

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110063.D
 Acq On : 22 Oct 2018 21:41
 Operator : JU/SJ
 Sample : J5605-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:11:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189895	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	689051	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	275119	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	416853	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	311764	20.00	ng	-0.01
87) Perylene-d12	15.67	264	238155	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1488381	124.24	ng	0.00
7) Phenol-d6	6.60	99	1872519	125.88	ng	0.00
23) Nitrobenzene-d5	7.54	82	1139838	111.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	321260	134.88	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1803360	104.59	ng	0.00
79) Terphenyl-d14	13.09	244	1323184	89.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	195244	28.695	ng	91
3) Pyridine	3.67	79	575086	37.911	ng	89
4) n-Nitrosodimethylamine	3.63	42	286498	46.299	ng	94
6) Aniline	6.64	93	825241	41.166	ng	# 53
8) 2-Chlorophenol	6.76	128	575533	42.889	ng	99
9) Benzaldehyde	6.53	77	332592	34.405	ng	94
10) Phenol	6.62	94	840861	52.355	ng	# 65
11) bis(2-Chloroethyl)ether	6.71	93	555184	41.342	ng	94
12) 1,3-Dichlorobenzene	6.92	146	618639	42.043	ng	97
13) 1,4-Dichlorobenzene	6.99	146	620233	41.854	ng	98
14) 1,2-Dichlorobenzene	7.15	146	576000	42.210	ng	100
15) Benzyl Alcohol	7.11	79	509649	44.533	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	899984	40.832	ng	68
17) 2-Methylphenol	7.22	107	472549	43.671	ng	# 81
18) Hexachloroethane	7.49	117	207653	39.652	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	390810	40.917	ng	96
20) 3+4-Methylphenols	7.37	107	586126	42.685	ng	92
22) Acetophenone	7.38	105	768148	48.070	ng	# 96
24) Nitrobenzene	7.56	77	580396	52.232	ng	96
25) Isophorone	7.79	82	1064138	52.946	ng	96
26) 2-Nitrophenol	7.87	139	280930	60.975	ng	97
27) 2,4-Dimethylphenol	7.90	122	517677	53.474	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	677039	49.084	ng	99
29) 2,4-Dichlorophenol	8.11	162	453777	48.319	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	496810	47.247	ng	96
31) Naphthalene	8.28	128	1546804	48.954	ng	99
32) Benzoic acid	7.99	122	139925	23.198	ng	91
33) 4-Chloroaniline	8.32	127	615537	43.336	ng	99
34) Hexachlorobutadiene	8.39	225	274697	47.374	ng	99
35) Caprolactam	8.69	113	75514	22.641	ng	92
36) 4-Chloro-3-methylphenol	8.80	107	455763	46.003	ng	96
37) 2-Methylnaphthalene	8.97	142	1032349	50.456	ng	98
38) 1-Methylnaphthalene	9.07	142	959730	48.408	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	430717	50.828	ng	99

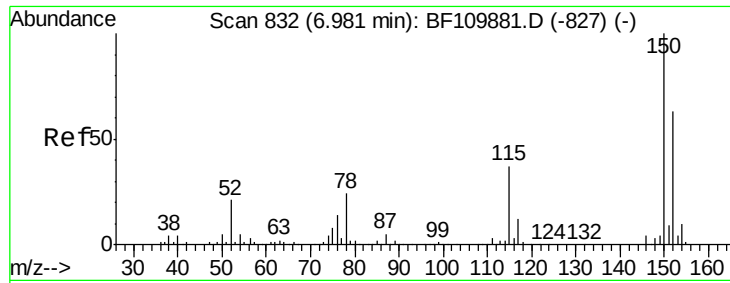
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	168871	41.289	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	281015	53.035	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	287799	52.333	nq	93
46) 1,1'-Biphenyl	9.43	154	1183355	48.277	nq	99
47) 2-Chloronaphthalene	9.46	162	883238	48.918	nq	99
48) 2-Nitroaniline	9.56	65	275391	59.434	nq	92
49) Acenaphthylene	9.88	152	1321874	50.396	nq	98
50) Dimethylphthalate	9.73	163	1193946	61.288	nq	100
51) 2,6-Dinitrotoluene	9.80	165	214195	57.889	nq	# 85
52) Acenaphthene	10.05	154	806325	48.285	nq	97
53) 3-Nitroaniline	9.97	138	222521	49.439	nq	90
54) 2,4-Dinitrophenol	10.07	184	31950	32.996	nq	87
55) Dibenzofuran	10.22	168	1112986	46.734	nq	97
56) 4-Nitrophenol	10.12	139	430575	125.374	nq	96
57) 2,4-Dinitrotoluene	10.20	165	255820	54.090	nq	90
58) Fluorene	10.56	166	838609	48.372	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	209638	48.100	nq	94
60) Diethylphthalate	10.43	149	950849	49.418	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	413928	45.836	nq	97
62) 4-Nitroaniline	10.58	138	207705	48.750	nq	94
63) Azobenzene	10.72	77	873209	43.442	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	34621	27.055	nq	87
66) n-Nitrosodiphenylamine	10.67	169	750771	54.076	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	238103	52.706	nq	96
68) Hexachlorobenzene	11.11	284	235775	48.942	nq	# 91
69) Atrazine	11.19	200	223616	51.562	nq	98
70) Pentachlorophenol	11.30	266	216943	79.129	nq	97
71) Phenanthrene	11.53	178	1118533	51.830	nq	99
72) Anthracene	11.58	178	1138335	52.466	nq	99
73) Carbazole	11.73	167	994796	46.653	nq	99
74) Di-n-butylphthalate	12.06	149	1267008	53.242	nq	99
75) Fluoranthene	12.72	202	1092209	50.662	nq	99
77) Benzidine	12.84	184	918310	76.824	nq	97
78) Pyrene	12.95	202	1091714	47.677	nq	98
80) Butylbenzylphthalate	13.56	149	500702	54.086	nq	99
81) Benzo(a)anthracene	14.14	228	938787	51.122	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	340133	52.833	nq	98
83) Chrysene	14.18	228	871232	49.843	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	688468	56.519	nq	95
85) Di-n-octyl phthalate	14.73	149	1116209	64.995	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	677411	48.133	nq	95
88) Benzo(b)fluoranthene	15.22	252	753414	54.873	nq	99
89) Benzo(k)fluoranthene	15.22	252	753414	55.671	nq	99
90) Benzo(a)pyrene	15.61	252	664676	52.636	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	576613	51.524	nq	97
92) Benzo(g,h,i)perylene	17.71	276	550795	48.712	nq	96

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

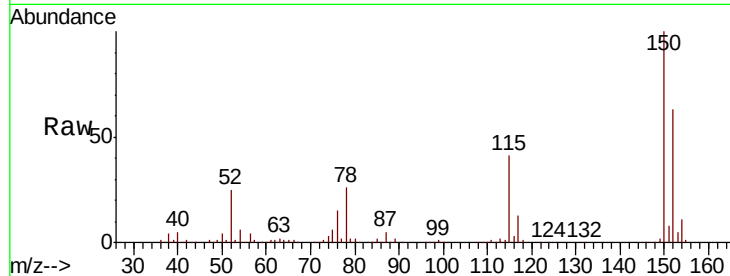


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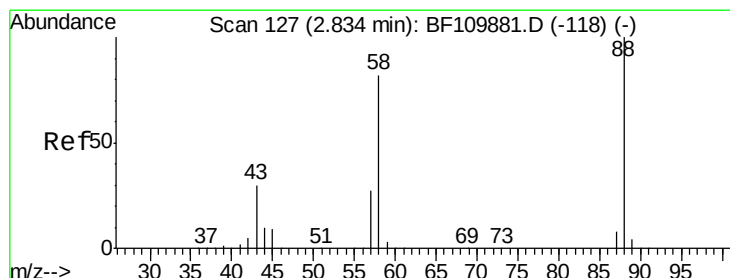
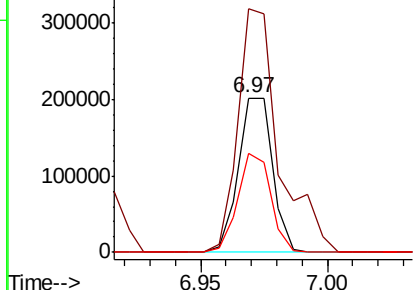
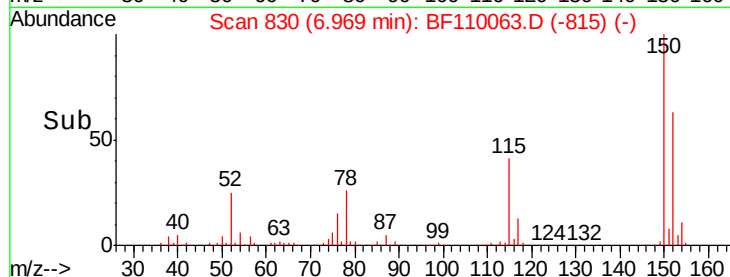
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189895
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 64.4 49.1 73.7



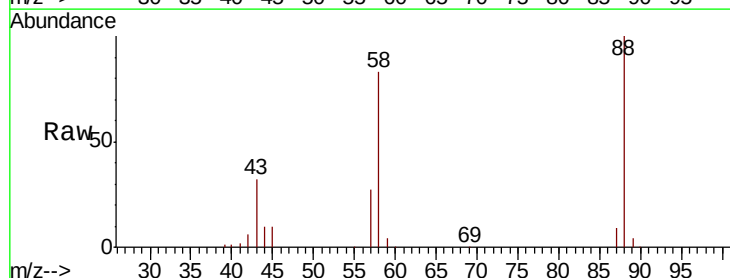
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



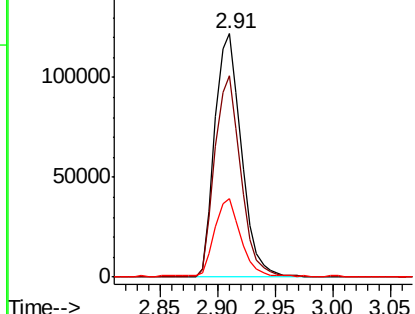
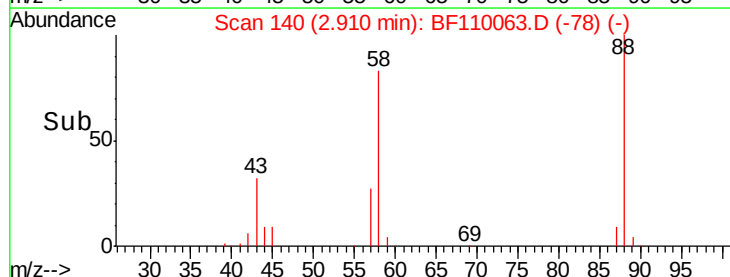
#2

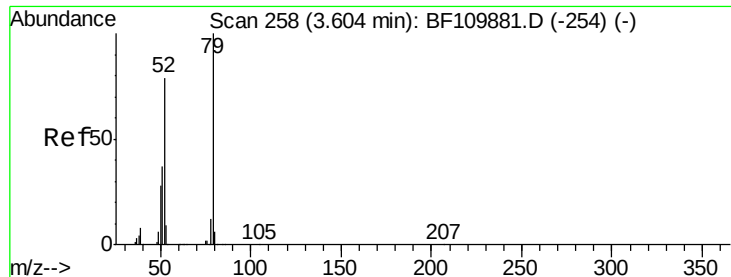
1,4-Dioxane
Concen: 28.695 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.06 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion: 88 Resp: 195244
Ion Ratio Lower Upper
88 100
58 81.1 57.1 85.7
43 30.9 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: 37.911 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

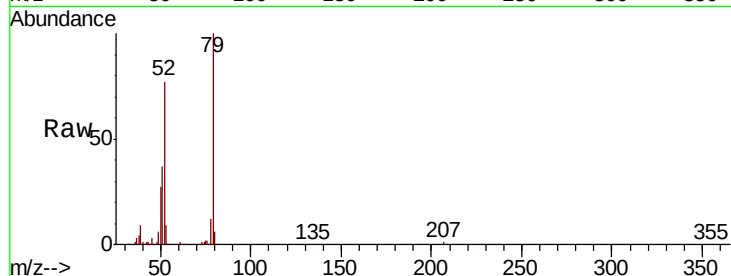
Tot Ion: 79 Resp: 575086

Ion Ratio Lower Upper

79 100

52 77.3 53.1 79.7

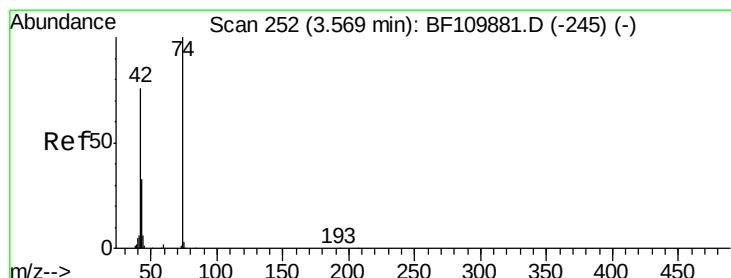
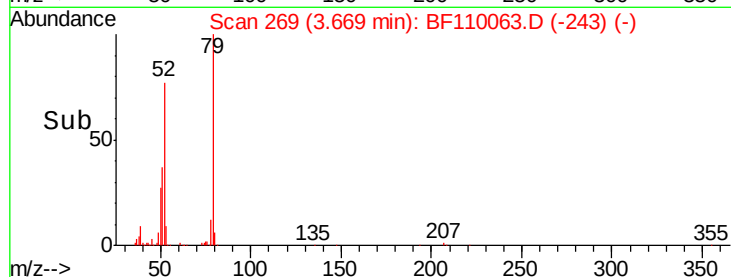
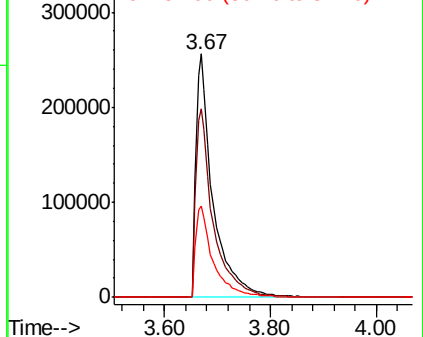
51 37.3 27.4 41.2



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: 46.299 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.05 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

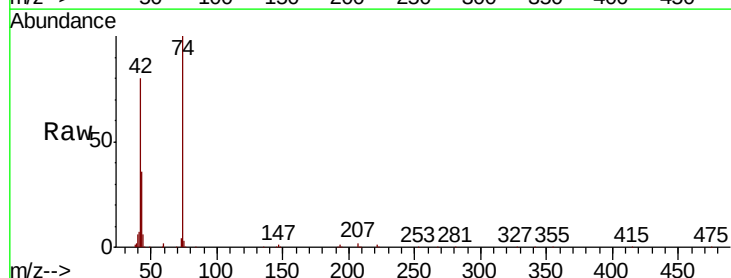
Tgt Ion: 42 Resp: 286498

Ion Ratio Lower Upper

42 100

74 124.3 105.5 158.3

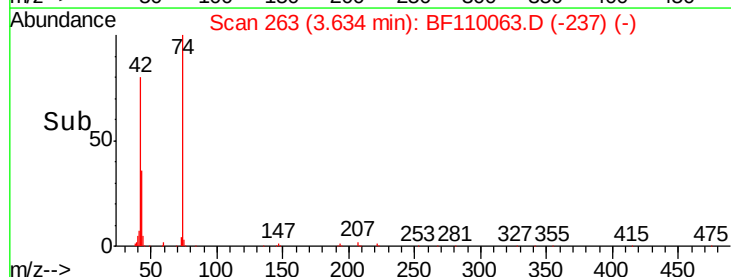
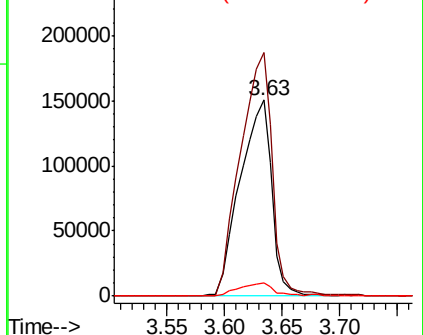
44 7.0 4.9 7.3

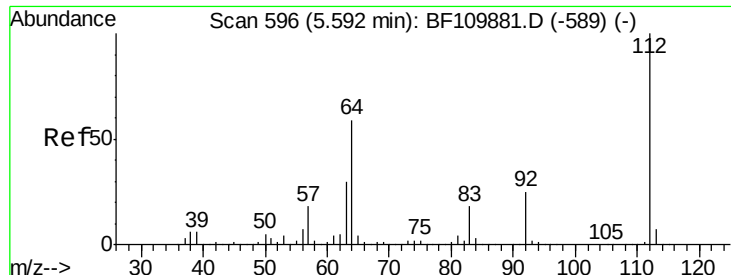


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.242 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

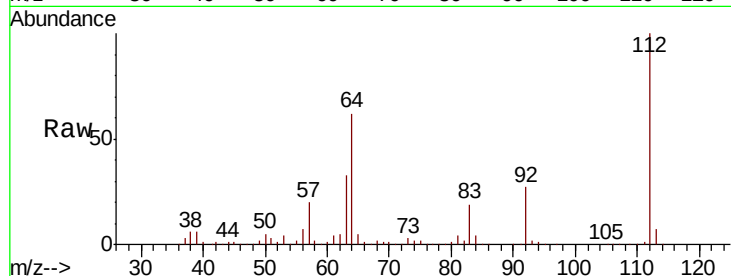
Tot Ion:112 Resp: 1488381

Ion Ratio Lower Upper

112 100

64 62.5 44.1 66.1

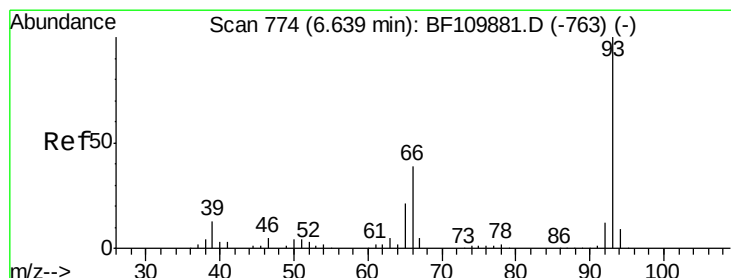
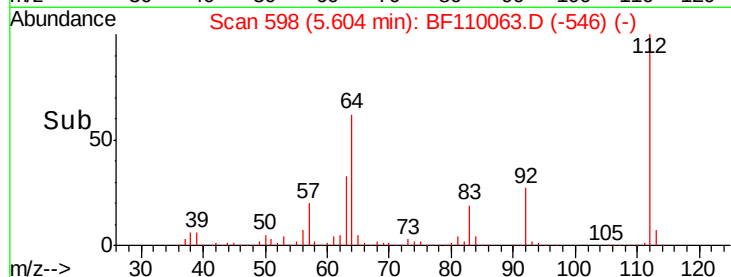
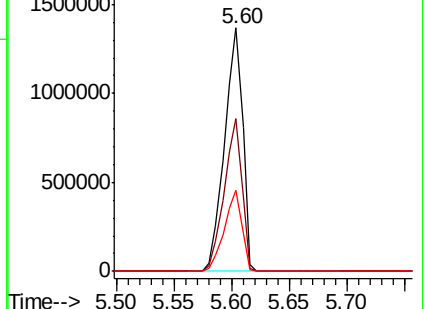
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.166 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

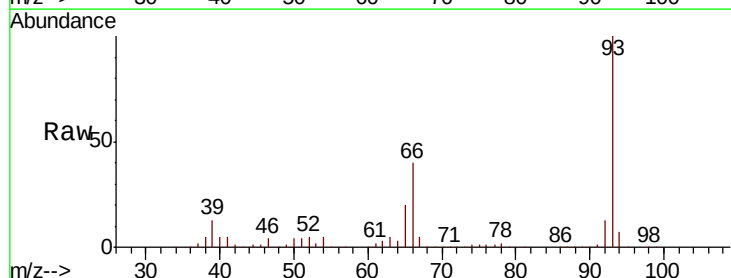
Tgt Ion: 93 Resp: 825241

Ion Ratio Lower Upper

93 100

66 40.0 67.4 101.0#

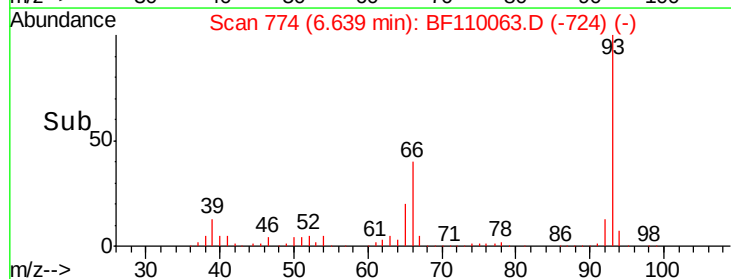
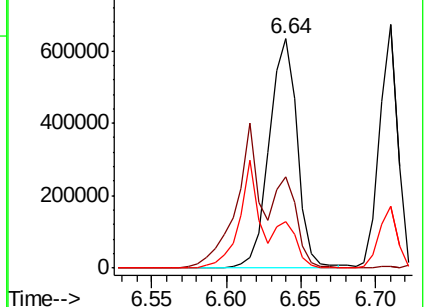
65 20.5 41.0 61.4#

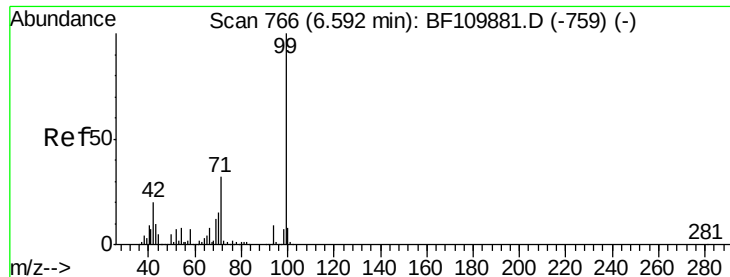


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.878 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

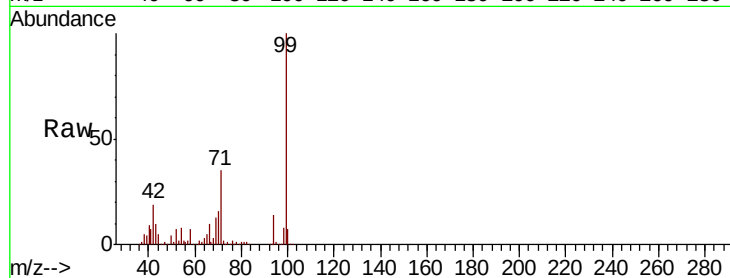
Tot Ion: 99 Resp: 1872519

Ion Ratio Lower Upper

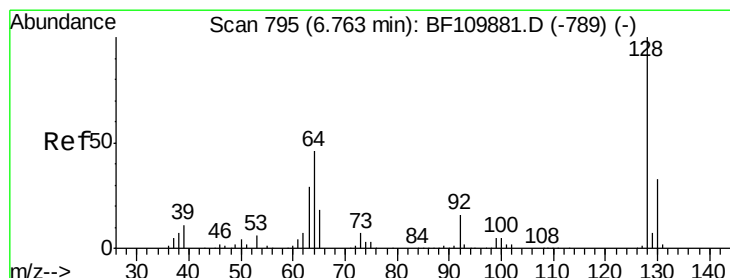
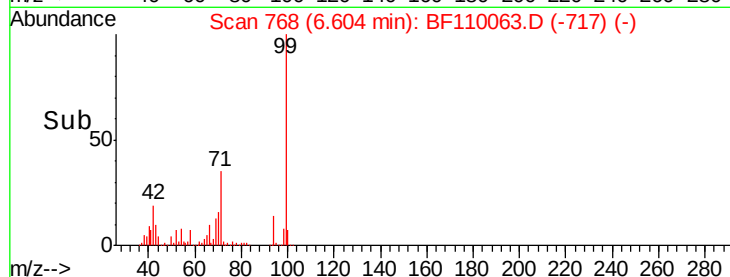
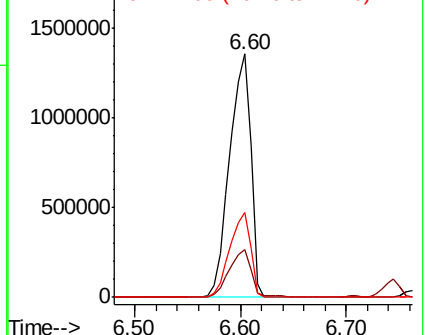
99 100

42 19.4 15.8 23.6

71 34.7 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: 42.889 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

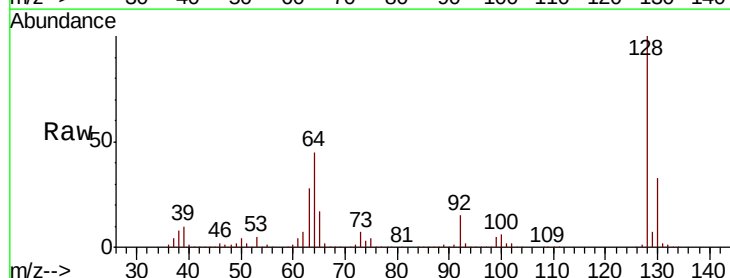
Tgt Ion: 128 Resp: 575533

Ion Ratio Lower Upper

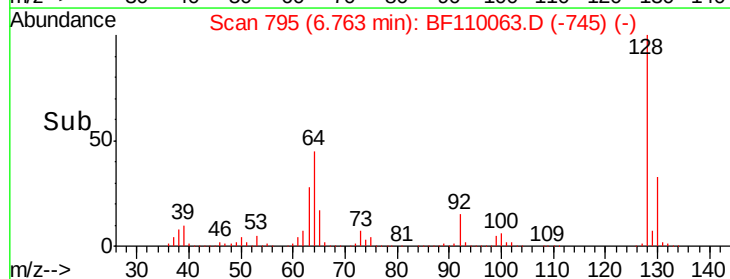
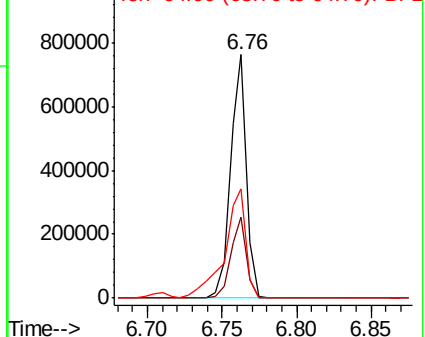
128 100

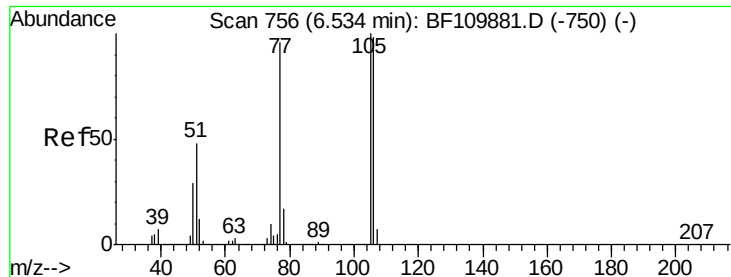
130 33.3 13.1 53.1

64 45.0 26.0 66.0



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





#9

Benzaldehyde

Concen: 34.405 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampled :

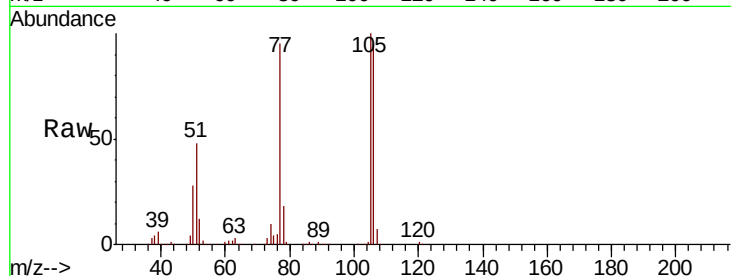
Tot Ion: 77 Resp: 332592

Ion Ratio Lower Upper

77 100

105 105.8 78.6 118.6

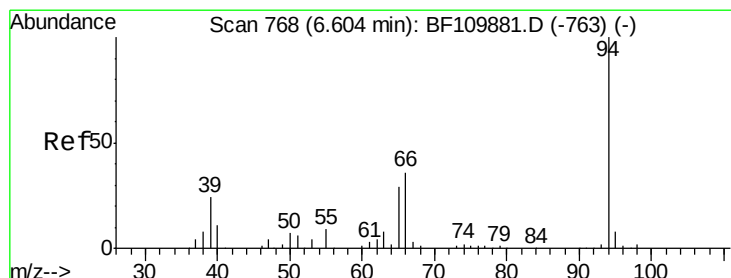
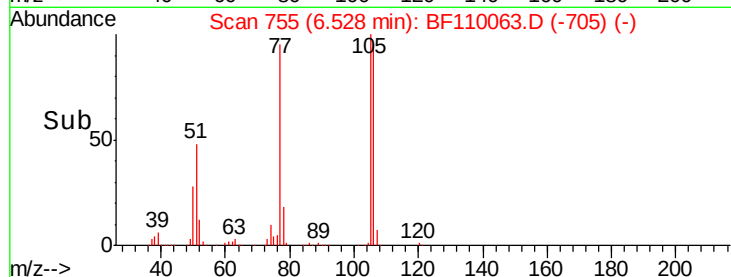
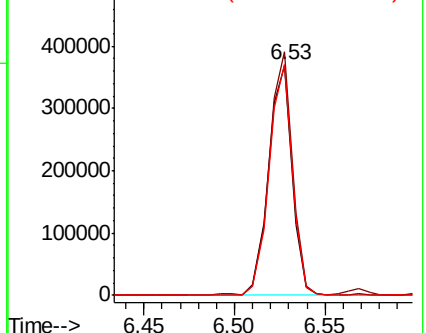
106 100.2 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.355 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

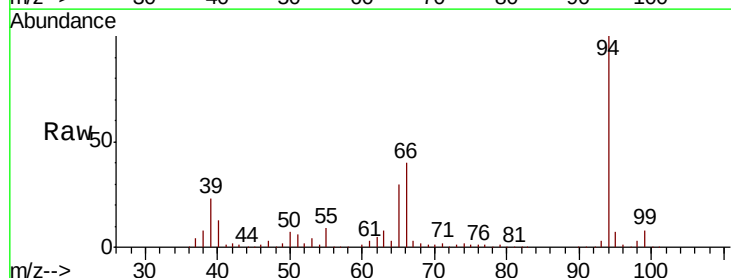
Tgt Ion: 94 Resp: 840861

Ion Ratio Lower Upper

94 100

65 29.5 25.3 65.3

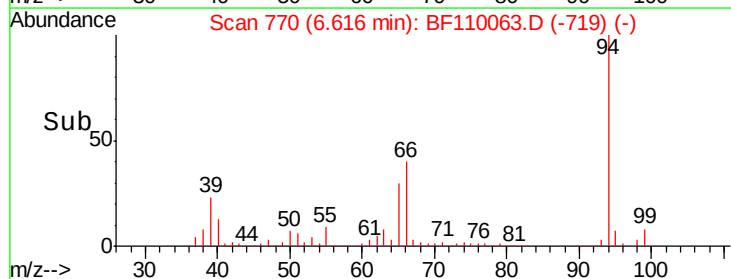
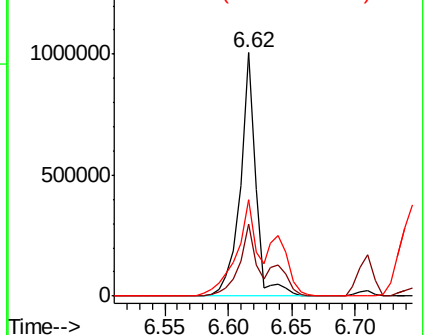
66 39.7 54.5 94.5#

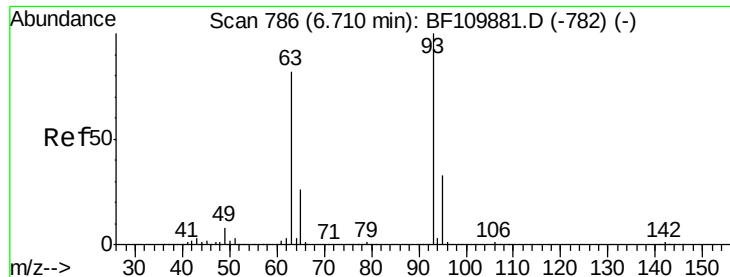


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

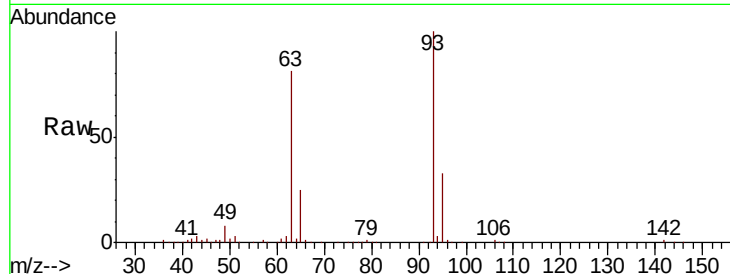




#11
bis(2-Chloroethyl)ether
Concen: 41.342 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	53.4	93.4
95	33.0	12.1	52.1

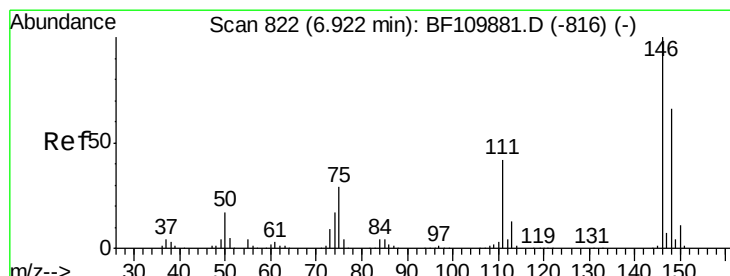
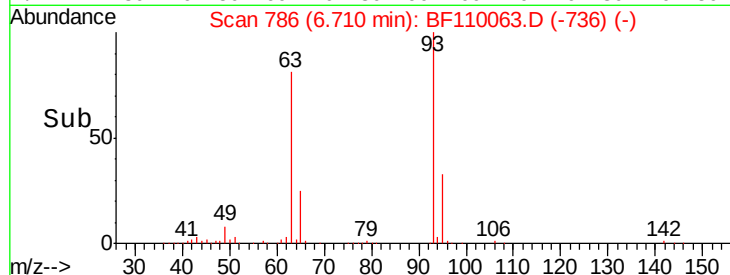
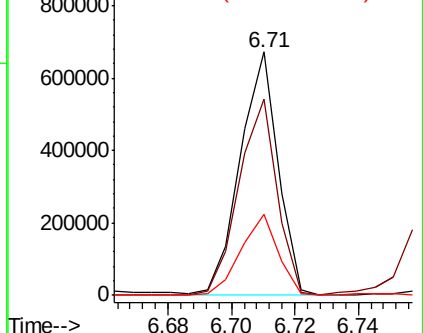


Abundance

Ion 93.00 (92.70 to 93.70): BF1

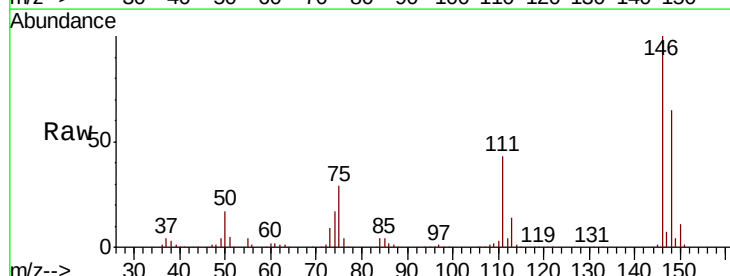
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.043 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
75	29.0	25.8	38.6

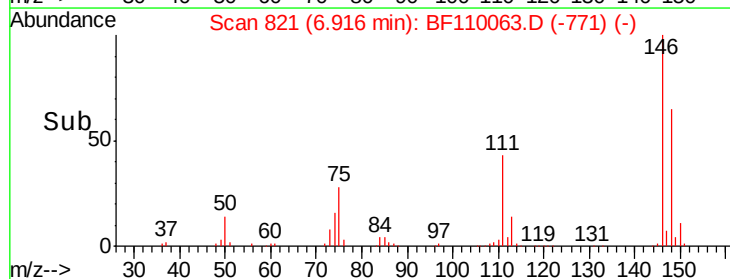
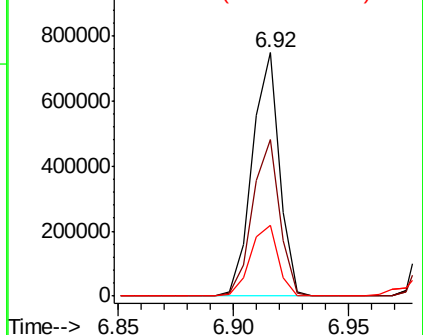


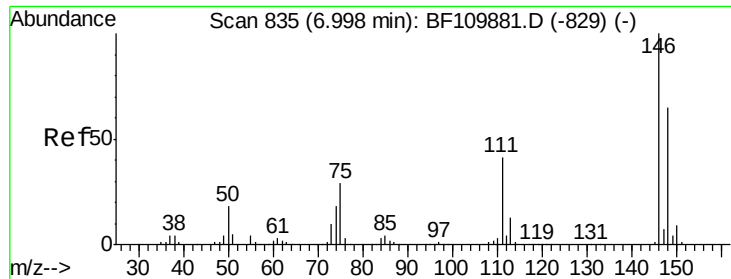
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

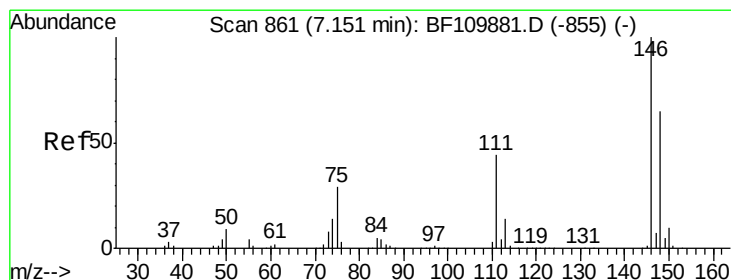
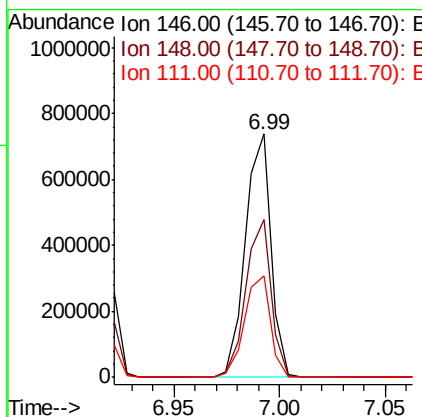
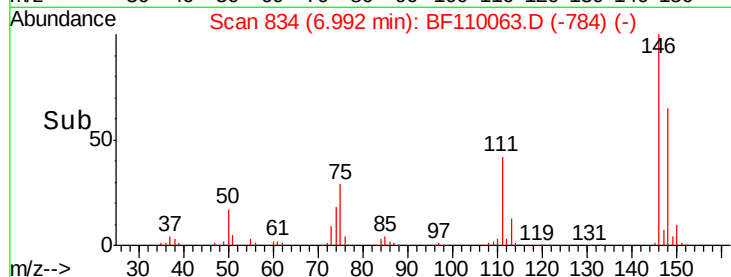
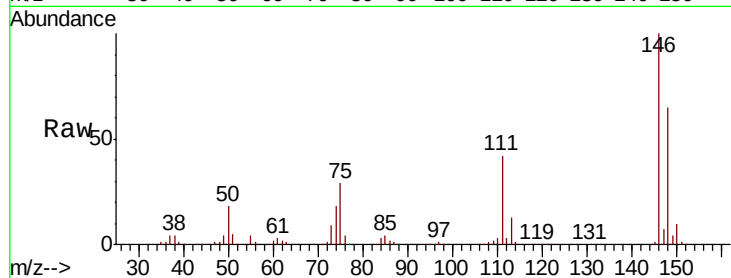




#13
 1,4-Dichlorobenzene
 Concen: 41.854 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

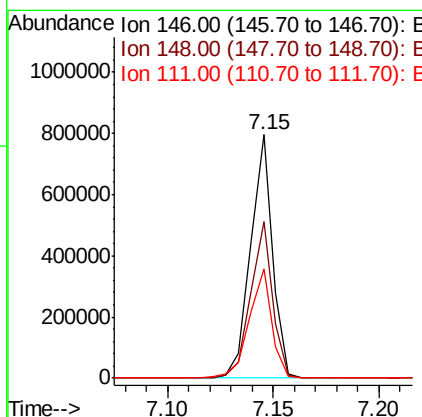
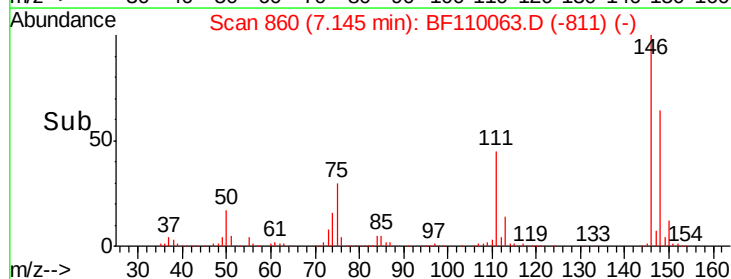
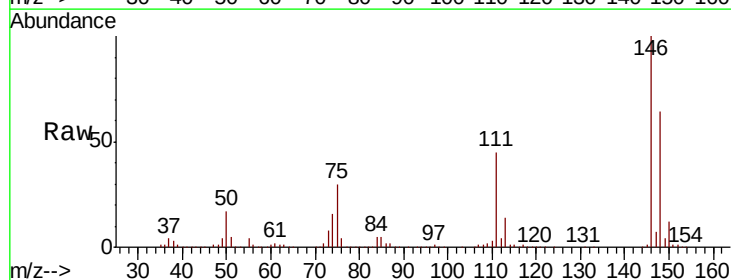
Instrument :
 BNA_F
 ClientSampled :

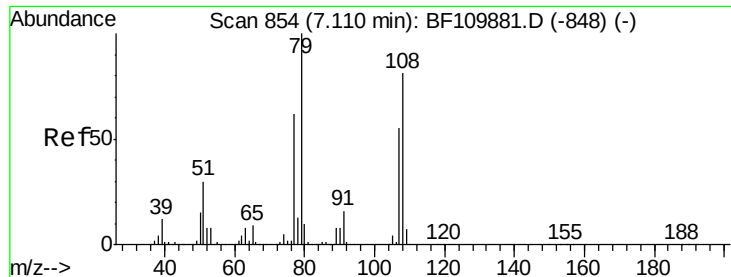
Tot Ion:146 Resp: 620233
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.3 75.5
 111 41.6 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 42.210 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion:146 Resp: 576000
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 44.8 35.8 53.6





#15

Benzyl Alcohol

Concen: 44.533 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

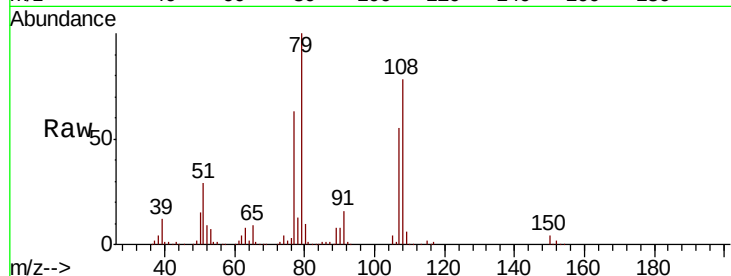
Tot Ion: 79 Resp: 509649

Ion Ratio Lower Upper

79 100

108 78.3 56.3 84.5

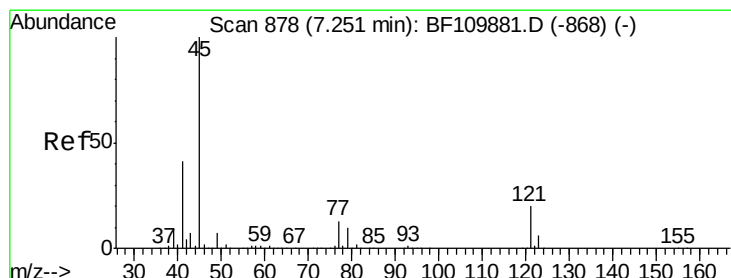
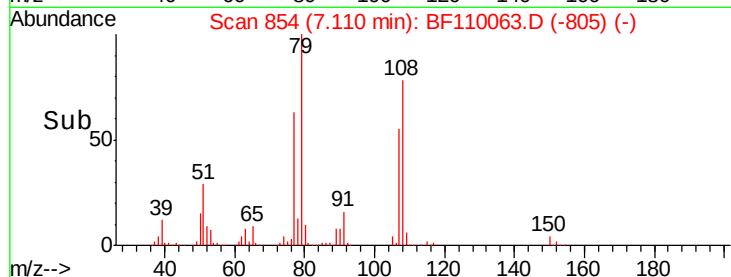
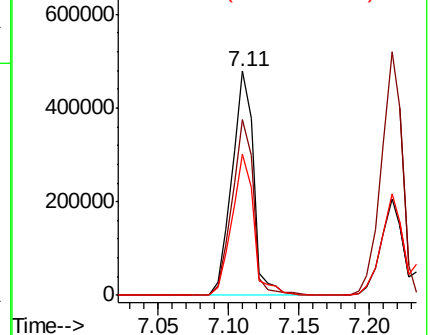
77 63.0 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.832 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

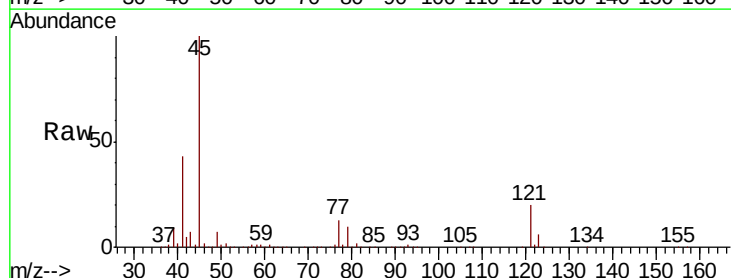
Tgt Ion: 45 Resp: 899984

Ion Ratio Lower Upper

45 100

77 12.7 10.0 50.0

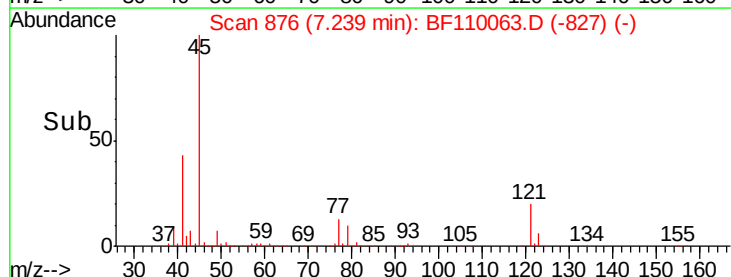
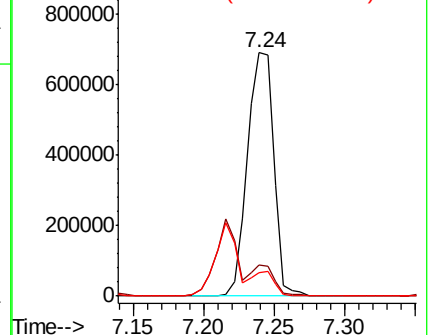
79 9.7 6.1 46.1

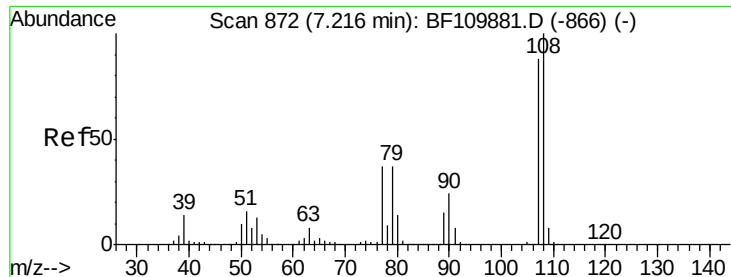


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

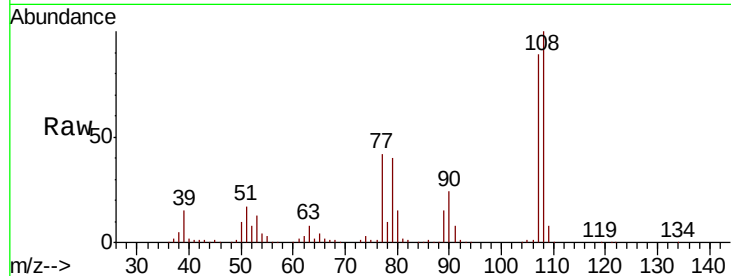




#17
2-Methylphenol
Concen: 43.671 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	46.6	59.4	89.2#
79	44.3	54.0	81.0#



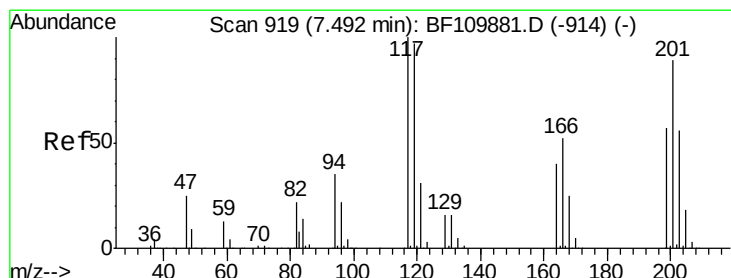
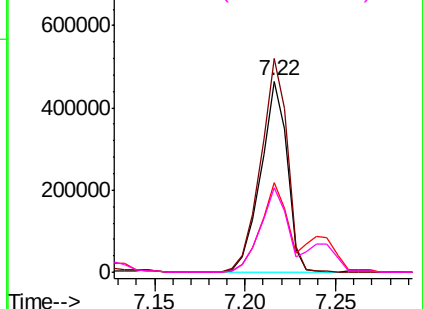
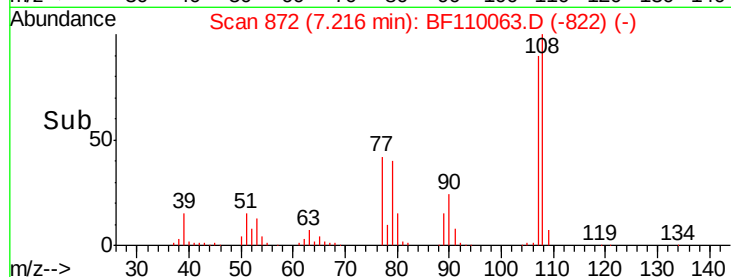
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

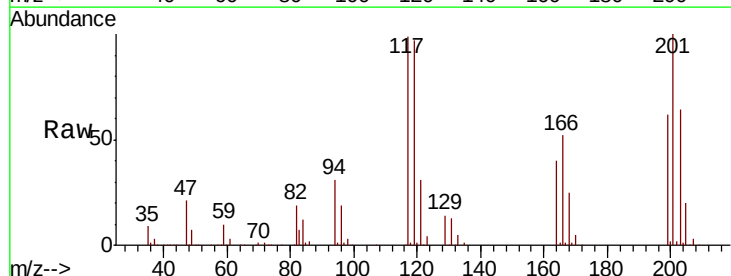
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.652 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.0	112.6
201	100.6	79.2	118.8

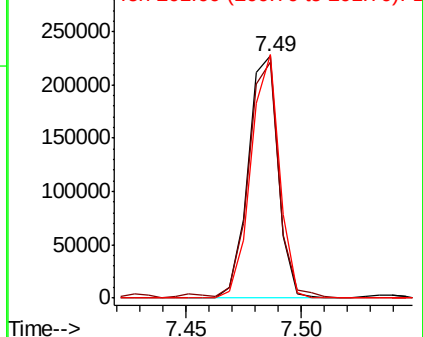
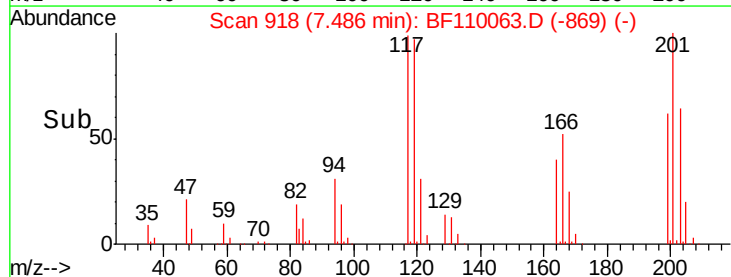


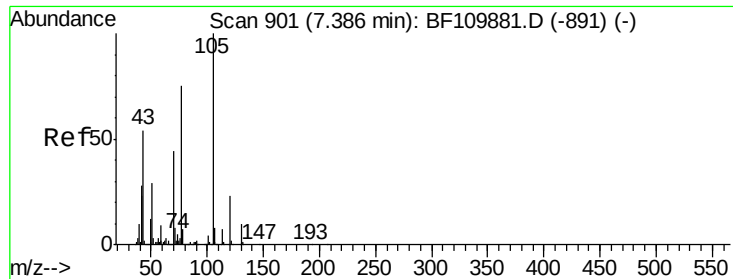
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

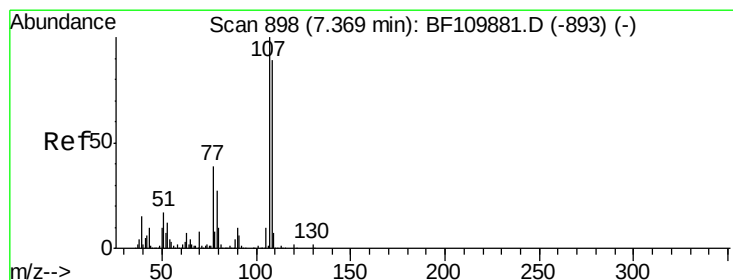
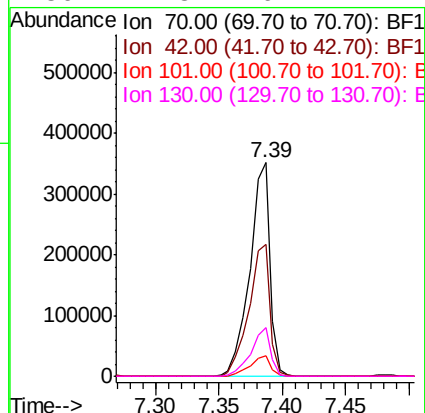
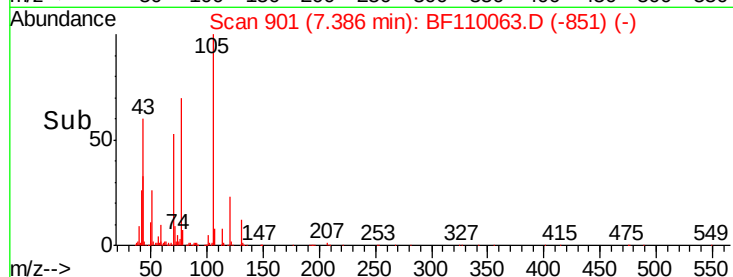
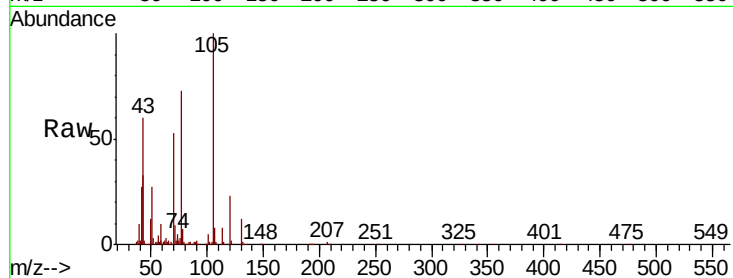




#19
n-Nitroso-di-n-propylamine
Concen: 40.917 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

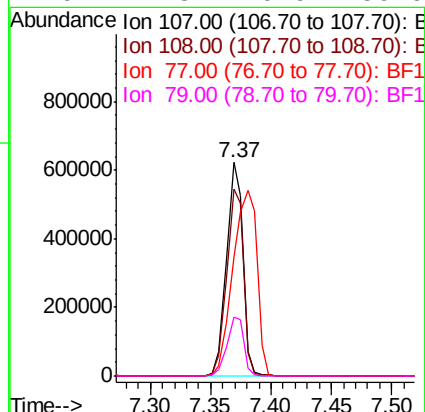
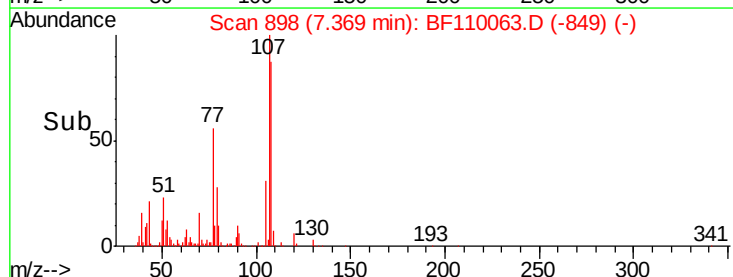
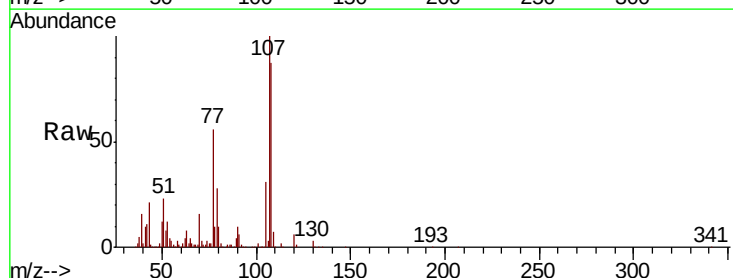
Instrument :
BNA_F
ClientSampled :

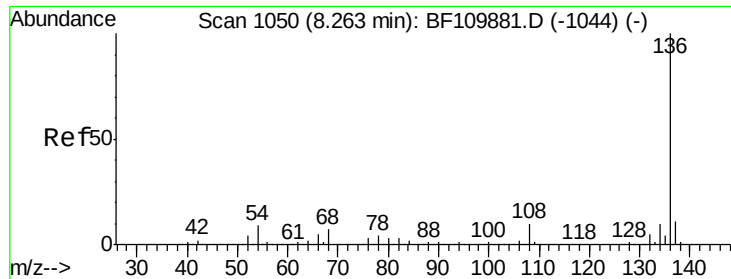
Tot Ion: 70 Resp: 390810
Ion Ratio Lower Upper
70 100
42 61.6 47.4 71.2
101 9.9 7.3 10.9
130 22.8 16.2 24.2



#20
3+4-Methylphenols
Concen: 42.685 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:107 Resp: 586126
Ion Ratio Lower Upper
107 100
108 87.3 71.4 111.4
77 55.8 47.3 87.3
79 27.8 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 689051

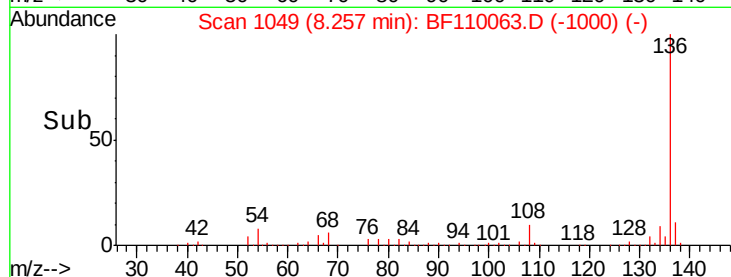
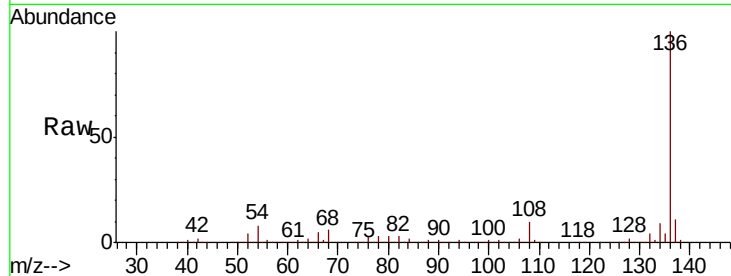
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 5.4 8.2

68 5.5 4.2 6.2

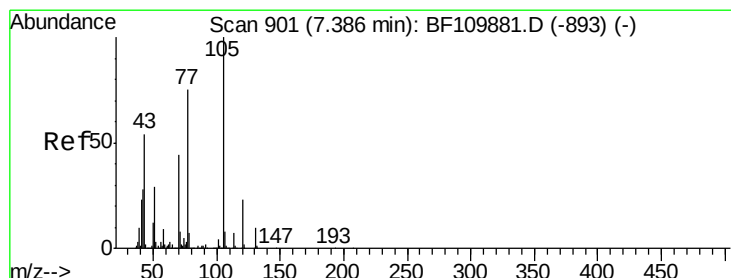
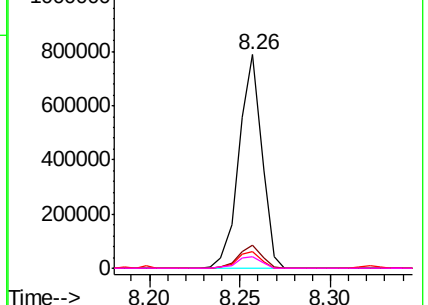


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.070 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Tgt Ion:105 Resp: 768148

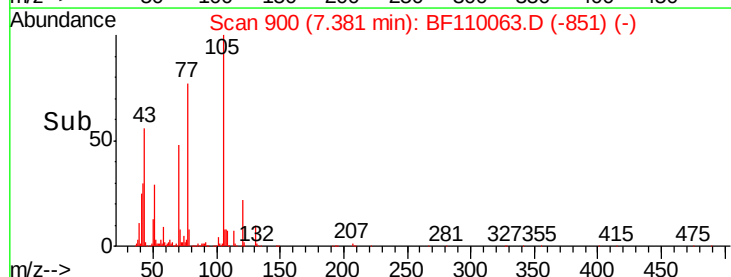
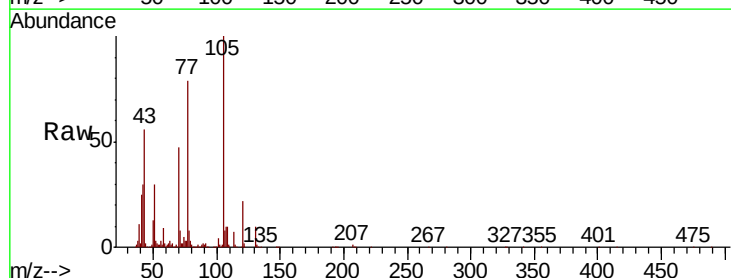
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 30.1 21.8 32.8

120 22.3 17.0 25.4

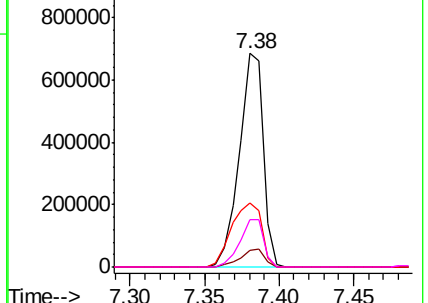


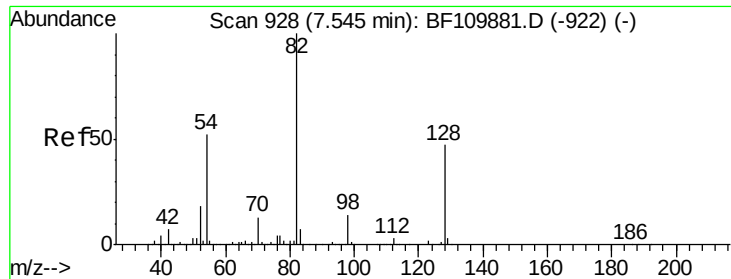
Abundance Ion 105.00 (104.70 to 105.70): E

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

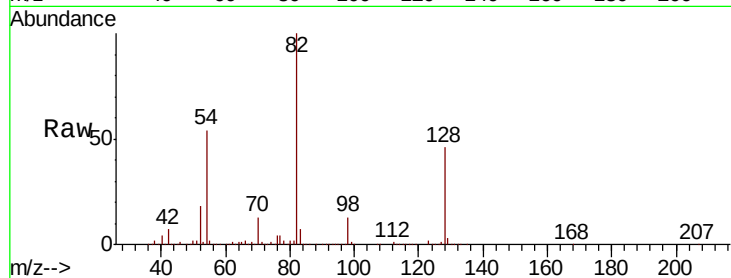




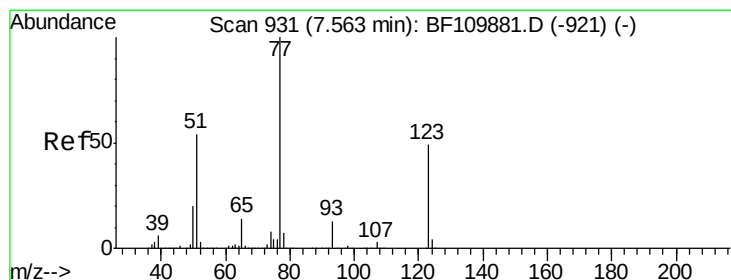
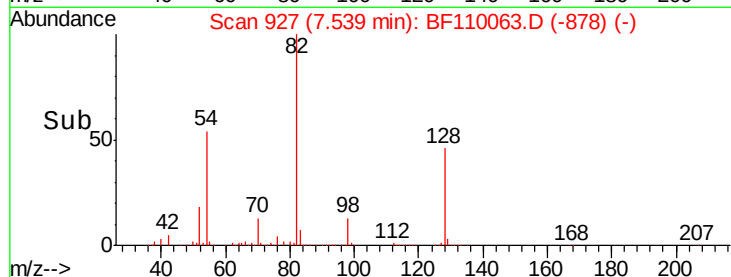
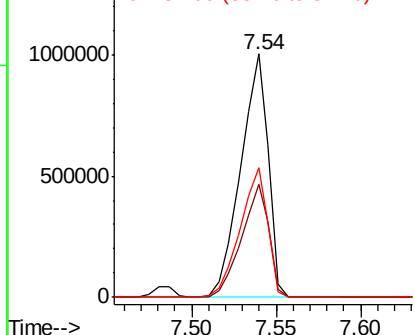
#23
Nitrobenzene-d5
Concen: 111.434 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1139838
Ion Ratio Lower Upper
82 100
128 46.2 34.2 51.2
54 53.5 38.6 58.0

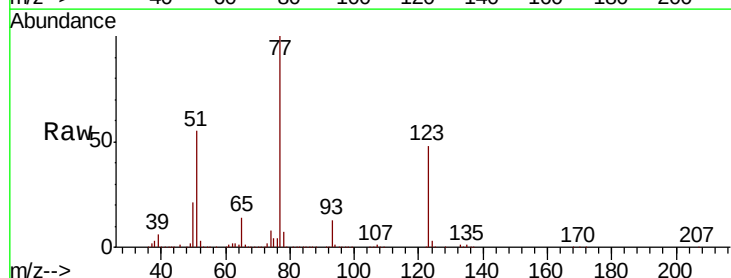


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

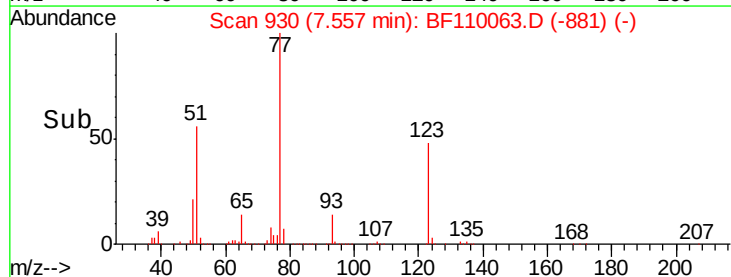
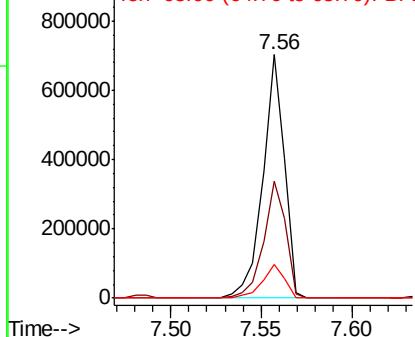


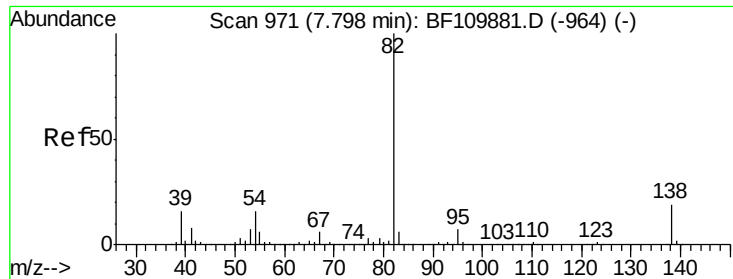
#24
Nitrobenzene
Concen: 52.232 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion: 77 Resp: 580396
Ion Ratio Lower Upper
77 100
123 47.9 35.7 53.5
65 14.0 10.7 16.1



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

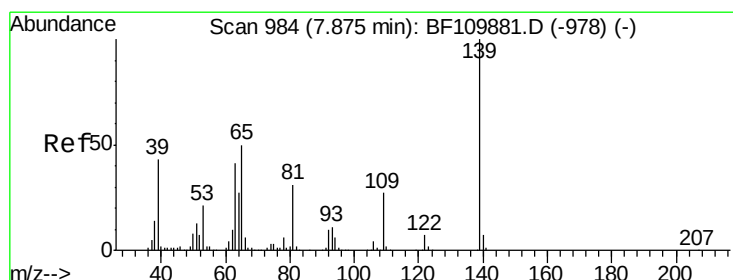
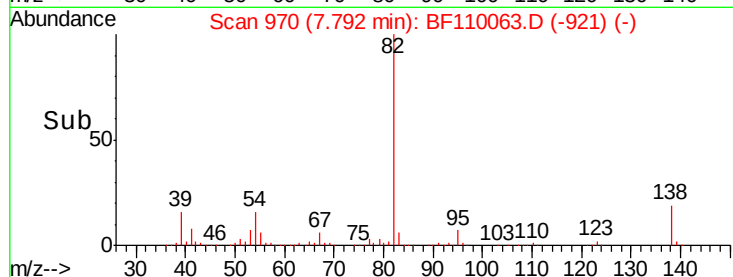
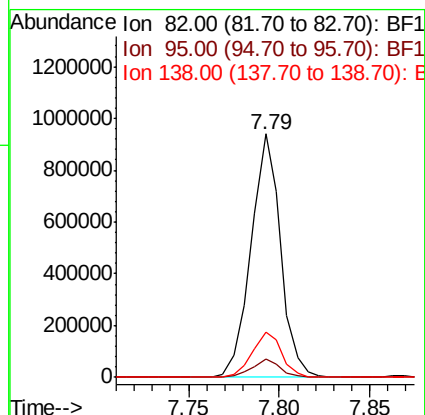
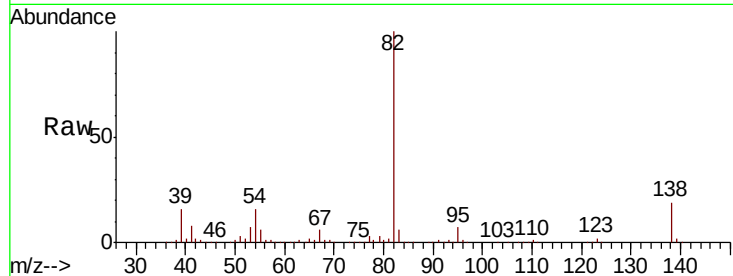




#25
Isophorone
Concen: 52.946 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

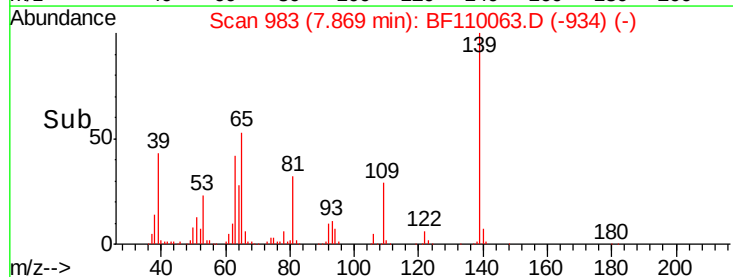
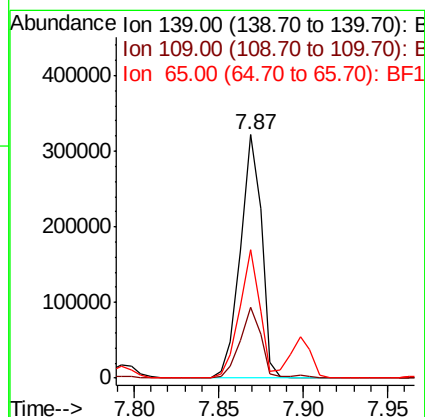
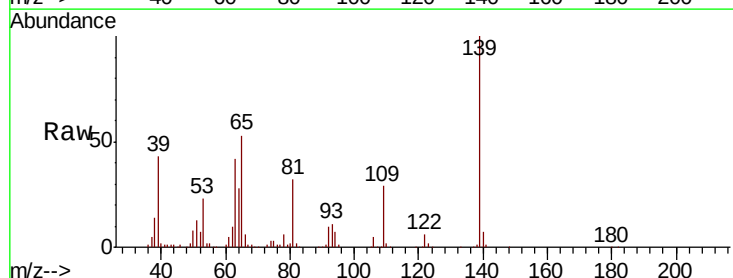
Instrument :
BNA_F
ClientSampleId :

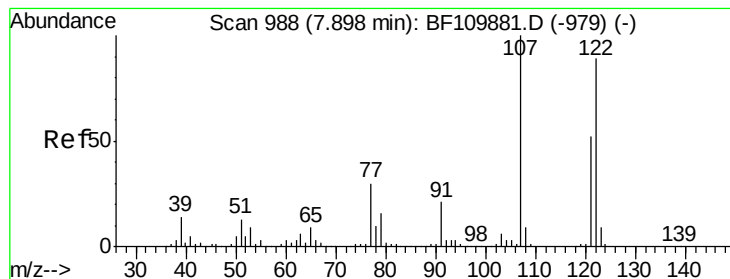
Tot Ion: 82 Resp: 1064138
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.8 13.2 19.8



#26
2-Nitrophenol
Concen: 60.975 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion: 139 Resp: 280930
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 52.8 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 53.474 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

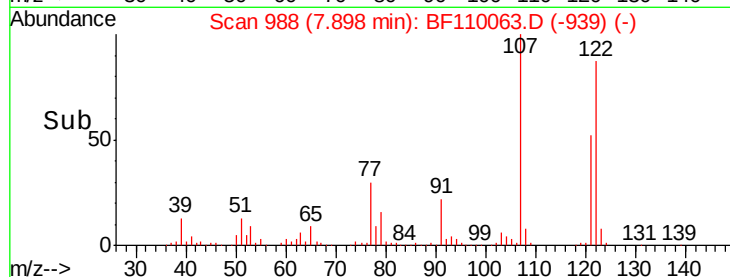
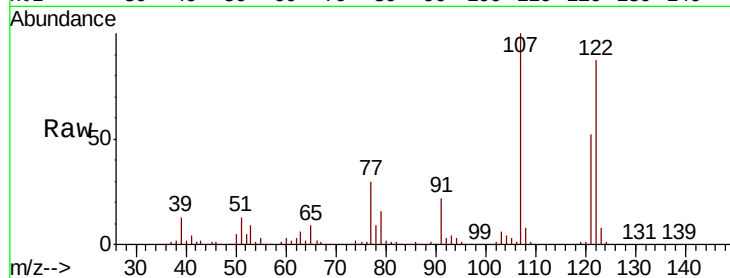
Tot Ion:122 Resp: 517677

Ion Ratio Lower Upper

122 100

107 115.1 92.5 138.7

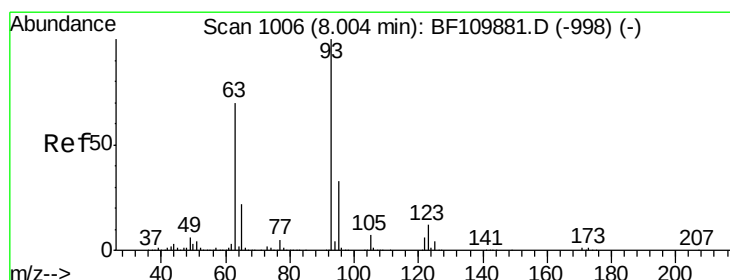
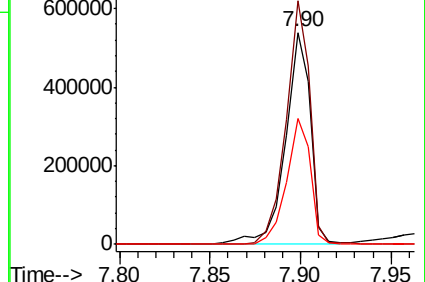
121 59.3 45.8 68.8



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: 49.084 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

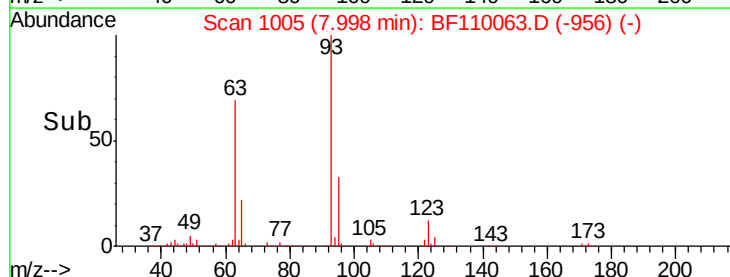
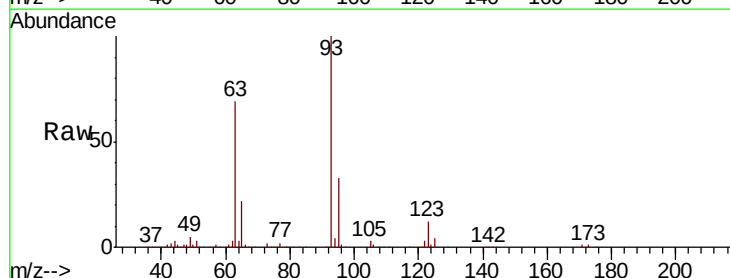
Tgt Ion: 93 Resp: 677039

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

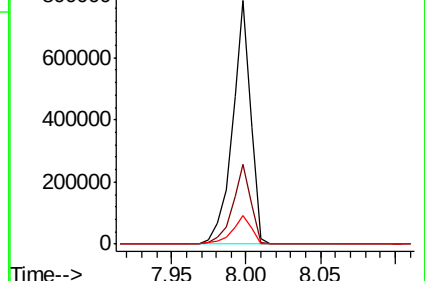
123 11.8 9.0 13.6

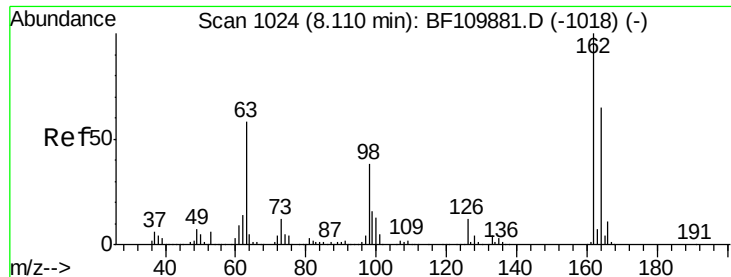


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

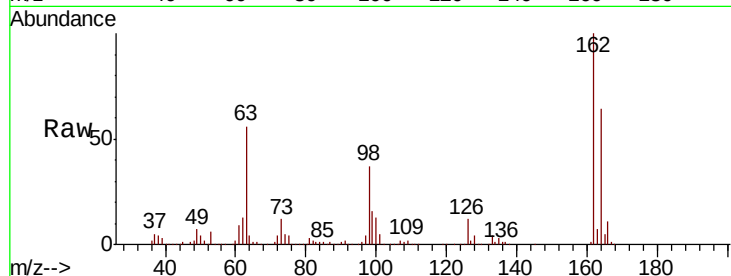




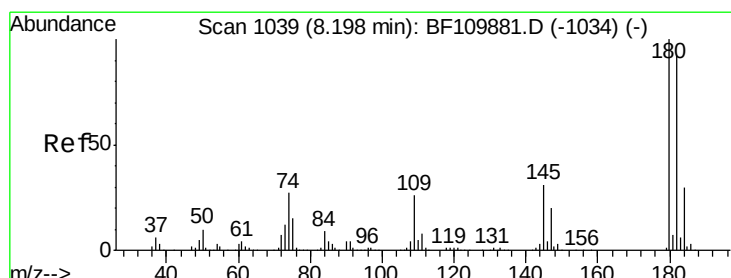
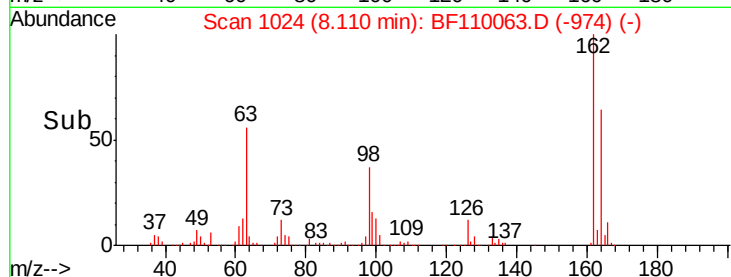
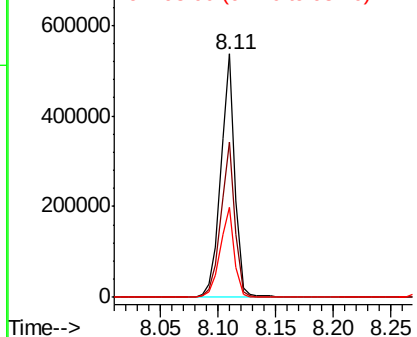
#29
2,4-Dichlorophenol
Concen: 48.319 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.2	17.4	57.4

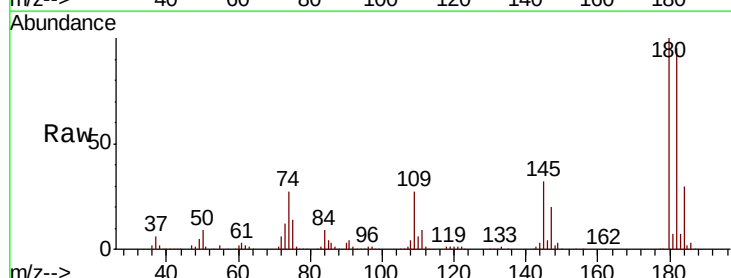


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

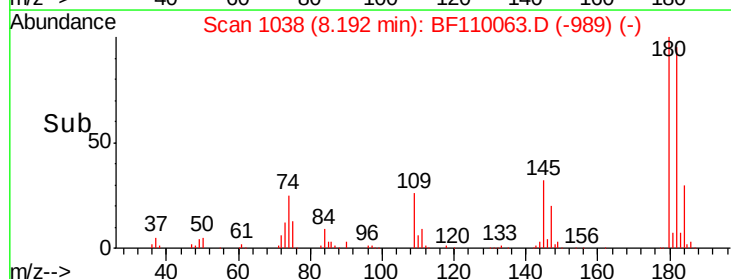
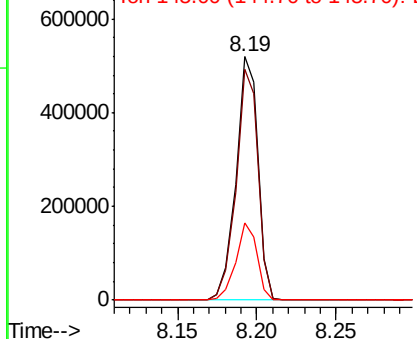


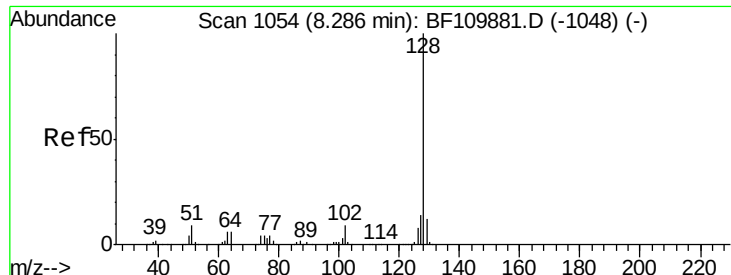
#30
1,2,4-Trichlorobenzene
Concen: 47.247 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	80.3	120.5
145	31.9	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

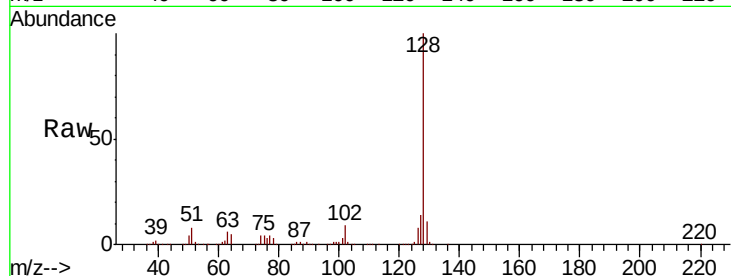




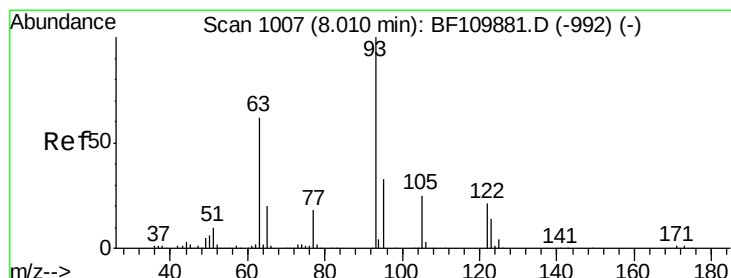
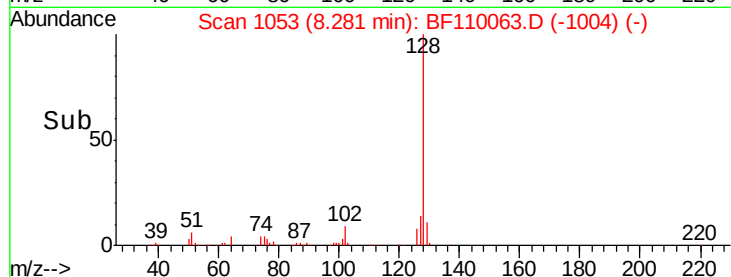
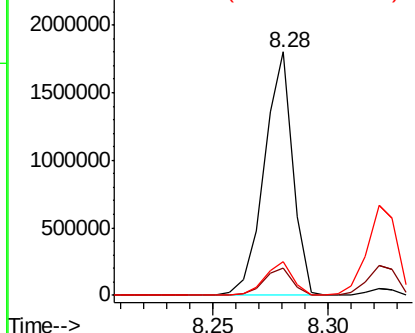
#31
Naphthalene
Concen: 48.954 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1546804
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.8 16.2

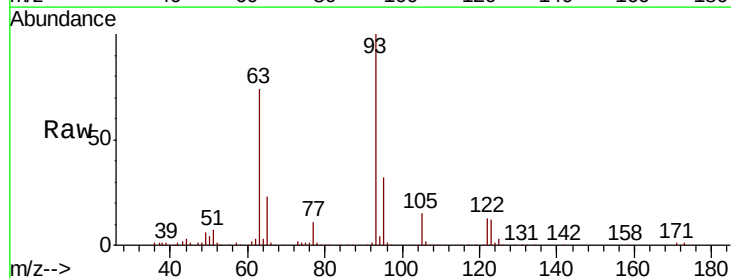


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

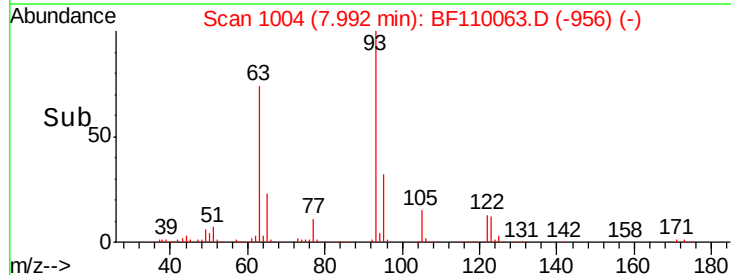
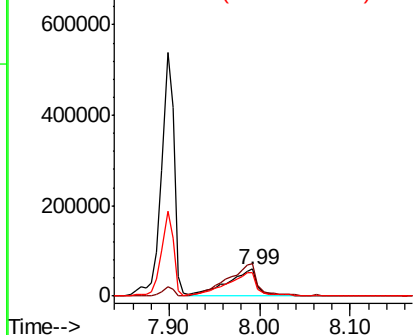


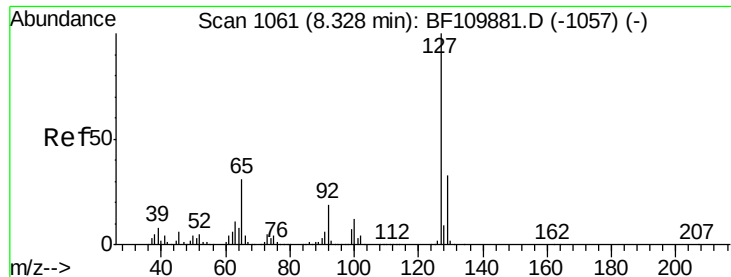
#32
Benzoic acid
Concen: 23.198 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:122 Resp: 139925
Ion Ratio Lower Upper
122 100
105 120.8 109.0 149.0
77 88.2 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

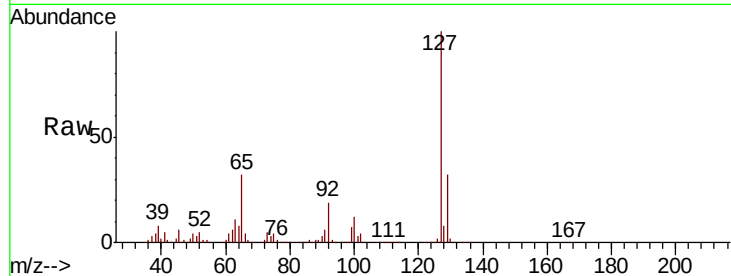




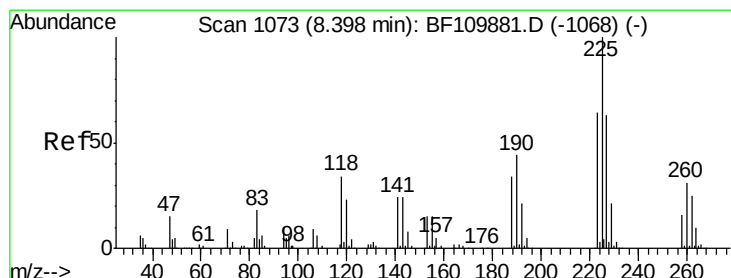
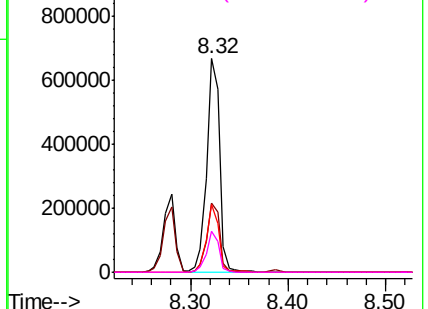
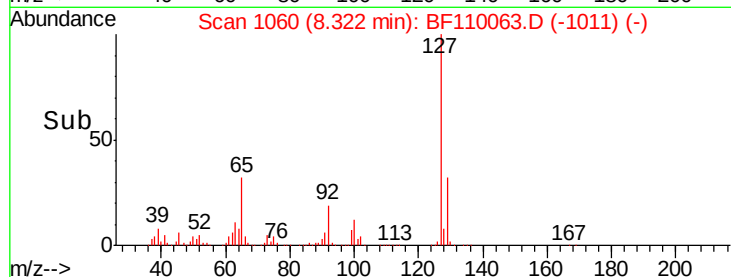
#33
4-Chloroaniline
Concen: 43.336 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	615537
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.0 39.0
65	31.9	25.1 37.7
92	19.4	15.0 22.6

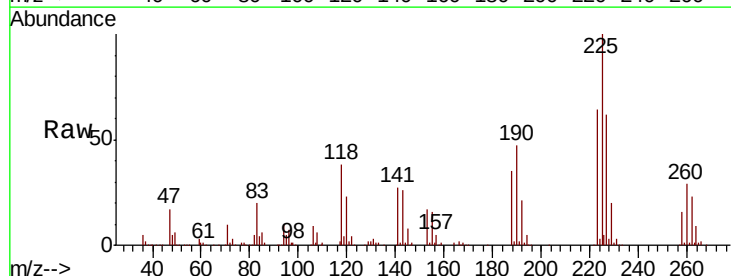


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

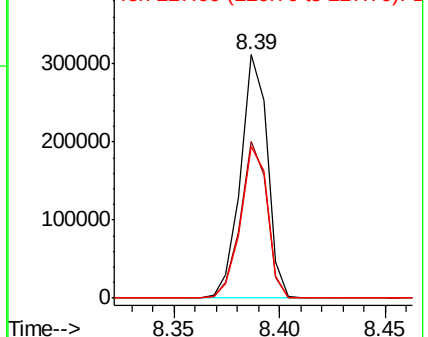
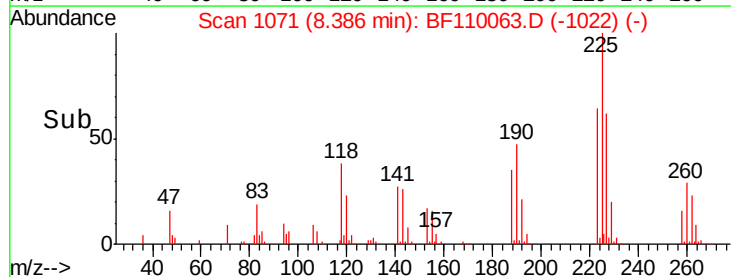


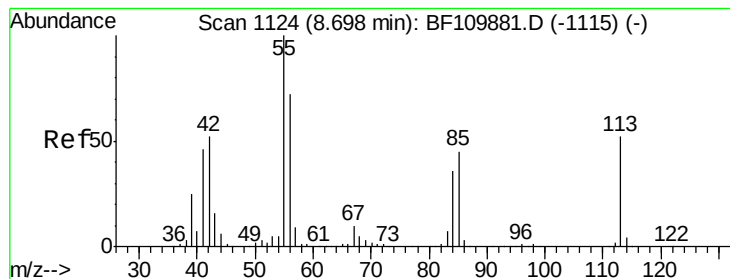
#34
Hexachlorobutadiene
Concen: 47.374 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:225	Resp:	274697
Ion Ratio	Lower	Upper
225	100	
223	64.2	51.4 77.2
227	62.2	51.0 76.6



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





#35

Caprolactam

Concen: 22.641 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

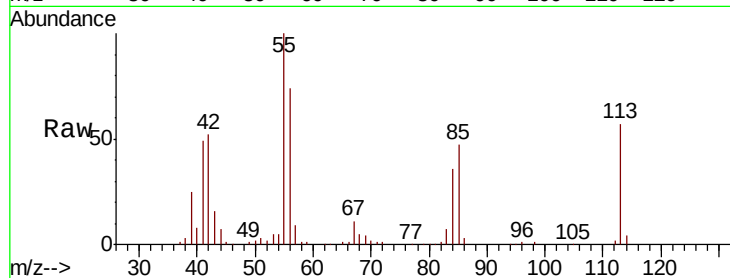
Tot Ion:113 Resp: 75514

Ion Ratio Lower Upper

113 100

55 176.7 142.8 182.8

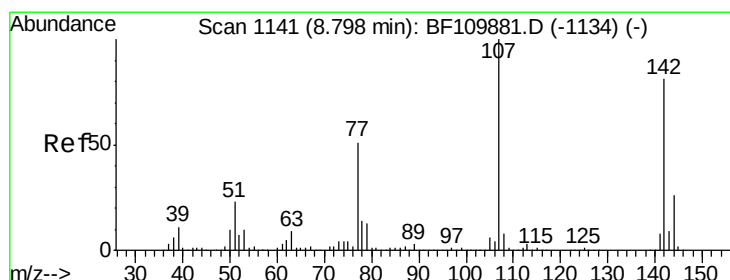
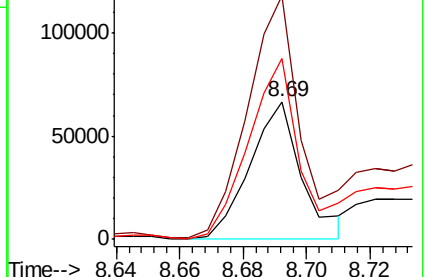
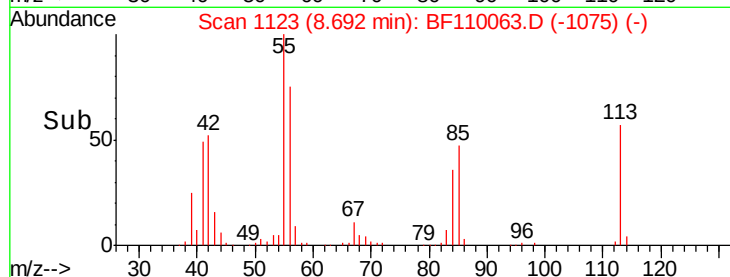
56 131.5 105.0 145.0



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: 46.003 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

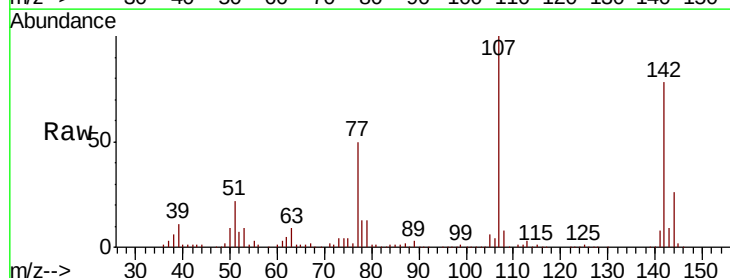
Tgt Ion:107 Resp: 455763

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

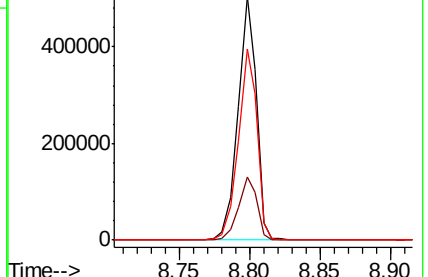
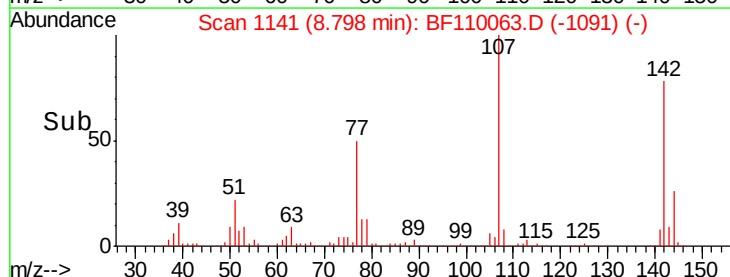
142 78.4 59.7 89.5

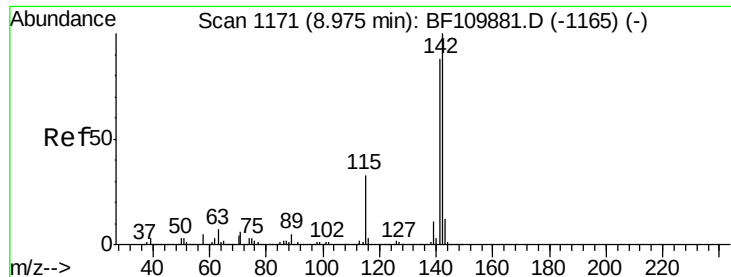


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

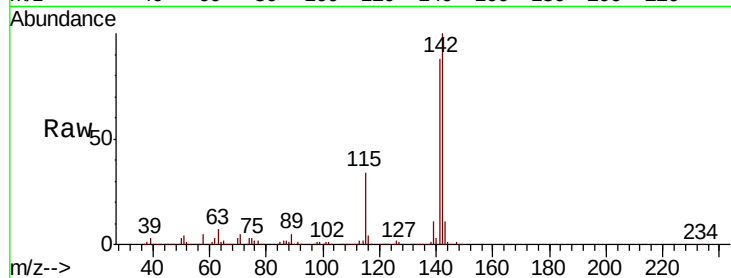




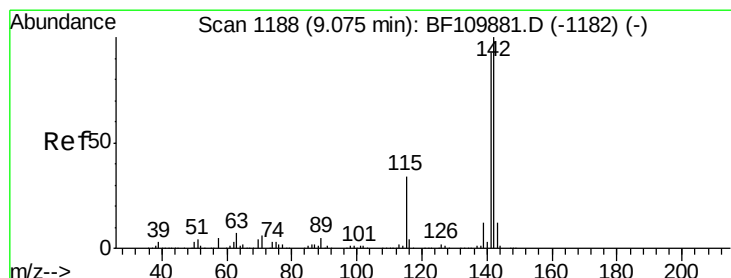
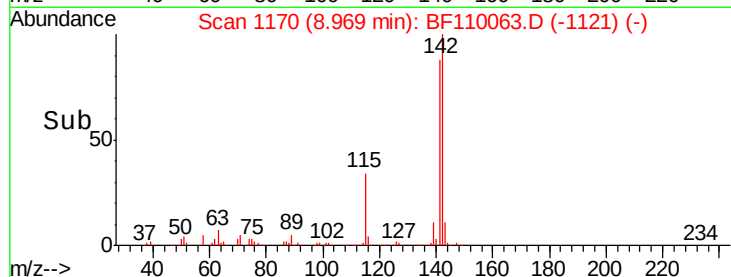
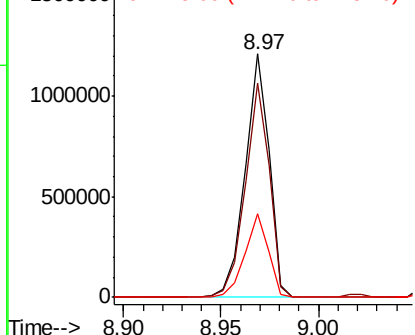
#37
2-Methylnaphthalene
Concen: 50.456 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1032349
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2
115 34.4 28.7 43.1

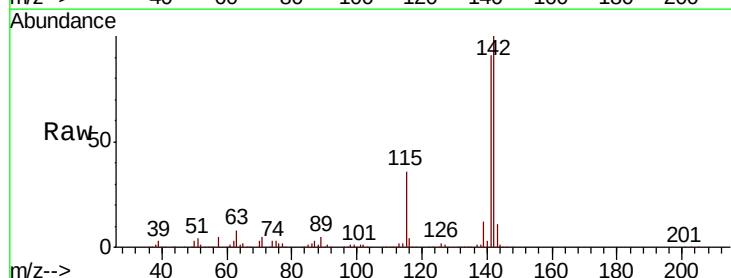


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

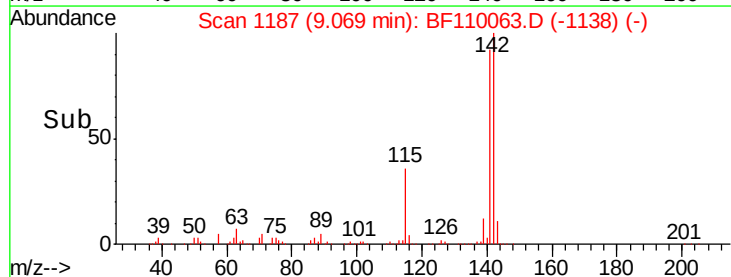
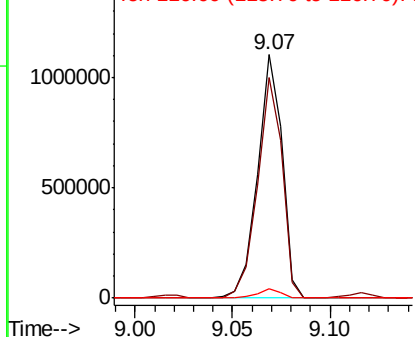


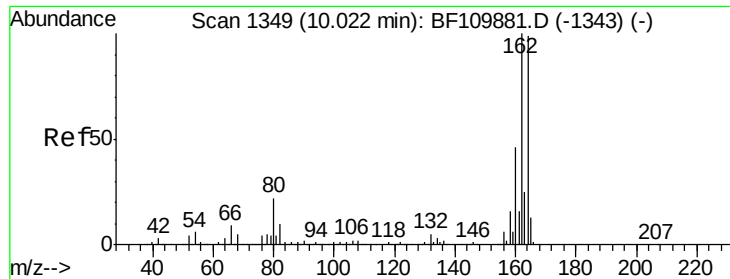
#38
1-Methylnaphthalene
Concen: 48.408 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:142 Resp: 959730
Ion Ratio Lower Upper
142 100
141 90.7 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. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

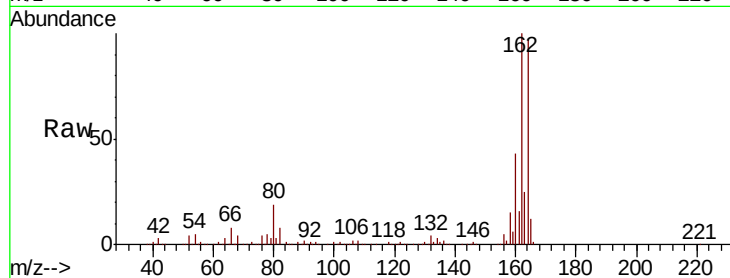
Tot Ion:164 Resp: 275119

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

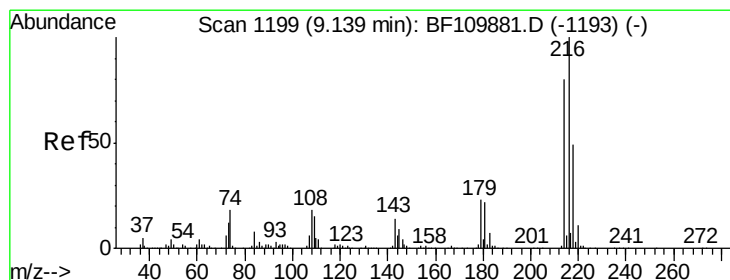
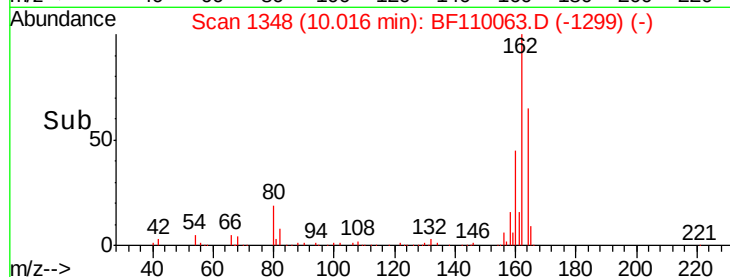
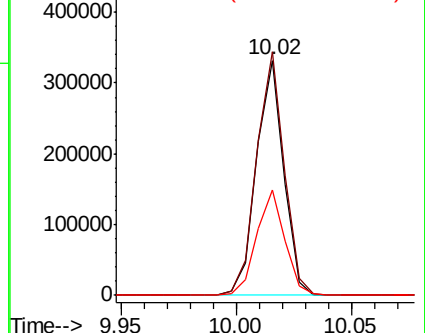
160 44.9 37.0 55.6



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: 50.828 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Tgt Ion:216 Resp: 430717

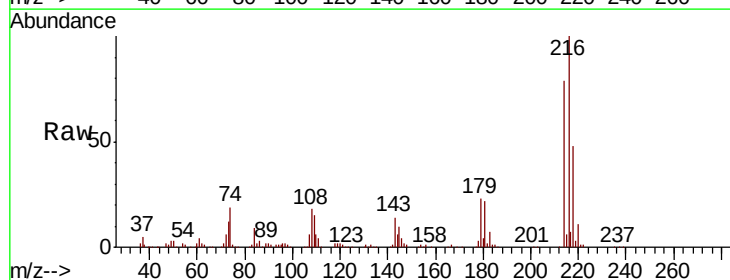
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 22.7 16.6 25.0

108 19.1 15.1 22.7

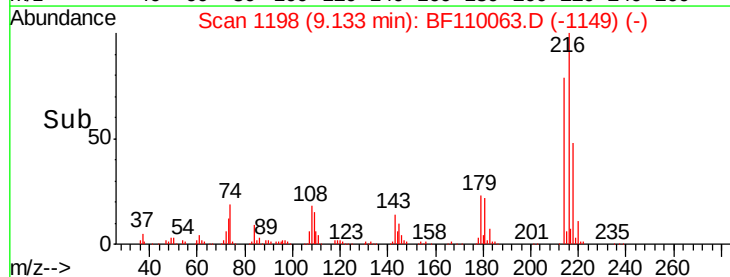
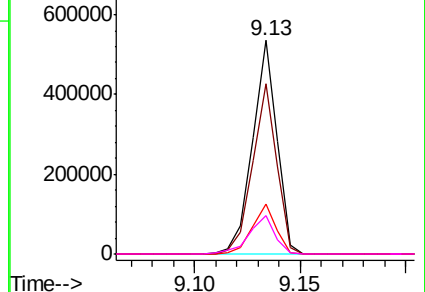


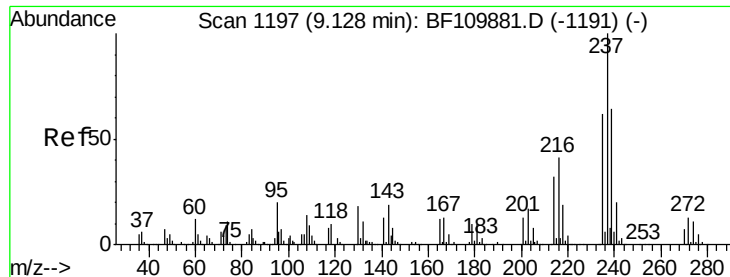
Abundance Ion 216.00 (215.70 to 216.70): E

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

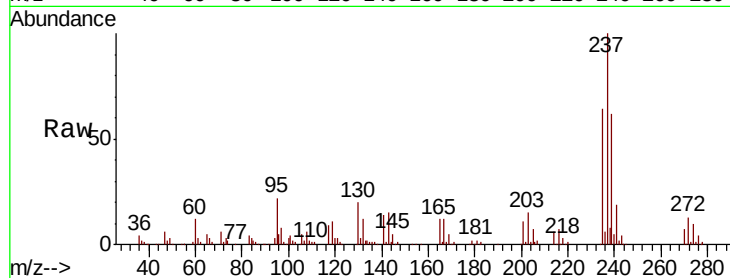




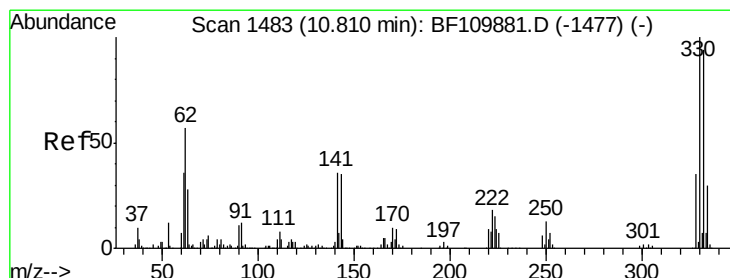
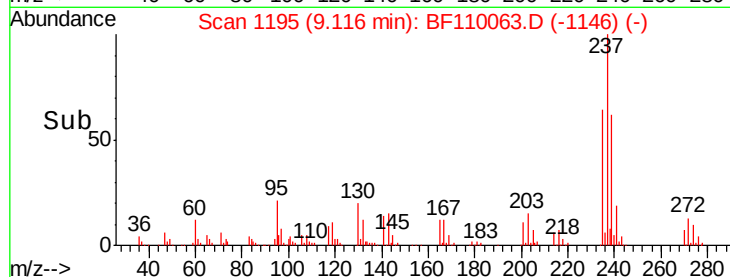
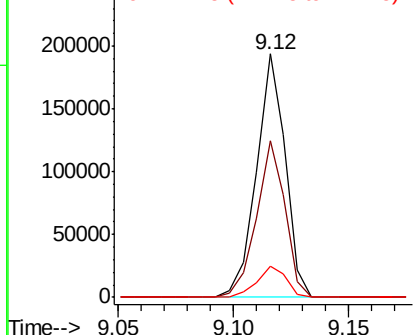
#41
Hexachlorocyclopentadiene
Concen: 41.289 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 168871
Ion Ratio Lower Upper
237 100
235 64.2 43.1 83.1
272 12.8 0.0 32.6

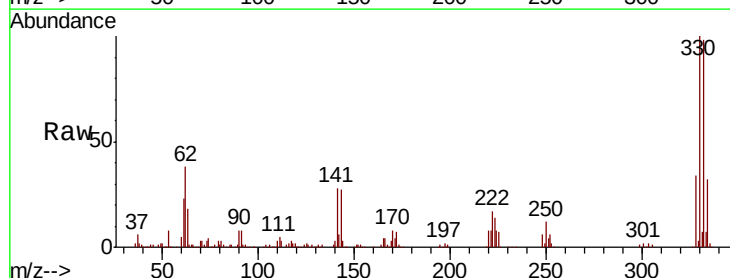


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

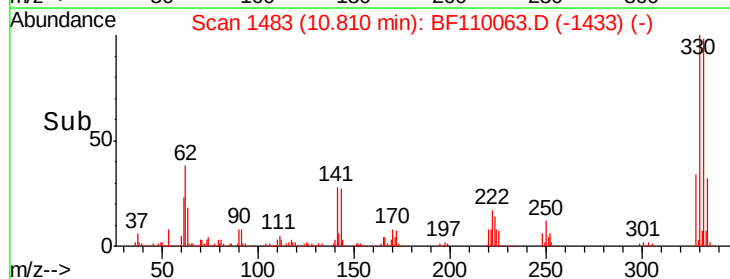
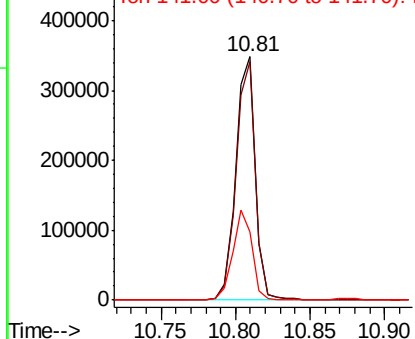


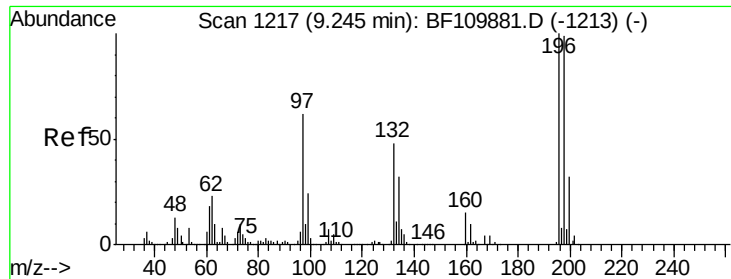
#42
2,4,6-Tribromophenol
Concen: 134.875 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:330 Resp: 321260
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.0 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

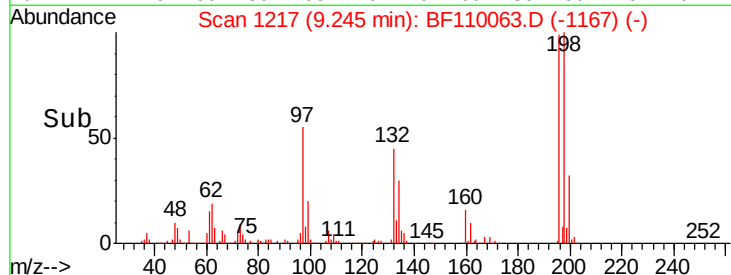
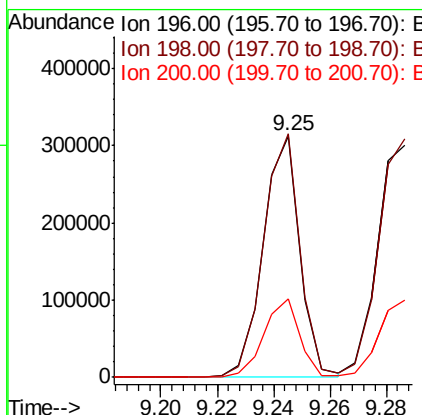
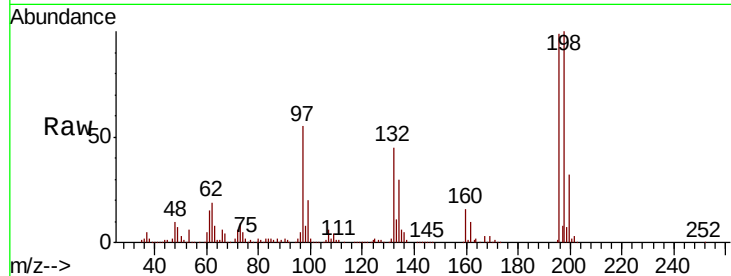




#43
 2,4,6-Trichlorophenol
 Concen: 53.035 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

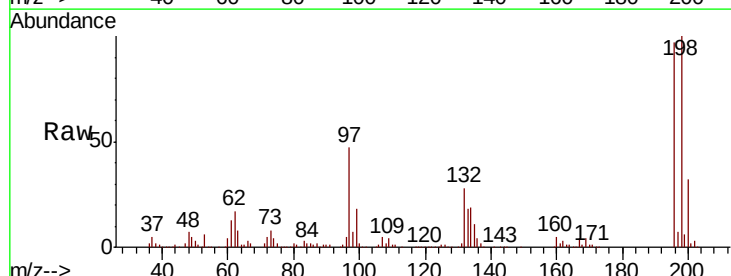
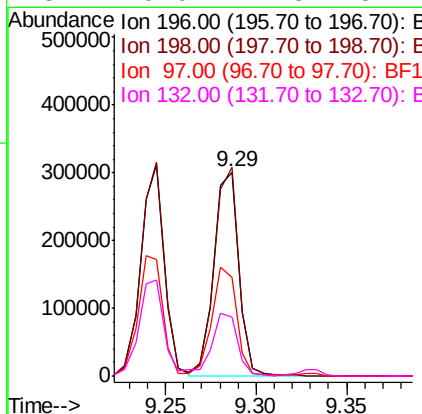
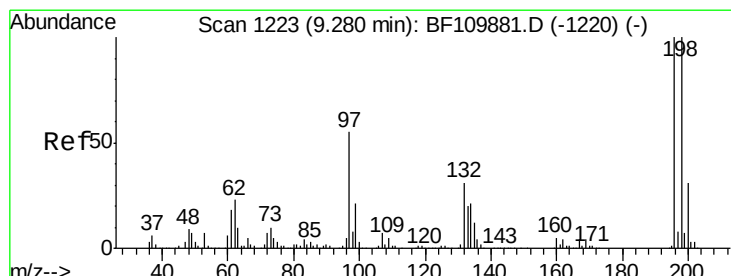
Instrument :
 BNA_F
 ClientSampled :

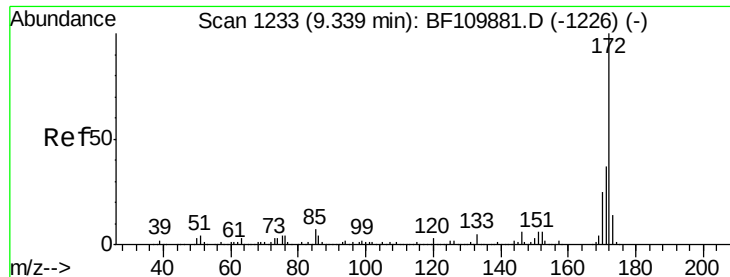
Tot Ion	196	198	200
Resp	281015		
Ratio	100	100.9	32.3
Lower		76.2	24.4
Upper		114.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 52.333 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion	196	198	97	132
Resp	287799			
Ratio	100	102.6	48.1	29.0
Lower		75.8	42.4	22.8
Upper		113.6	63.6	34.2

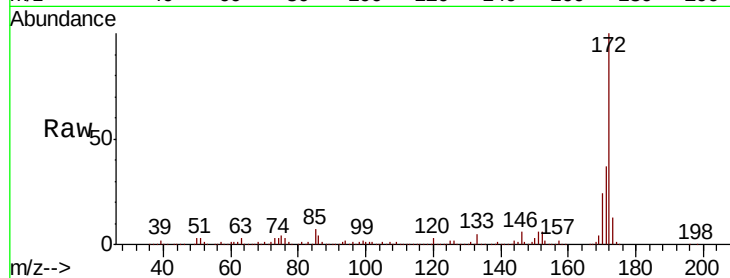




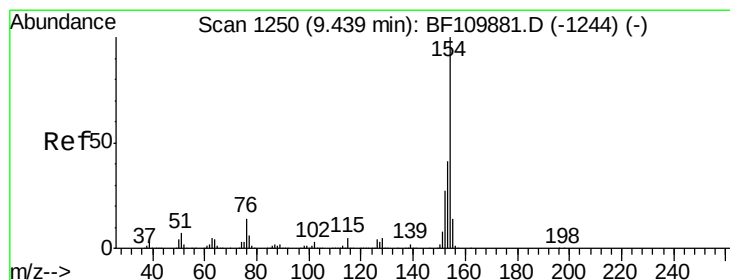
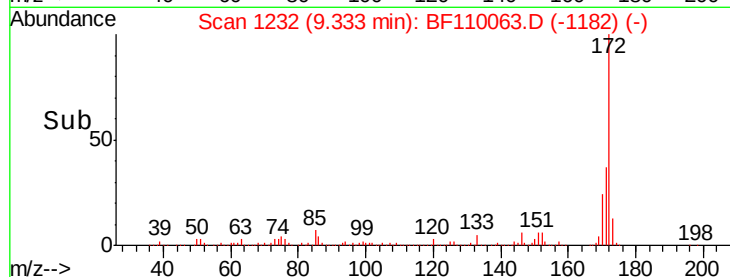
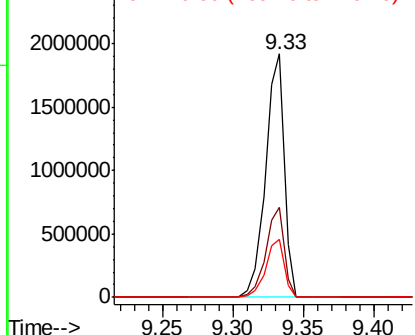
#45
2-Fluorobiphenyl
Concen: 104.593 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1803360
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.1 19.7 29.5

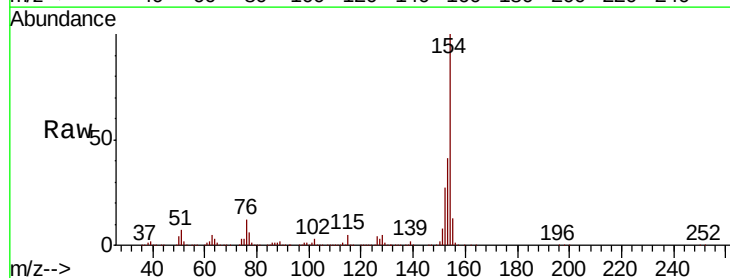


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

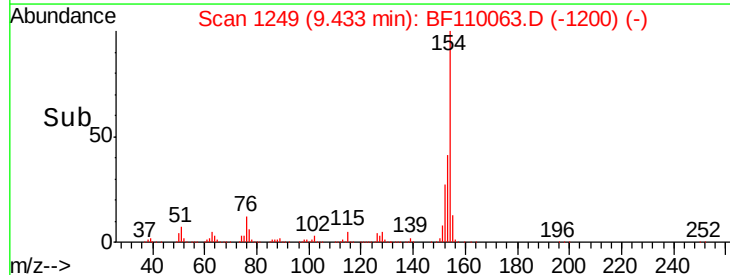
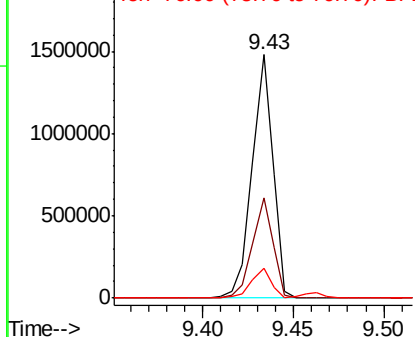


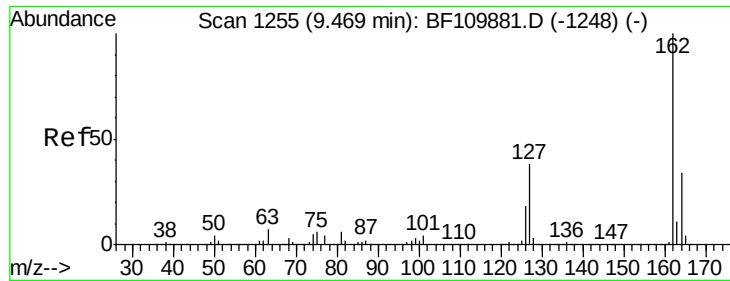
#46
1,1'-Biphenyl
Concen: 48.277 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:154 Resp: 1183355
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 12.2 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

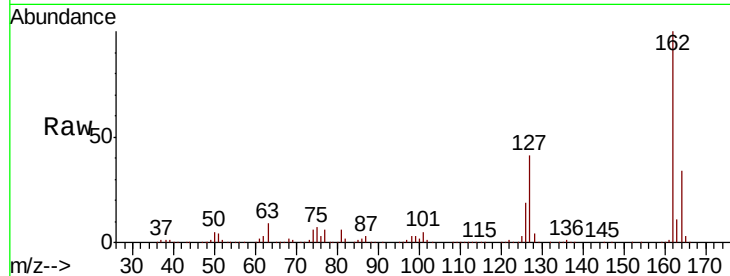




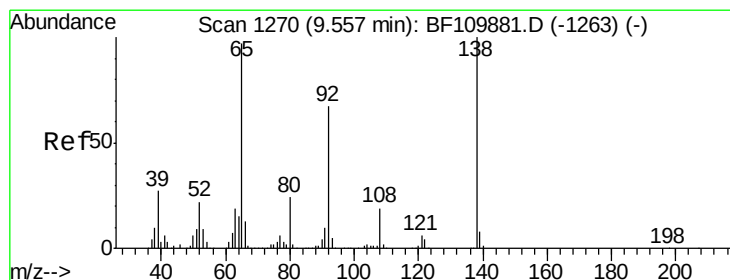
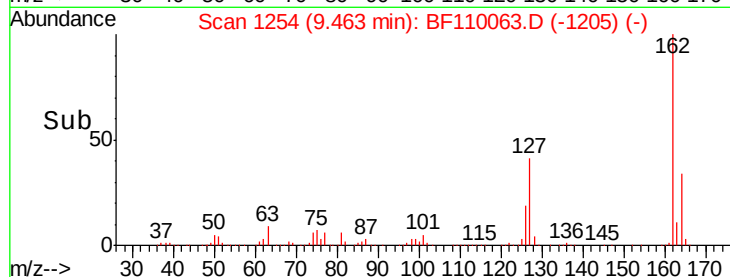
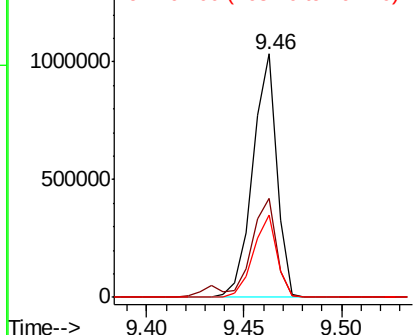
#47
 2-Chloronaphthalene
 Concen: 48.918 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 883238
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 33.8 25.9 38.9

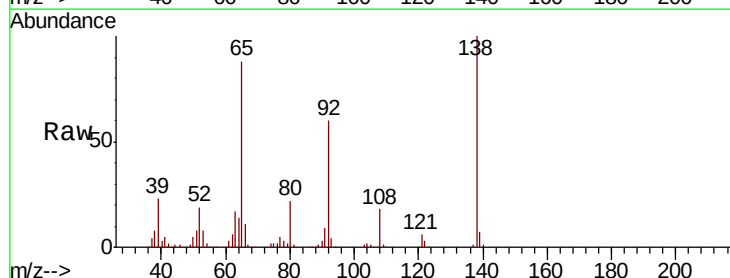


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

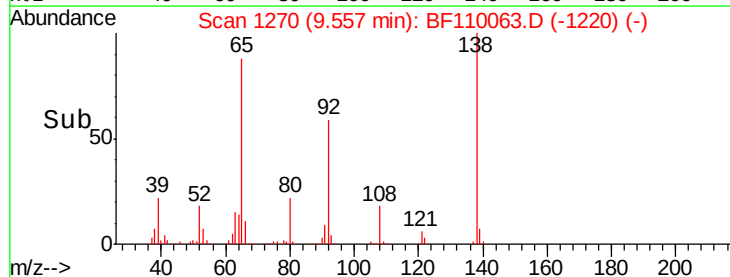
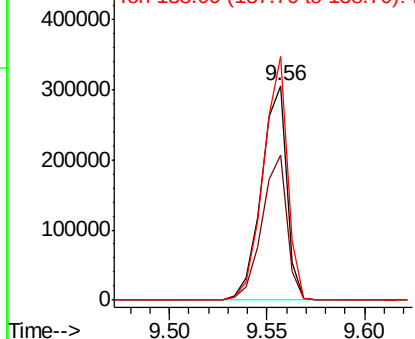


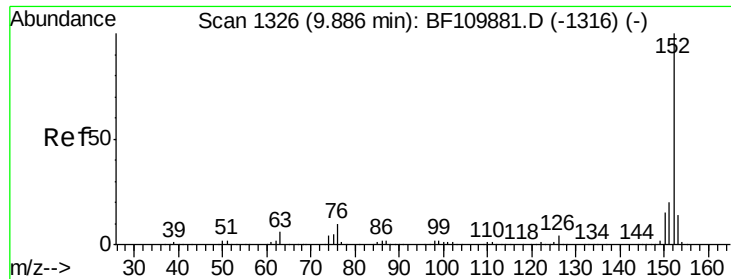
#48
 2-Nitroaniline
 Concen: 59.434 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion: 65 Resp: 275391
 Ion Ratio Lower Upper
 65 100
 92 67.6 54.6 81.8
 138 113.5 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: 50.396 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

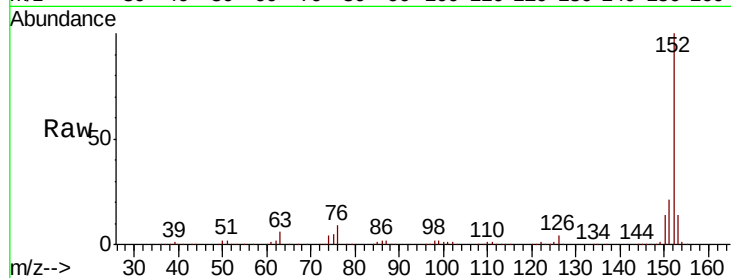
Tot Ion:152 Resp: 1321874

Ion Ratio Lower Upper

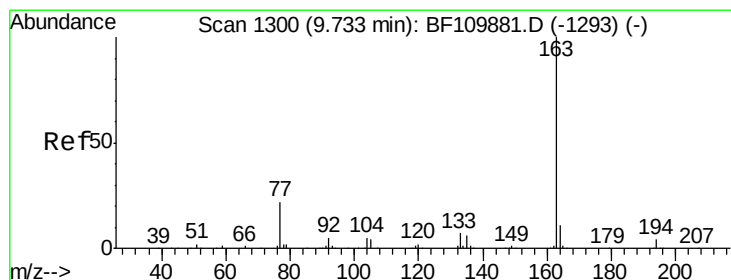
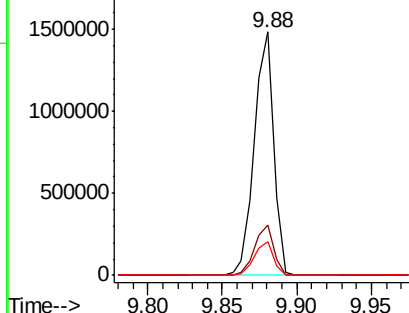
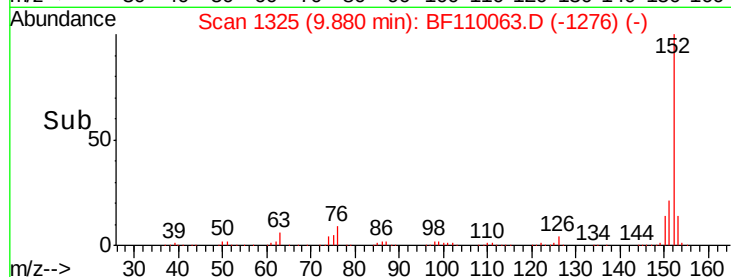
152 100

151 20.5 15.8 23.8

153 14.0 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: 61.288 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

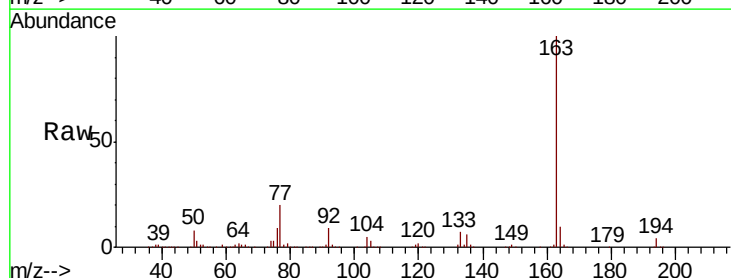
Tgt Ion:163 Resp: 1193946

Ion Ratio Lower Upper

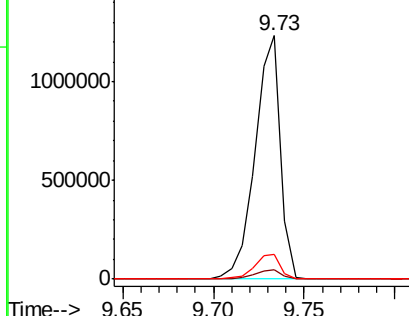
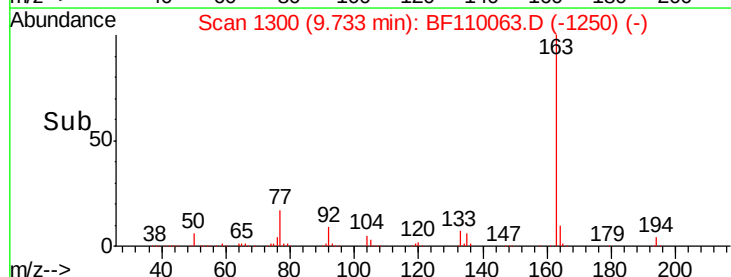
163 100

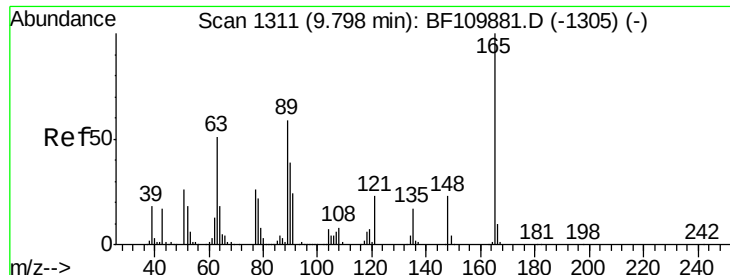
194 3.7 3.2 4.8

164 10.0 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

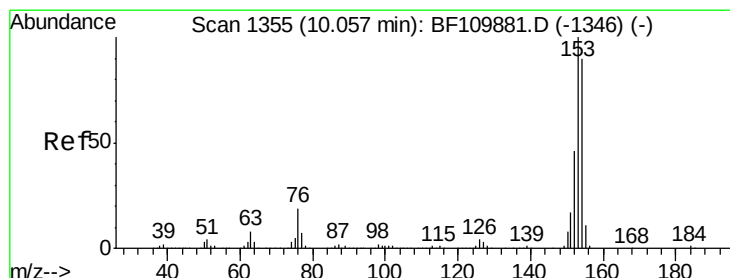
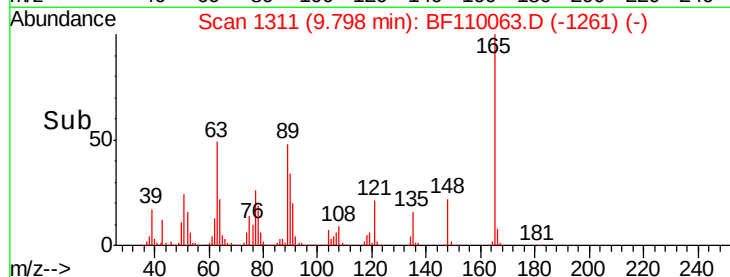
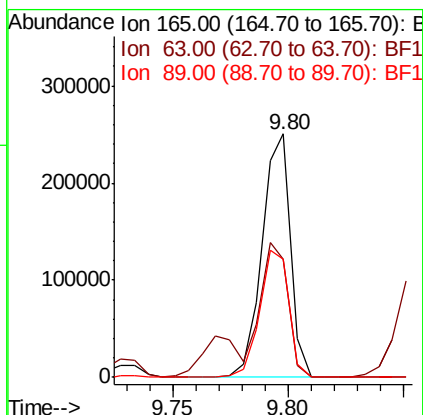
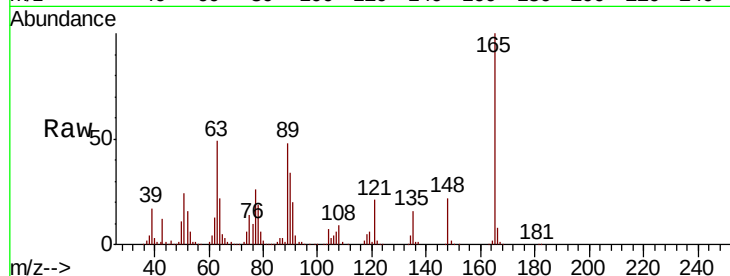




#51
2,6-Dinitrotoluene
Concen: 57.889 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

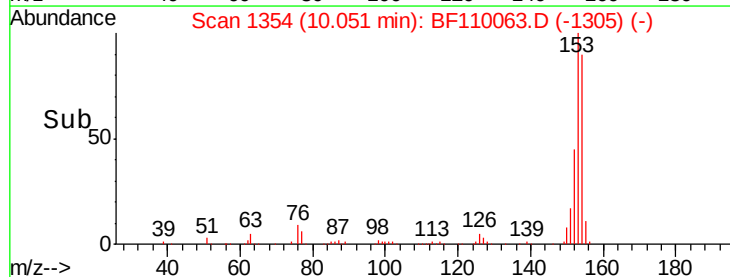
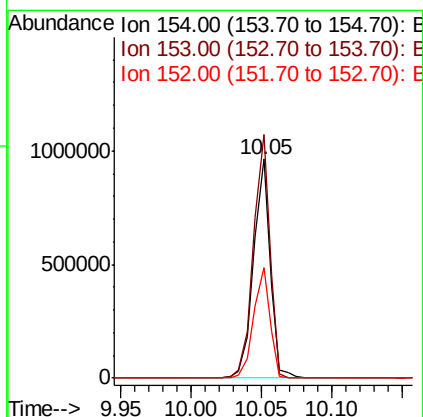
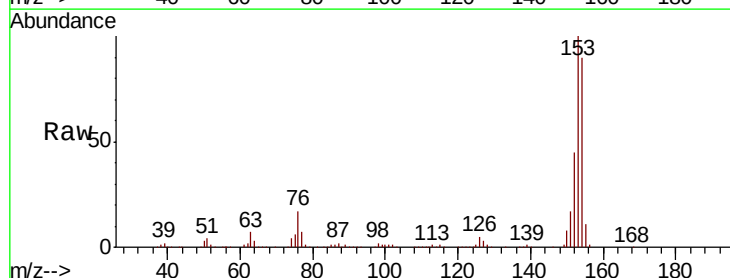
Instrument :
BNA_F
ClientSampleId :

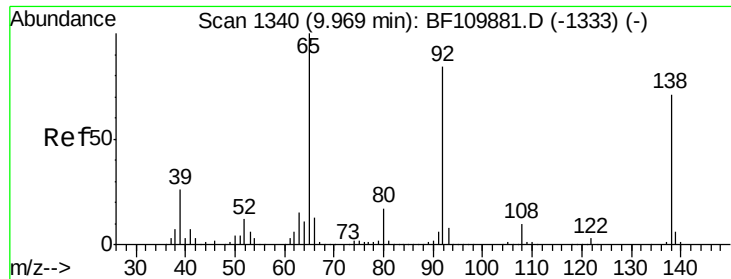
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	48.9	73.3#
89	48.3	46.6	69.8



#52
Acenaphthene
Concen: 48.285 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.1	135.1
152	50.2	43.4	65.2

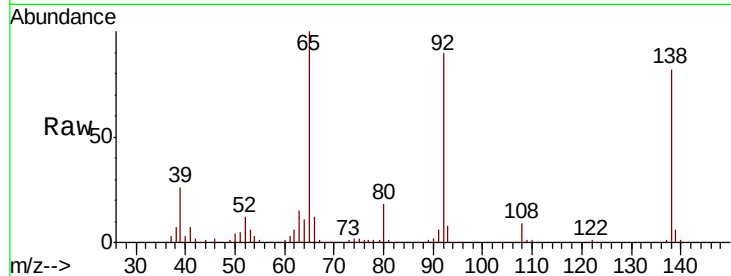




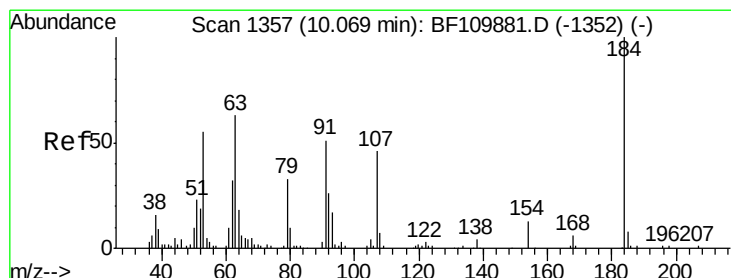
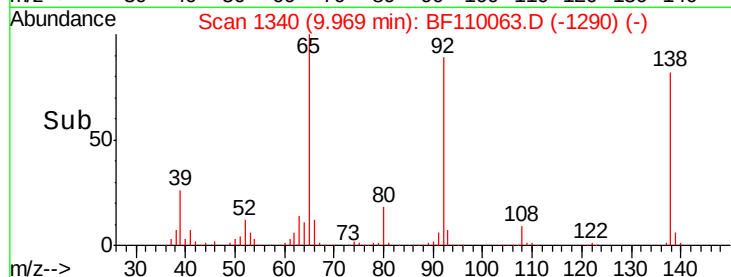
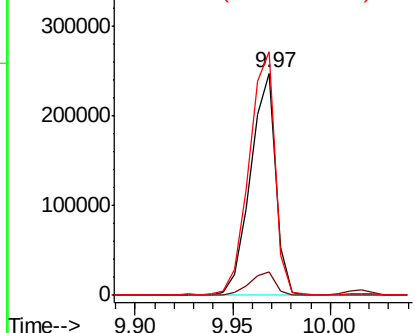
#53
3-Nitroaniline
Concen: 49.439 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 222521
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 109.5 97.0 145.4

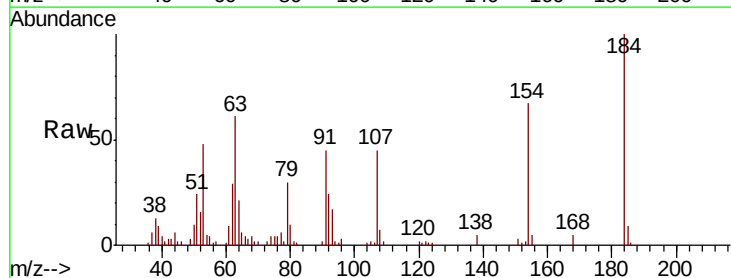


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

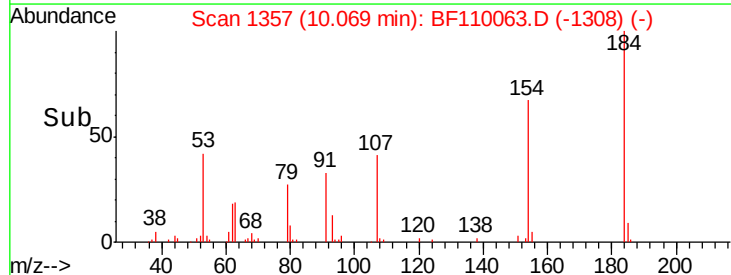
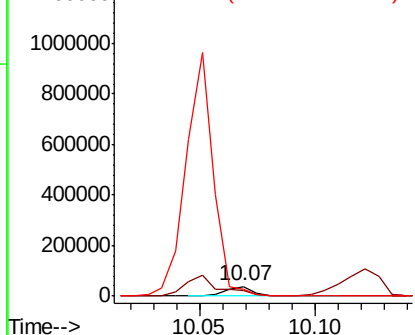


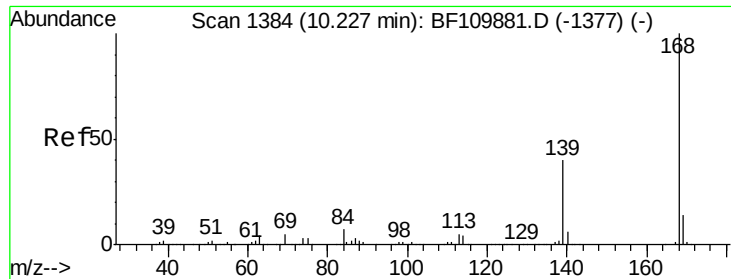
#54
2,4-Dinitrophenol
Concen: 32.996 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:184 Resp: 31950
Ion Ratio Lower Upper
184 100
63 60.6 55.8 83.6
154 66.9 63.2 94.8



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





#55

Dibenzenofuran

Concen: 46.734 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

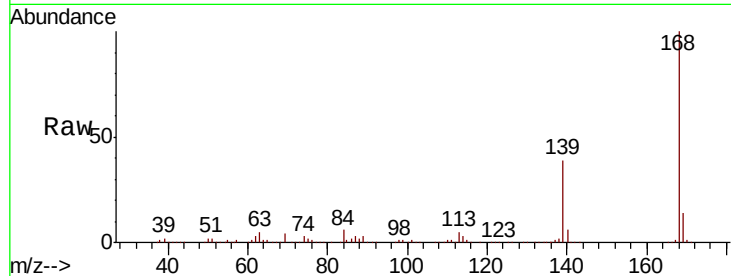
Tot Ion:168 Resp: 1112986

Ion Ratio Lower Upper

168 100

139 39.2 33.0 49.6

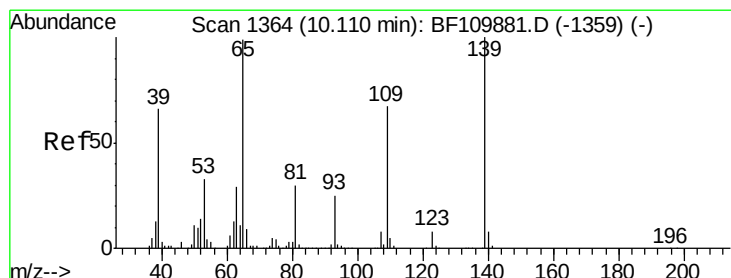
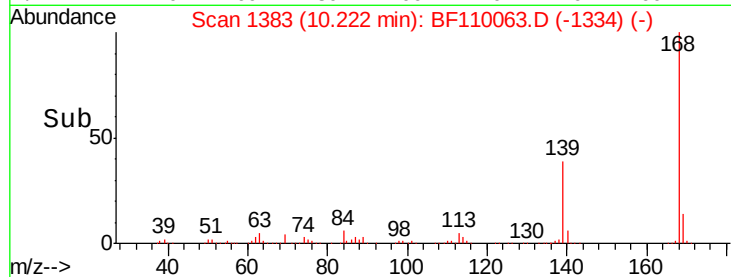
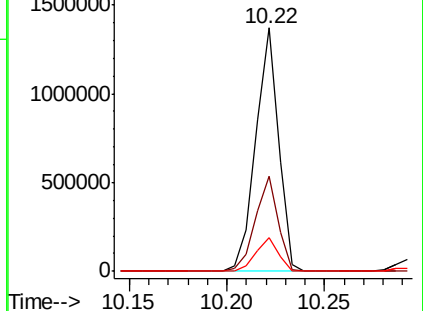
169 13.8 11.3 16.9



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: 125.374 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

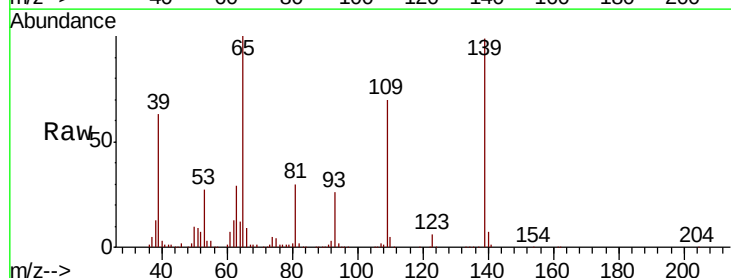
Tgt Ion:139 Resp: 430575

Ion Ratio Lower Upper

139 100

109 70.8 55.8 95.8

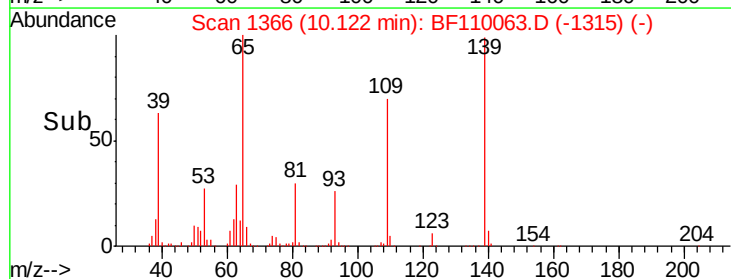
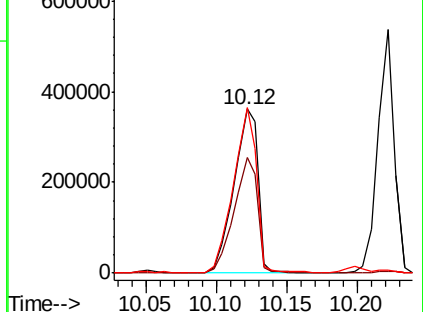
65 100.9 77.9 117.9

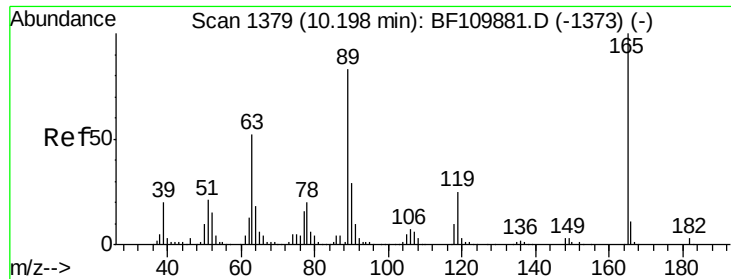


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

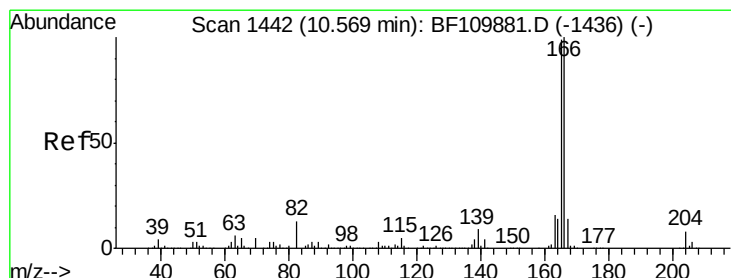
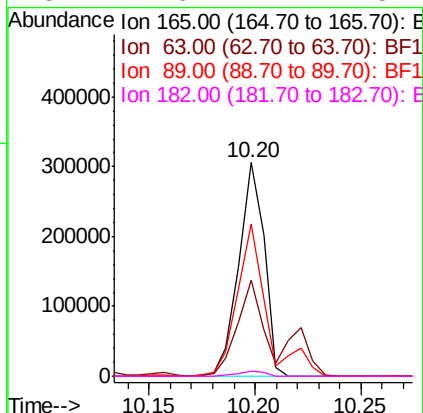
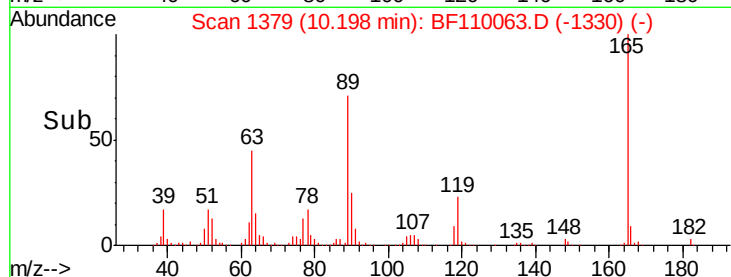
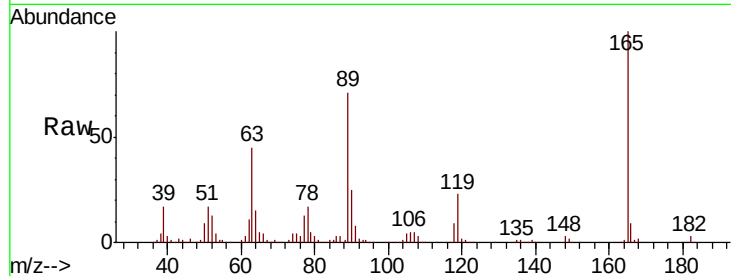




#57
 2,4-Dinitrotoluene
 Concen: 54.090 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

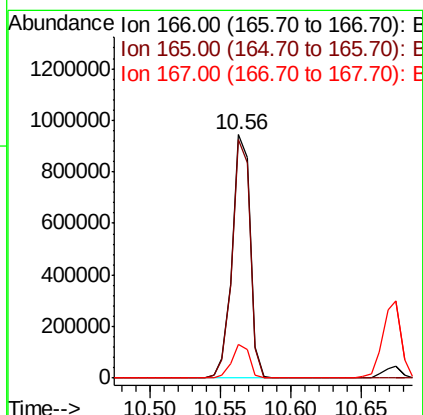
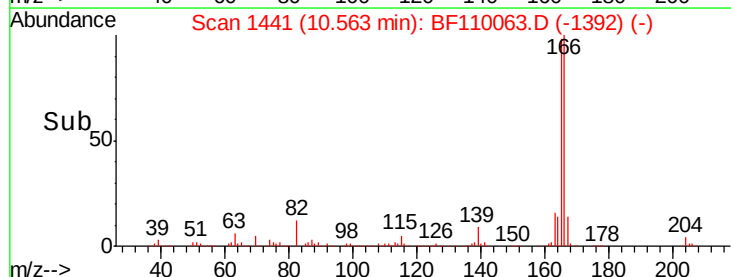
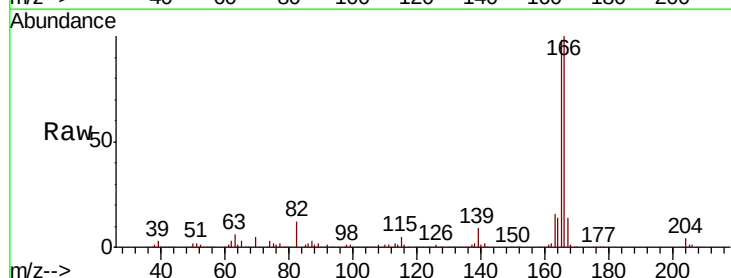
Instrument :
 BNA_F
 ClientSampleId :

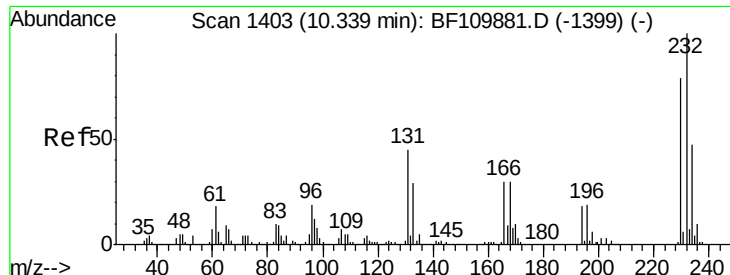
Tot Ion:165	Resp: 255820
Ion Ratio	Lower Upper
165 100	
63 45.1	44.8 67.2
89 71.3	62.2 93.4
182 2.6	2.1 3.1



#58
 Fluorene
 Concen: 48.372 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt	Ion:166	Resp:	838609
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	14.0	10.8	16.2

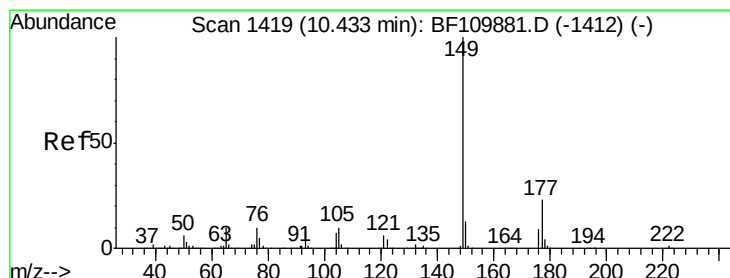
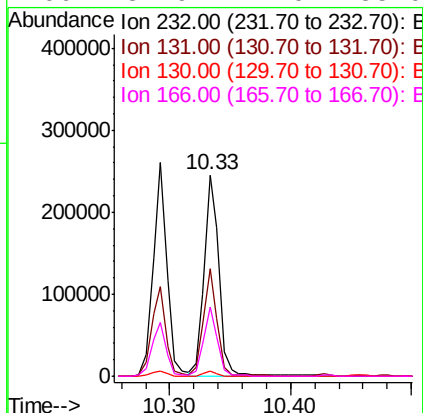
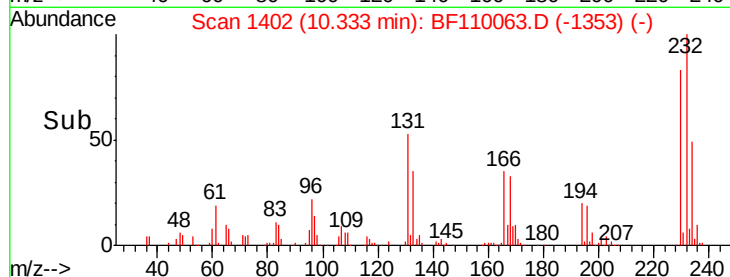
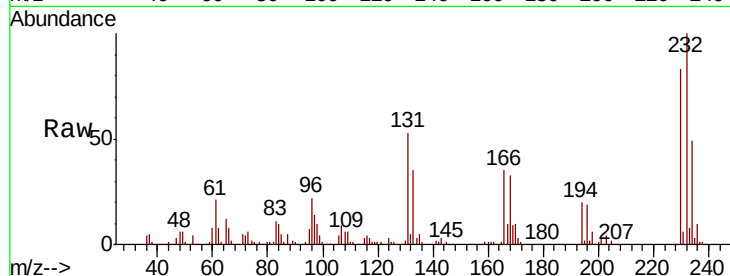




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.100 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

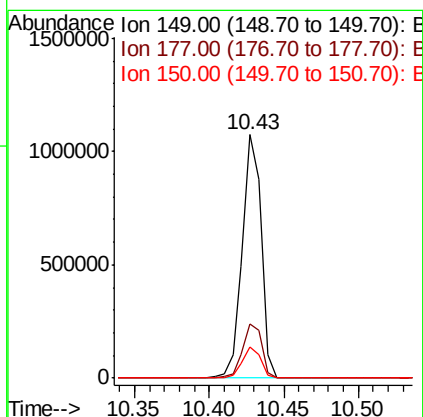
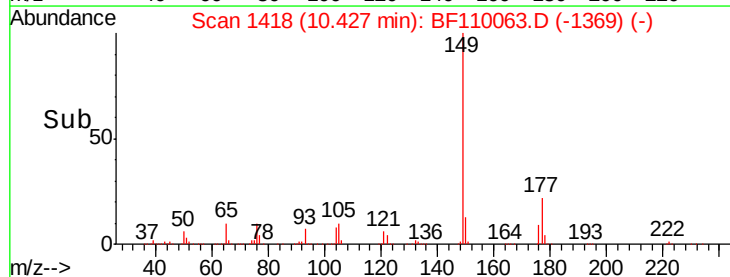
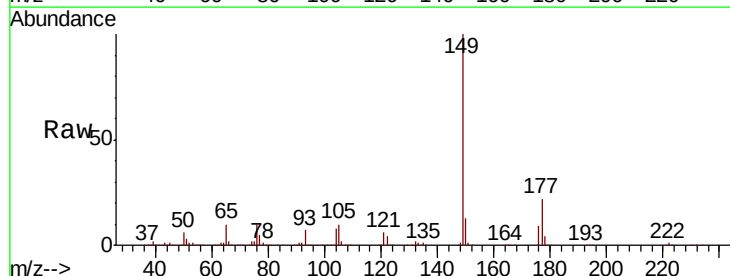
Instrument :
BNA_F
ClientSampleId :

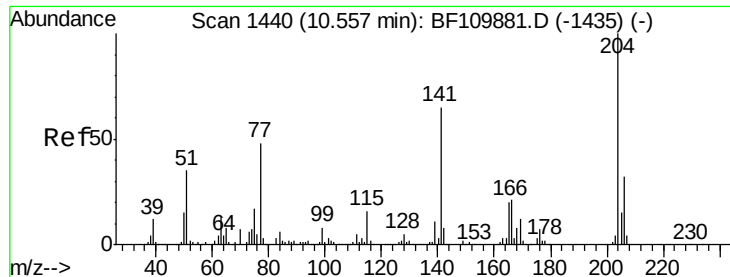
Tot Ion:	232	Resp:	209638
Ion	Ratio	Lower	Upper
232	100		
131	49.0	37.0	55.4
130	2.3	1.8	2.6
166	31.9	22.0	33.0



#60
Diethylphthalate
Concen: 49.418 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:	149	Resp:	950849
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.9	9.8	14.8

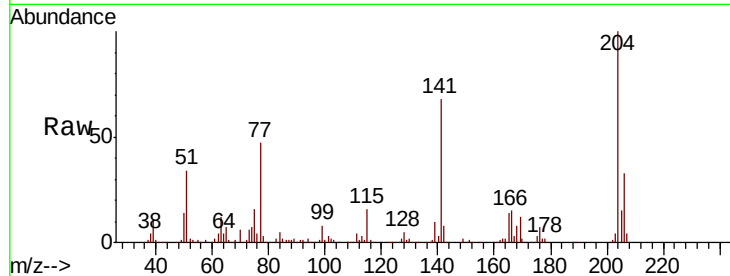




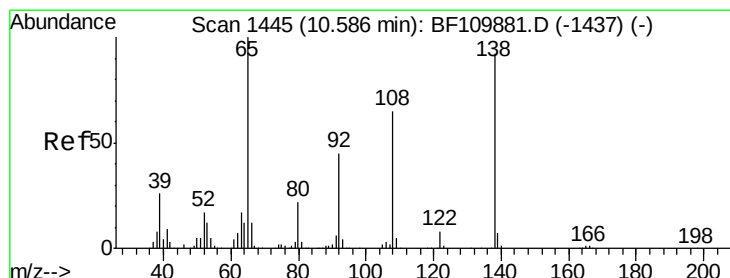
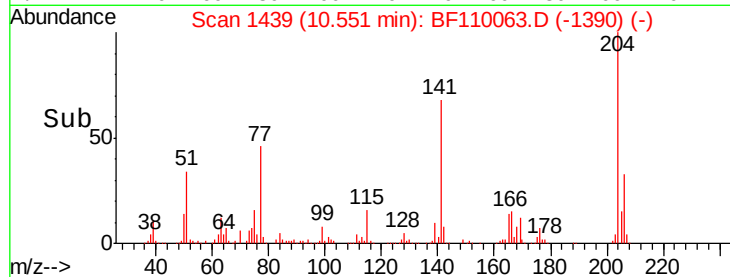
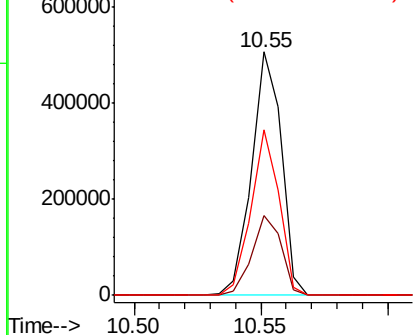
#61
4-Chlorophenyl-phenylether
Concen: 45.836 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 413928
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.8 51.8 77.8

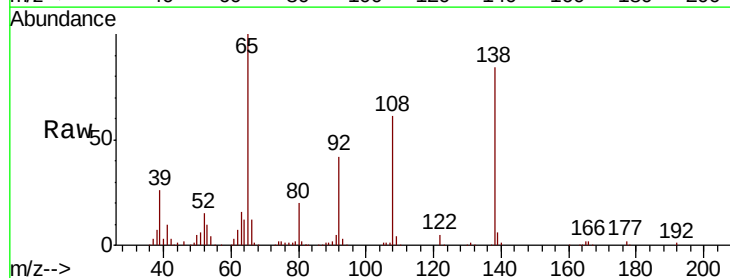


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

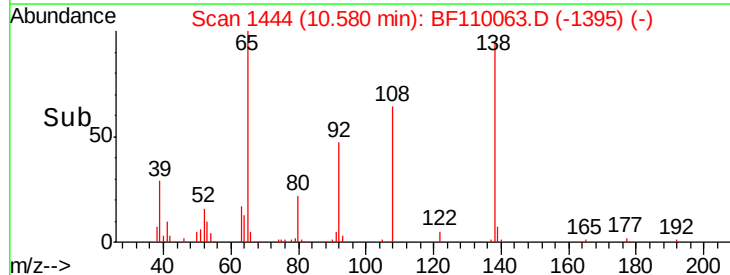
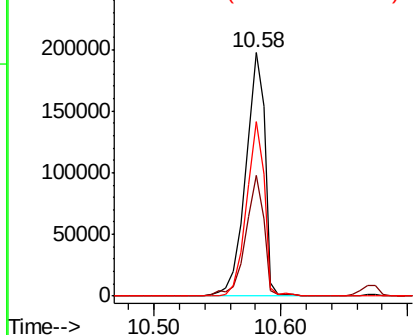


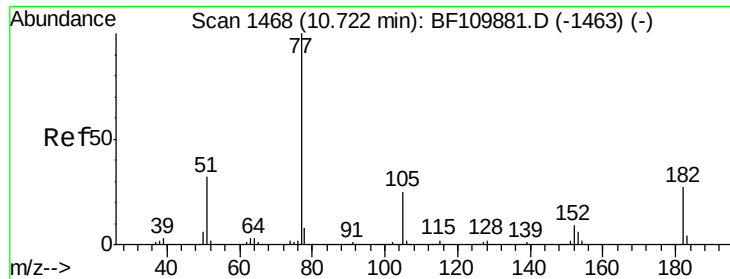
#62
4-Nitroaniline
Concen: 48.750 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:138 Resp: 207705
Ion Ratio Lower Upper
138 100
92 49.7 31.7 71.7
108 71.8 59.3 99.3



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

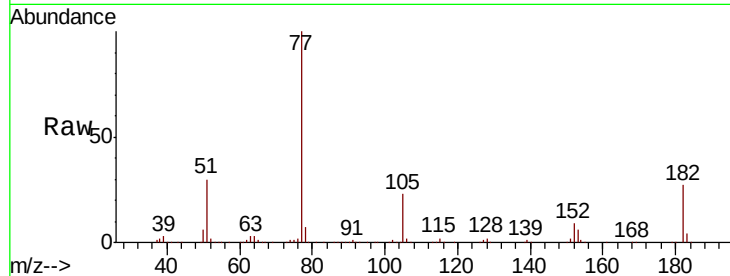




#63
Azobenzene
Concen: 43.442 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	4.3	44.3	
105	23.3	1.3	41.3	
51	30.1	9.0	49.0	



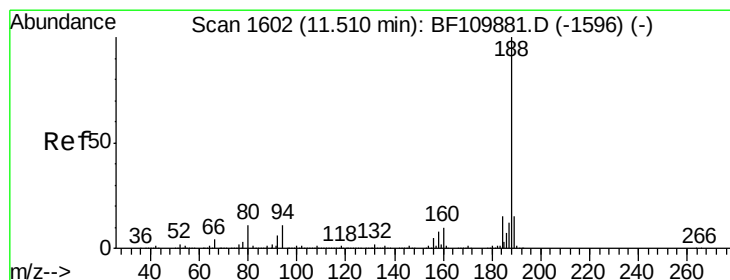
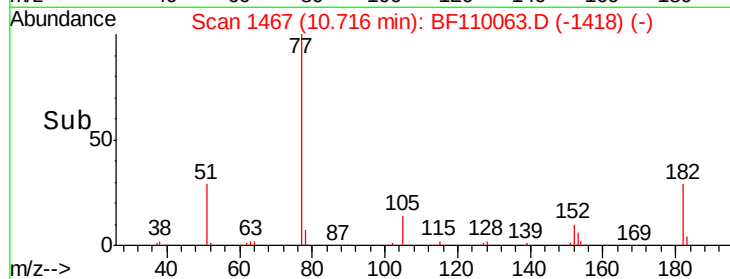
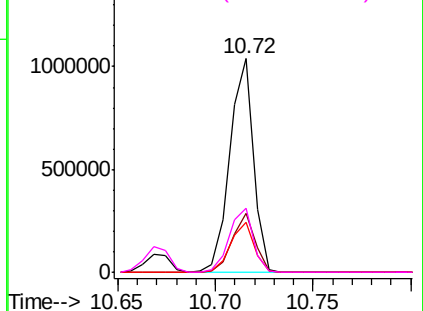
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

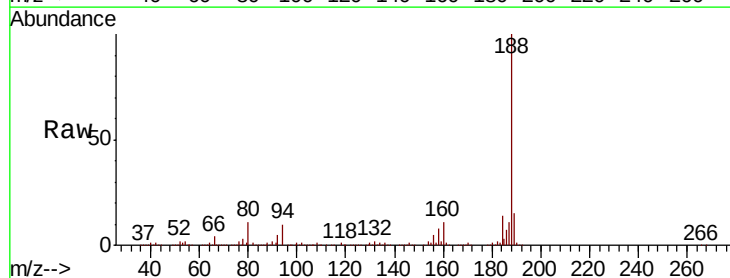
Ion 105.00 (104.70 to 105.70): BF1

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. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.2	10.8	
80	11.4	7.9	11.9	

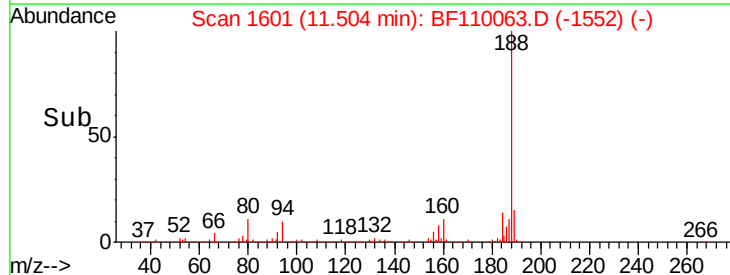
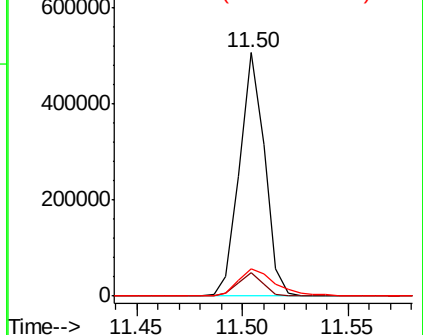


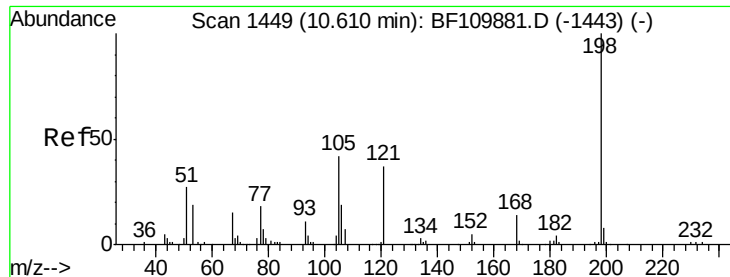
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

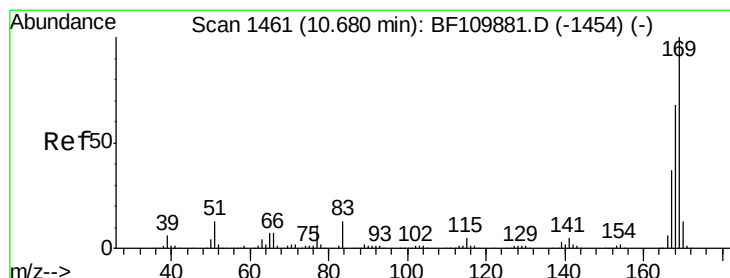
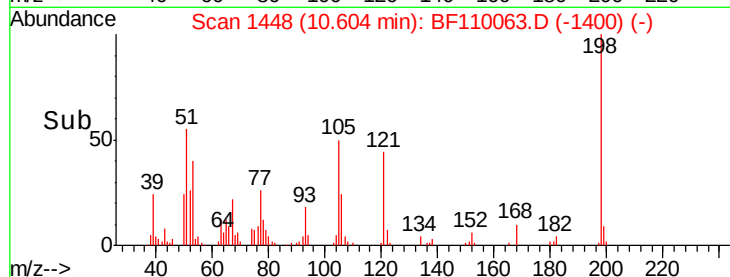
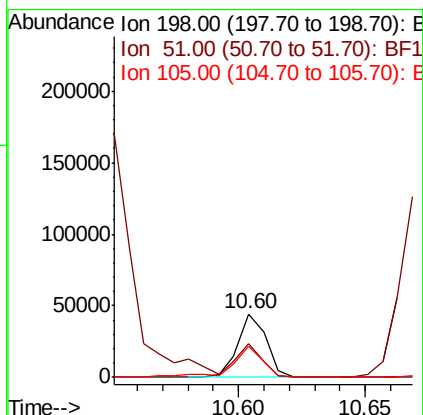
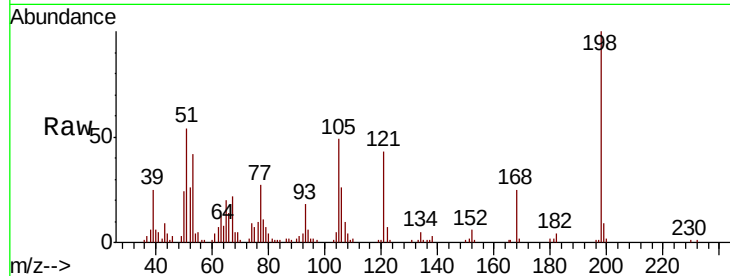




#65
4,6-Dinitro-2-methylphenol
Concen: 27.055 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

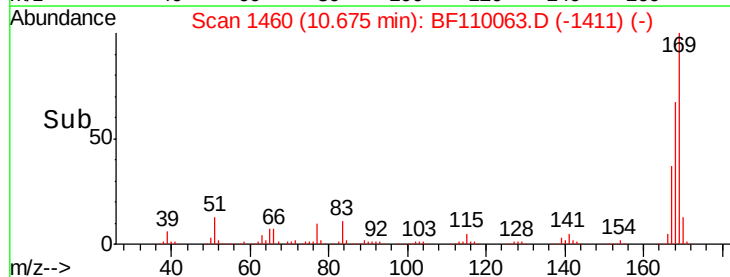
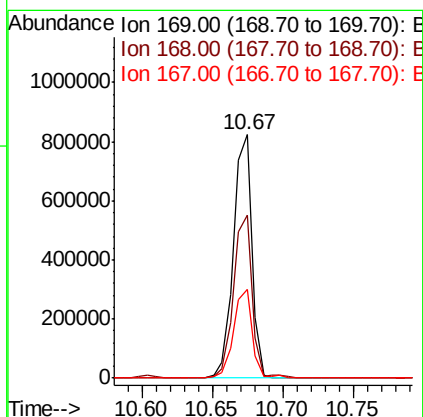
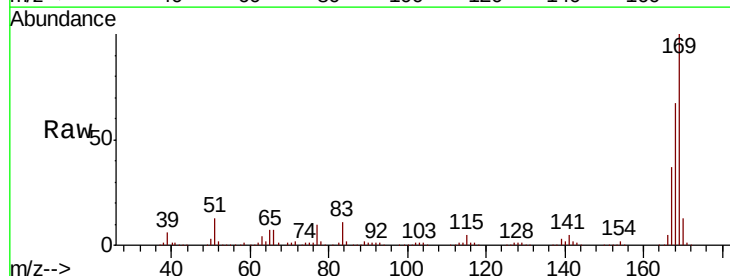
Instrument :
BNA_F
ClientSampled :

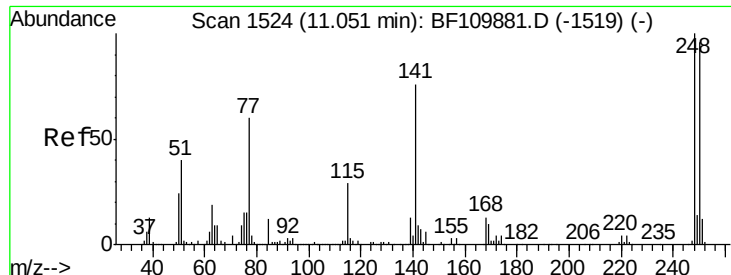
Tot Ion:198 Resp: 34621
Ion Ratio Lower Upper
198 100
51 54.1 22.8 62.8
105 48.9 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 54.076 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:169 Resp: 750771
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 36.6 27.8 41.6

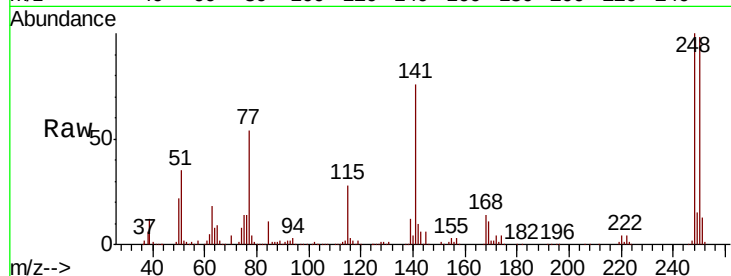




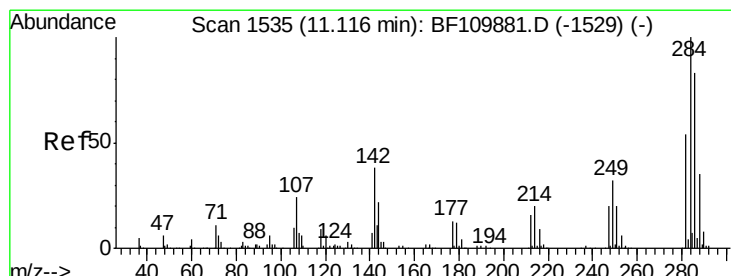
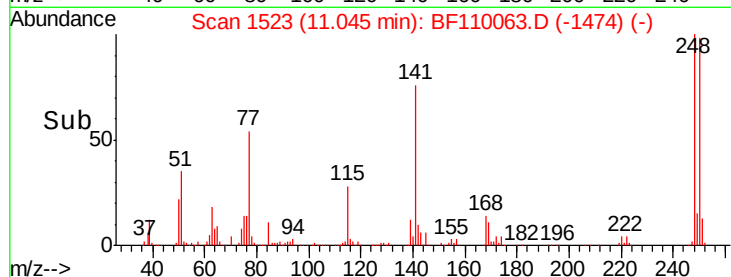
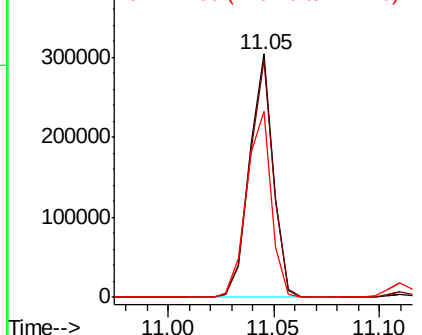
#67
4-Bromophenyl-phenylether
Concen: 52.706 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 238103
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.2
141 76.3 55.9 83.9

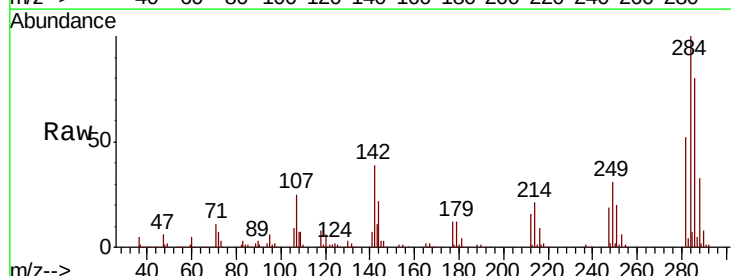


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

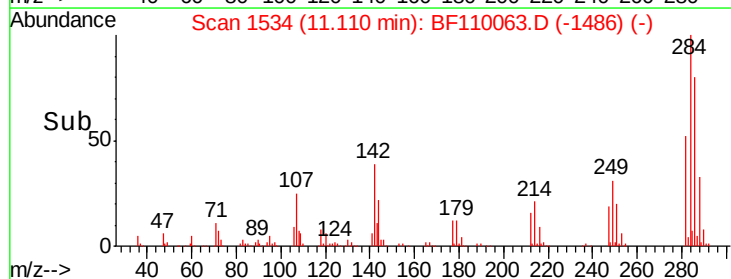
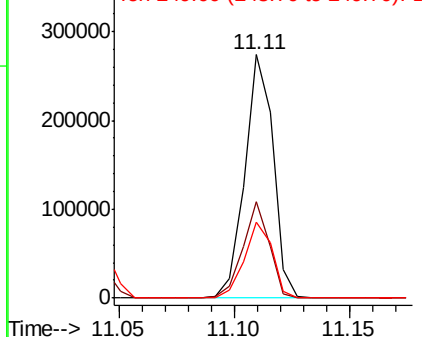


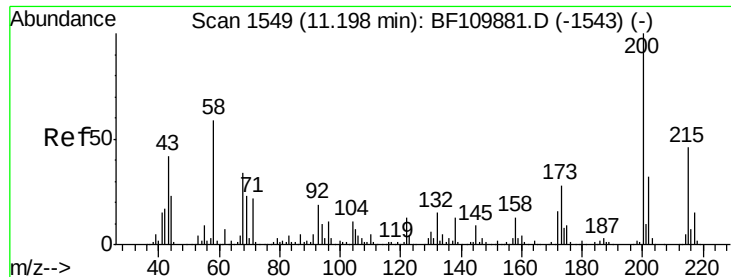
#68
Hexachlorobenzene
Concen: 48.942 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:284 Resp: 235775
Ion Ratio Lower Upper
284 100
142 39.3 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

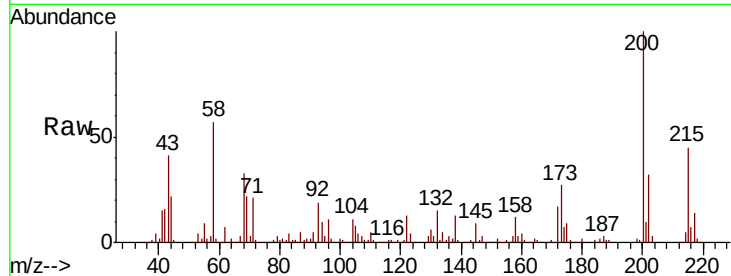




#69
Atrazine
Concen: 51.562 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	44.9	26.3	66.3

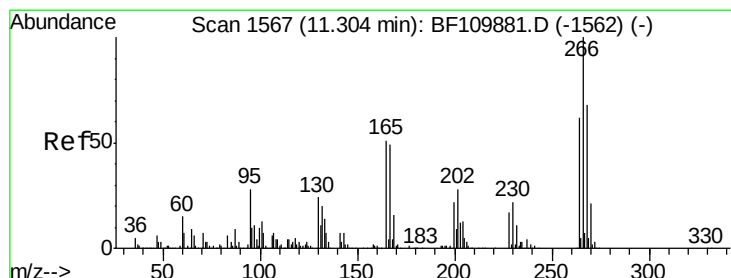
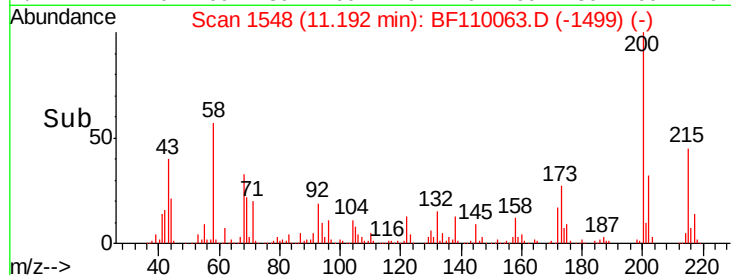
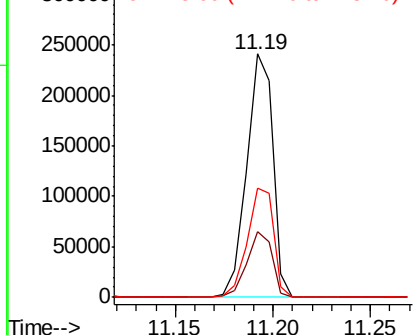


Abundance

Ion 200.00 (199.70 to 200.70): E

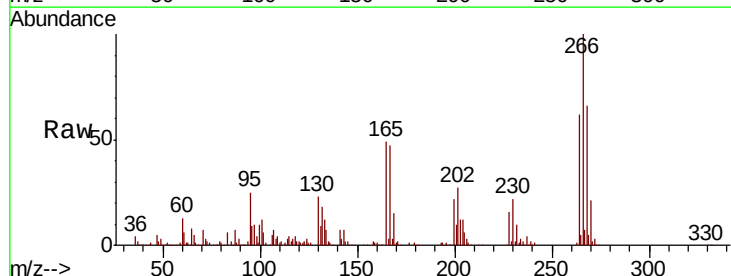
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.129 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.6	75.8
264	62.5	50.6	75.8

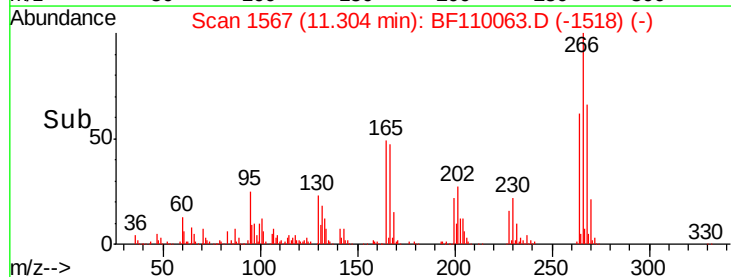
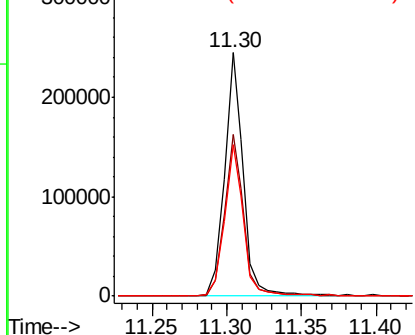


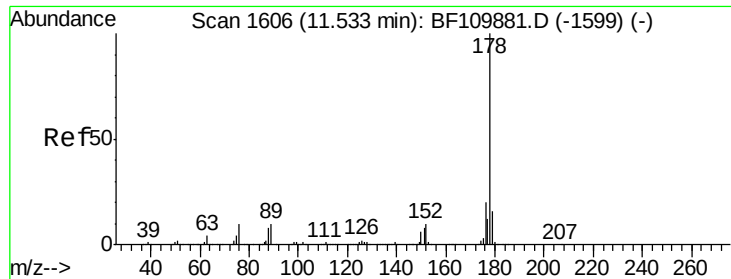
Abundance

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: 51.830 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

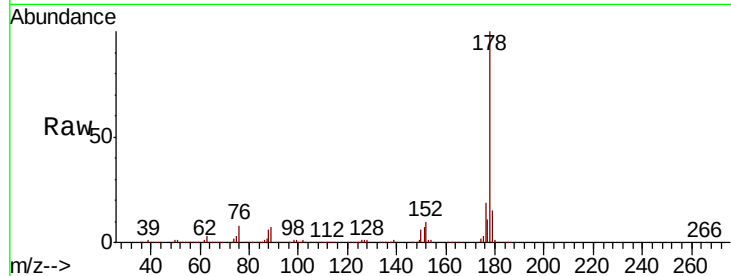
Tot Ion:178 Resp: 1118533

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

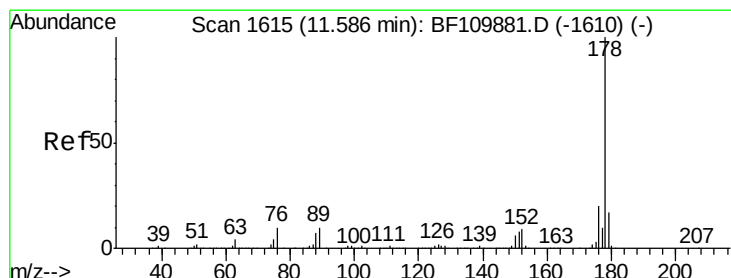
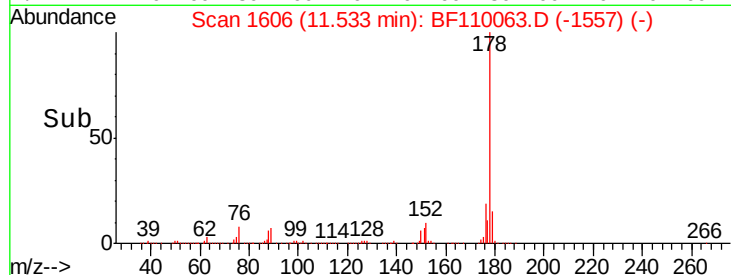
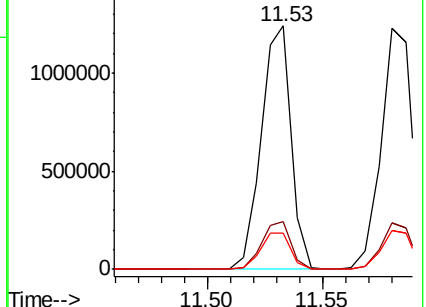
179 15.1 12.5 18.7



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: 52.466 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

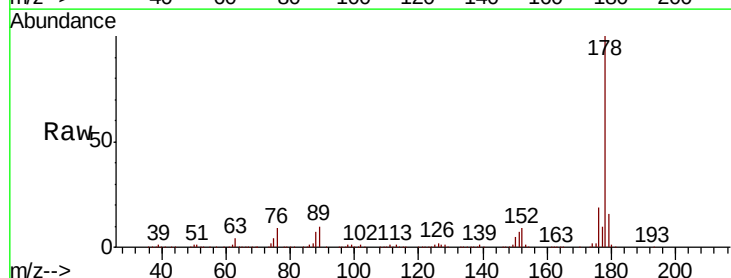
Tgt Ion:178 Resp: 1138335

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

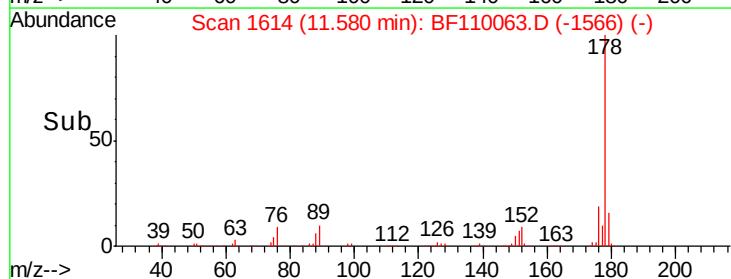
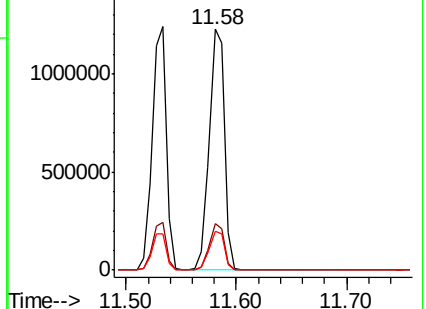
179 16.4 12.6 18.8

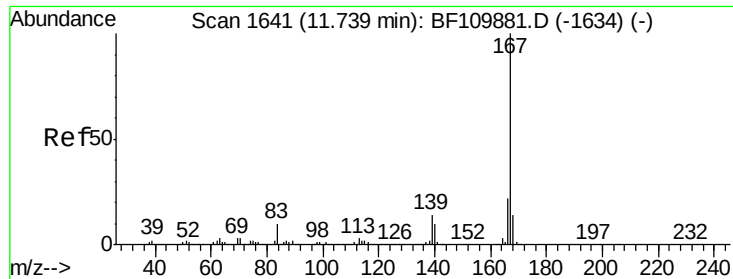


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

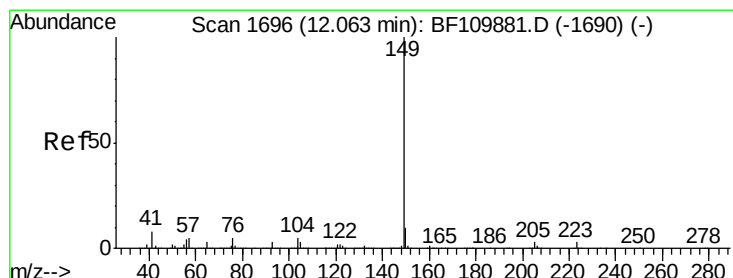
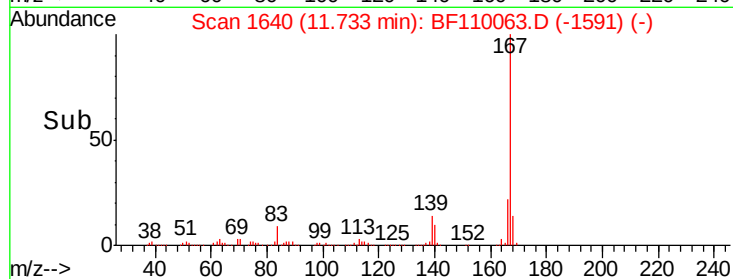
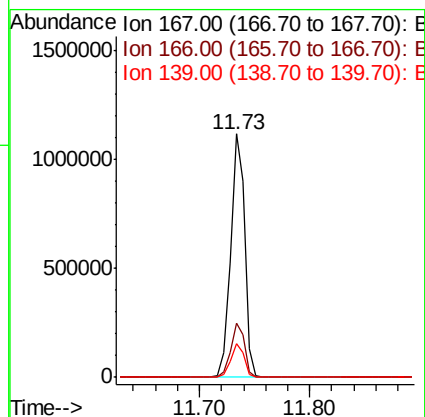
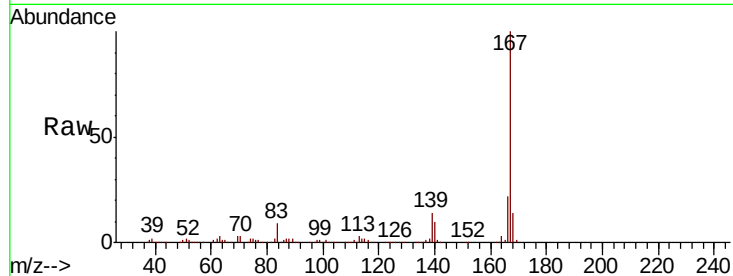




#73
 Carbazole
 Concen: 46.653 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

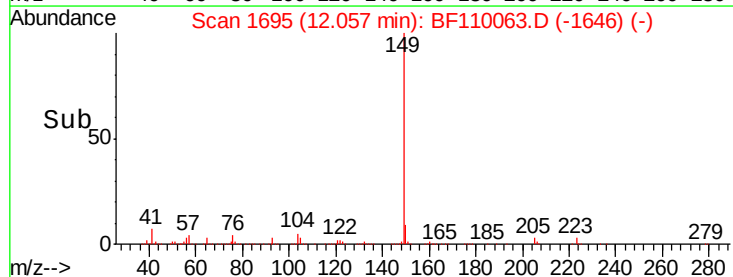
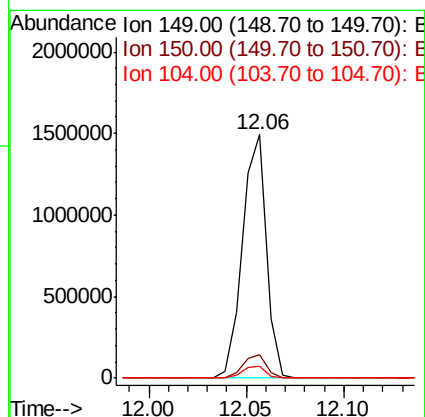
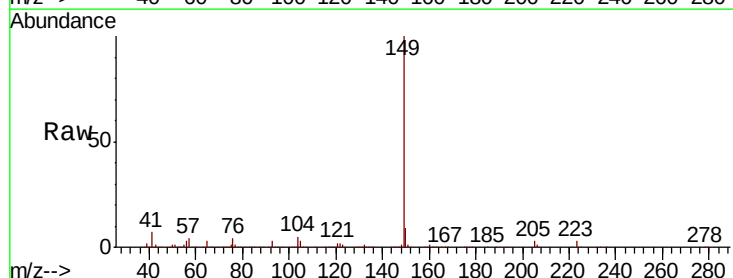
Instrument :
 BNA_F
 ClientSampleId :

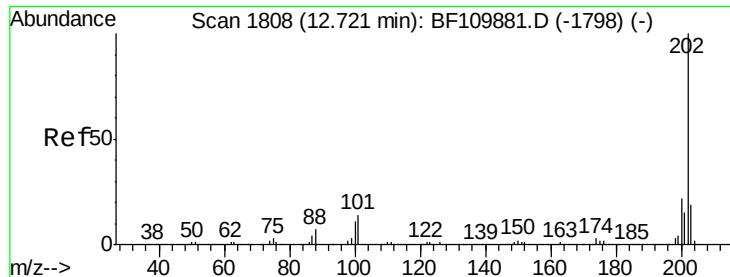
Tot Ion:167 Resp: 994796
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 53.242 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion:149 Resp: 1267008
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.7 4.2 6.4



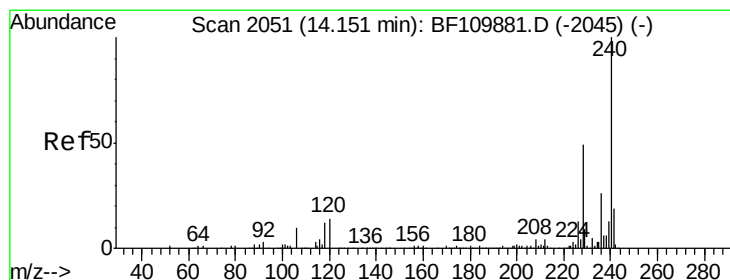
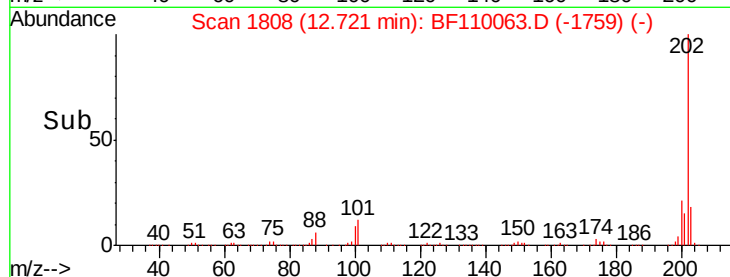
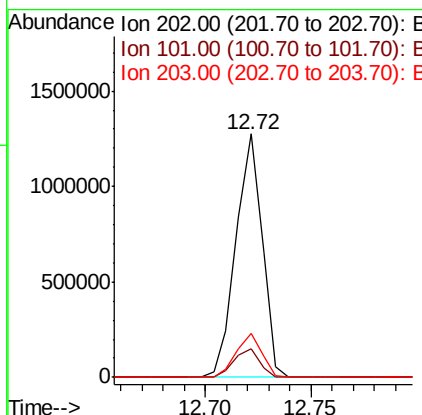
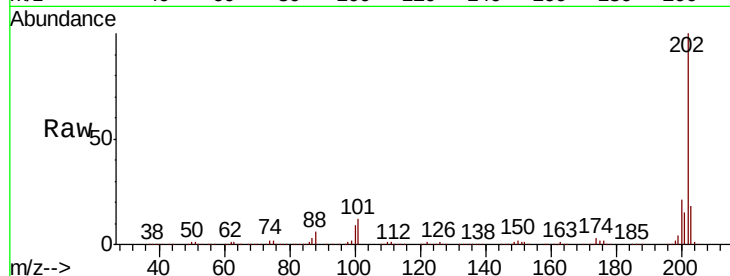


#75
 Fluoranthene
 Concen: 50.662 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1092209

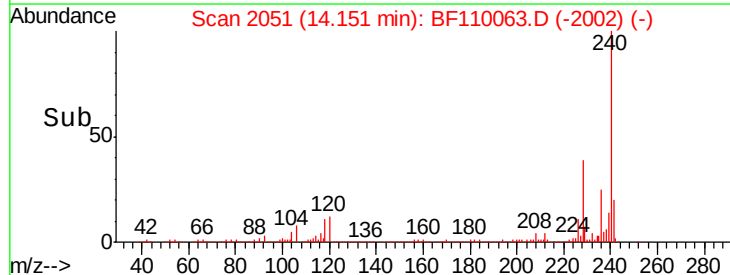
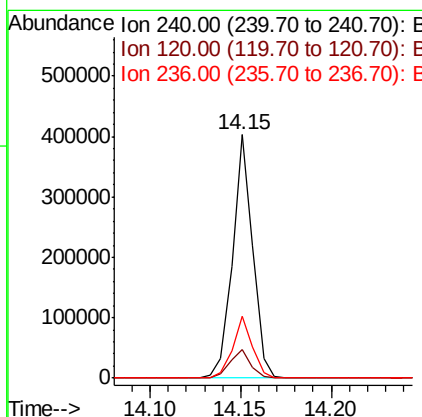
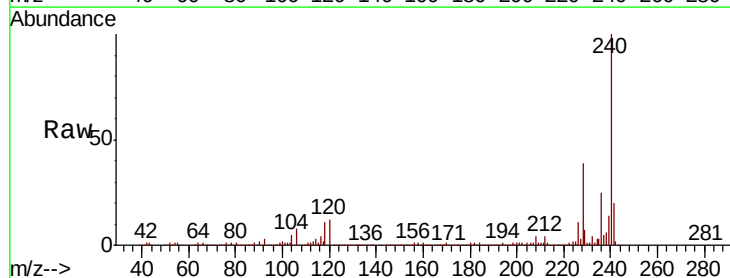
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	18.0	0.0	37.7

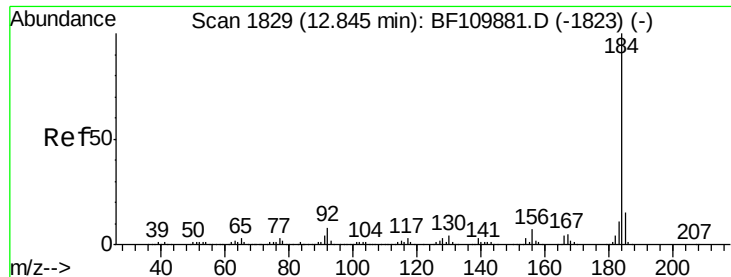


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion:240 Resp: 311764

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.2	21.2	31.8





#77

Benzidine

Concen: 76.824 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

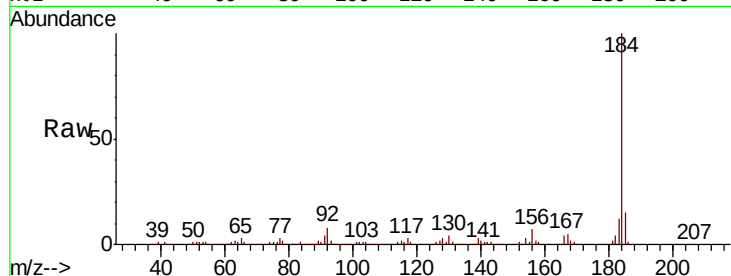
Tot Ion:184 Resp: 918310

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.2
183	11.6	9.4	14.2

184 100

185 14.8 13.4 20.2

183 11.6 9.4 14.2

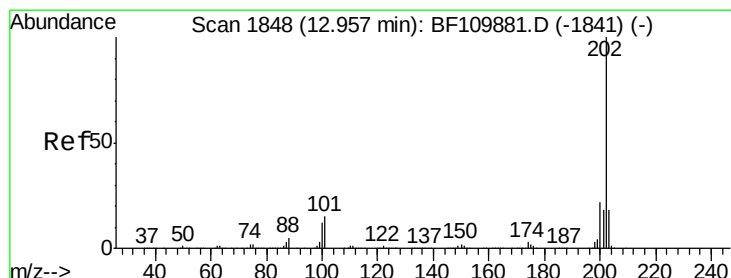
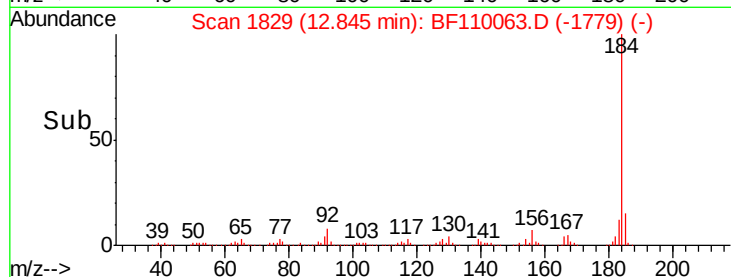
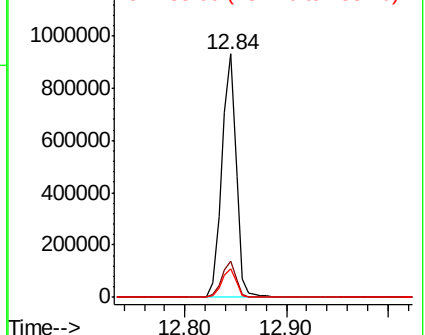


Abundance

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: 47.677 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

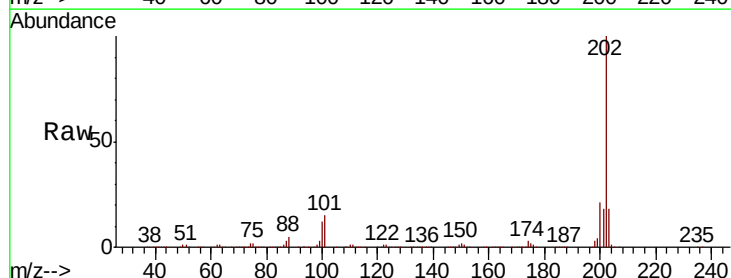
Tgt Ion:202 Resp: 1091714

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.5	14.2	21.4

202 100

200 21.3 17.8 26.6

203 18.5 14.2 21.4

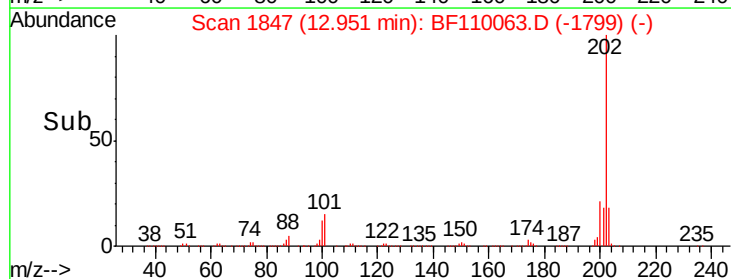
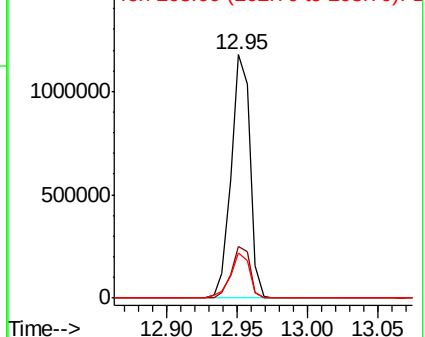


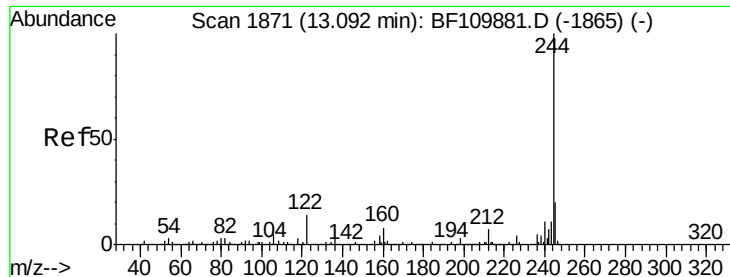
Abundance

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

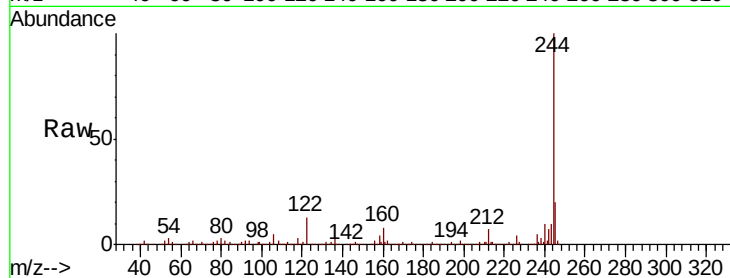




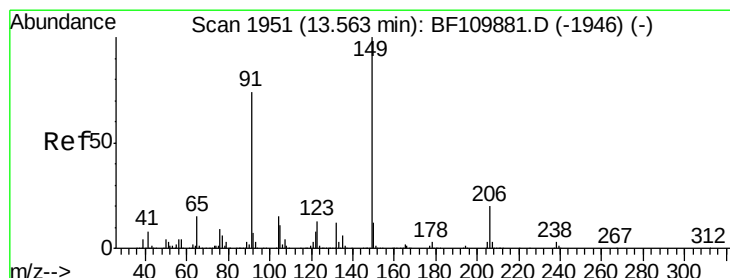
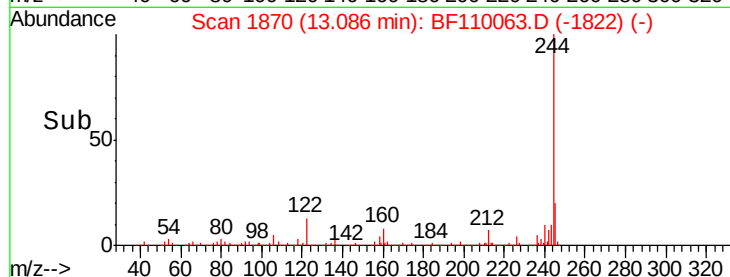
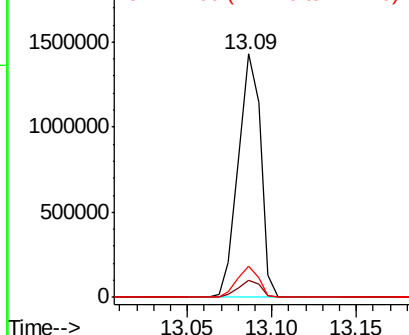
#79
 Terphenyl-d14
 Concen: 89.125 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1323184
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.0 8.7 13.1

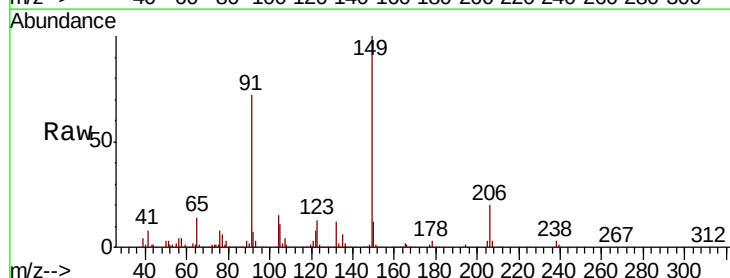


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

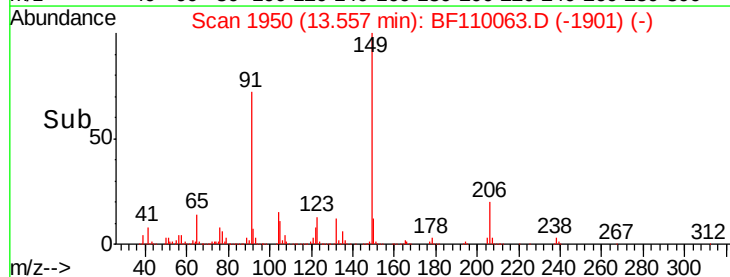
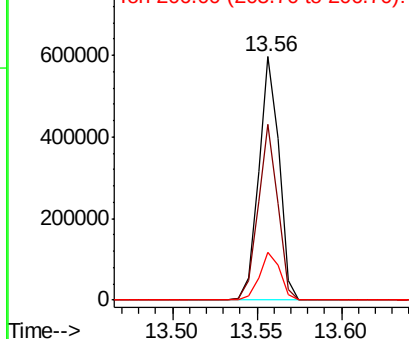


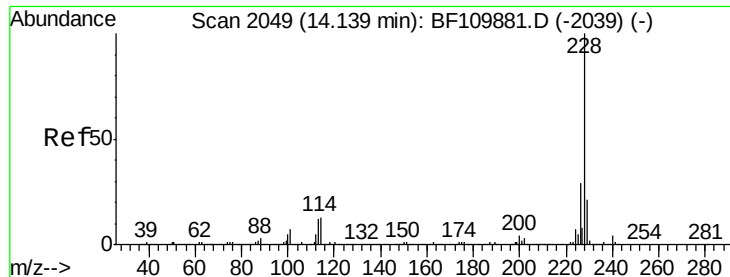
#80
 Butylbenzylphthalate
 Concen: 54.086 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion:149 Resp: 500702
 Ion Ratio Lower Upper
 149 100
 91 72.3 57.2 85.8
 206 19.9 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: 51.122 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Instrument :

BNA_F

ClientSampled :

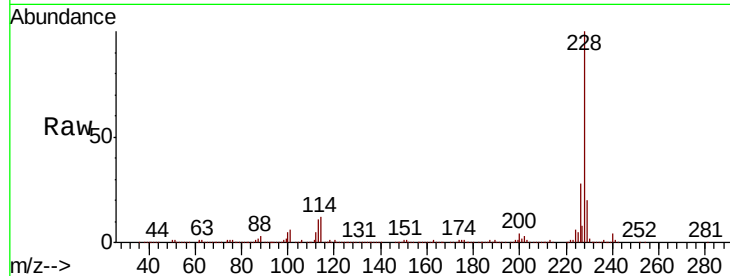
Tot Ion:228 Resp: 938787

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

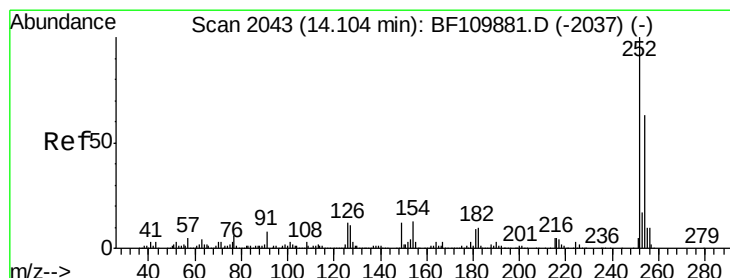
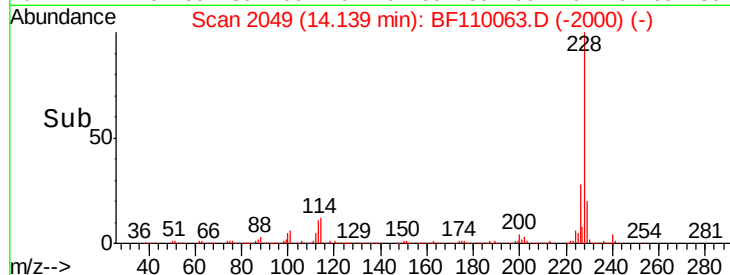
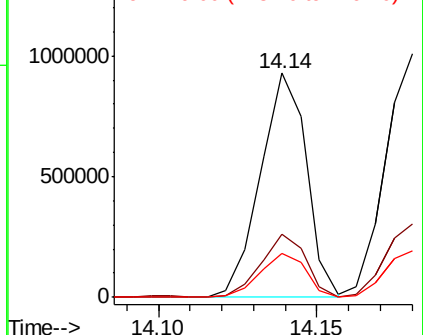
229 19.8 15.6 23.4



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: 52.833 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

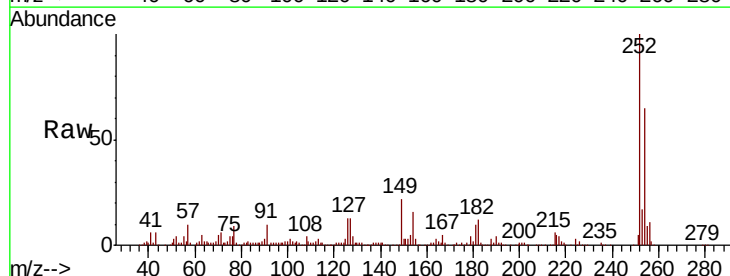
Tgt Ion:252 Resp: 340133

Ion Ratio Lower Upper

252 100

254 65.4 51.3 76.9

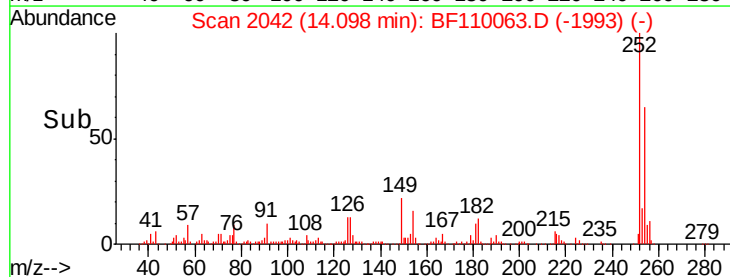
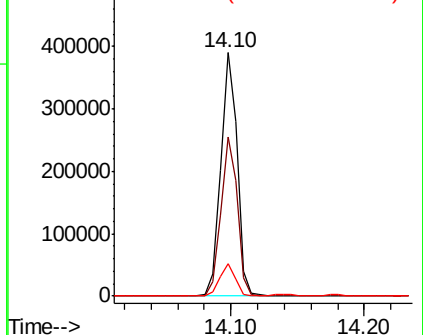
126 13.2 9.4 14.2

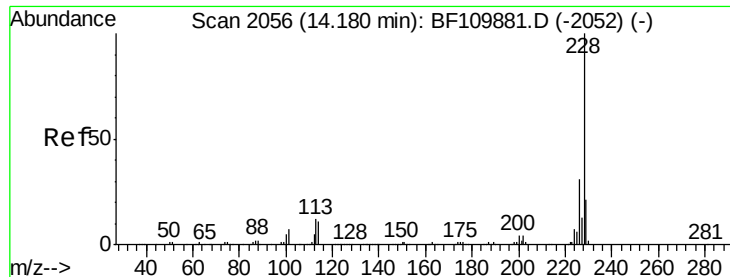


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

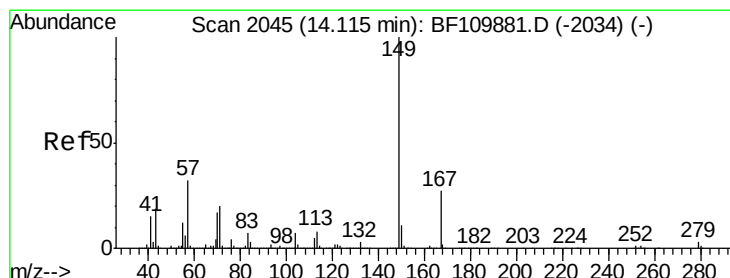
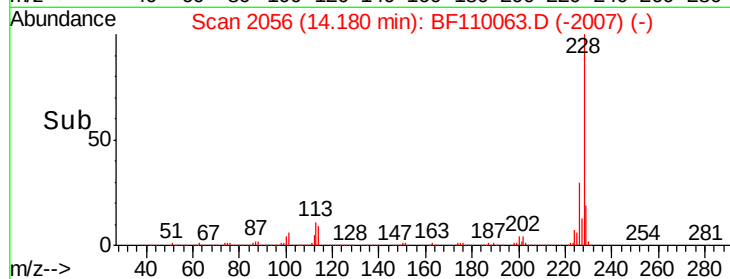
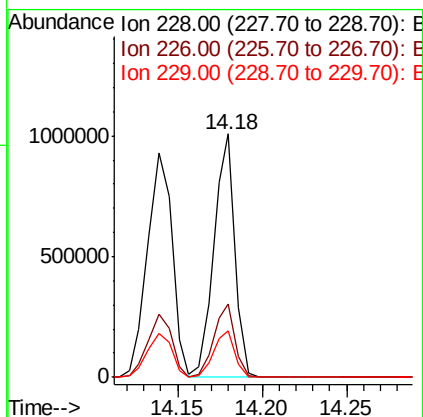
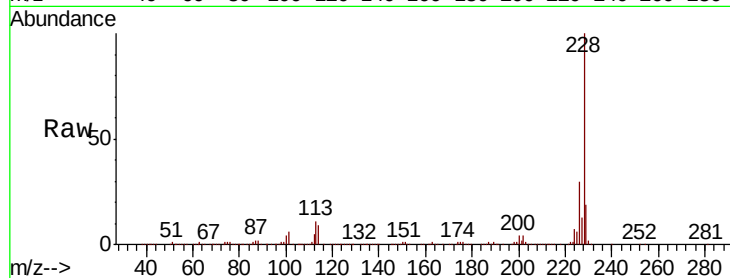




#83
 Chrysene
 Concen: 49.843 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

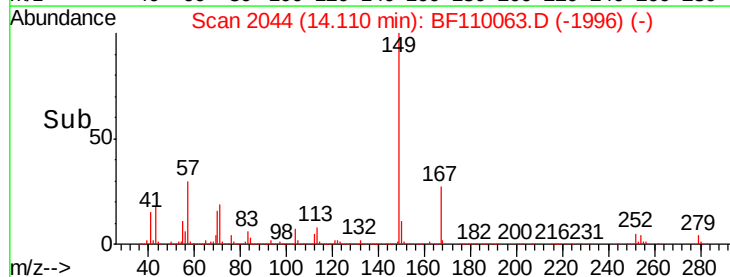
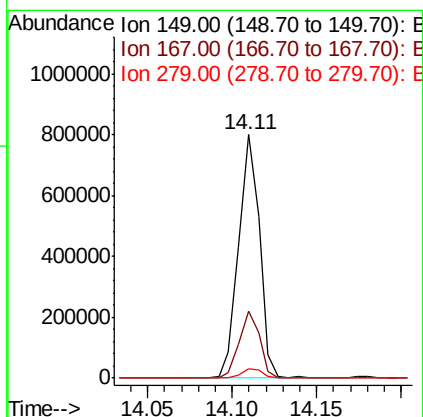
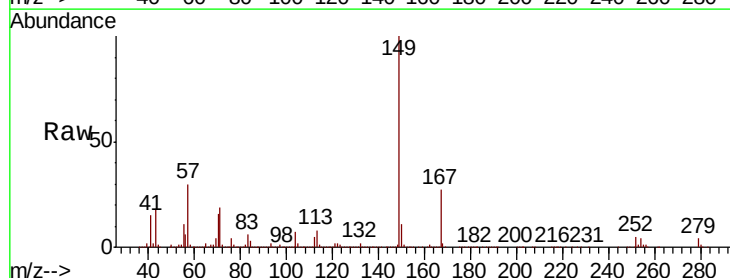
Instrument :
 BNA_F
 ClientSampled :

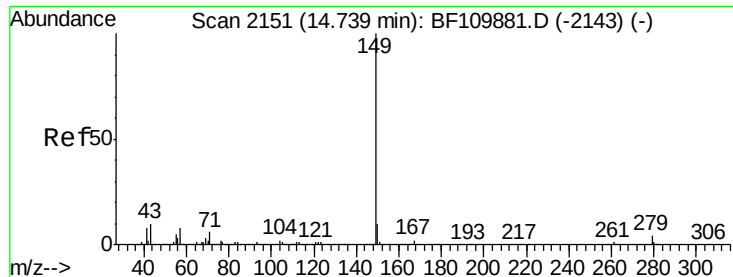
Tot Ion:228 Resp: 871232
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.7 37.1
 229 19.3 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.519 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110063.D
 Acq: 22 Oct 2018 21:41

Tgt Ion:149 Resp: 688468
 Ion Ratio Lower Upper
 149 100
 167 27.4 19.8 29.8
 279 3.8 2.7 4.1

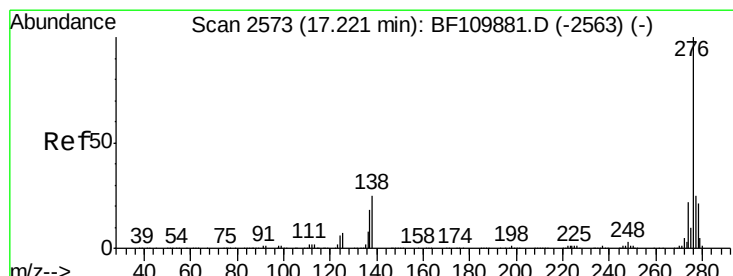
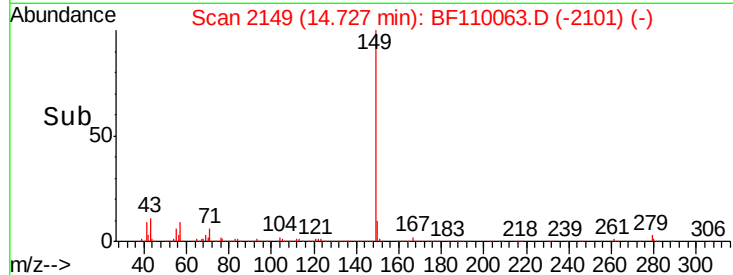
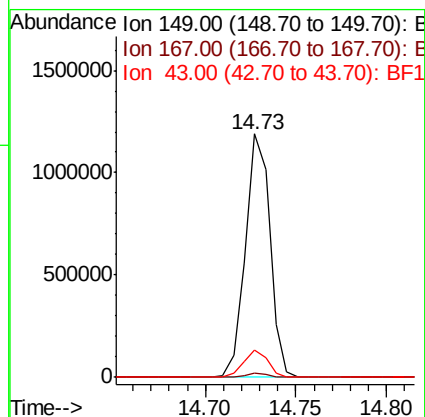
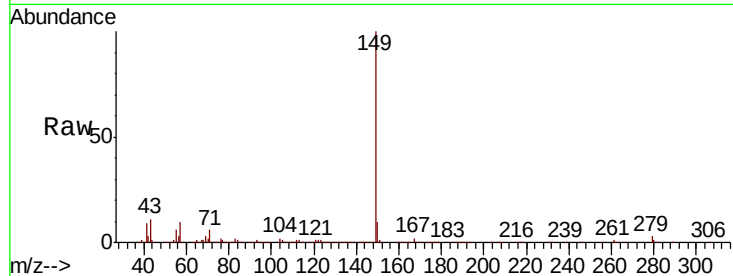




#85
Di-n-octyl phthalate
Concen: 64.995 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

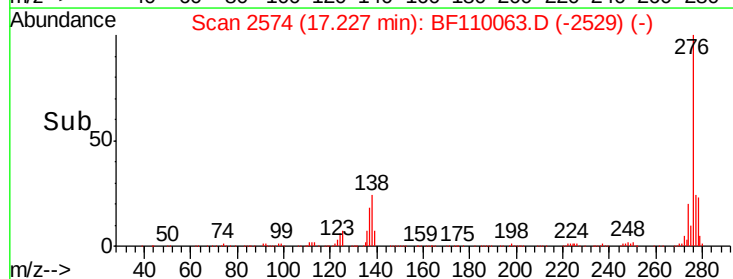
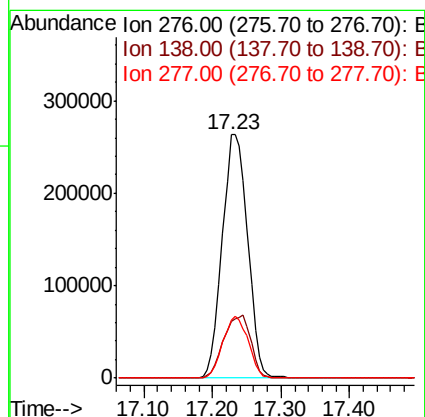
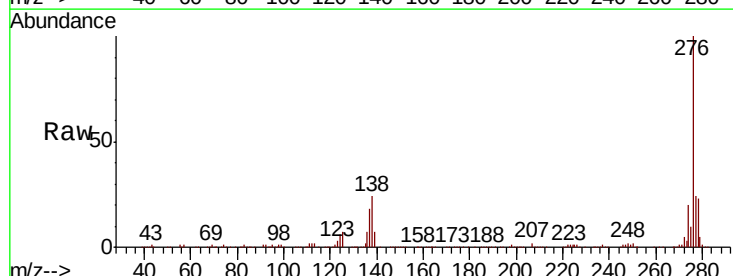
Instrument :
BNA_F
ClientSampleId :

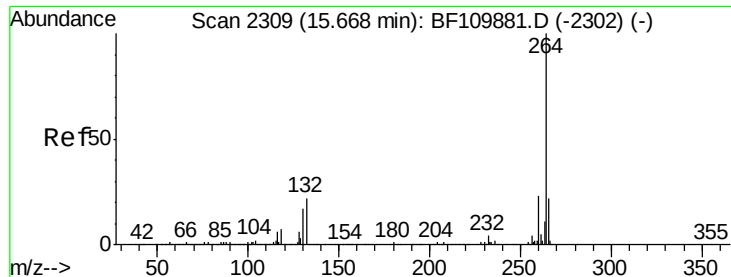
Tot Ion:149 Resp: 1116209
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.8 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.133 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:276 Resp: 677411
Ion Ratio Lower Upper
276 100
138 27.7 18.5 27.7
277 25.1 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

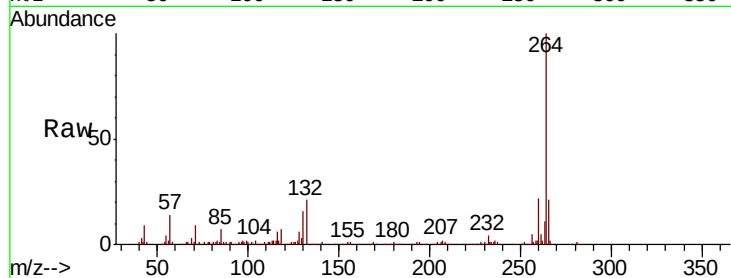
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 238155

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	21.0	16.7	25.1

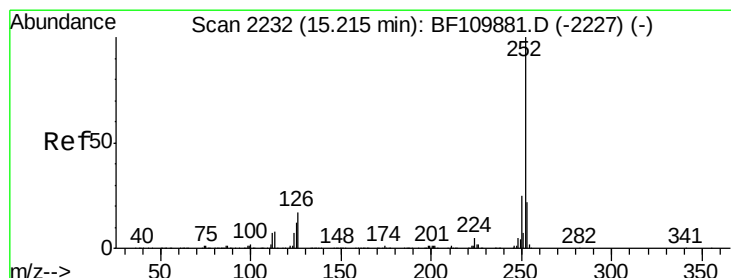
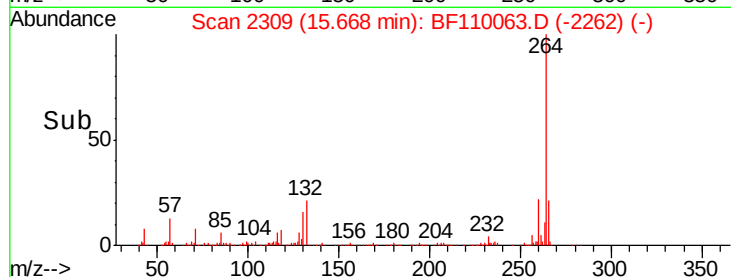
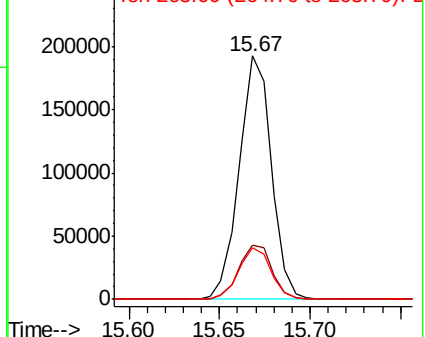


Abundance

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: 54.873 ng

RT: 15.22 min Scan# 2233

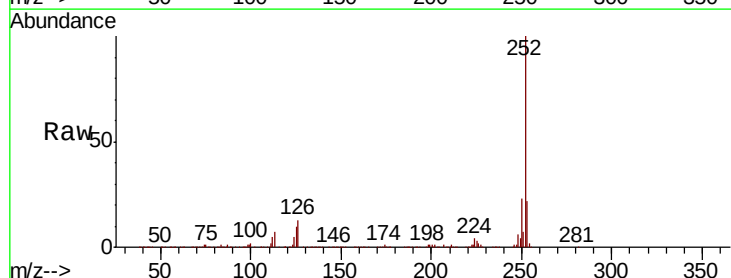
Delta R.T. -0.01 min

Lab File: BF110063.D

Acq: 22 Oct 2018 21:41

Tgt Ion:252 Resp: 753414

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.2	8.2	12.4

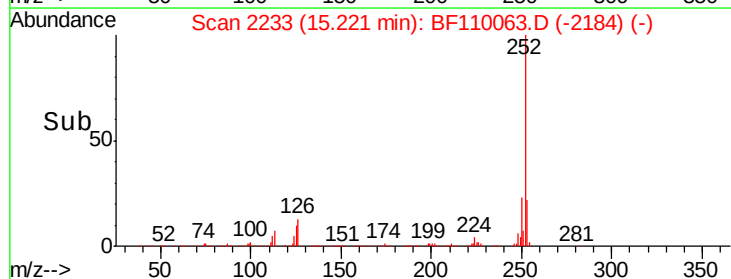
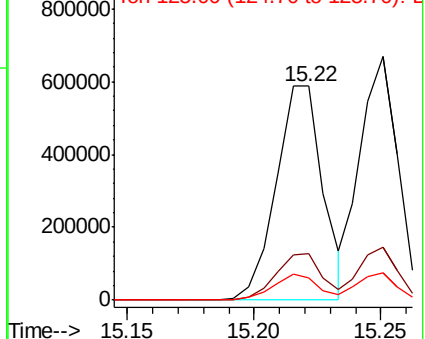


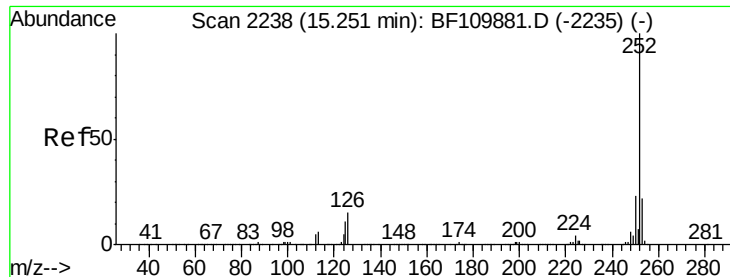
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

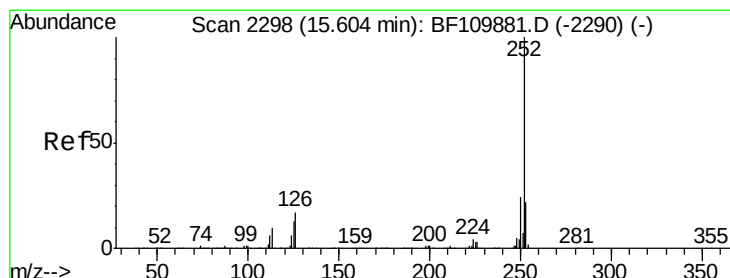
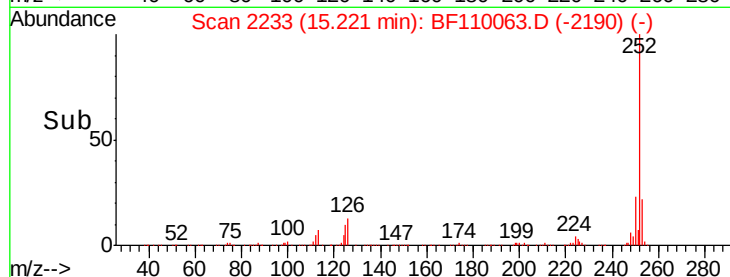
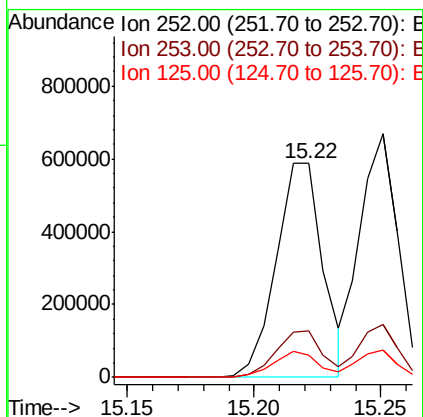
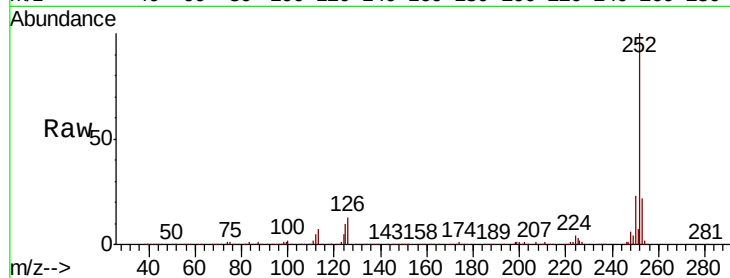




#89
Benzo(k)fluoranthene
Concen: 55.671 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

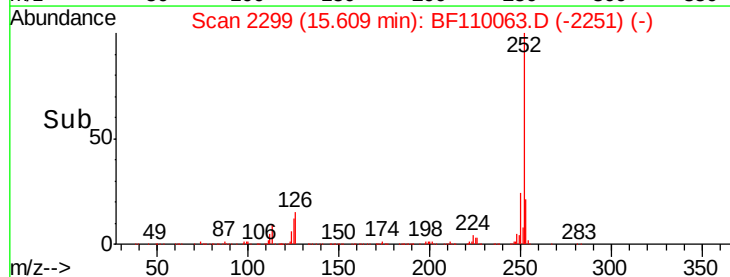
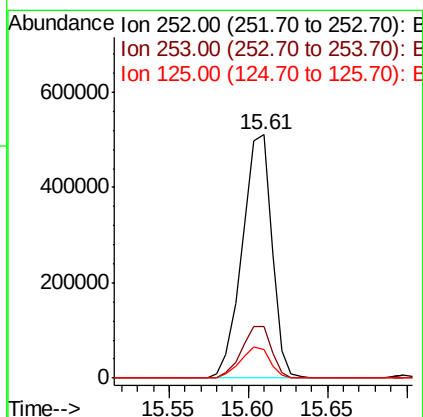
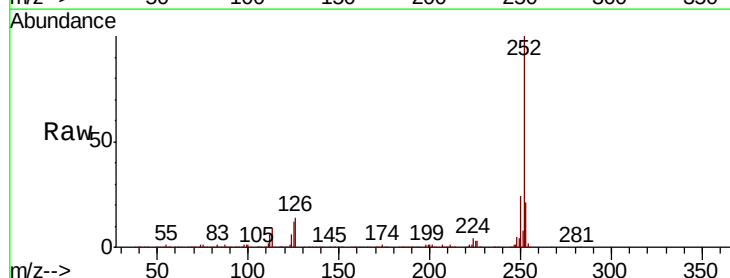
Instrument :
BNA_F
ClientSampleId :

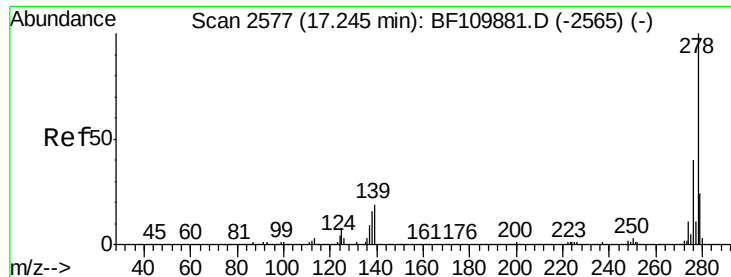
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 52.636 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	11.8	9.0	13.6



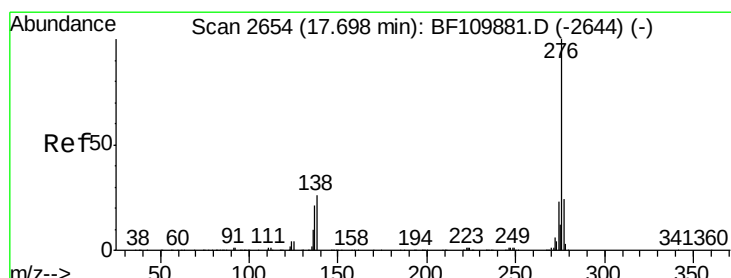
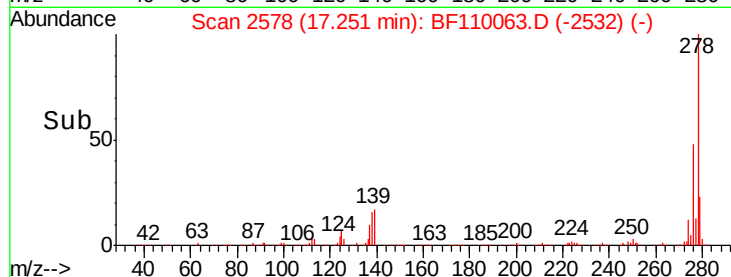
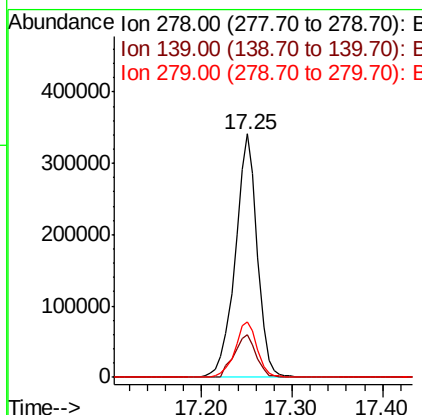
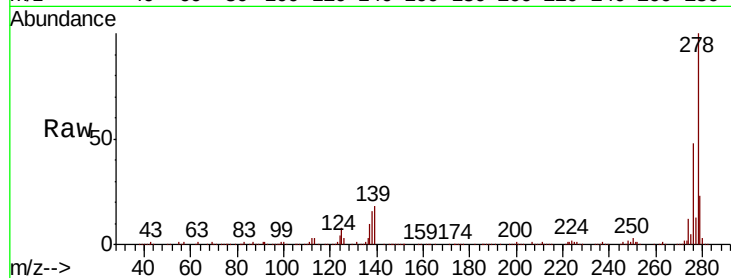


#91
Dibenzo(a,h)anthracene
Concen: 51.524 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 576613

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	22.9	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 48.712 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110063.D
Acq: 22 Oct 2018 21:41

Tgt Ion:276 Resp: 550795

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.6	16.0	24.0

