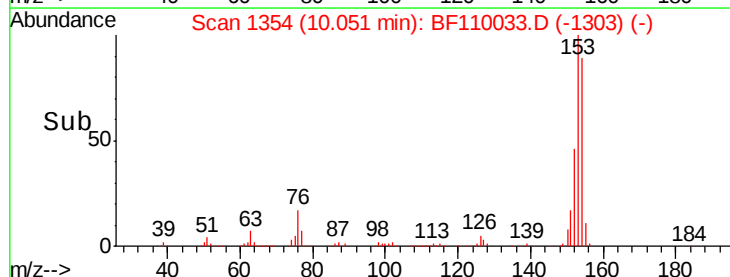
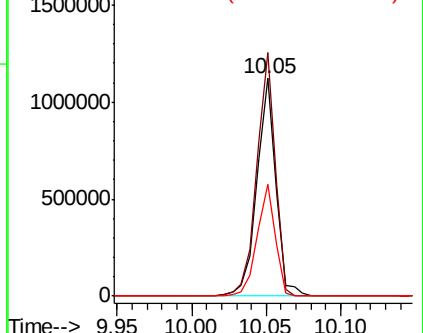


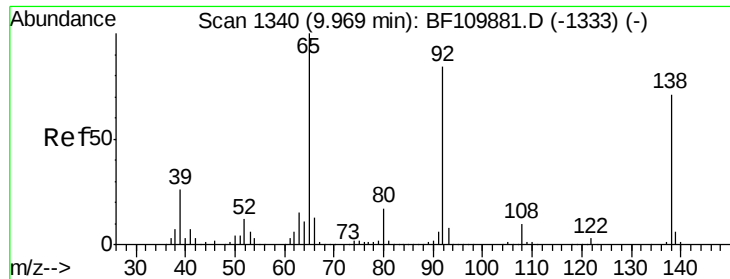
#52
Acenaphthene
Concen: 44.099 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	51.4	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

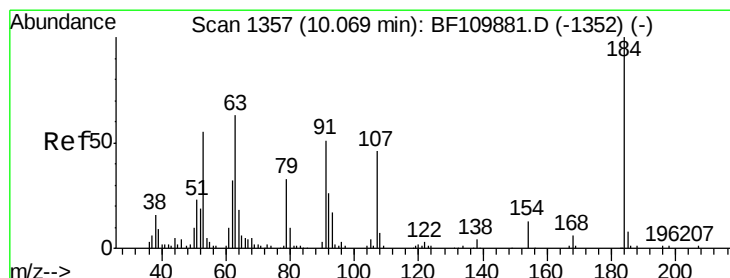
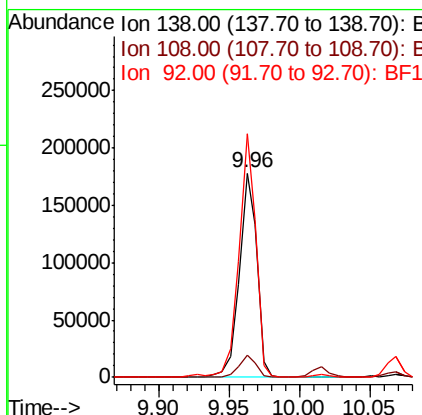
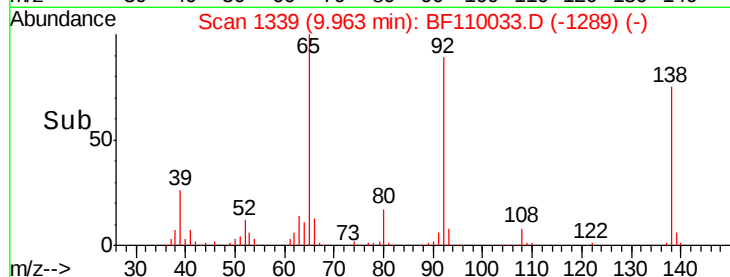
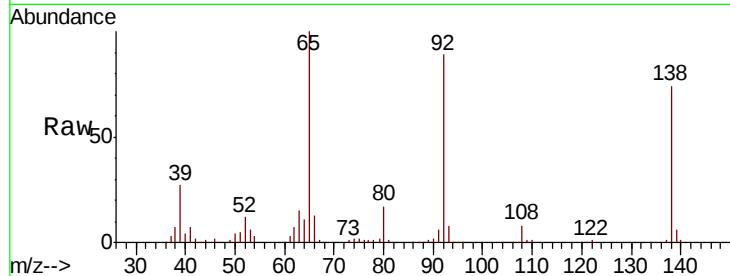




#53
 3-Nitroaniline
 Concen: 25.748 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

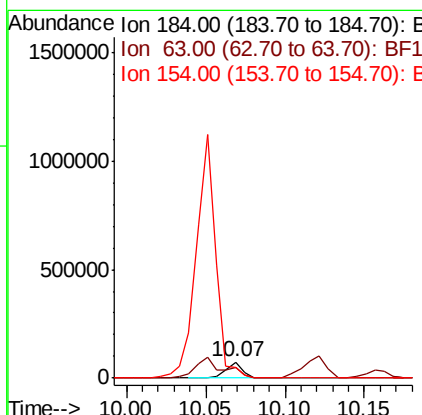
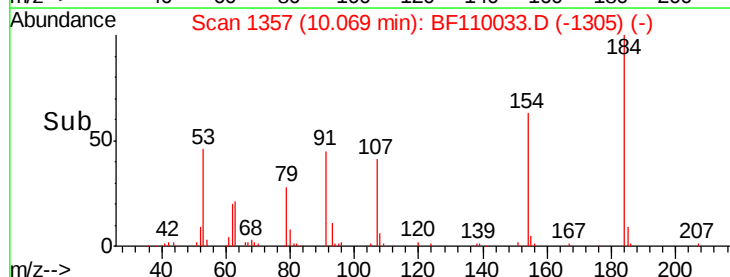
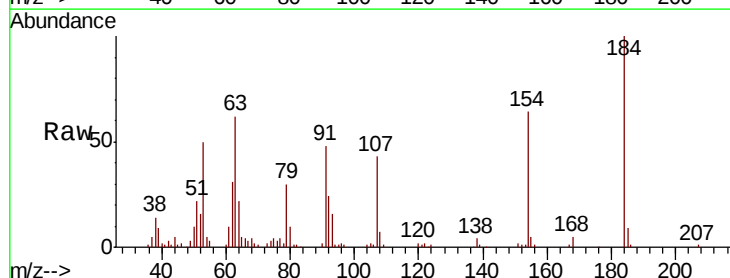
Instrument :
 BNA_F
 ClientSampleId :

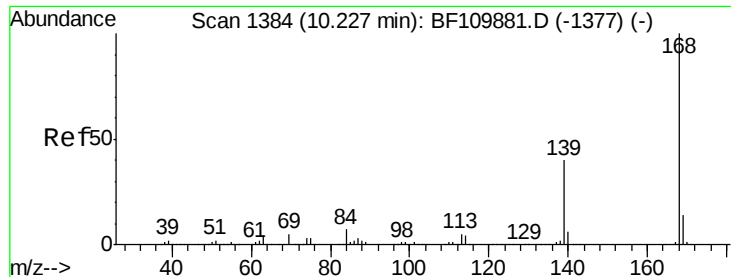
Tot Ion:138 Resp: 154179
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.7 13.1
 92 119.2 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 40.667 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:184 Resp: 56044
 Ion Ratio Lower Upper
 184 100
 63 61.9 55.8 83.6
 154 63.6 63.2 94.8





#55

Dibenzenofuran

Concen: 42.965 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

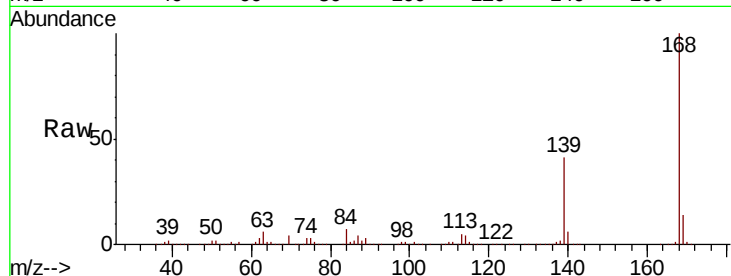
Tot Ion:168 Resp: 1361305

Ion Ratio Lower Upper

168 100

139 41.0 33.0 49.6

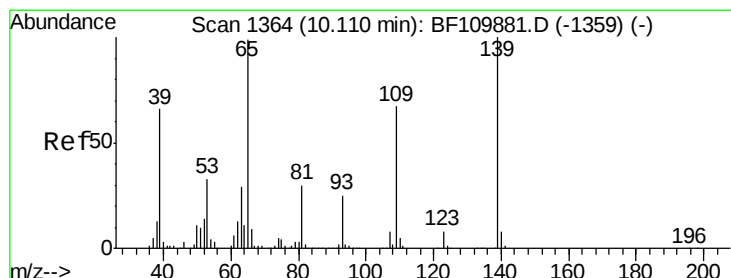
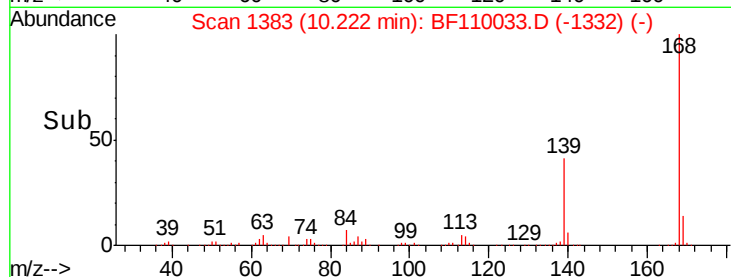
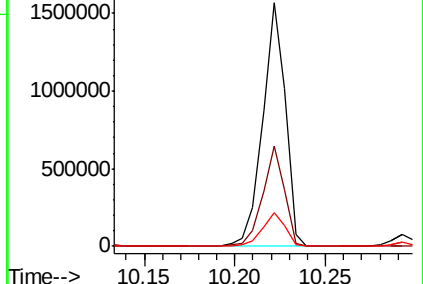
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.441 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

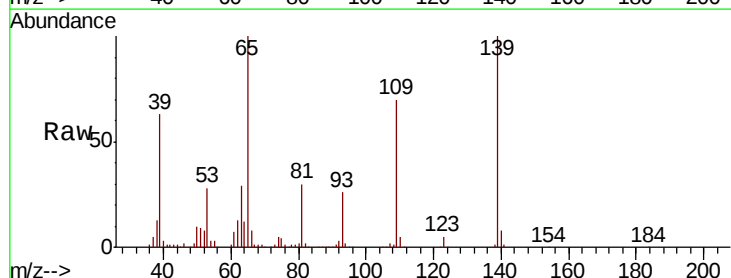
Tgt Ion:139 Resp: 376681

Ion Ratio Lower Upper

139 100

109 69.6 55.8 95.8

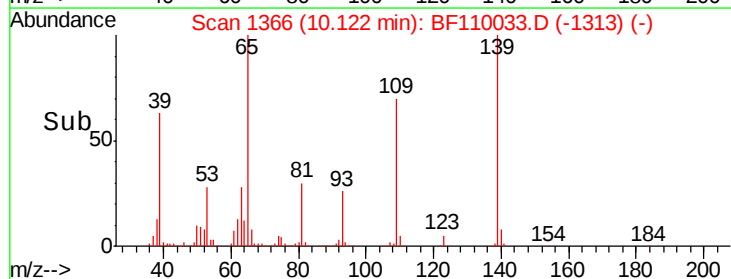
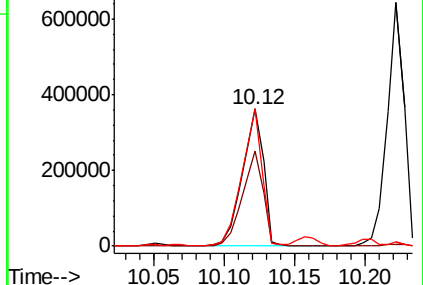
65 99.9 77.9 117.9

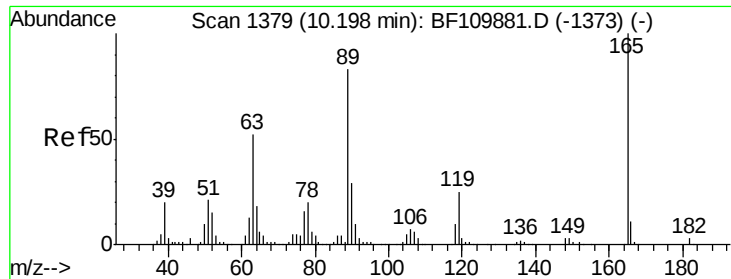


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

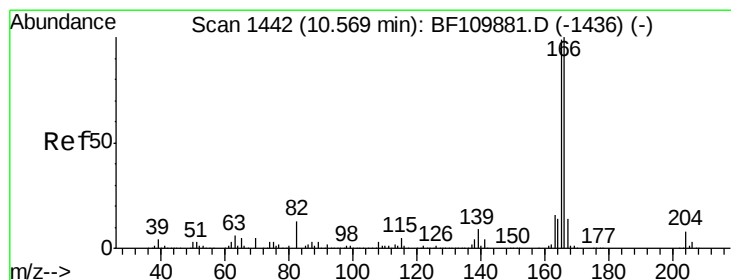
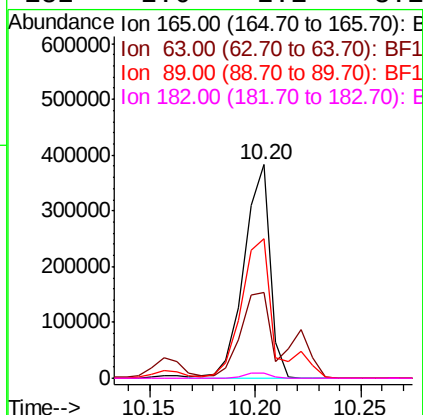
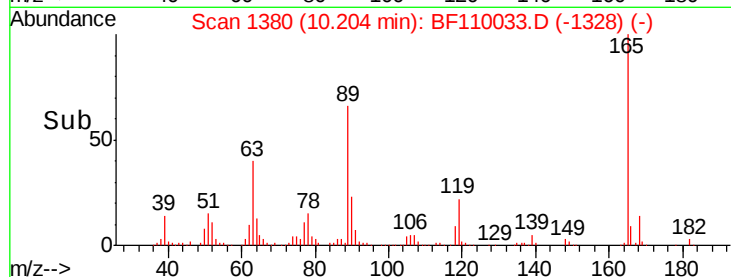
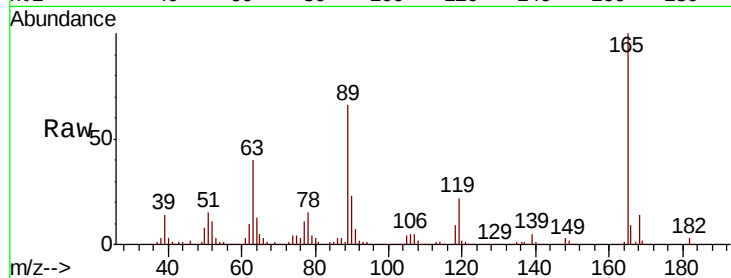




#57
2,4-Dinitrotoluene
Concen: 52.236 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

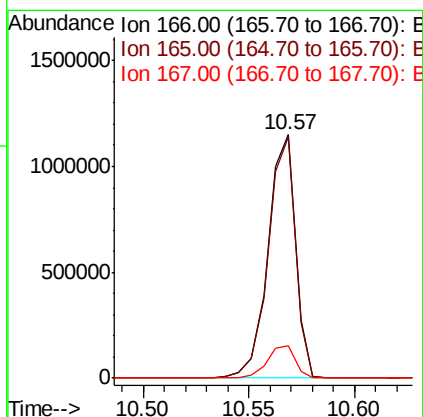
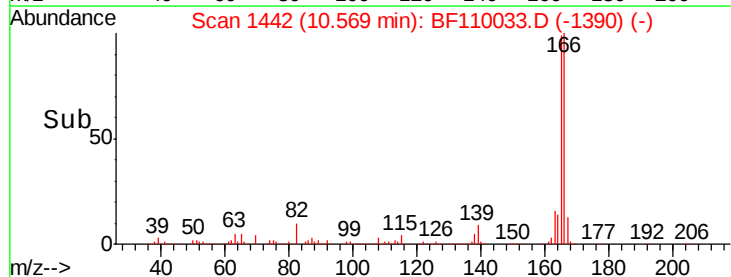
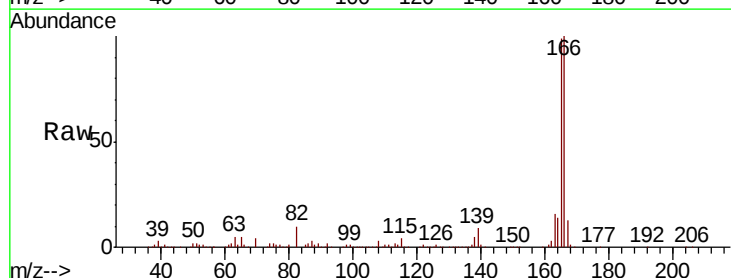
Instrument :
BNA_F
ClientSampled :

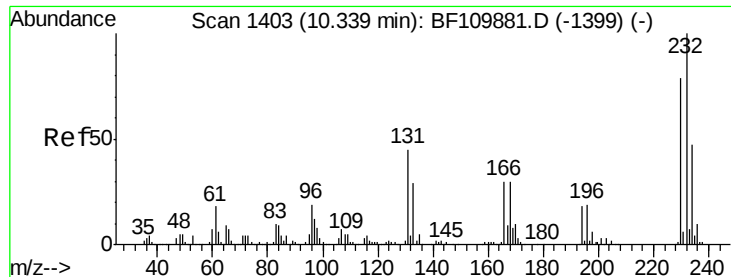
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	44.8	67.2#
89	65.6	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 45.039 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.1	10.8	16.2

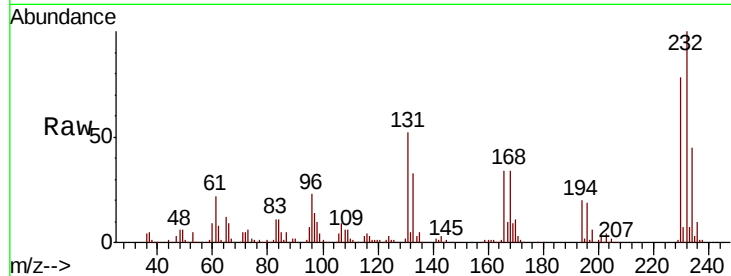




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.765 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0



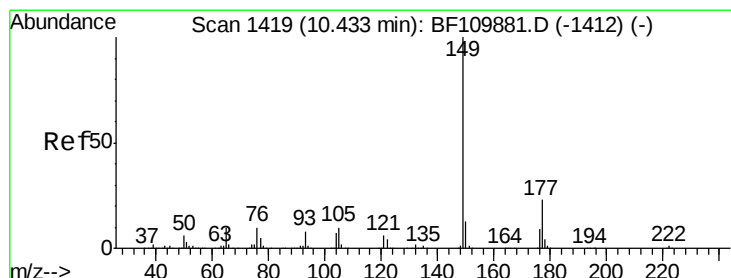
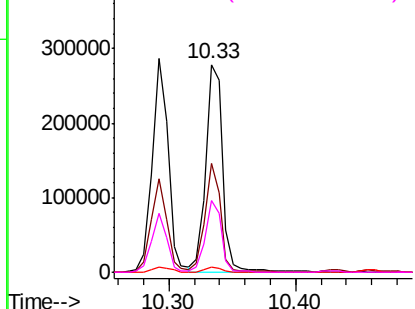
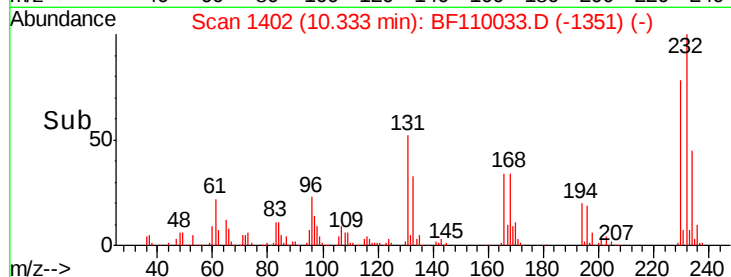
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

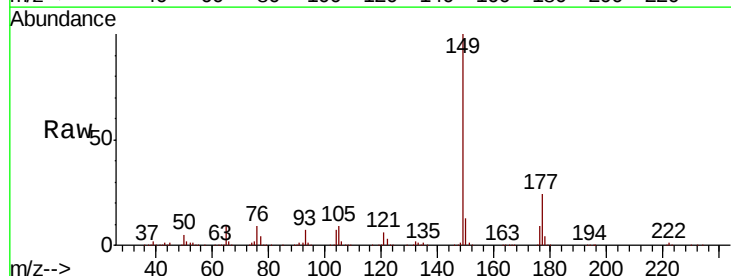
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.142 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.4	26.2
150	12.6	9.8	14.8

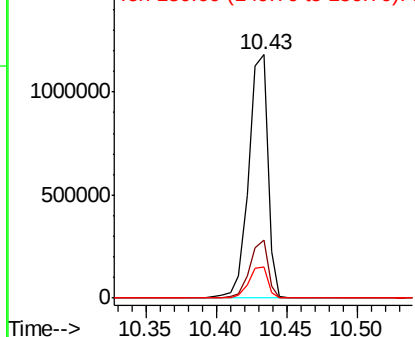
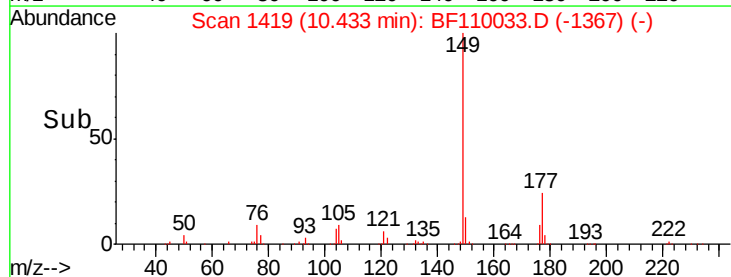


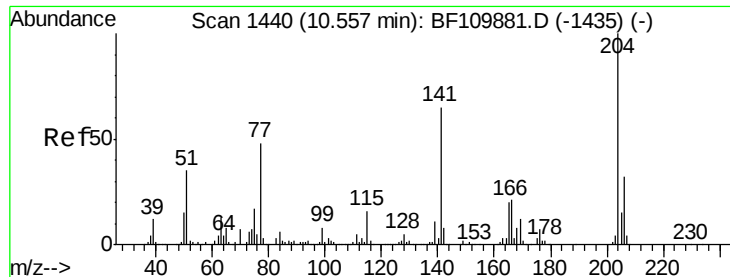
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

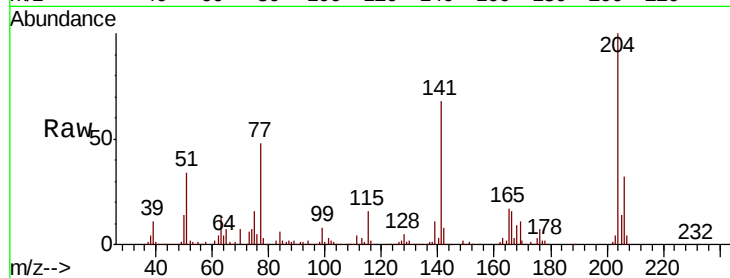




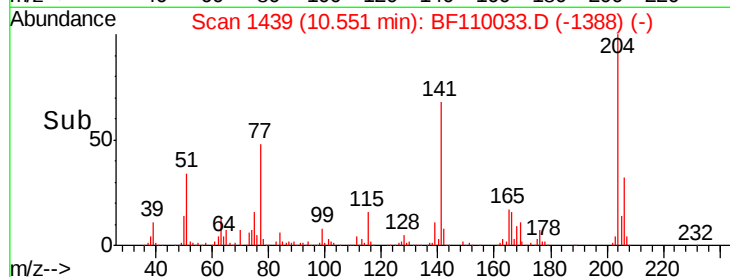
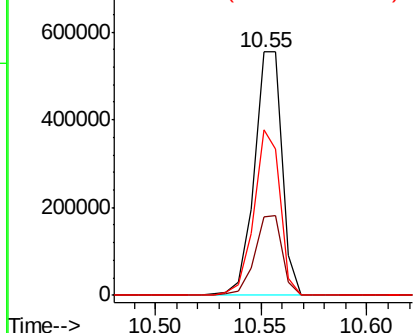
#61
4-Chlorophenyl-phenylether
Concen: 42.247 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion: 204 Resp: 507583
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 67.9 51.8 77.8

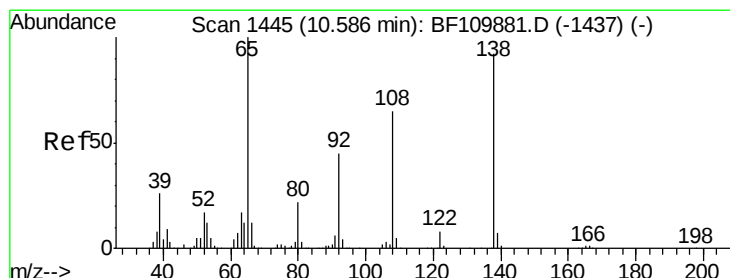


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

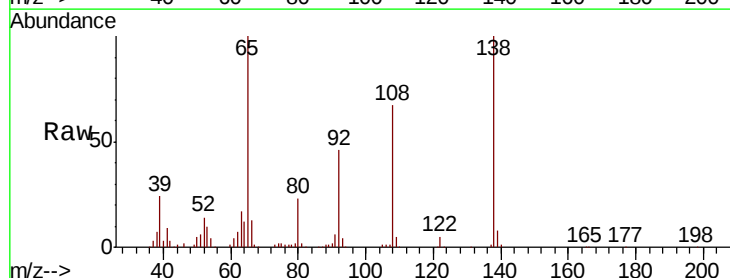
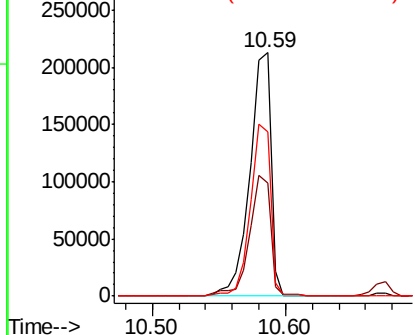


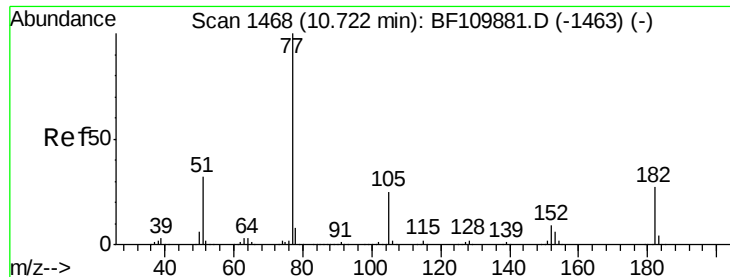
#62
4-Nitroaniline
Concen: 40.623 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion: 138 Resp: 230266
Ion Ratio Lower Upper
138 100
92 46.2 31.7 71.7
108 67.5 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: 41.073 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1098387

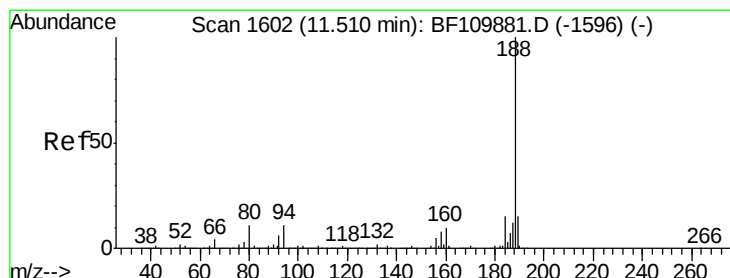
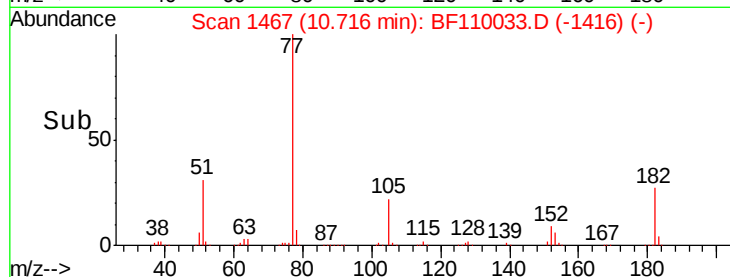
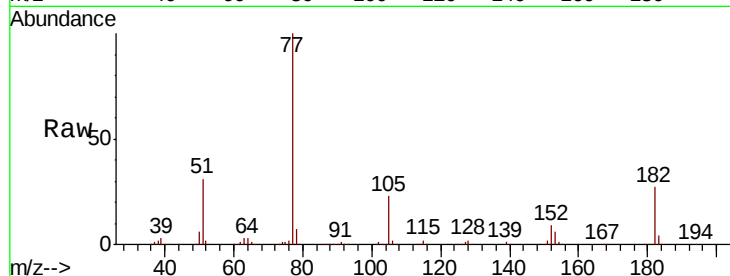
Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.3	44.3
105	23.1	1.3	41.3
51	31.0	9.0	49.0

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: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

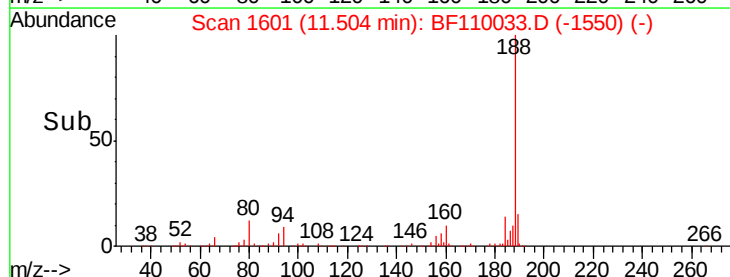
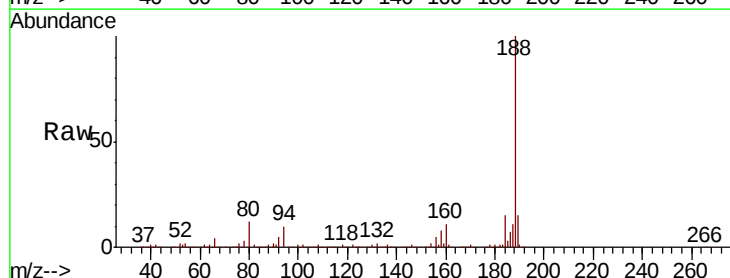
Tgt Ion: 188 Resp: 581626

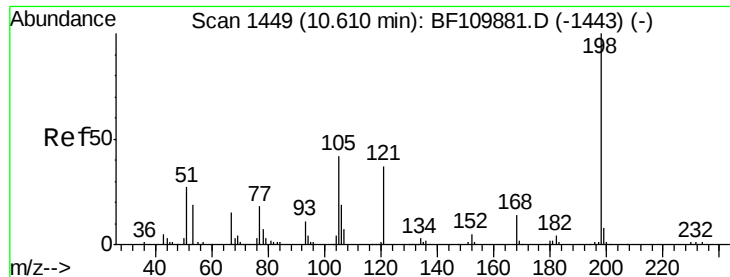
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	11.8	7.9	11.9

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

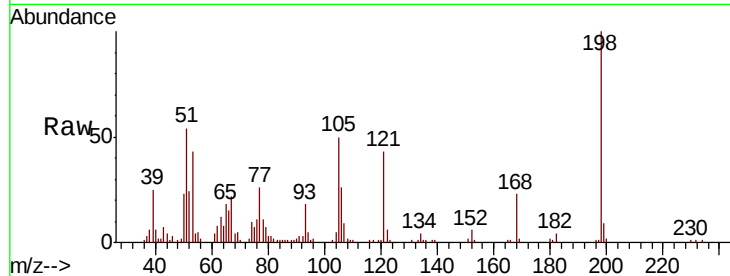




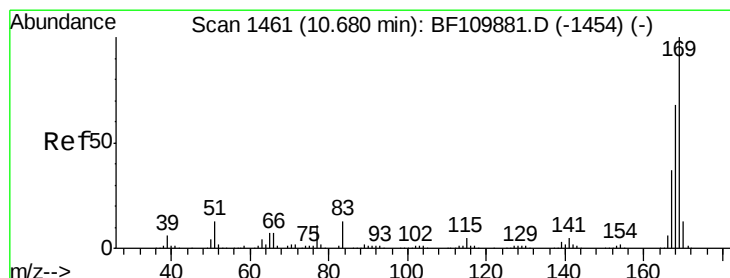
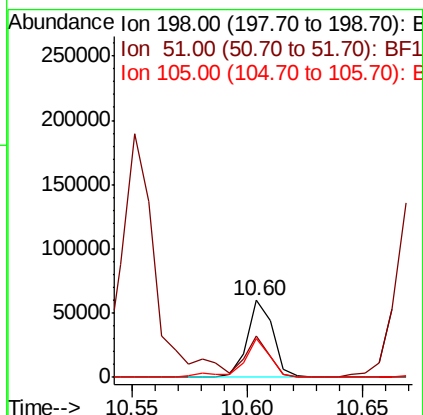
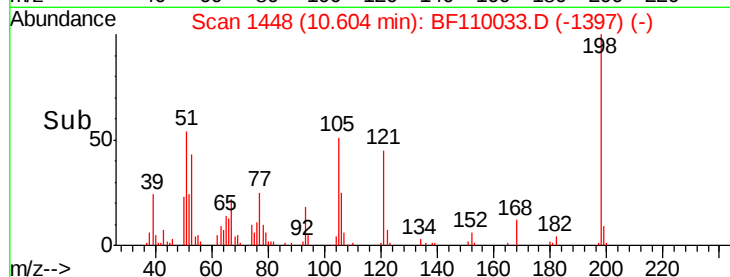
#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.634 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 47245
 Ion Ratio Lower Upper
 198 100
 51 53.8 22.8 62.8
 105 49.8 23.6 63.6

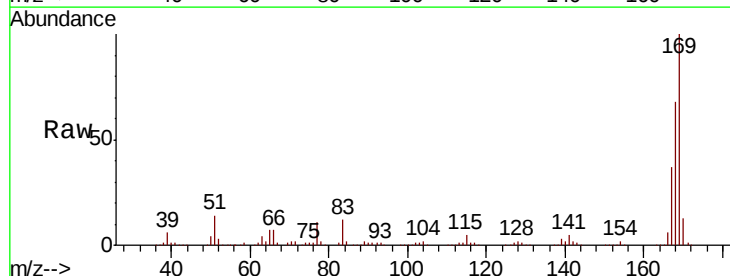


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

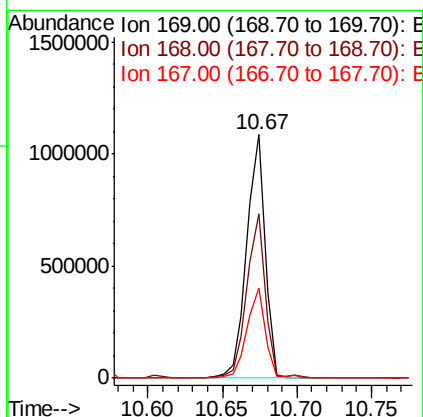
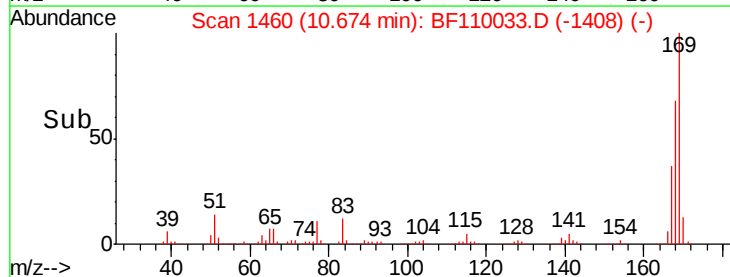


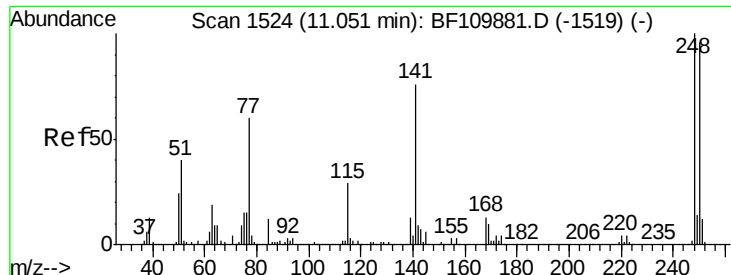
#66
 n-Nitrosodiphenylamine
 Concen: 48.056 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:169 Resp: 930920
 Ion Ratio Lower Upper
 169 100
 168 67.7 51.2 76.8
 167 36.9 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

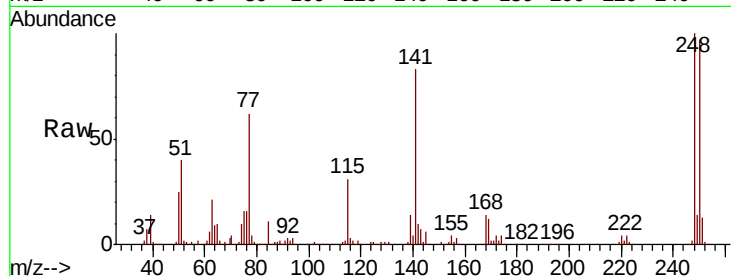




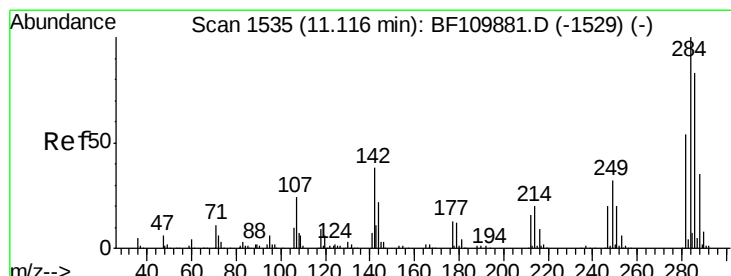
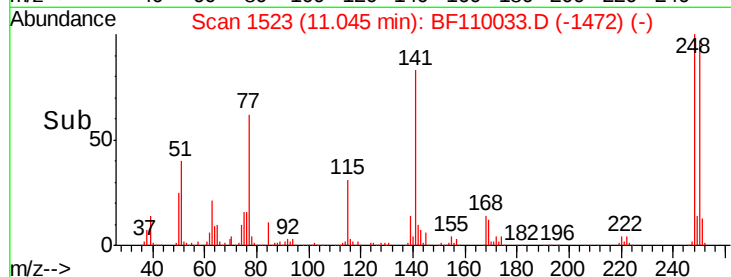
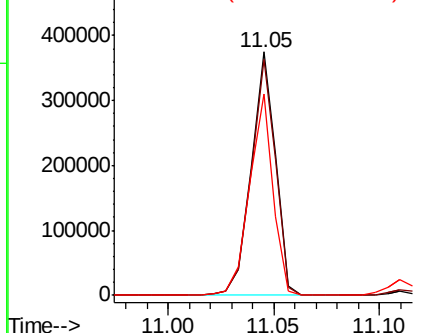
#67
4-Bromophenyl-phenylether
Concen: 47.813 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 301382
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 82.5 55.9 83.9

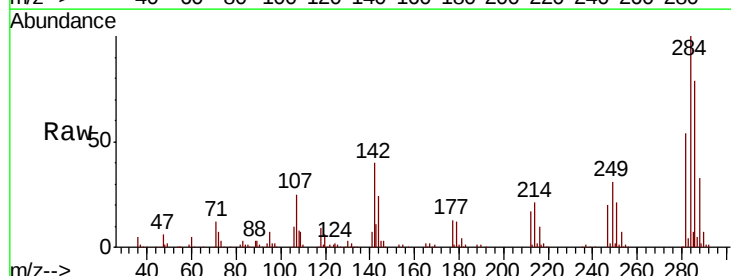


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

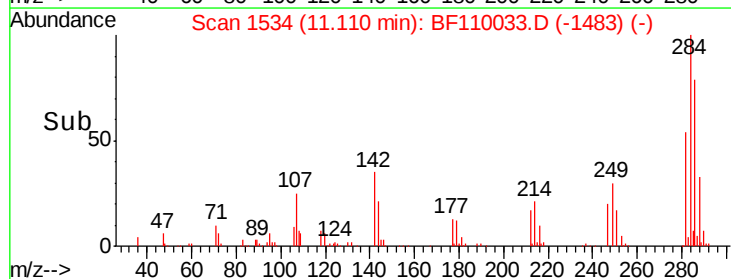
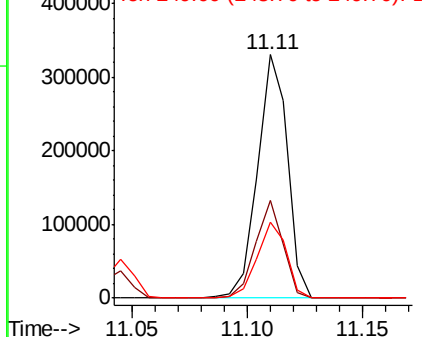


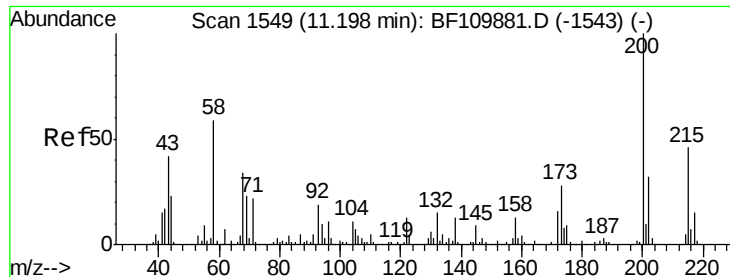
#68
Hexachlorobenzene
Concen: 44.472 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:284 Resp: 298926
Ion Ratio Lower Upper
284 100
142 40.2 23.9 35.9#
249 31.1 24.2 36.2



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

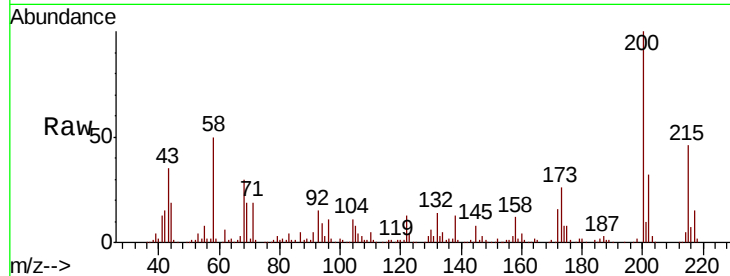




#69
 Atrazine
 Concen: 49.956 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	45.8	26.3	66.3

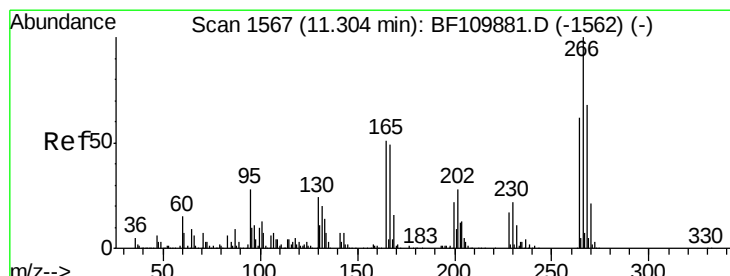
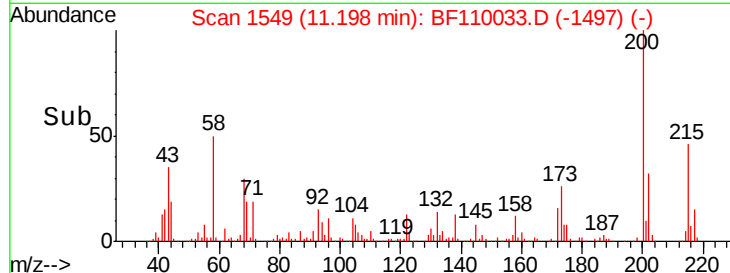
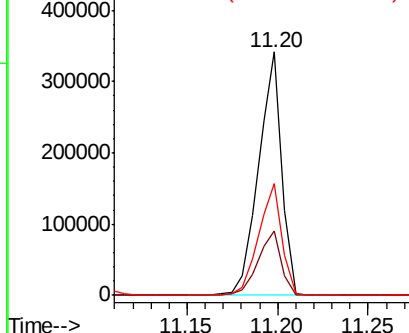


Abundance

Ion 200.00 (199.70 to 200.70): E

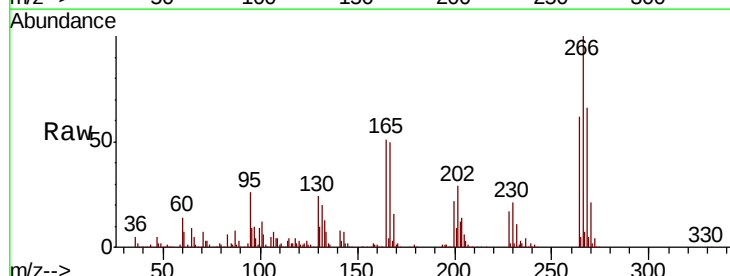
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 65.246 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	50.6	75.8
264	62.1	50.6	75.8

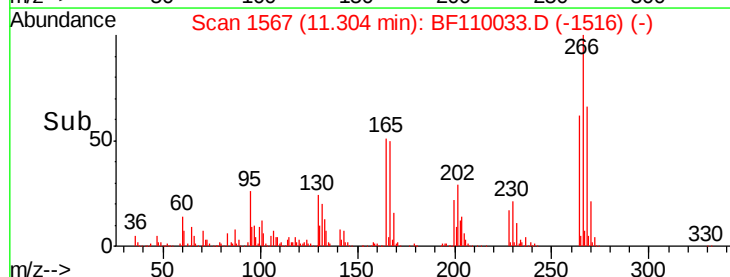
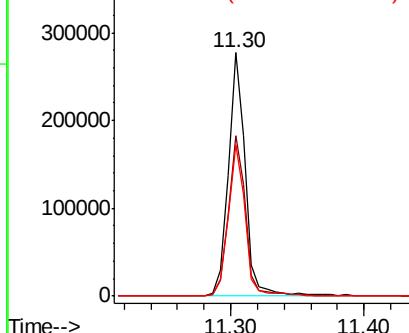


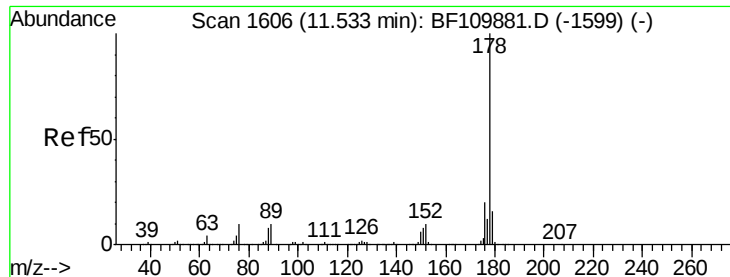
Abundance

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: 45.657 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

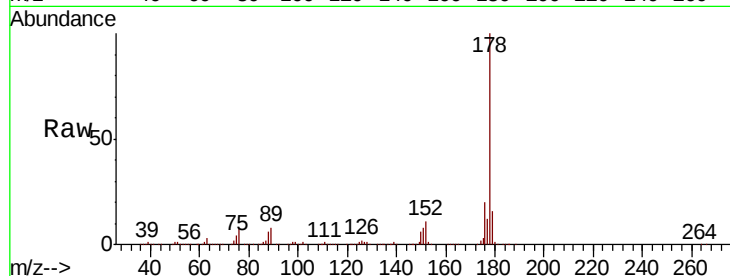
Tot Ion:178 Resp: 1374783

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

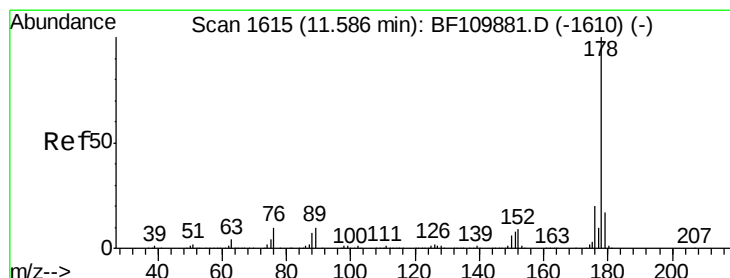
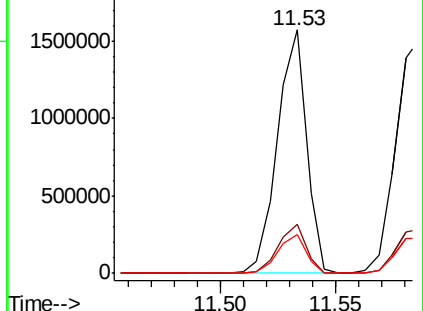
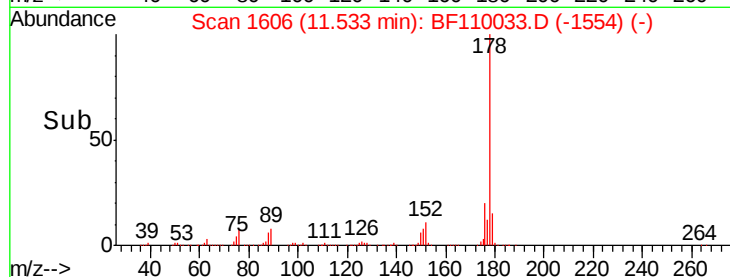
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.557 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

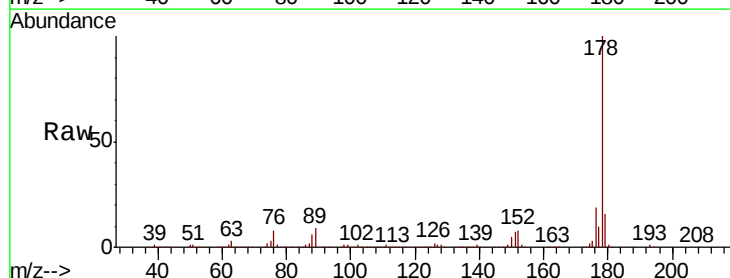
Tgt Ion:178 Resp: 1409403

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

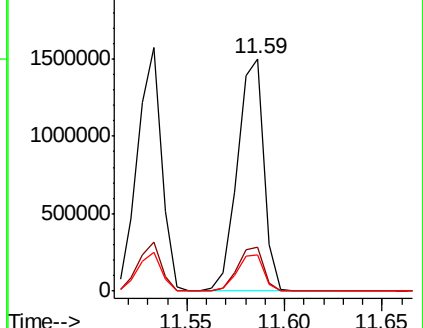
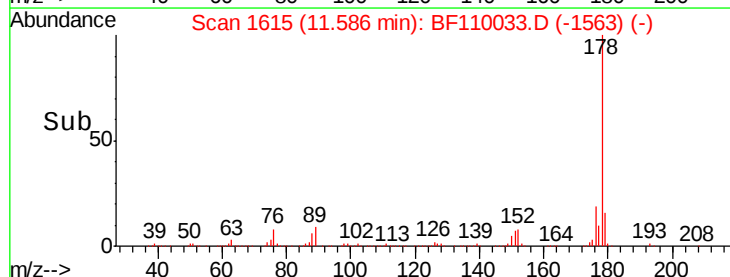
179 15.7 12.6 18.8



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

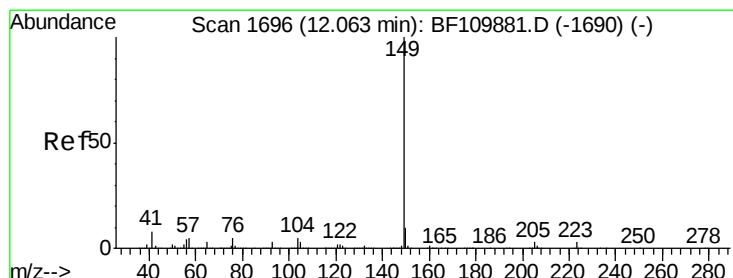
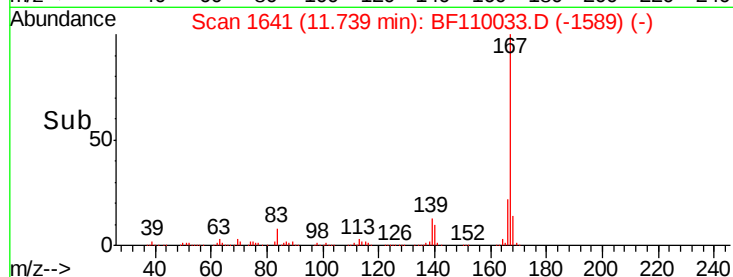
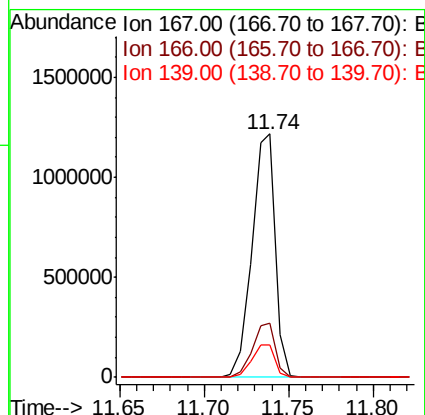
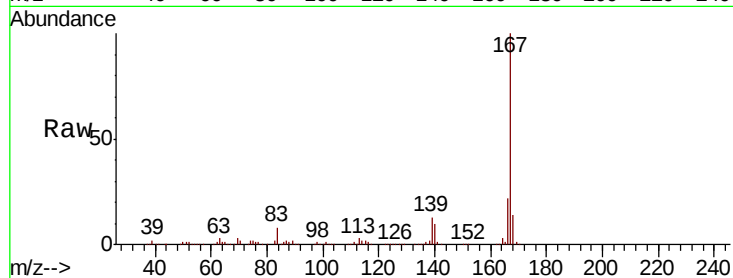




#73
 Carbazole
 Concen: 39.549 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

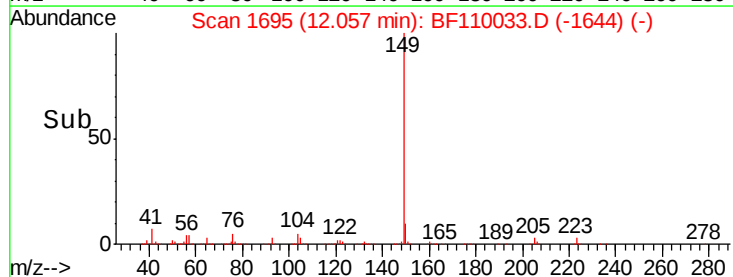
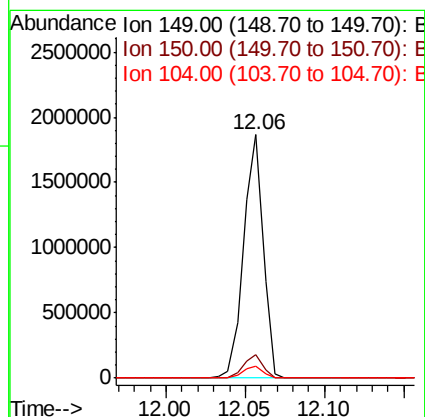
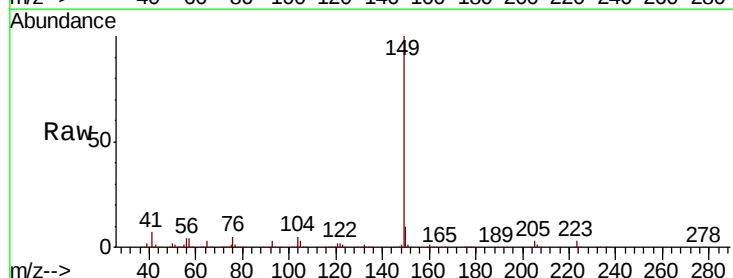
Instrument :
 BNA_F
 ClientSampleId :

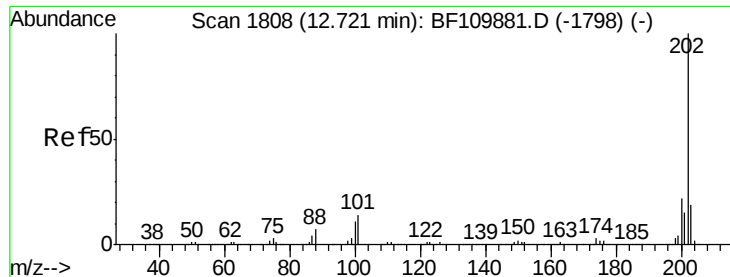
Tot Ion:167 Resp: 1176659
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 47.917 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:149 Resp: 1591019
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.1 4.2 6.4

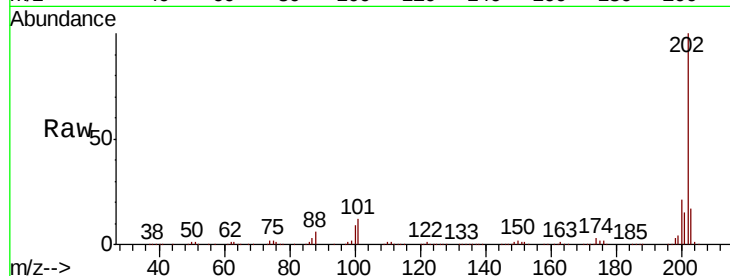




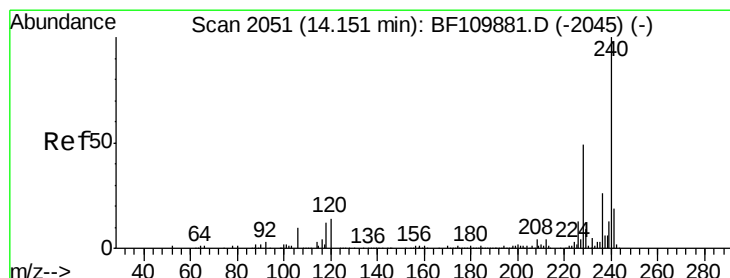
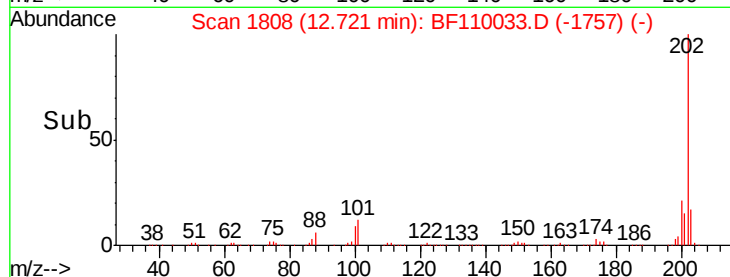
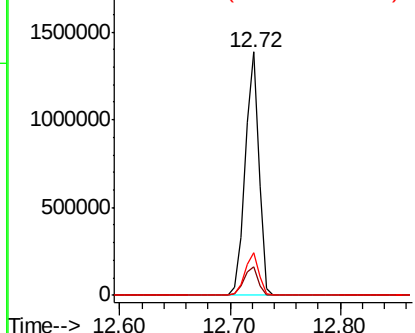
#75
 Fluoranthene
 Concen: 40.209 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1209516
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.4
 203 17.4 0.0 37.7

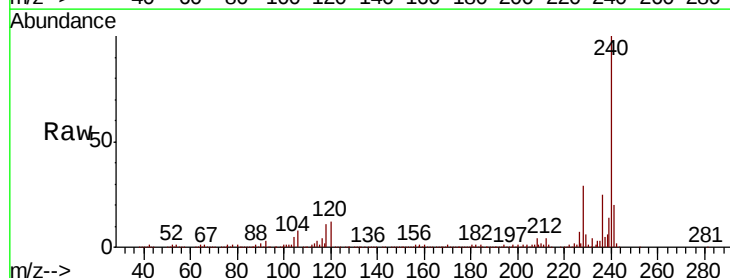


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

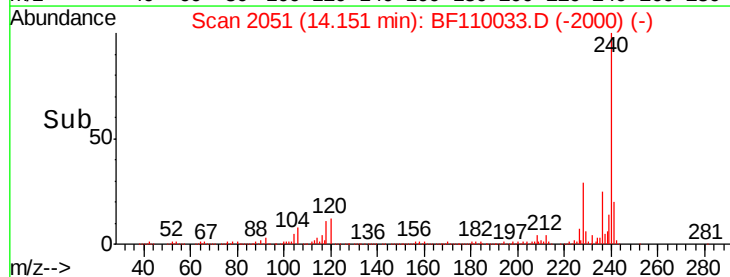
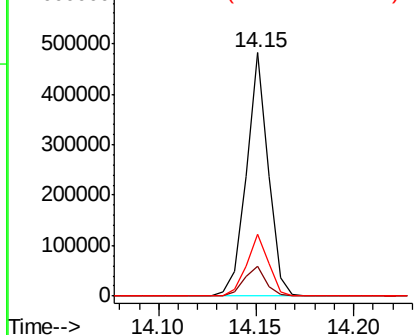


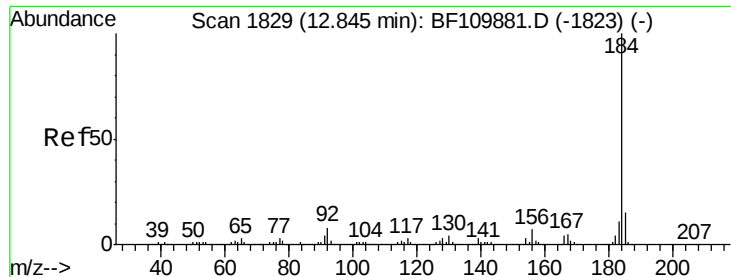
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF110033.D
 Acq: 20 Oct 2018 6:03

Tgt Ion:240 Resp: 372134
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 25.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.045 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampleId :

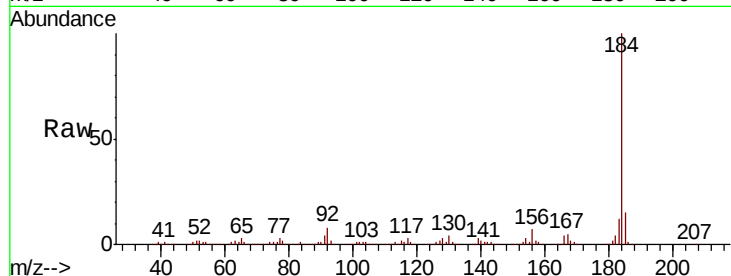
Tot Ion:184 Resp: 500027

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

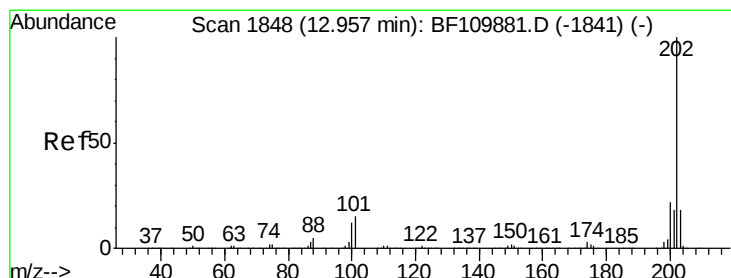
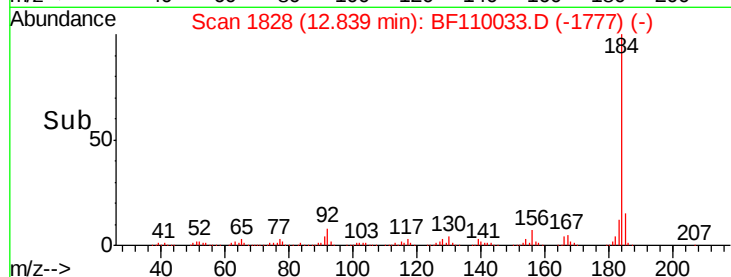
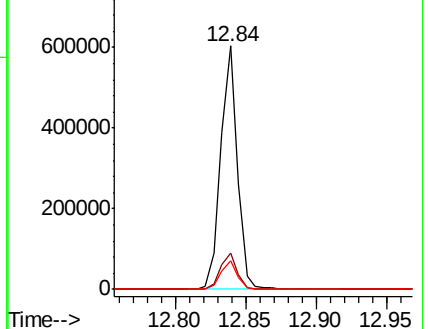
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.382 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

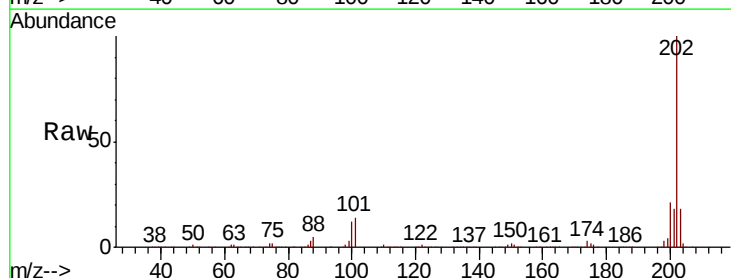
Tgt Ion:202 Resp: 1185730

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

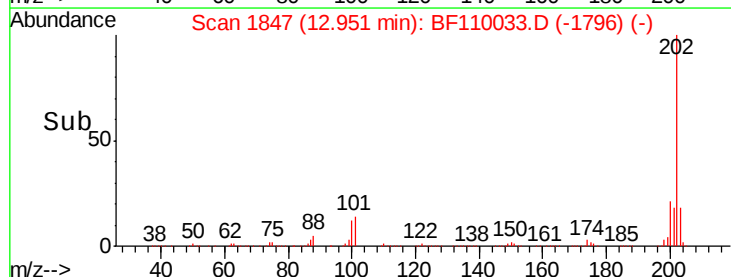
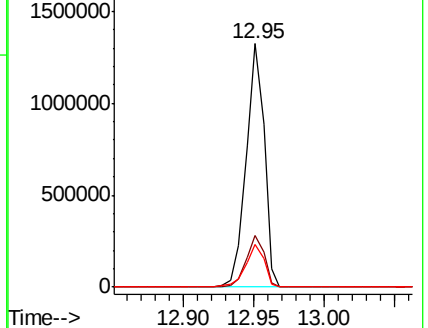
203 17.7 14.2 21.4

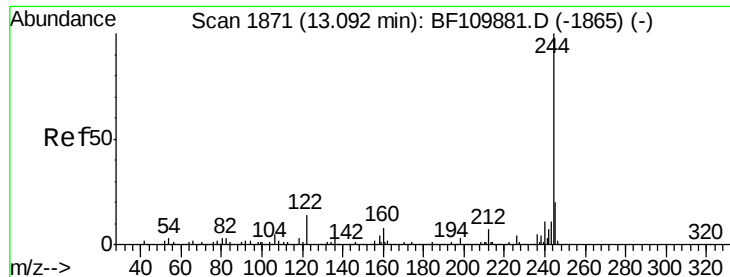


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.699 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

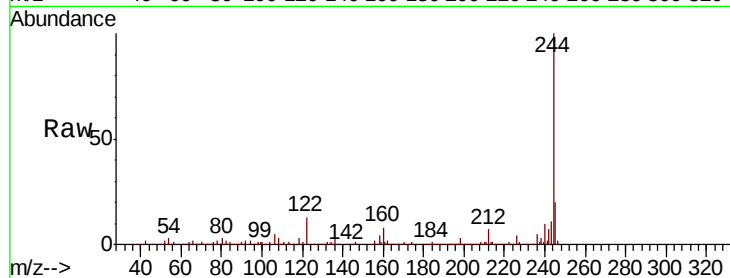
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1447812

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.2	8.7	13.1

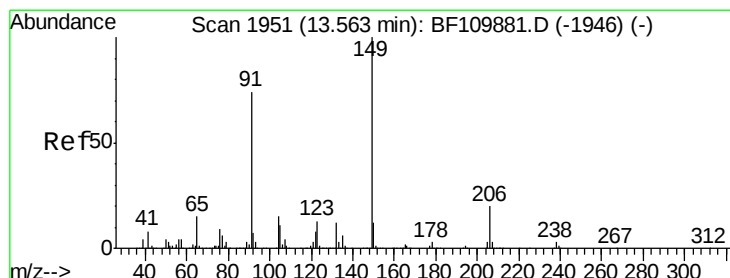
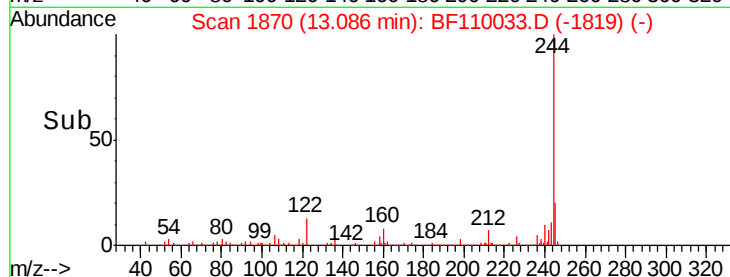
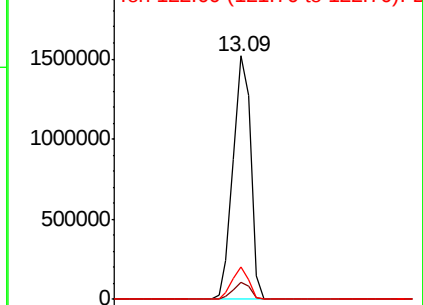


Abundance

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: 48.996 ng

RT: 13.56 min Scan# 1950

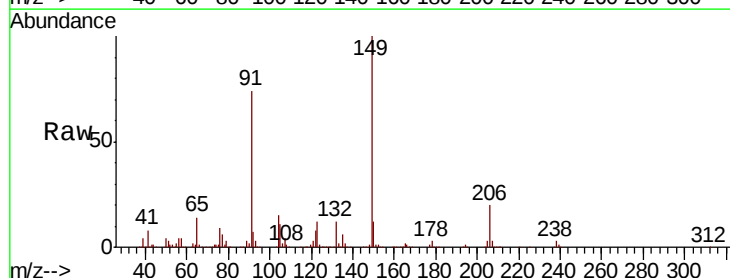
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:149 Resp: 541408

Ion	Ratio	Lower	Upper
149	100		
91	74.0	57.2	85.8
206	19.8	15.7	23.5

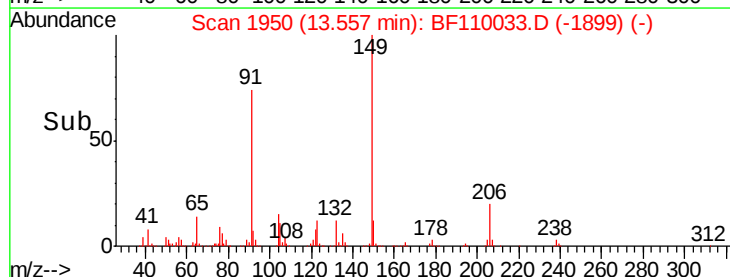
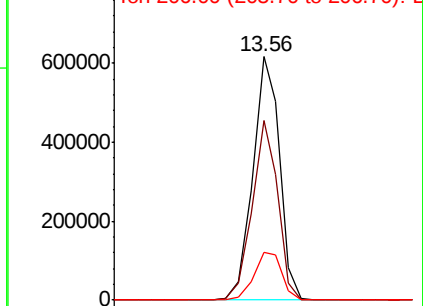


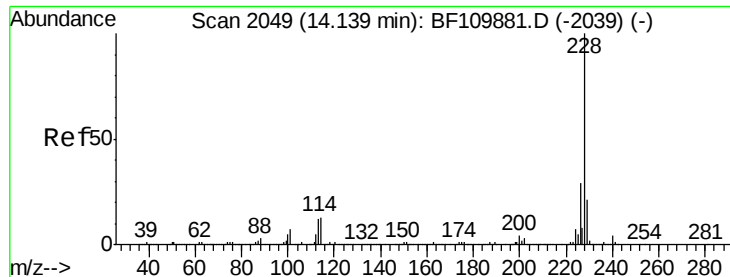
Abundance

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: 47.305 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampled :

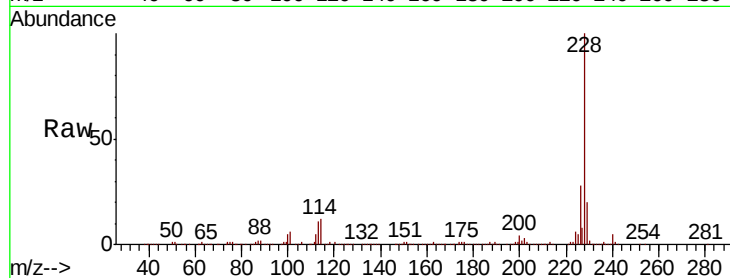
Tot Ion:228 Resp: 1036911

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

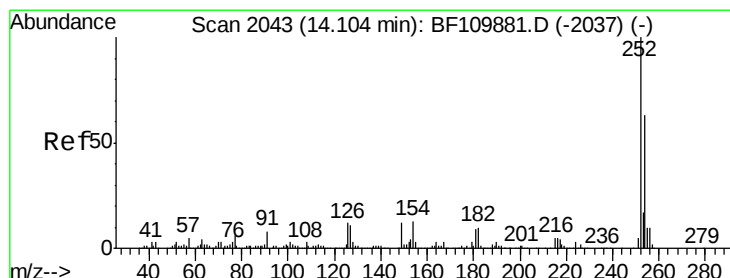
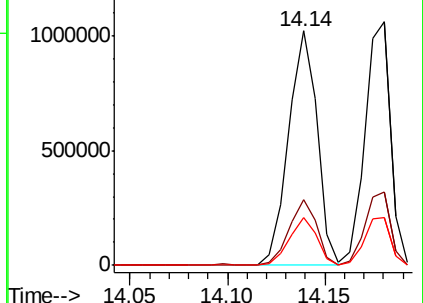
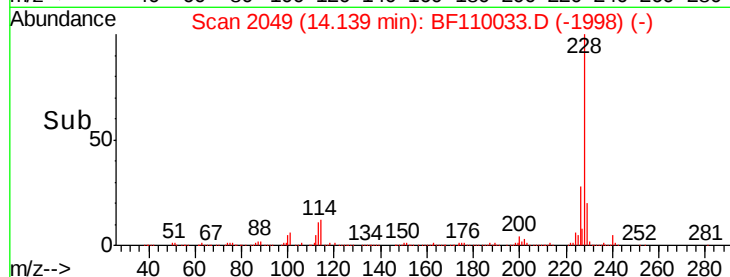
229 20.2 15.6 23.4



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: 37.285 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

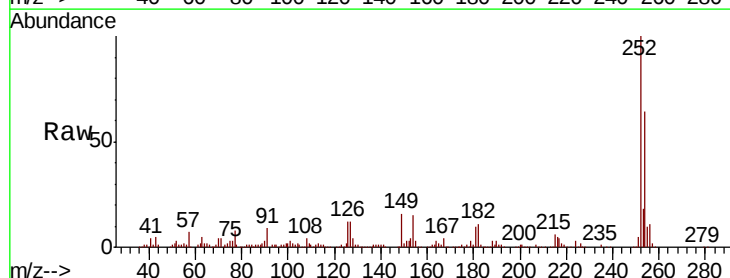
Tgt Ion:252 Resp: 286518

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

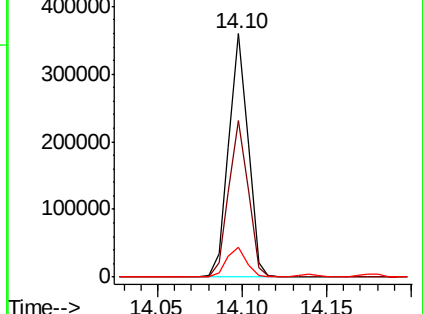
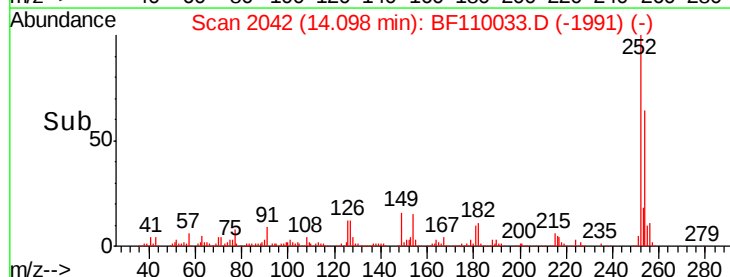
126 12.2 9.4 14.2

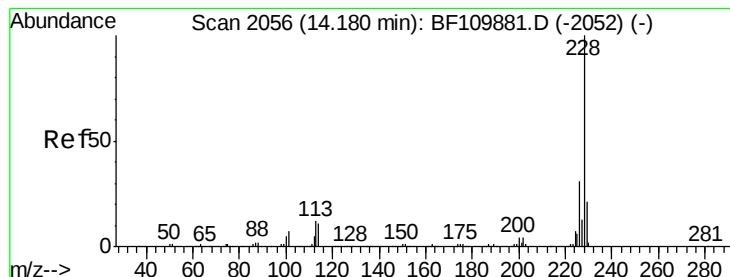


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.066 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Instrument :

BNA_F

ClientSampled :

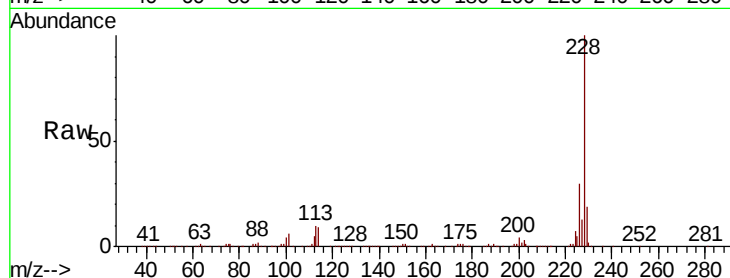
Tot Ion:228 Resp: 961121

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

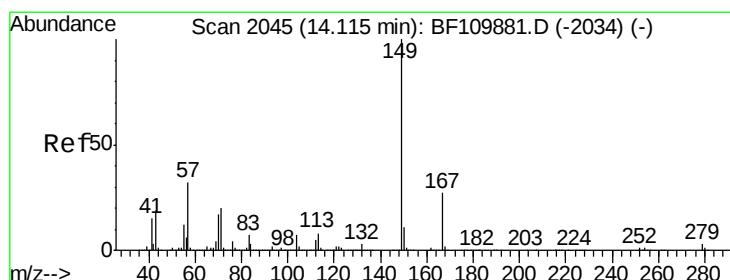
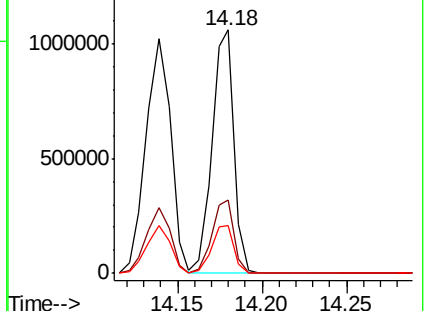
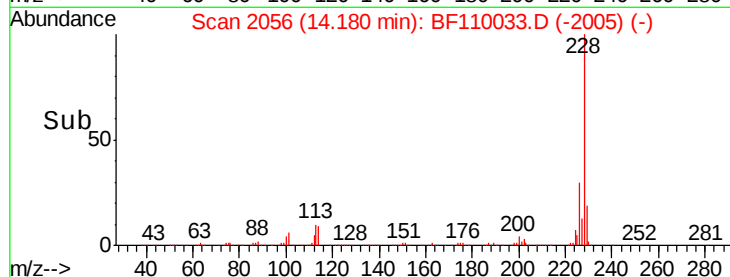
229 19.4 15.9 23.9



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: 51.807 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

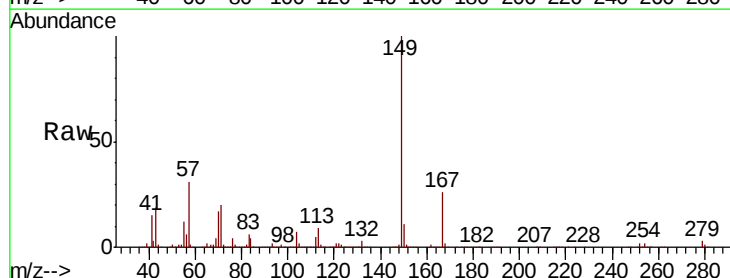
Tgt Ion:149 Resp: 753274

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

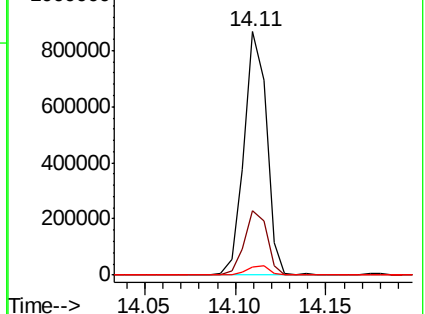
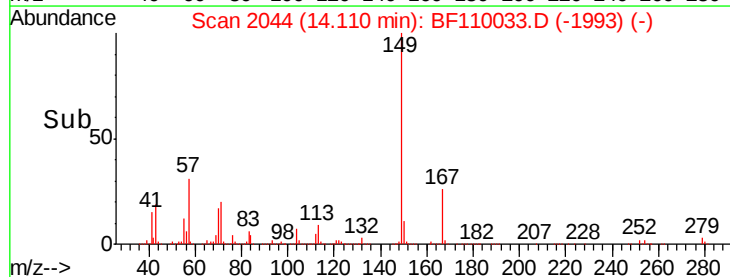
279 3.4 2.7 4.1

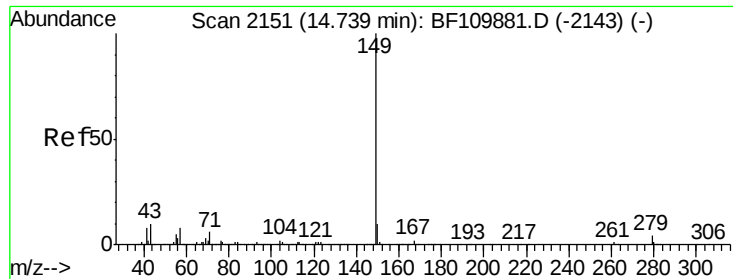


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

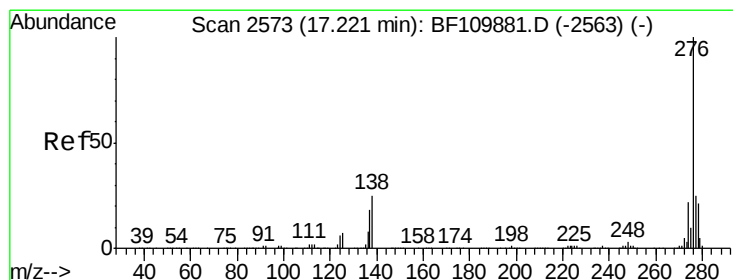
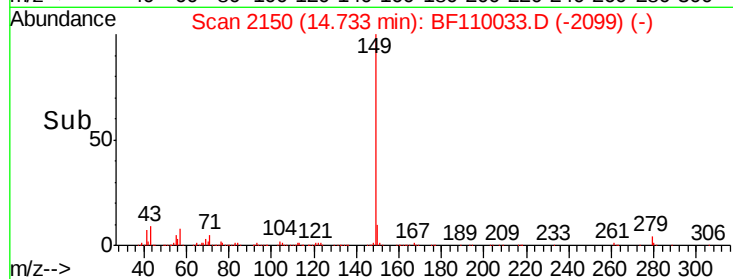
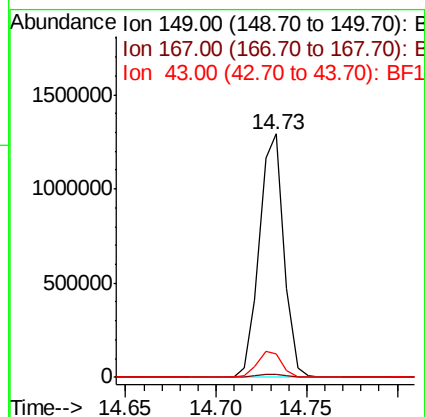
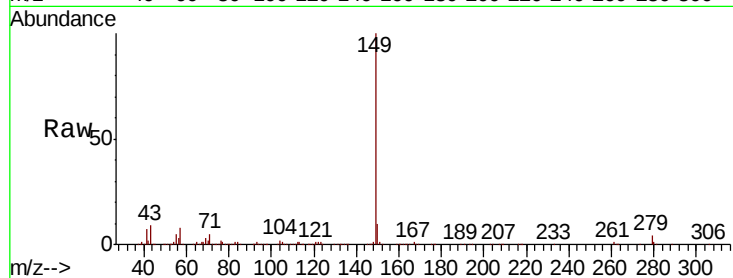




#85
Di-n-octyl phthalate
Concen: 59.523 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

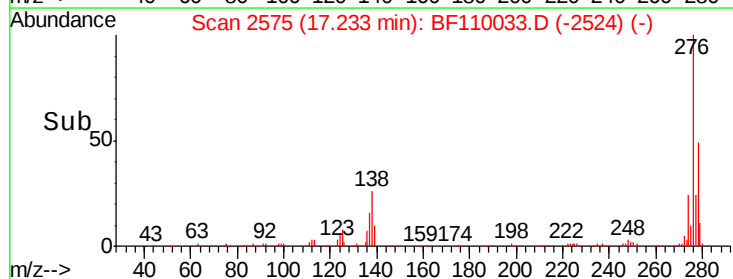
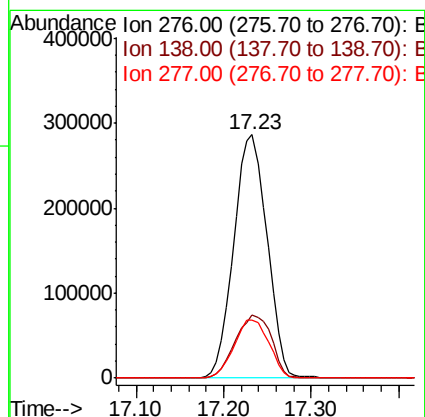
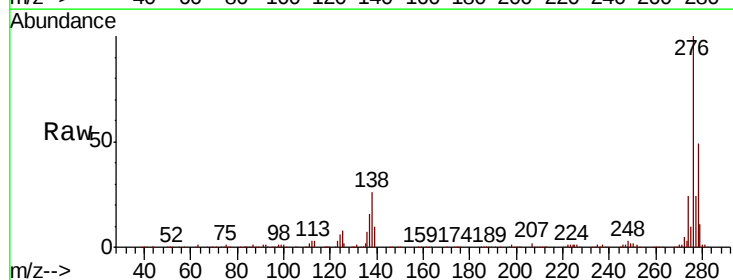
Instrument :
BNA_F
ClientSampleId :

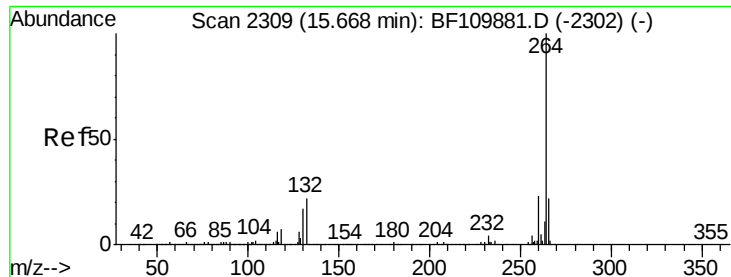
Tot Ion:149 Resp: 1220170
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.070 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:276 Resp: 740332
Ion Ratio Lower Upper
276 100
138 28.2 18.5 27.7#
277 25.0 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

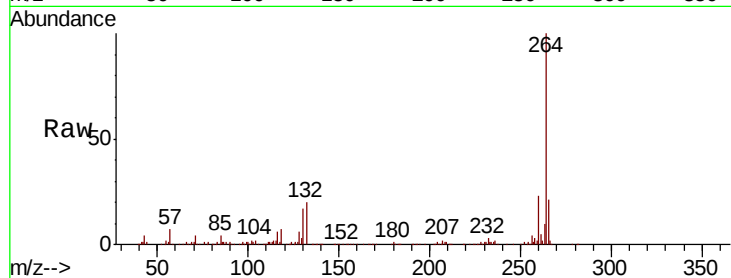
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 315538

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.1	16.7	25.1

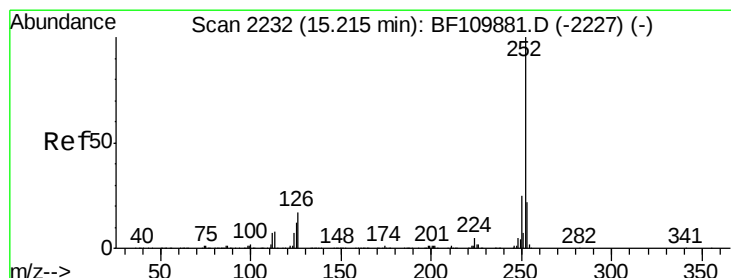
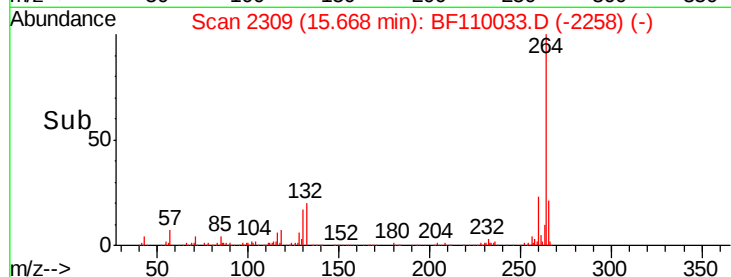
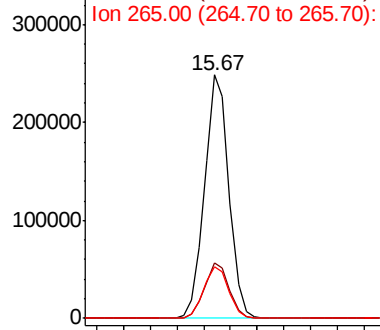


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.374 ng

RT: 15.22 min Scan# 2233

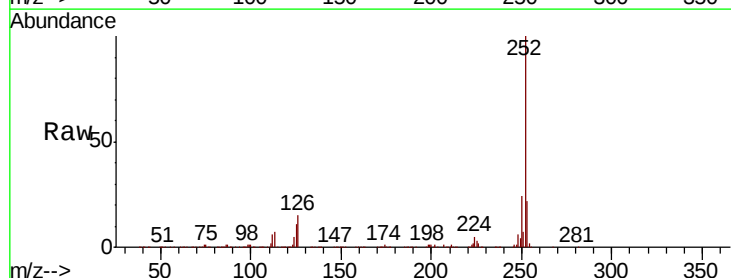
Delta R.T. -0.00 min

Lab File: BF110033.D

Acq: 20 Oct 2018 6:03

Tgt Ion:252 Resp: 916380

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.8	8.2	12.4

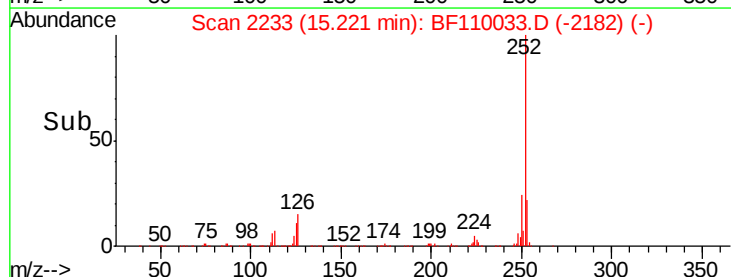
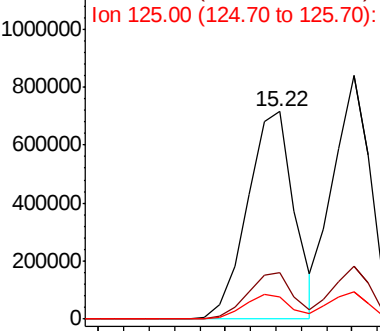


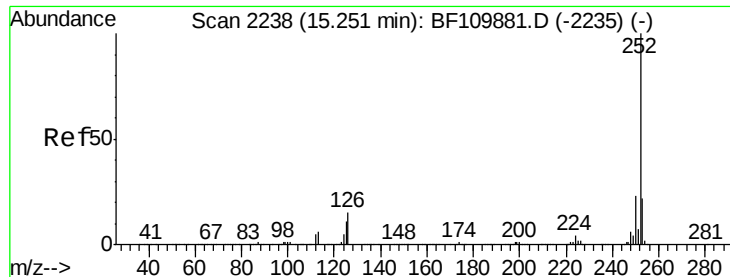
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

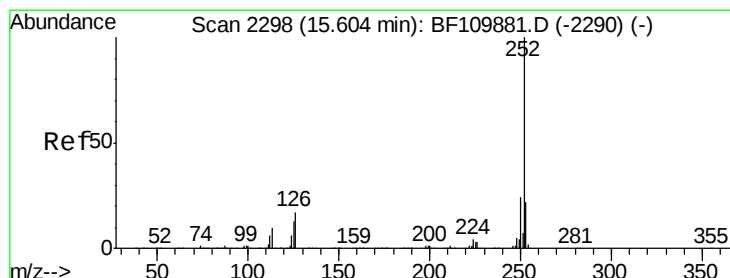
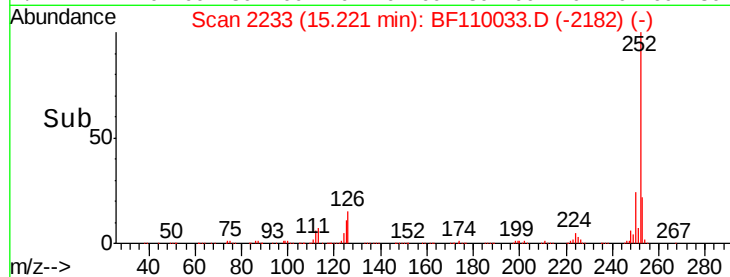
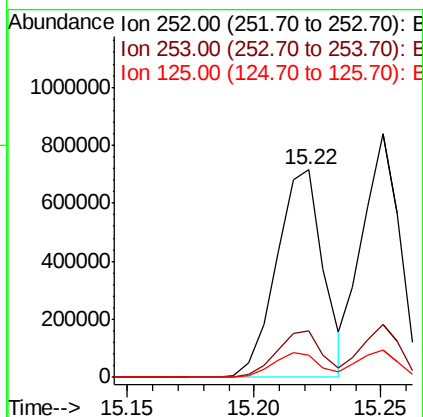
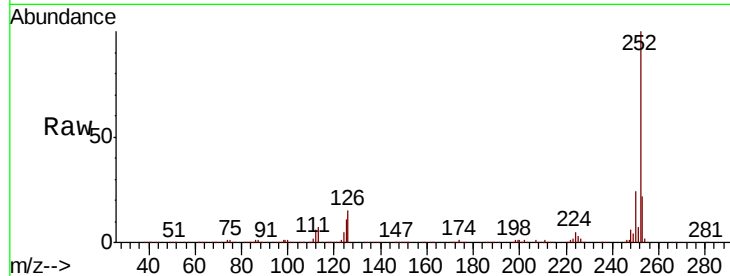




#89
Benzo(k)fluoranthene
Concen: 51.107 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

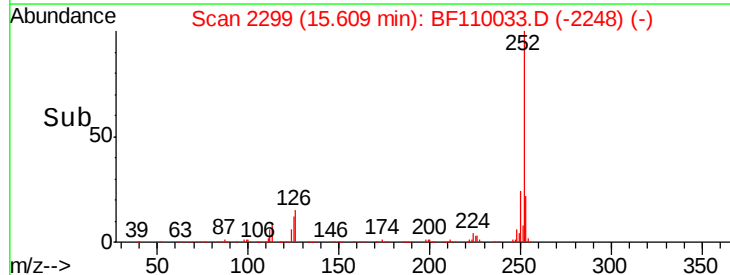
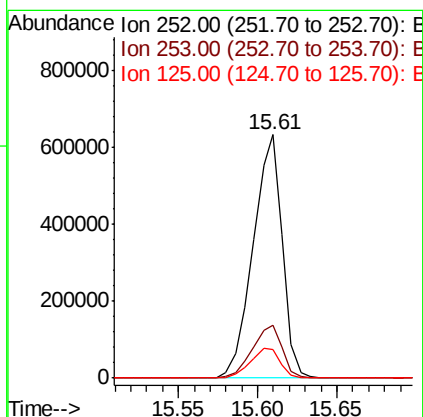
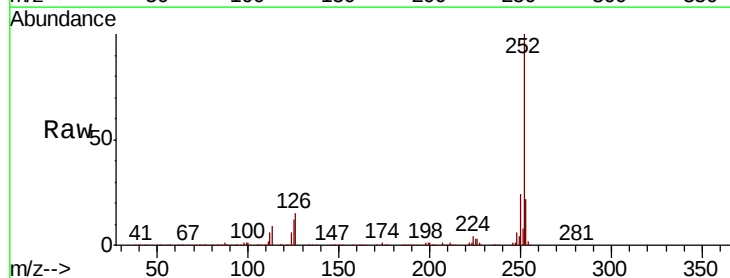
Instrument :
BNA_F
ClientSampled :

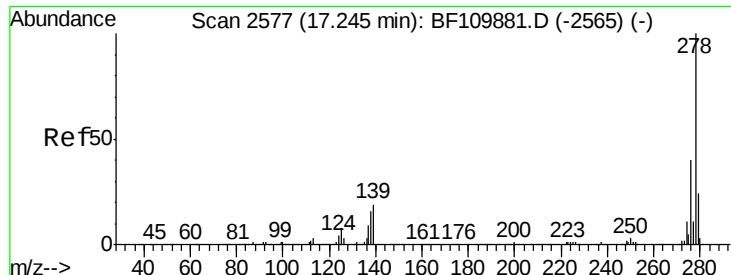
Tot Ion:252 Resp: 916380
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.622 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:252 Resp: 813493
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.8 9.0 13.6

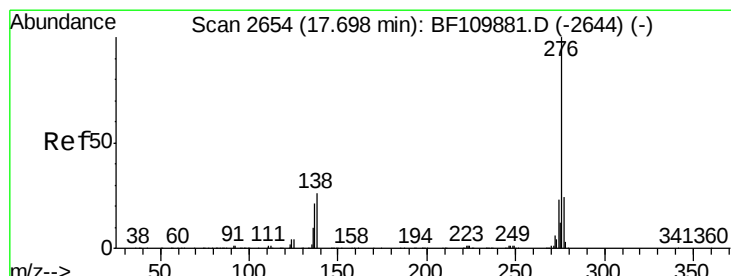
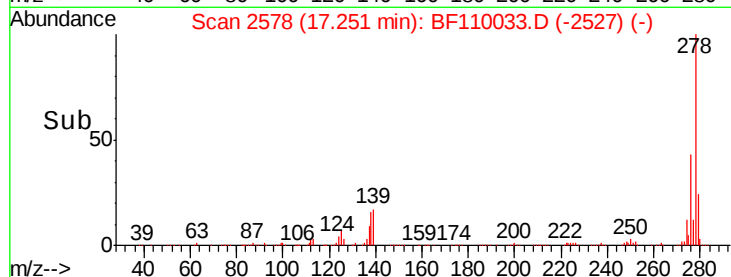
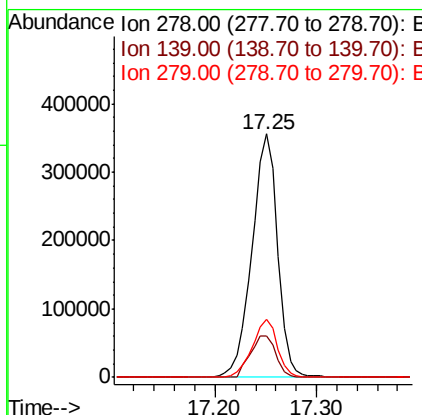
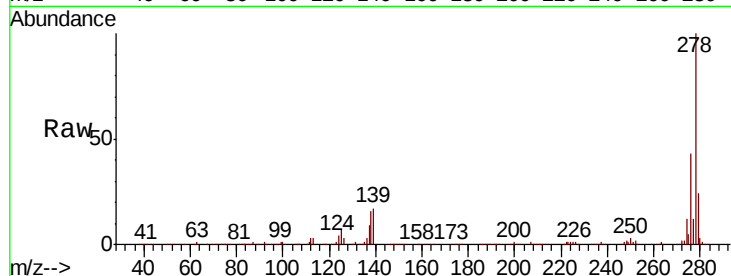




#91
Dibenzo(a,h)anthracene
Concen: 42.200 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 625718
Ion Ratio Lower Upper
278 100
139 16.9 12.7 19.1
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.774 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BF110033.D
Acq: 20 Oct 2018 6:03

Tgt Ion:276 Resp: 595864
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 24.0 16.0 24.0#

