

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109871.D
 Acq On : 13 Oct 2018 8:42
 Operator : JU/SJ
 Sample : PB113699BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 01:21:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104181	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	392213	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	169754	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264334	20.00	ng	0.00
75) Chrysene-d12	13.83	240	190437	20.00	ng	0.00
86) Perylene-d12	15.23	264	156869	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	579350	98.71	ng	0.00
7) Phenol-d6	6.35	99	743684	94.85	ng	0.00
23) Nitrobenzene-d5	7.26	82	729154	102.48	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	161484	87.31	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1241917	100.76	ng	0.00
78) Terphenyl-d14	12.78	244	880154	89.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	99713	32.371	ng	99
3) Pyridine	3.18	79	247777	38.989	ng	99
4) n-Nitrosodimethylamine	3.14	42	122444	53.380	ng	97
6) Aniline	6.36	93	241843	26.478	ng	# 24
8) 2-Chlorophenol	6.49	128	338038	46.830	ng	97
9) Benzaldehyde	6.24	77	140400	27.827	ng	98
10) Phenol	6.36	94	384327	42.747	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	284445	38.161	ng	99
12) 1,3-Dichlorobenzene	6.63	146	356227	43.148	ng	99
13) 1,4-Dichlorobenzene	6.71	146	387391	43.046	ng	98
14) 1,2-Dichlorobenzene	6.87	146	336757	42.608	ng	98
15) Benzyl Alcohol	6.85	79	264363	45.480	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	424511	42.951	ng	93
17) 2-Methylphenol	6.97	107	256416	44.920	ng	98
18) Hexachloroethane	7.20	117	131701	41.402	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	238997	43.466	ng	99
20) 3+4-Methylphenols	7.12	107	311831	44.333	ng	93
22) Acetophenone	7.11	105	482247	50.846	ng	# 99
24) Nitrobenzene	7.28	77	343621	46.412	ng	97
25) Isophorone	7.52	82	645811	54.659	ng	98
26) 2-Nitrophenol	7.60	139	162689	46.978	ng	98
27) 2,4-Dimethylphenol	7.65	122	277380	55.466	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	400973	50.173	ng	99
29) 2,4-Dichlorophenol	7.85	162	268091	47.794	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	289610	46.639	ng	98
31) Naphthalene	8.00	128	948293	52.280	ng	99
32) Benzoic acid	7.81	122	136561	38.194	ng	96
33) 4-Chloroaniline	8.06	127	86277	10.801	ng	95
34) Hexachlorobutadiene	8.12	225	179765	46.560	ng	99
35) Caprolactam	8.44	113	72698	43.397	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	287009	48.472	ng	98
37) 2-Methylnaphthalene	8.69	142	599252	50.435	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	280833	48.600	ng	100
40) Hexachlorocyclopentadiene	8.84	237	77761	35.169	ng	99

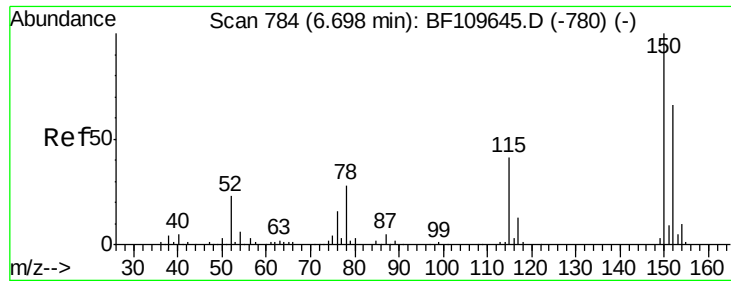
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
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 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	169230	48.990	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	192515	48.471	nq	98
45) 1,1'-Biphenyl	9.15	154	724781	47.793	nq	99
46) 2-Chloronaphthalene	9.17	162	546773	48.125	nq	99
47) 2-Nitroaniline	9.28	65	171627	49.889	nq	97
48) Acenaphthylene	9.59	152	827355	49.951	nq	99
49) Dimethylphthalate	9.46	163	658745	52.912	nq	99
50) 2,6-Dinitrotoluene	9.52	165	137136	50.815	nq	95
51) Acenaphthene	9.76	154	464239	47.280	nq	99
52) 3-Nitroaniline	9.69	138	78113	25.821	nq	98
53) 2,4-Dinitrophenol	9.80	184	36757	42.215	nq #	87
54) Dibenzofuran	9.93	168	686240	46.625	nq	99
55) 4-Nitrophenol	9.87	139	126755	76.549	nq	93
56) 2,4-Dinitrotoluene	9.93	165	156533	46.478	nq #	89
57) Fluorene	10.27	166	531577	48.363	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	158570	49.114	nq	93
59) Diethylphthalate	10.15	149	624769	50.648	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	265814	45.841	nq	98
61) 4-Nitroaniline	10.30	138	106399	37.978	nq	96
62) Azobenzene	10.42	77	597221	47.677	nq	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	34944	27.160	nq	95
65) n-Nitrosodiphenylamine	10.39	169	502277	56.052	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	157616	51.895	nq	95
67) Hexachlorobenzene	10.82	284	156345	47.537	nq #	93
68) Atrazine	10.92	200	155302	55.533	nq	98
69) Pentachlorophenol	11.02	266	144882	78.287	nq	97
70) Phenanthrene	11.23	178	680917	51.474	nq	100
71) Anthracene	11.28	178	742968	54.333	nq	99
72) Carbazole	11.44	167	631813	47.639	nq	99
73) Di-n-butylphthalate	11.76	149	838588	54.516	nq	99
74) Fluoranthene	12.41	202	656558	47.510	nq	98
76) Benzidine	12.54	184	349574	49.415	nq	96
77) Pyrene	12.63	202	640182	45.882	nq	99
79) Butylbenzylphthalate	13.25	149	299721	49.547	nq	96
80) Benzo(a)anthracene	13.82	228	543265	51.695	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	198128	46.822	nq	98
82) Chrysene	13.86	228	579151	52.466	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	389140	52.727	nq	99
84) Di-n-octyl phthalate	14.42	149	691474	59.275	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	391058	49.495	nq	99
87) Benzo(b)fluoranthene	14.83	252	487231	56.205	nq	99
88) Benzo(k)fluoranthene	14.86	252	465517	53.446	nq	99
89) Benzo(a)pyrene	15.17	252	427997	54.406	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	327756	50.730	nq	98
91) Benzo(g,h,i)perylene	16.98	276	317617	49.230	nq	99

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

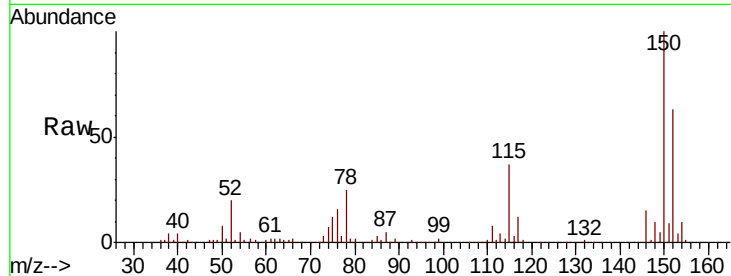


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	58.4	49.1	73.7

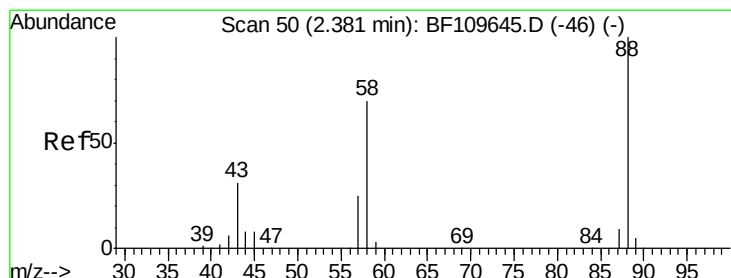
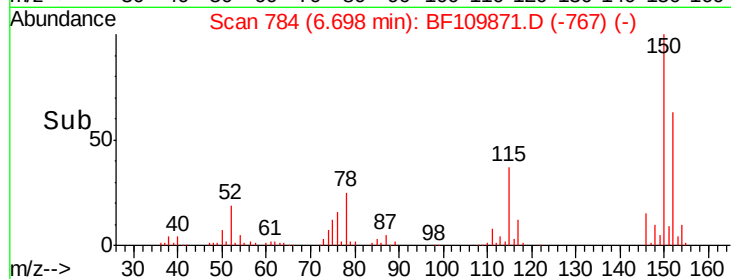
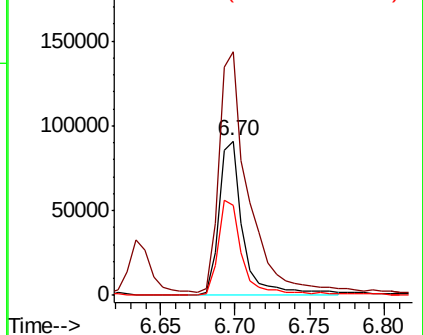


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

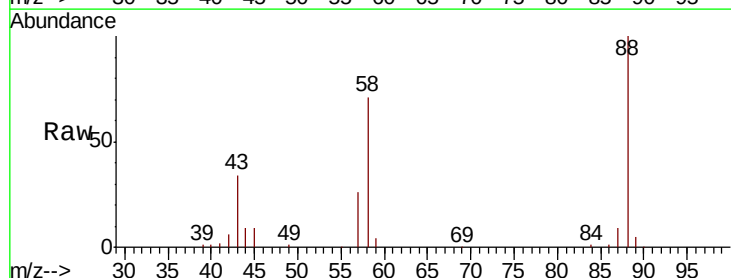
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.371 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.10 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	57.1	85.7
43	30.0	24.1	36.1

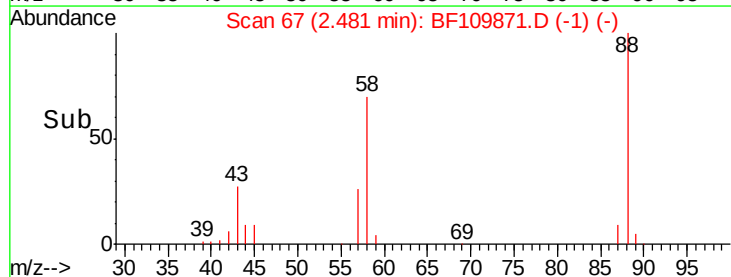
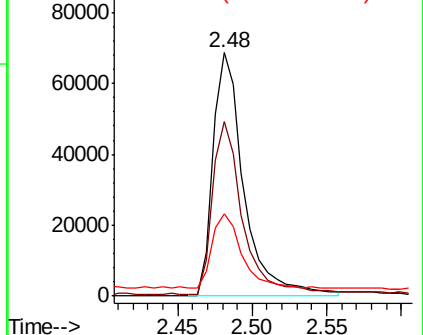


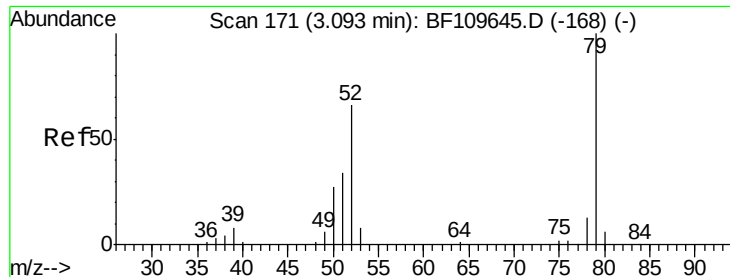
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.989 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

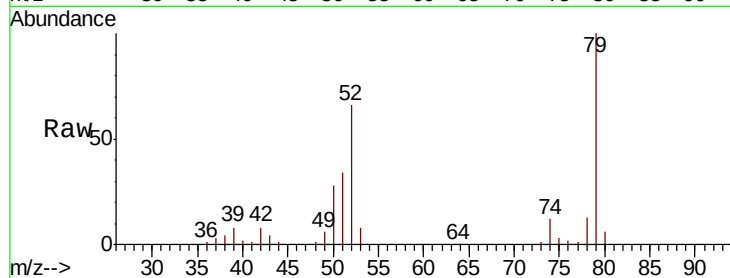
Tot Ion: 79 Resp: 247777

Ion Ratio Lower Upper

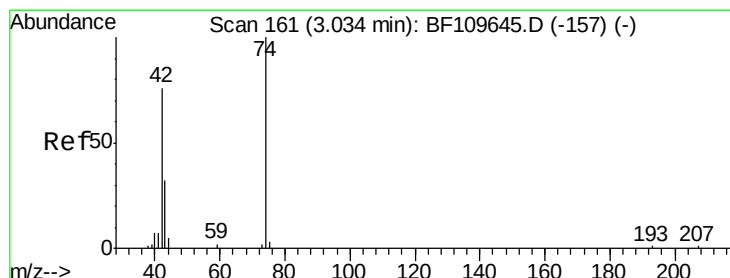
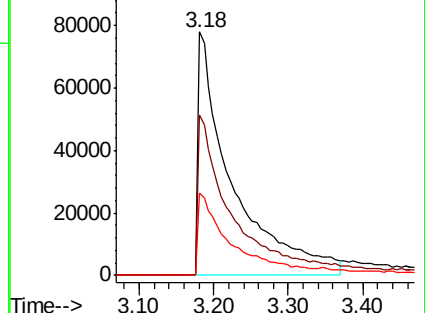
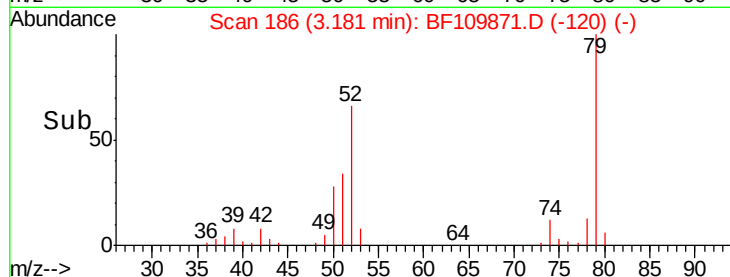
79 100

52 65.9 53.1 79.7

51 34.0 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: 53.380 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.11 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

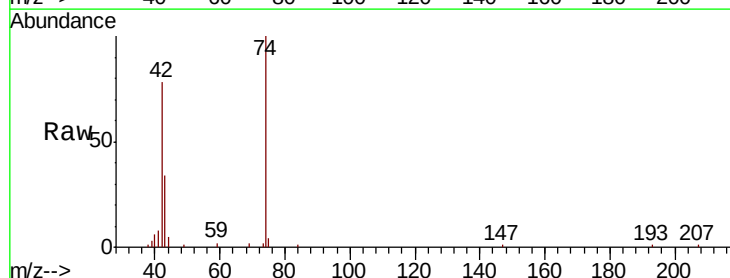
Tgt Ion: 42 Resp: 122444

Ion Ratio Lower Upper

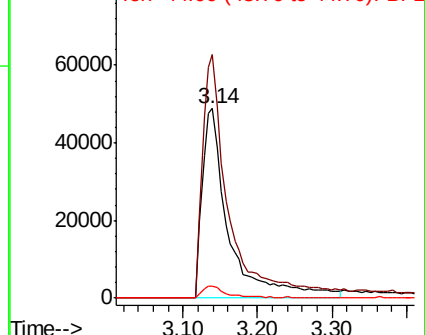
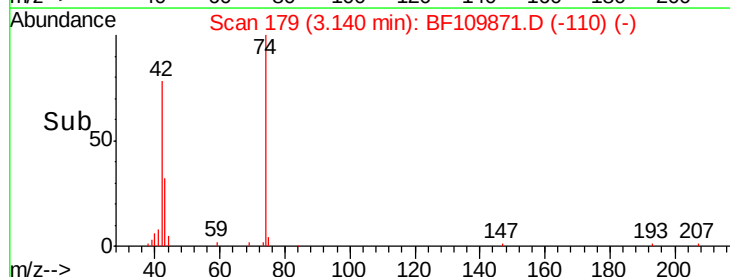
42 100

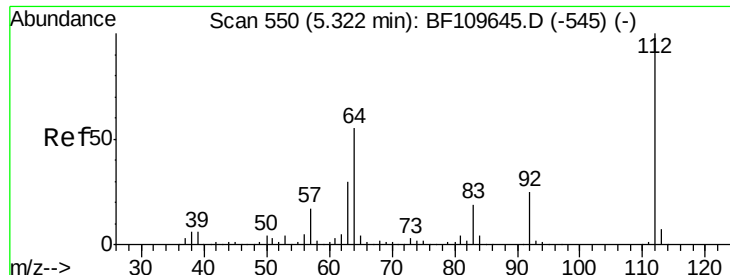
74 128.5 105.5 158.3

44 6.2 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: 98.709 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

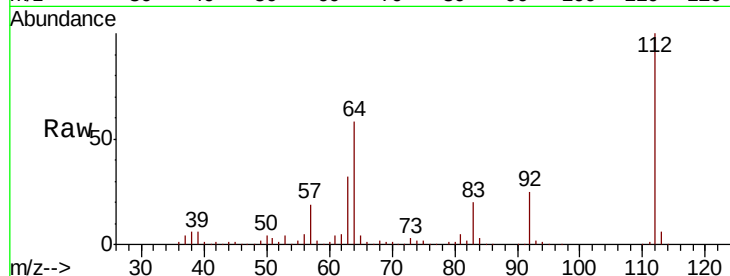
Tot Ion:112 Resp: 579350

Ion Ratio Lower Upper

112 100

64 58.4 44.1 66.1

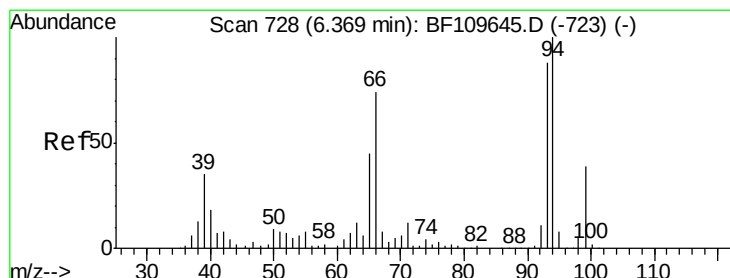
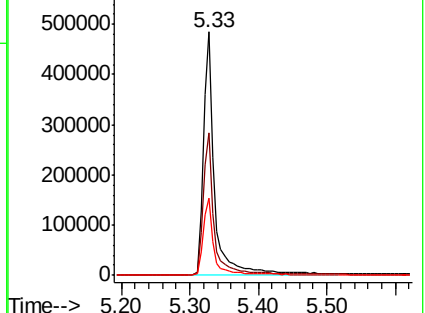
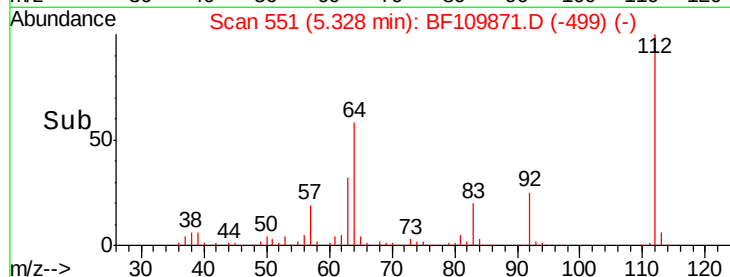
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.478 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

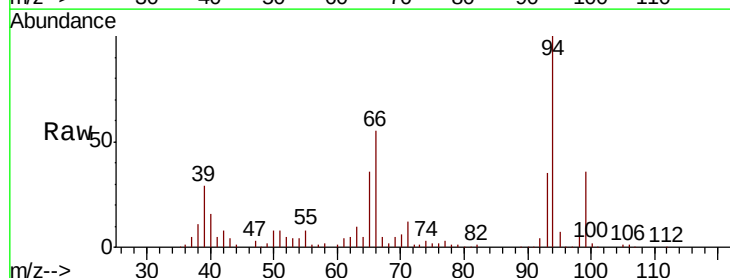
Tgt Ion: 93 Resp: 241843

Ion Ratio Lower Upper

93 100

66 154.9 67.4 101.0#

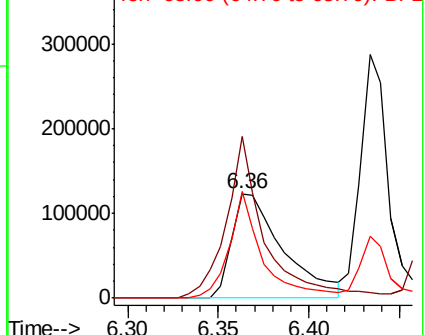
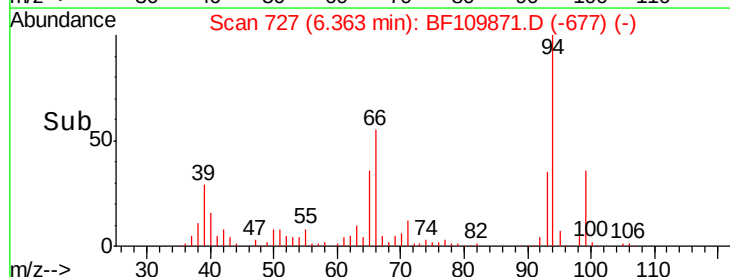
65 102.4 41.0 61.4#

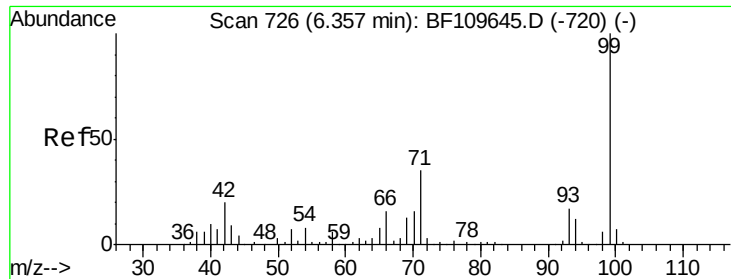


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.850 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

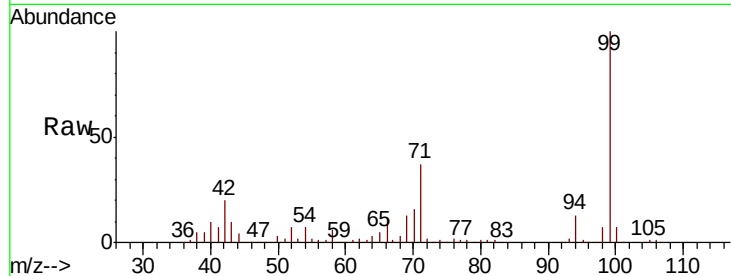
Tot Ion: 99 Resp: 743684

Ion Ratio Lower Upper

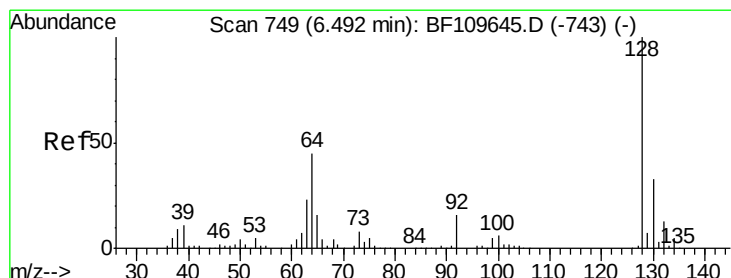
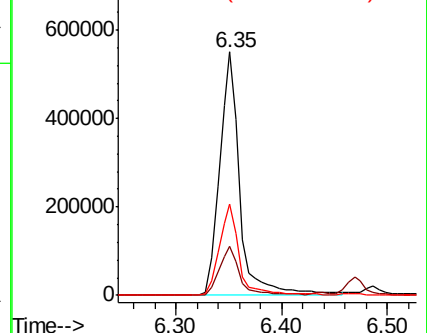
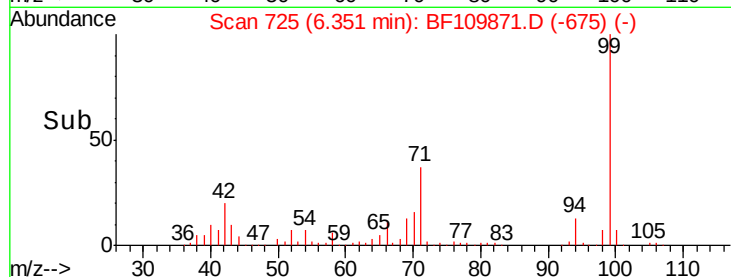
99 100

42 20.1 15.8 23.6

71 37.4 28.0 42.0



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



#8

2-Chlorophenol

Concen: 46.830 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

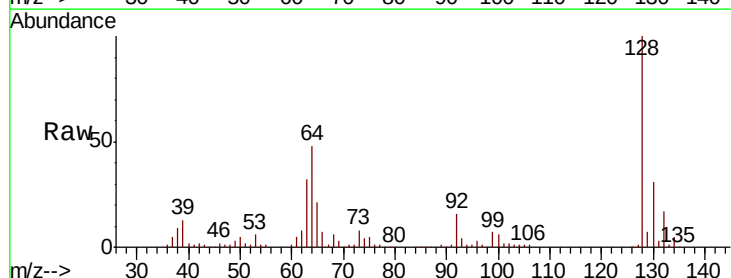
Tgt Ion: 128 Resp: 338038

Ion Ratio Lower Upper

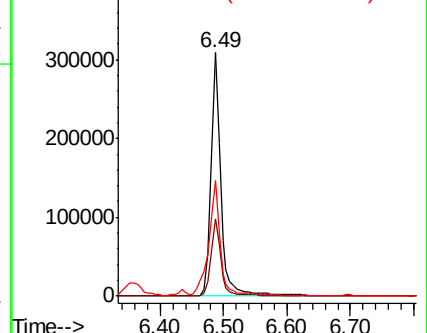
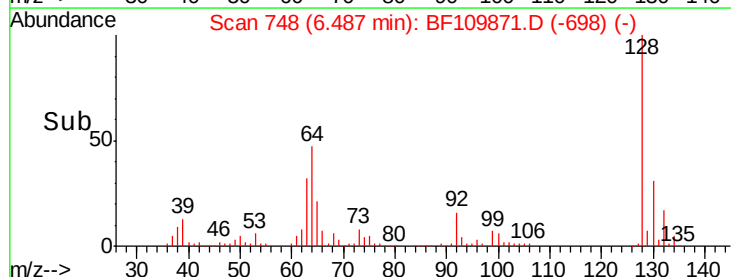
128 100

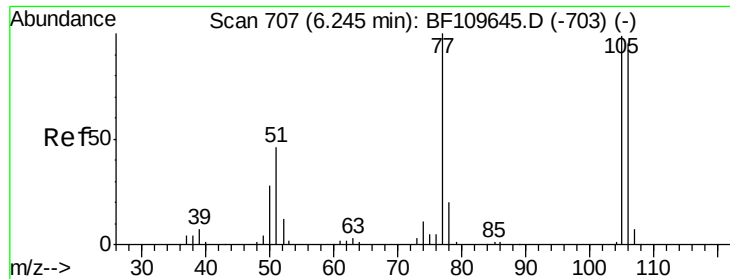
130 31.5 13.1 53.1

64 47.6 26.0 66.0



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





#9

Benzaldehyde

Concen: 27.827 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

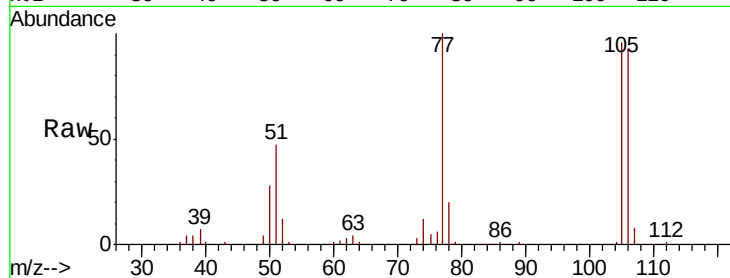
Tot Ion: 77 Resp: 140400

Ion Ratio Lower Upper

77 100

105 95.9 78.6 118.6

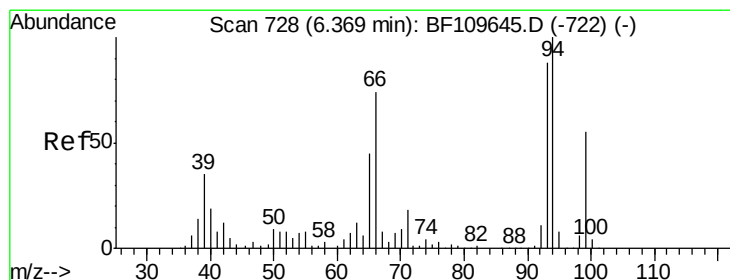
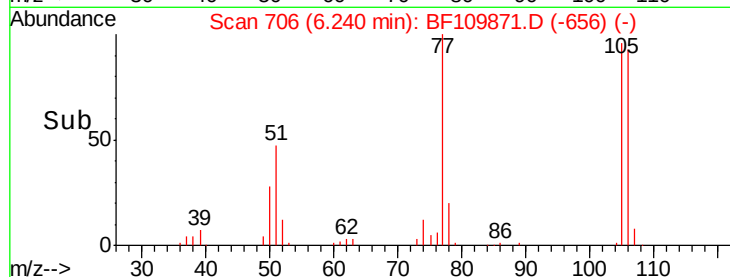
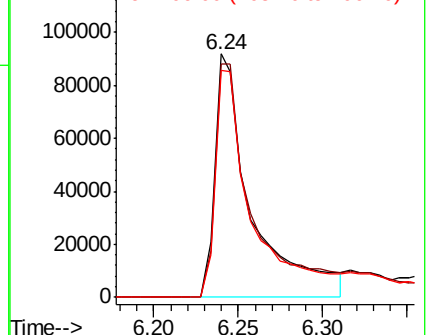
106 93.3 74.8 114.8



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: 42.747 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

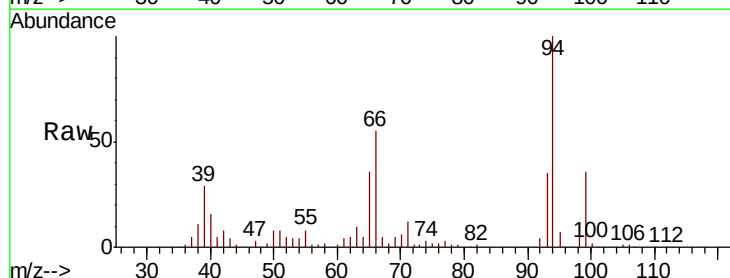
Tgt Ion: 94 Resp: 384327

Ion Ratio Lower Upper

94 100

65 36.2 25.3 65.3

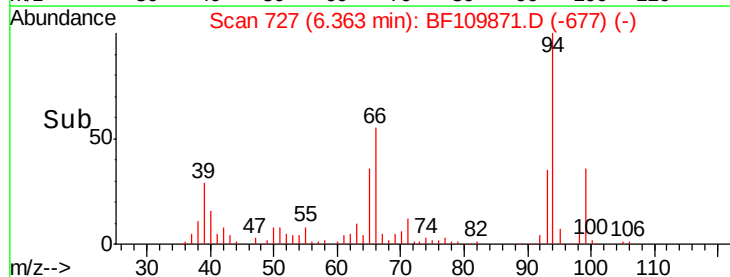
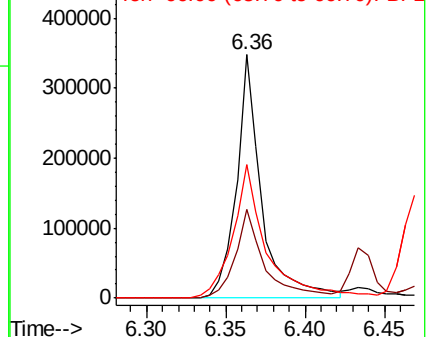
66 54.8 54.5 94.5

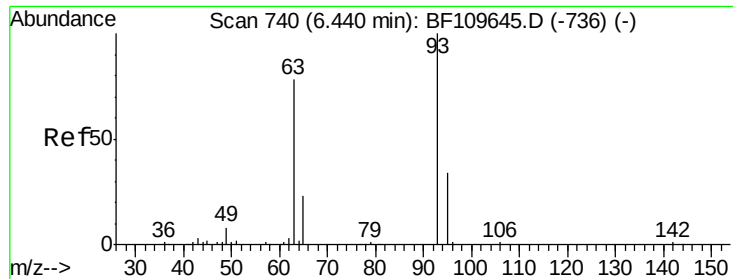


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

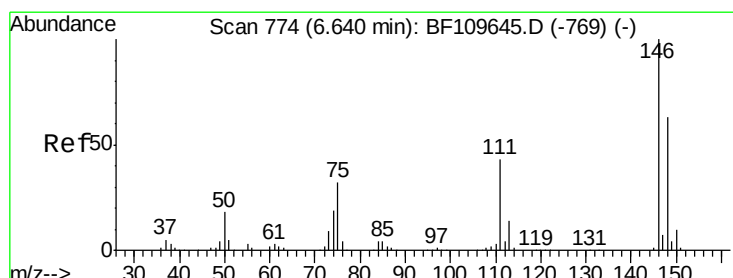
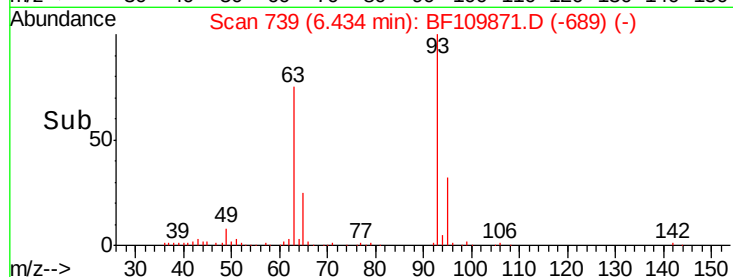
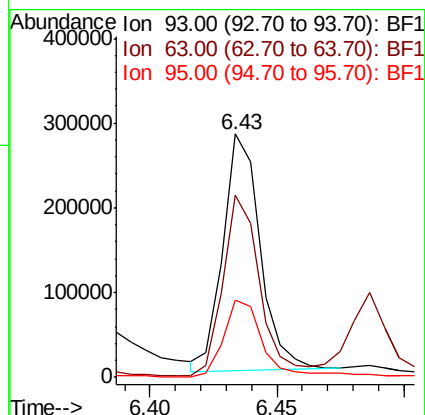
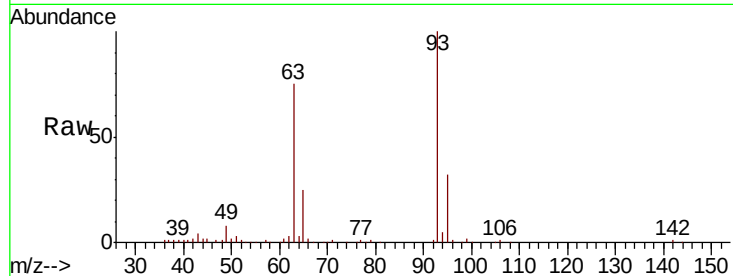




#11
bis(2-Chloroethyl)ether
Concen: 38.161 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

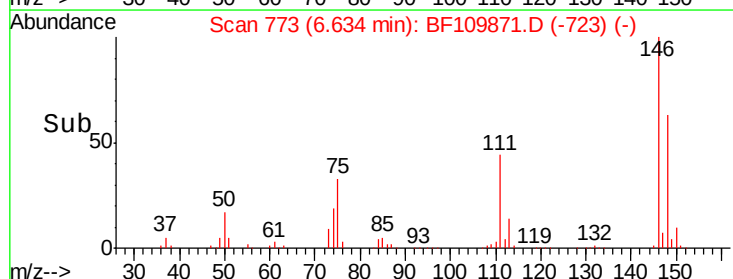
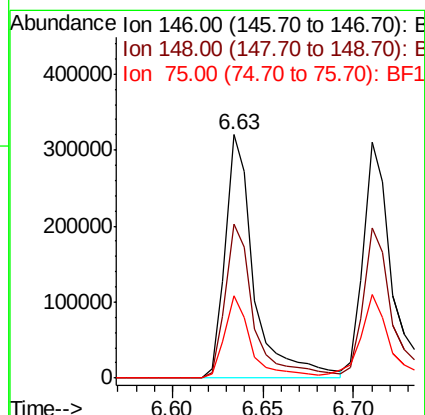
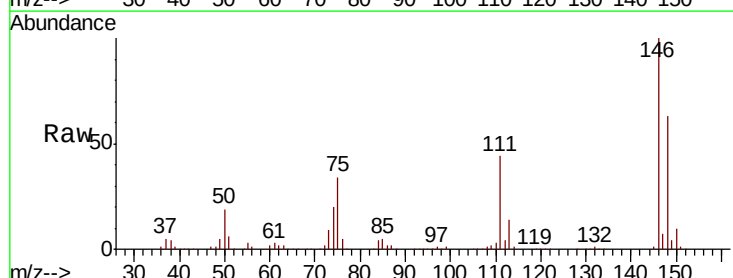
Instrument :
BNA_F
ClientSampleId :

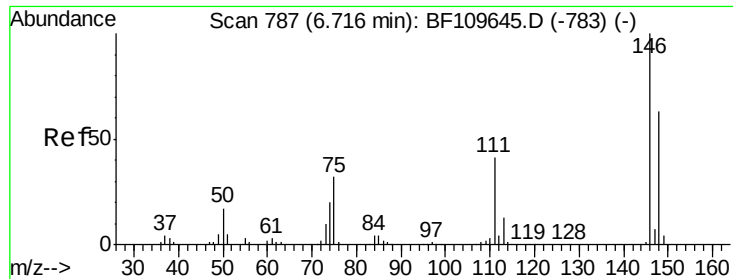
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	53.4	93.4
95	31.9	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 43.148 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
75	33.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 43.046 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

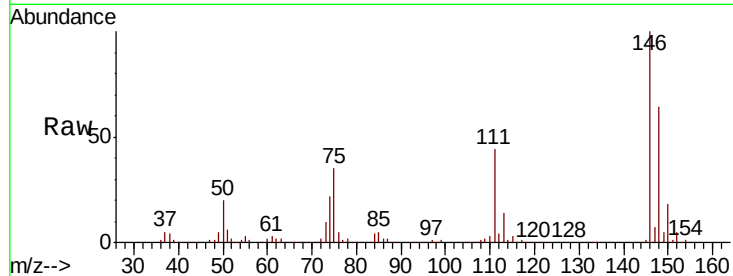
Tot Ion:146 Resp: 387391

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

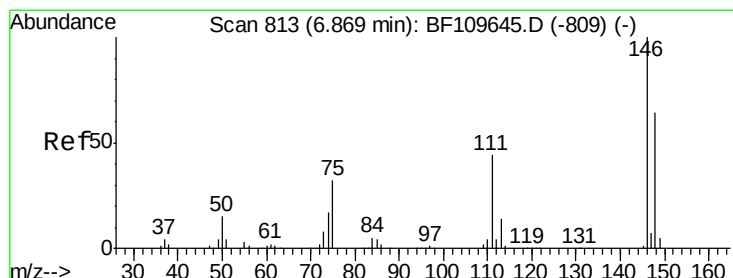
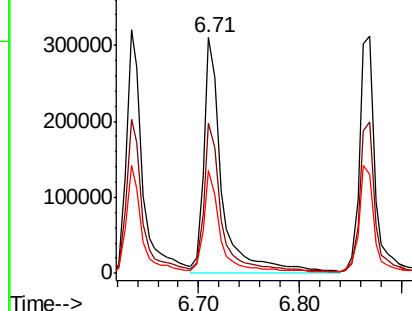
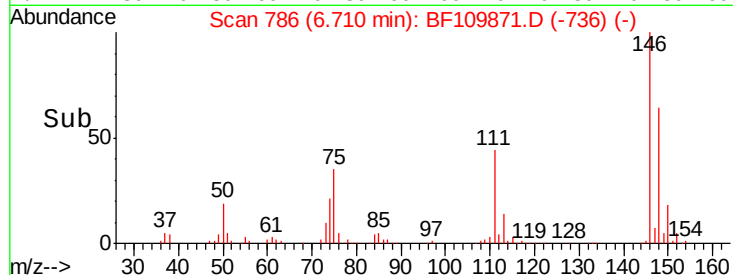
111 43.8 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.608 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

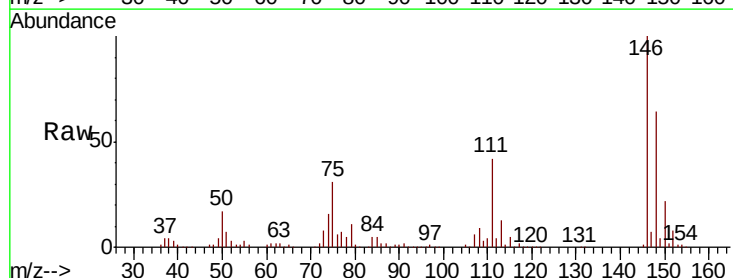
Tgt Ion:146 Resp: 336757

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

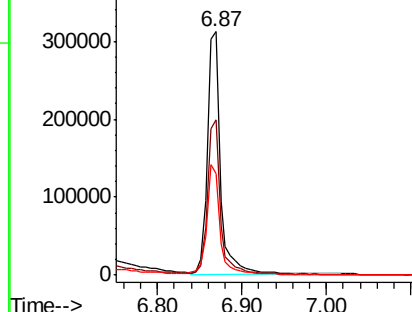
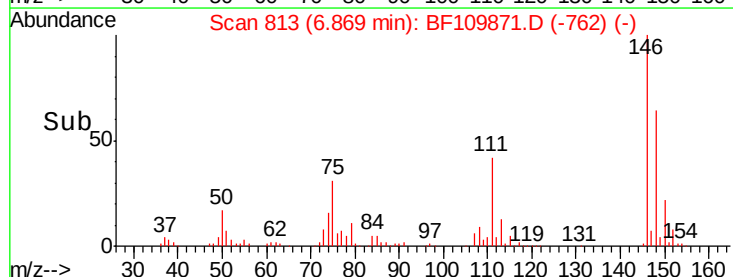
111 41.9 35.8 53.6

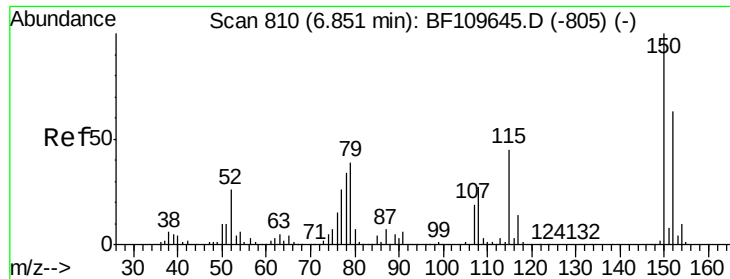


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.480 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

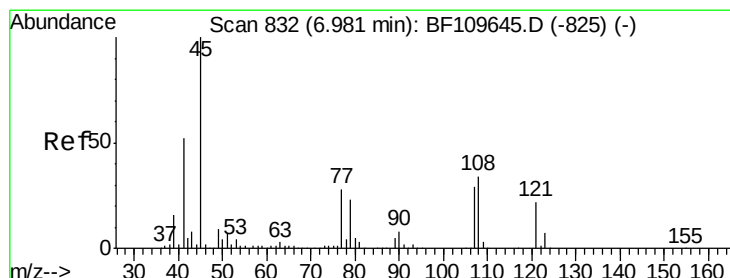
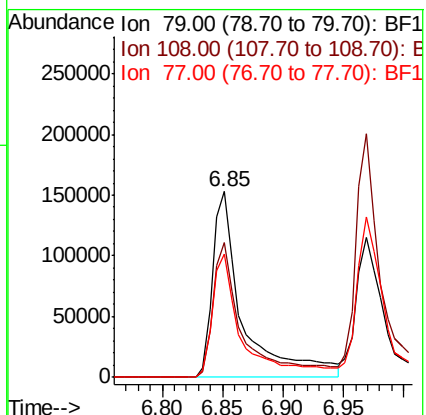
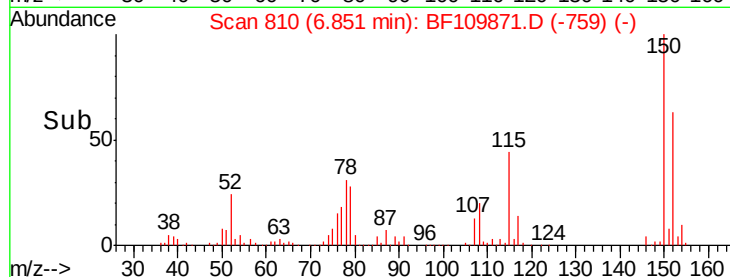
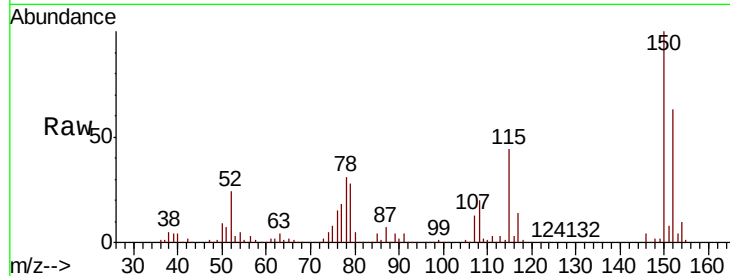
Tot Ion: 79 Resp: 264363

Ion Ratio Lower Upper

79 100

108 72.3 56.3 84.5

77 66.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.951 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

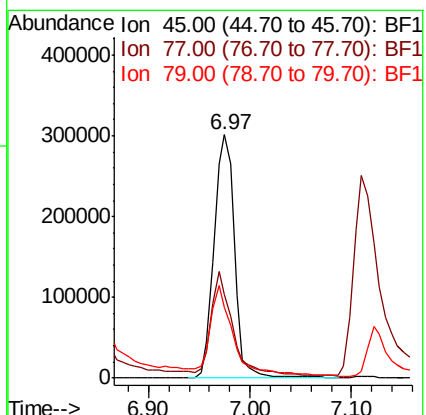
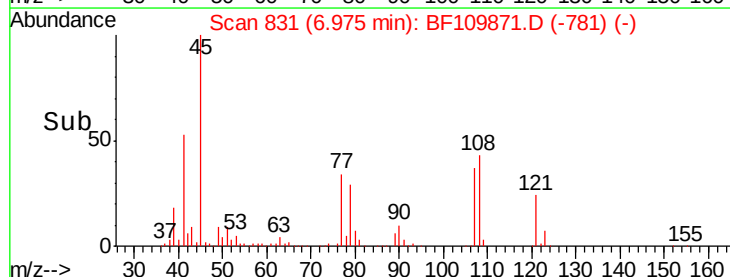
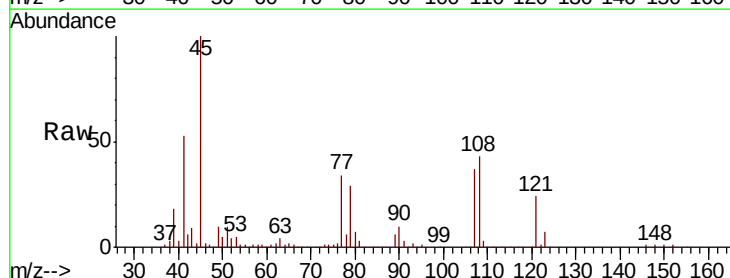
Tgt Ion: 45 Resp: 424511

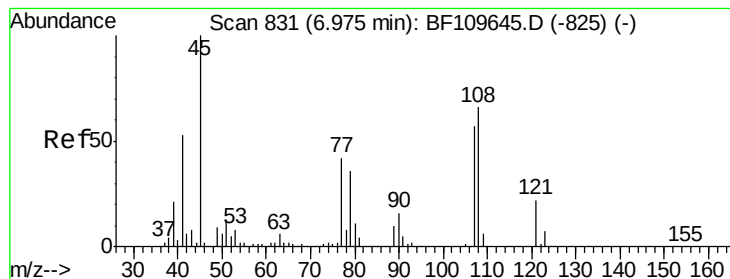
Ion Ratio Lower Upper

45 100

77 34.3 10.0 50.0

79 29.3 6.1 46.1





#17

2-Methylphenol

Concen: 44.920 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 256416

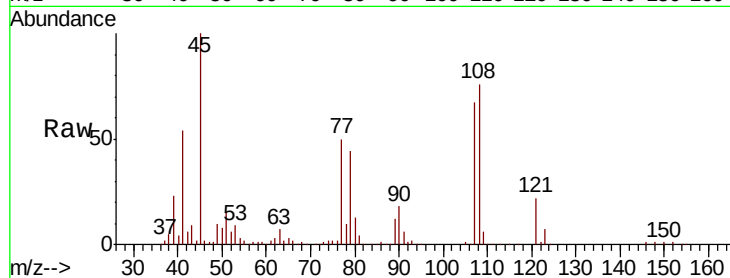
Ion Ratio Lower Upper

107 100

108 113.2 92.6 138.8

77 74.4 59.4 89.2

79 65.1 54.0 81.0



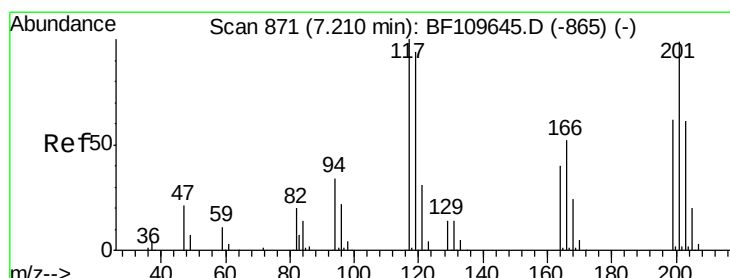
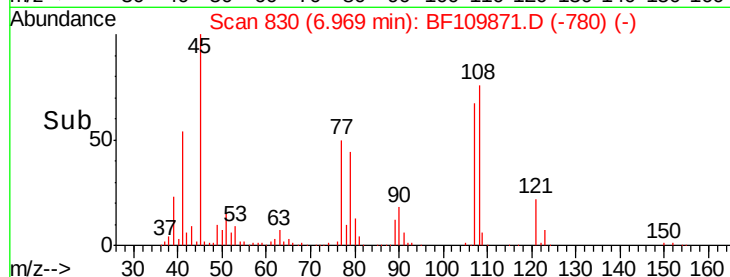
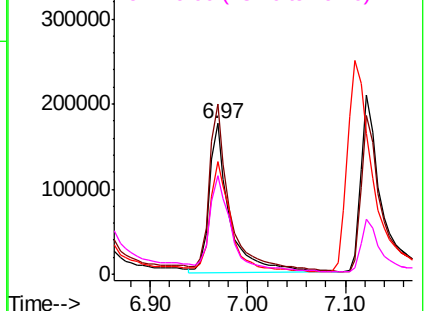
Abundance

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: 41.402 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

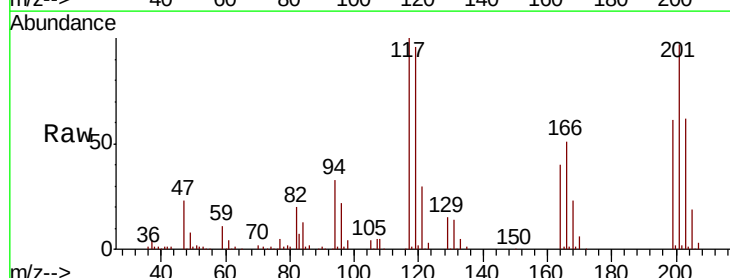
Tgt Ion:117 Resp: 131701

Ion Ratio Lower Upper

117 100

119 95.6 75.0 112.6

201 96.6 79.2 118.8

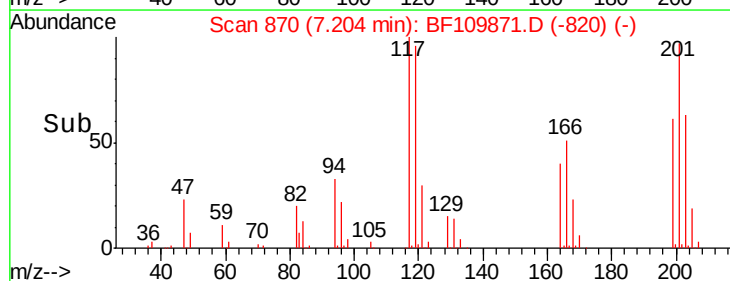
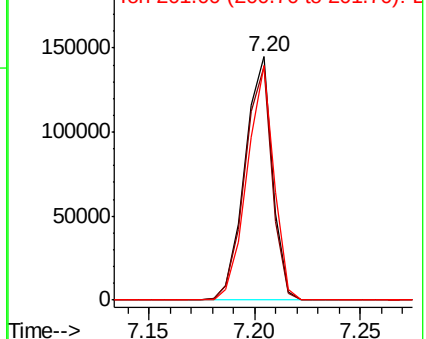


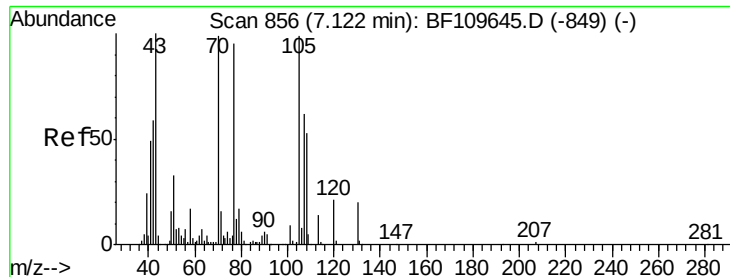
Abundance

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

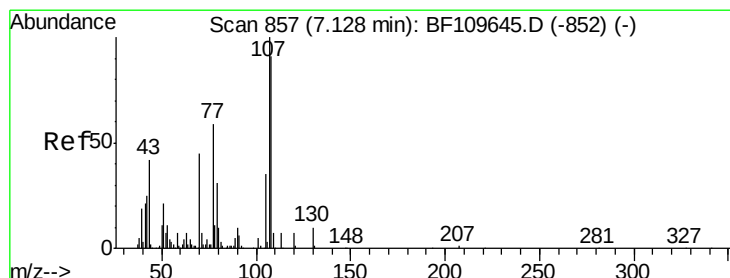
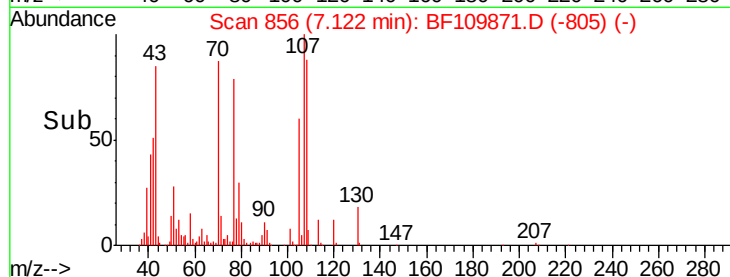
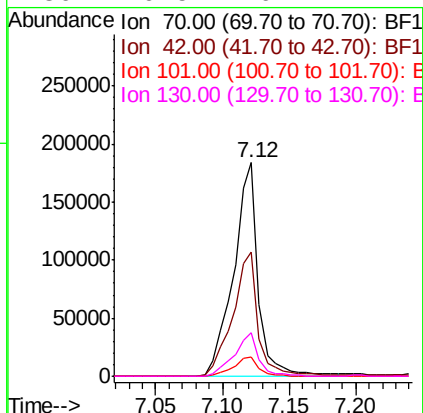
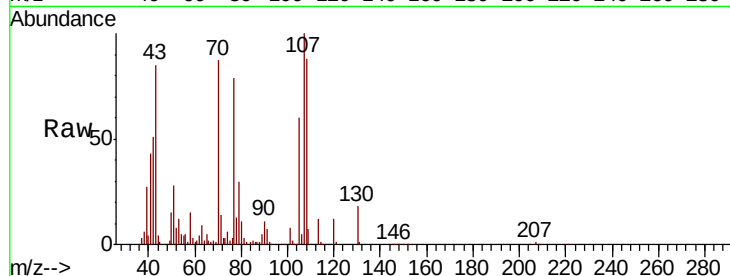




#19
n-Nitroso-di-n-propylamine
Concen: 43.466 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

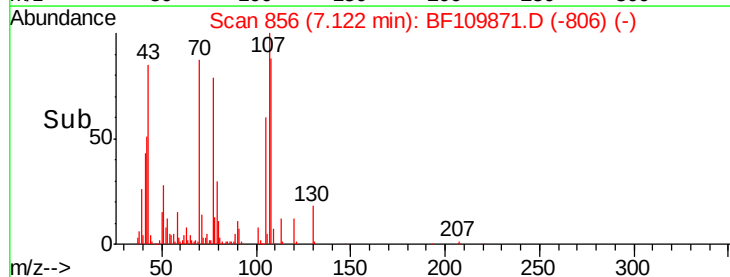
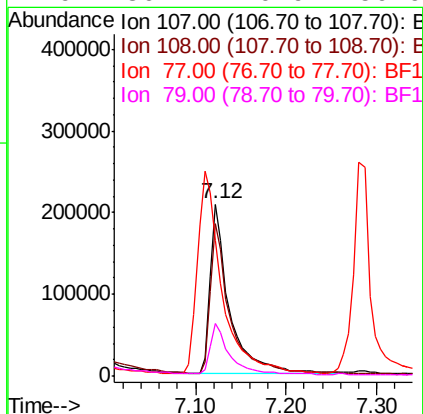
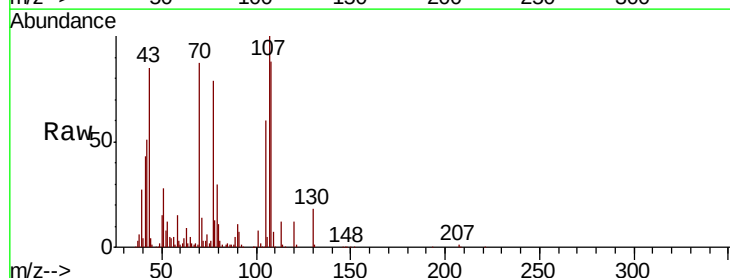
Instrument :
BNA_F
ClientSampleId :

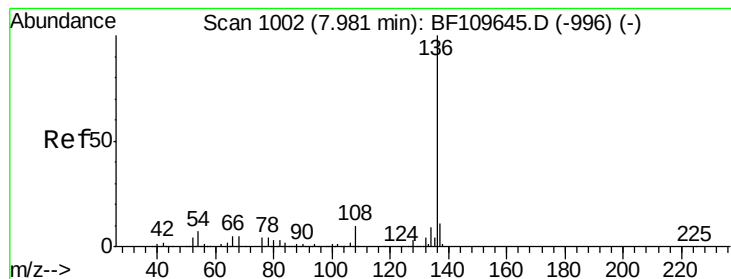
Tot Ion:	70	Resp:	238997
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.4	71.2
101	9.1	7.3	10.9
130	20.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 44.333 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion:	107	Resp:	311831
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.4	111.4
77	79.0	47.3	87.3
79	30.4	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 392213

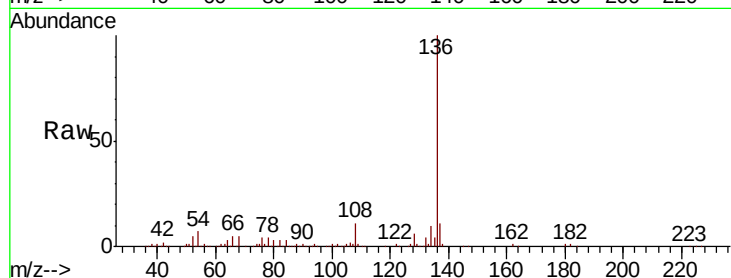
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.2 5.4 8.2

68 5.2 4.2 6.2

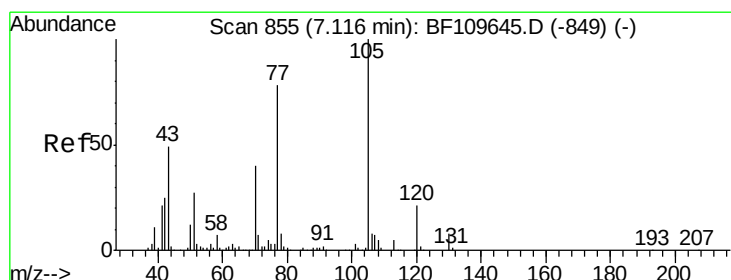
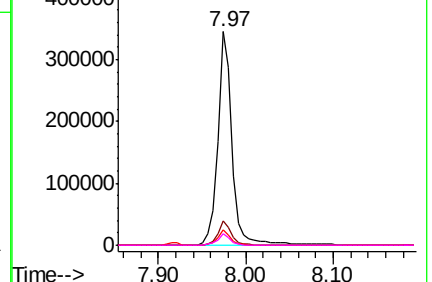
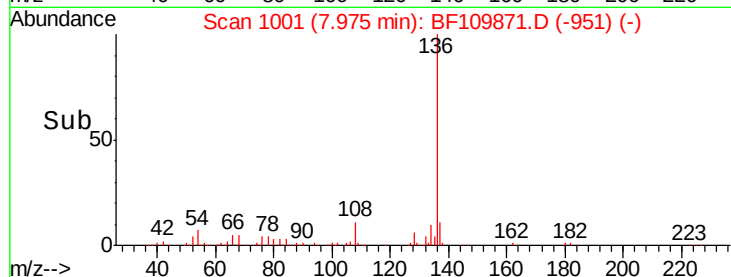


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.846 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:105 Resp: 482247

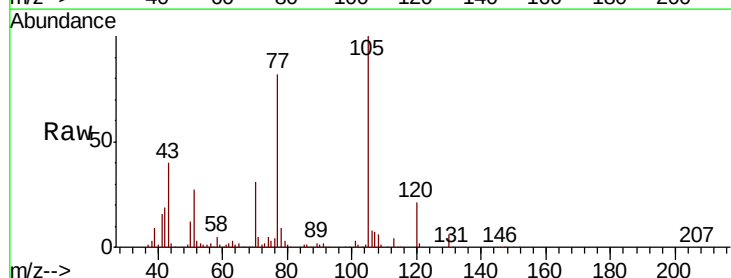
Ion Ratio Lower Upper

105 100

71 5.2 5.2 7.8#

51 26.8 21.8 32.8

120 21.3 17.0 25.4

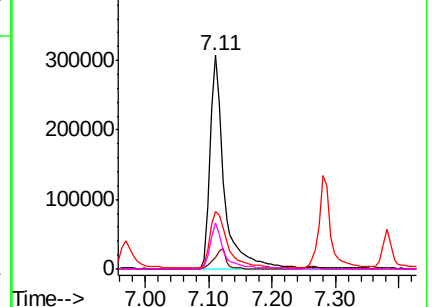
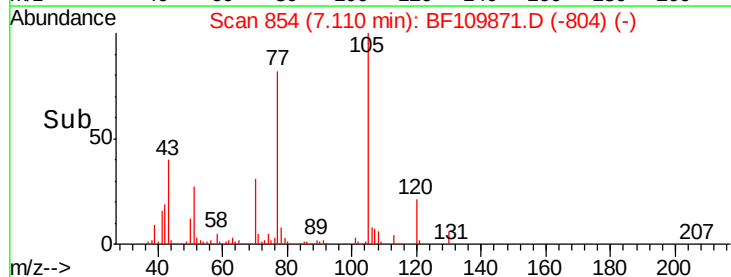


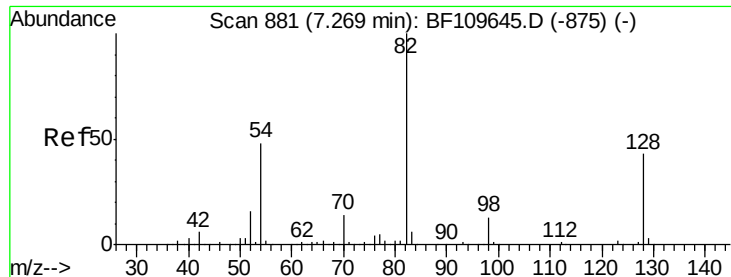
Abundance Ion 105.00 (104.70 to 105.70): E

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

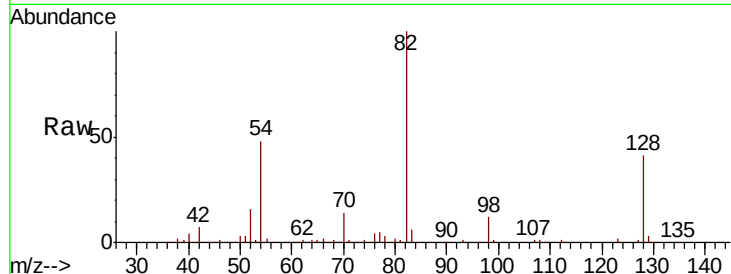




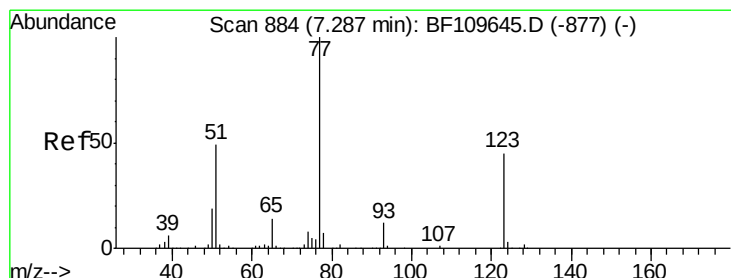
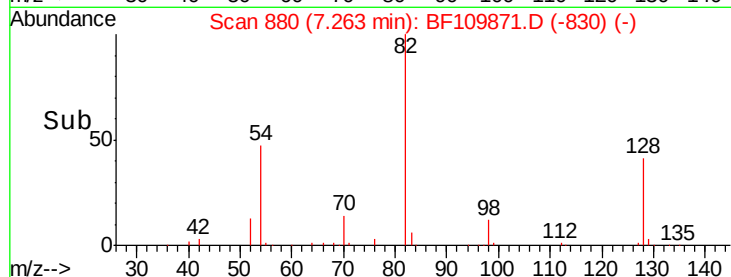
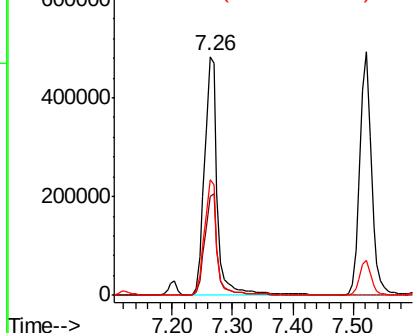
#23
 Nitrobenzene-d5
 Concen: 102.479 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	729154
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.2	51.2
54	48.2	38.6	58.0

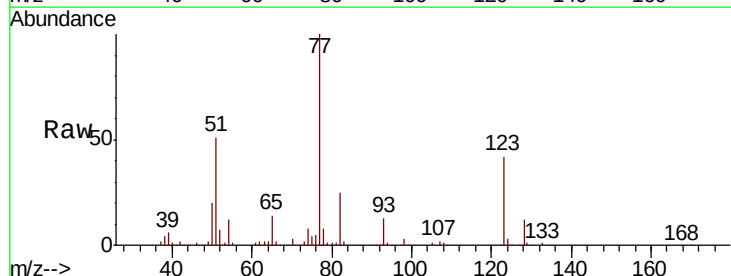


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

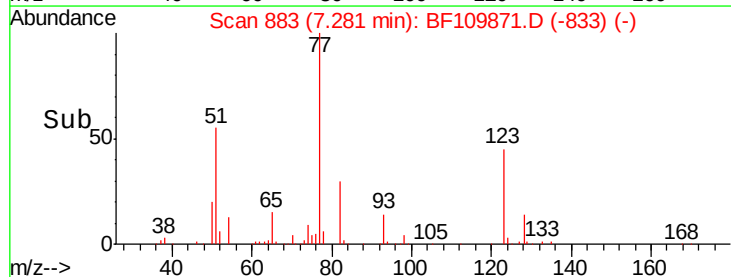
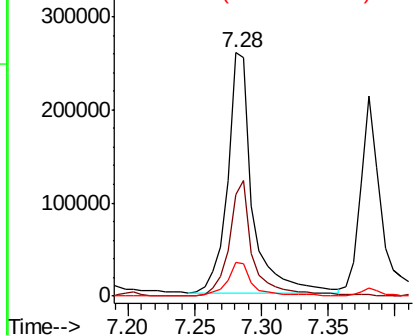


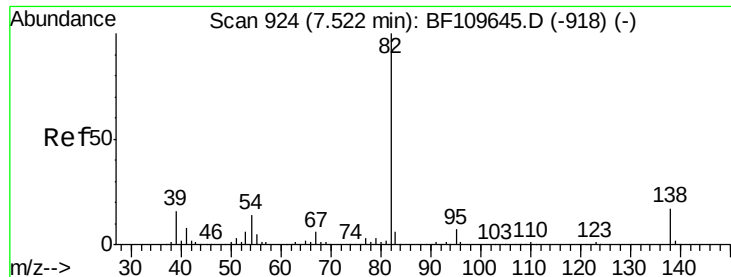
#24
 Nitrobenzene
 Concen: 46.412 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	77	Resp	343621
Ion Ratio	Lower	Upper	
77	100		
123	41.9	35.7	53.5
65	13.7	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: 54.659 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

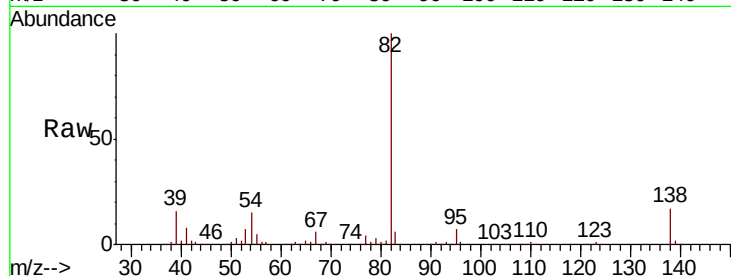
Tot Ion: 82 Resp: 645811

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

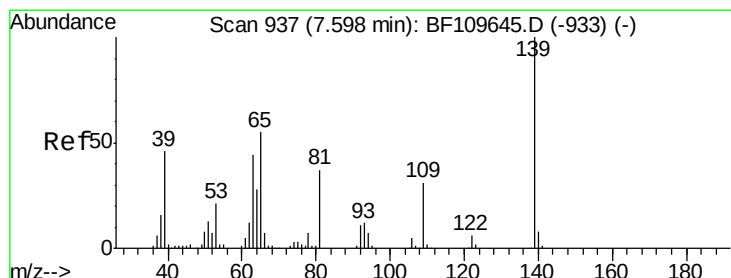
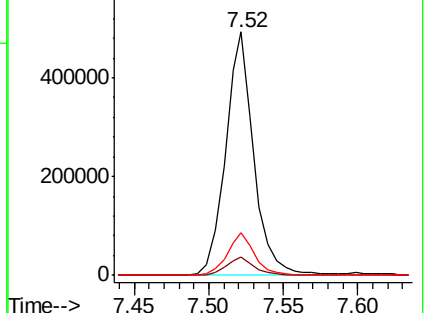
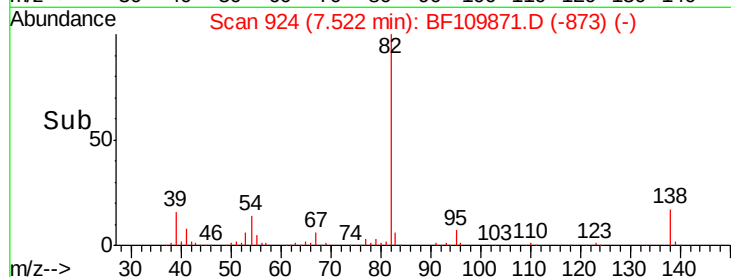
138 17.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.978 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

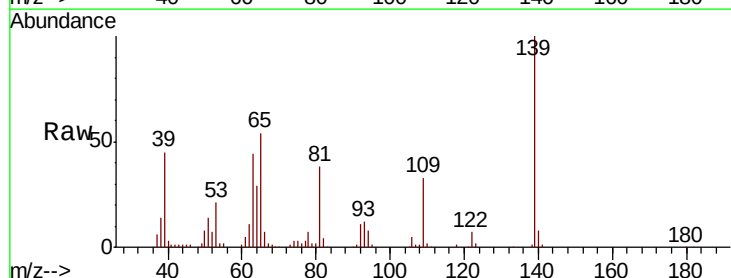
Tgt Ion: 139 Resp: 162689

Ion Ratio Lower Upper

139 100

109 32.7 25.0 37.6

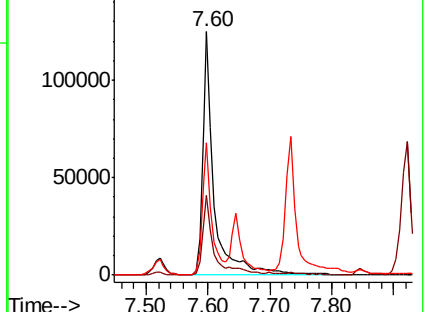
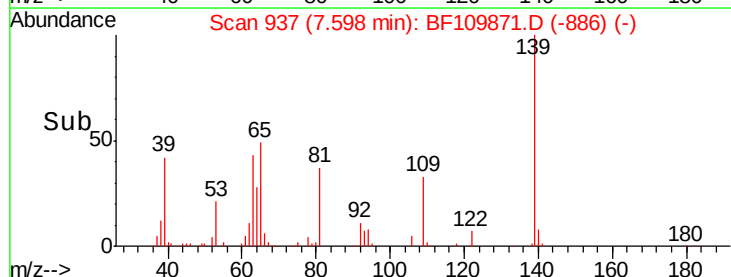
65 54.1 44.0 66.0

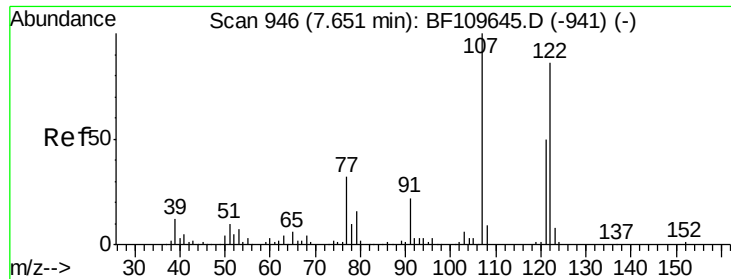


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

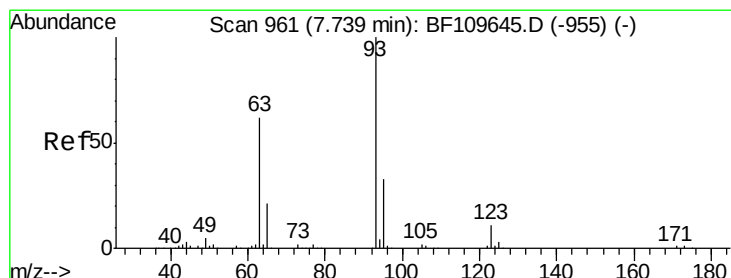
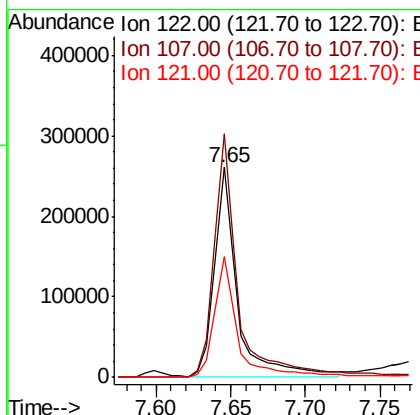
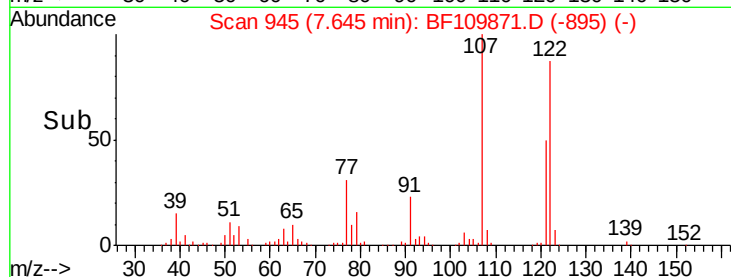
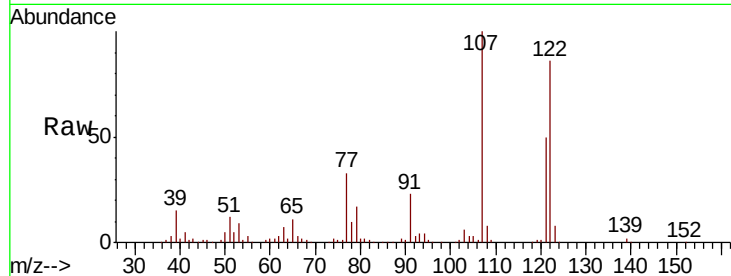




#27
 2,4-Dimethylphenol
 Concen: 55.466 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

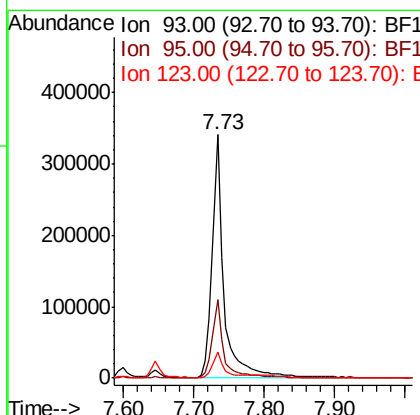
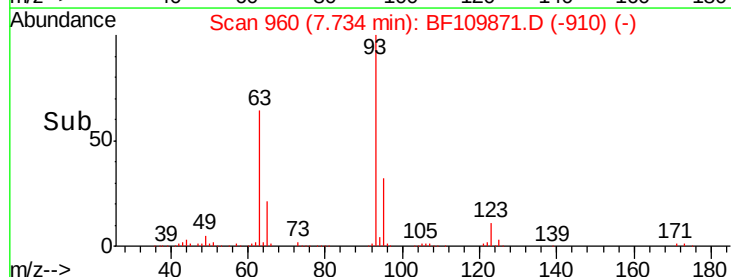
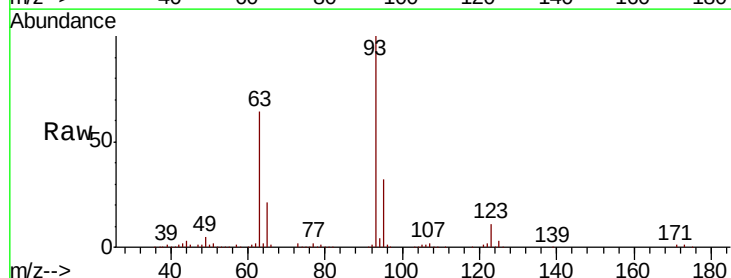
Instrument :
 BNA_F
 ClientSampleId :

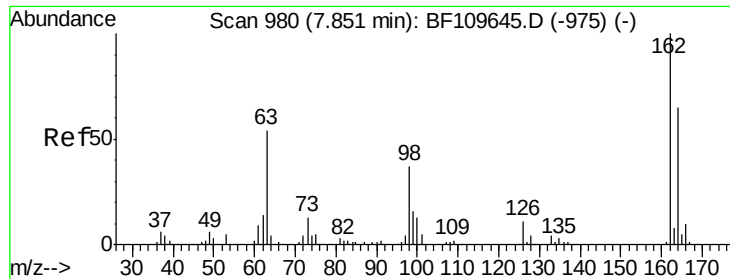
Tot Ion:122 Resp: 277380
 Ion Ratio Lower Upper
 122 100
 107 115.8 92.5 138.7
 121 57.7 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.173 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion: 93 Resp: 400973
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.4 39.6
 123 10.9 9.0 13.6

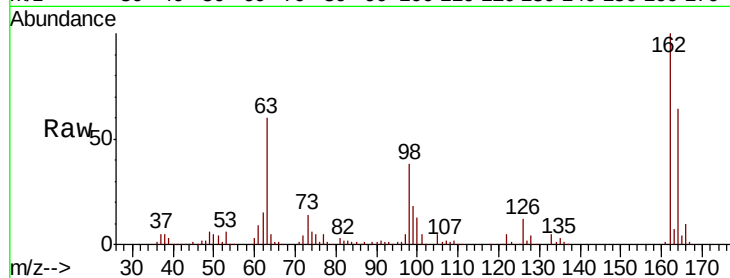




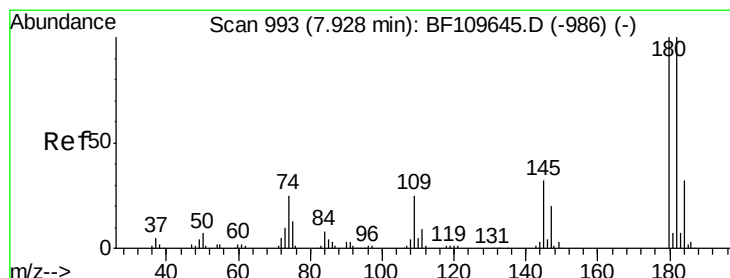
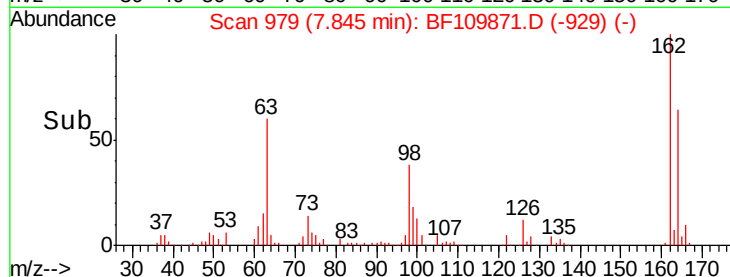
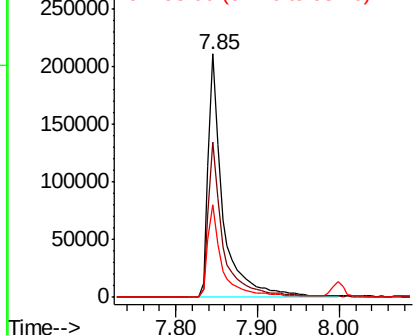
#29
2,4-Dichlorophenol
Concen: 47.794 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	38.1	17.4	57.4

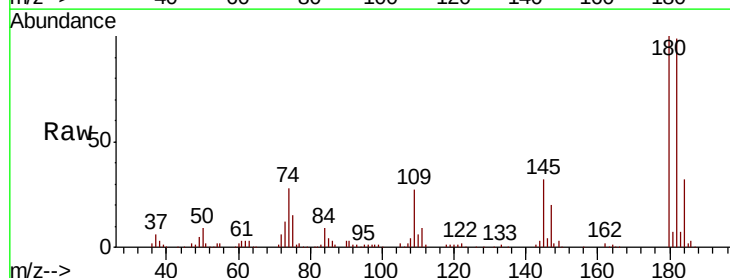


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

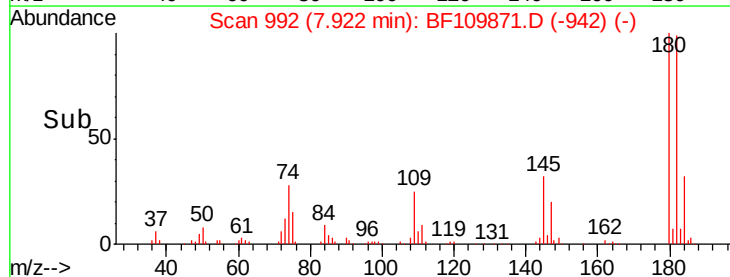
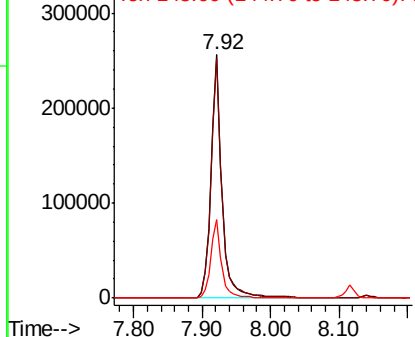


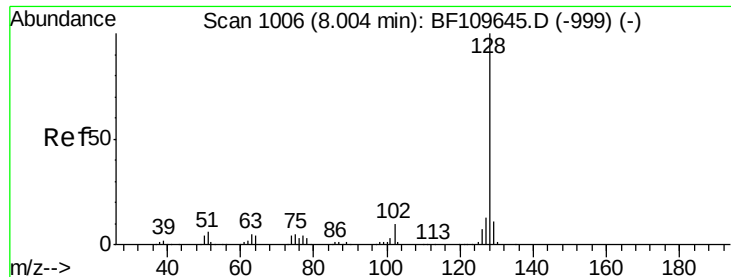
#30
1,2,4-Trichlorobenzene
Concen: 46.639 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	80.3	120.5
145	32.4	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

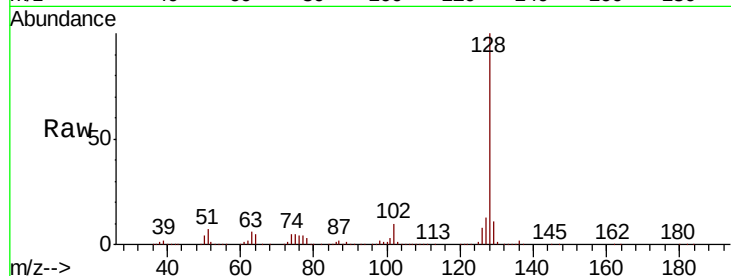




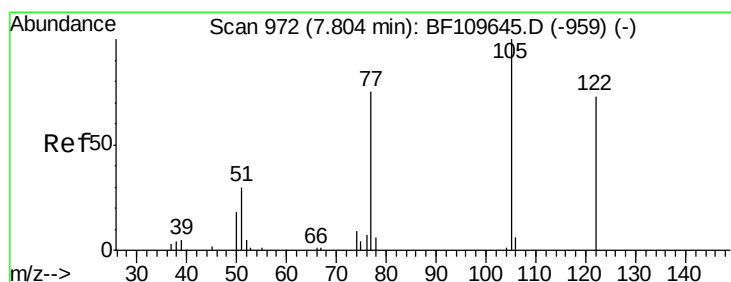
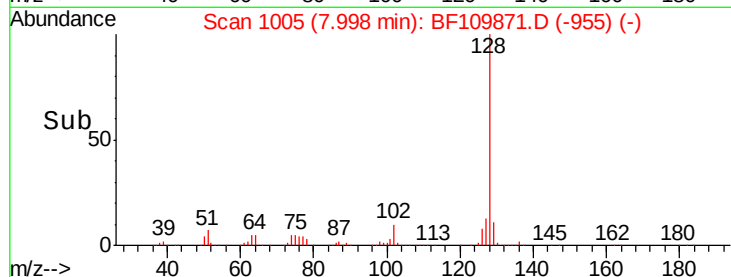
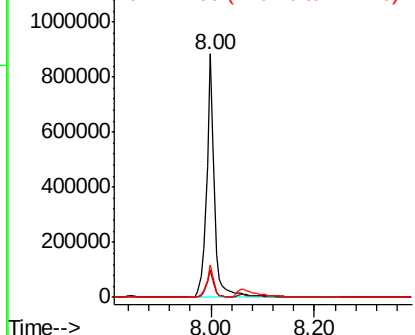
#31
Naphthalene
Concen: 52.280 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.2	10.8	16.2

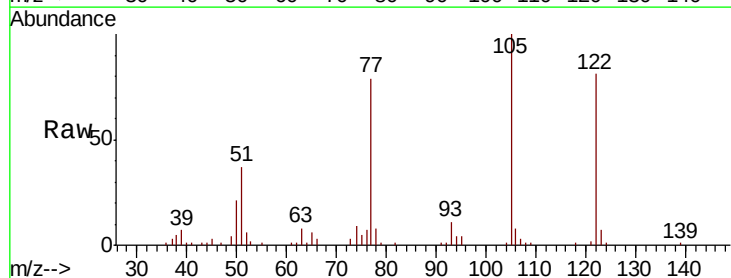


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

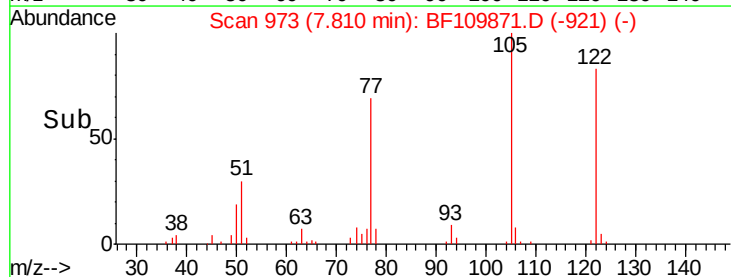
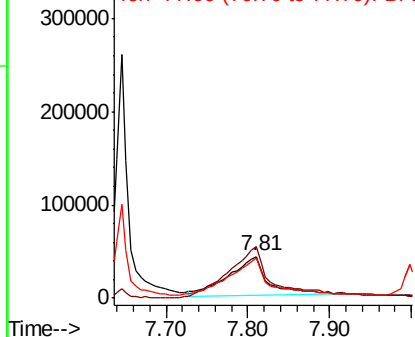


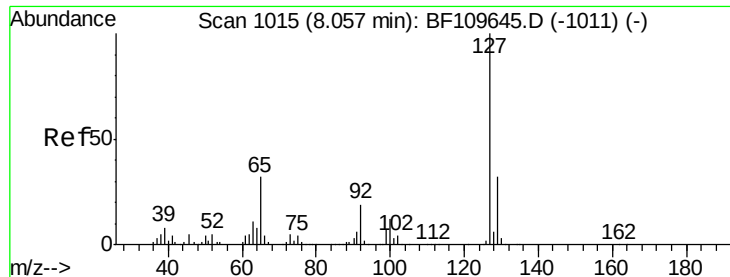
#32
Benzoic acid
Concen: 38.194 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	109.0	149.0
77	97.1	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

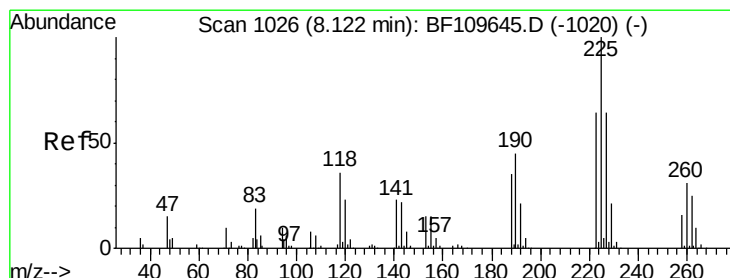
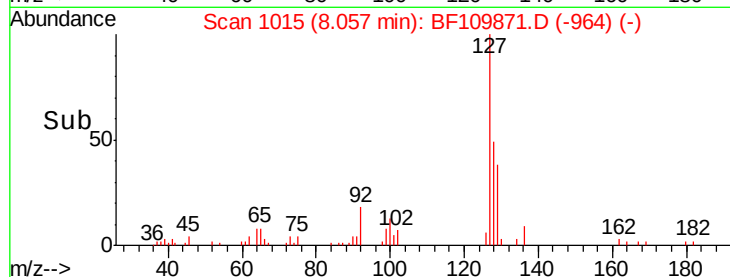
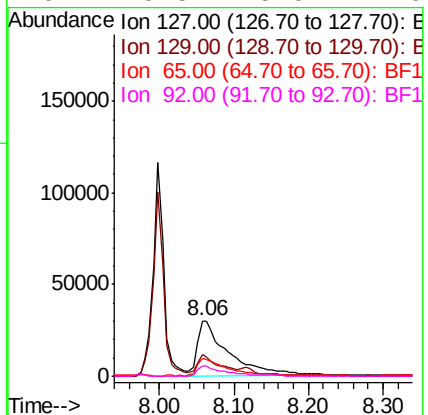
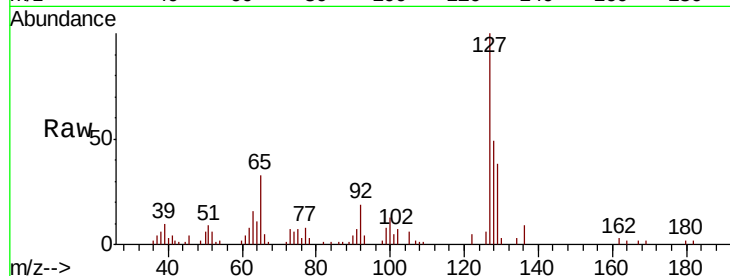




#33
4-Chloroaniline
Concen: 10.801 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

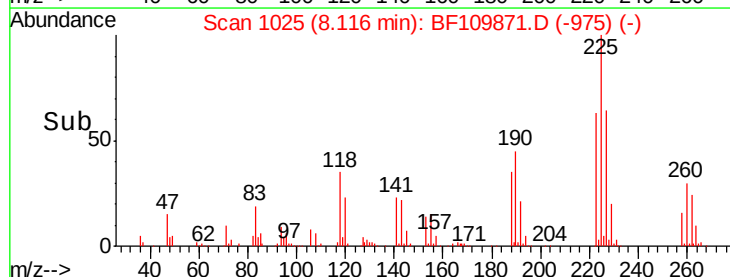
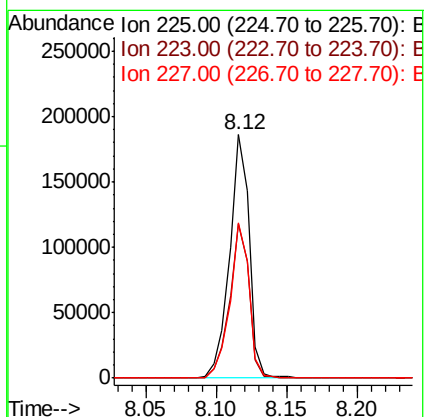
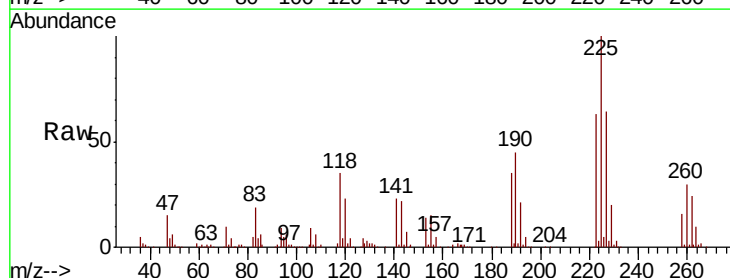
Instrument :
BNA_F
ClientSampleId :

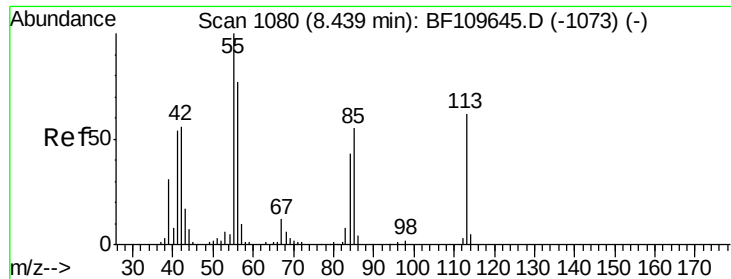
Tot Ion:	127	Resp:	86277
Ion	Ratio	Lower	Upper
127	100		
129	38.4	26.0	39.0
65	32.7	25.1	37.7
92	19.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 46.560 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion:	225	Resp:	179765
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	63.6	51.0	76.6

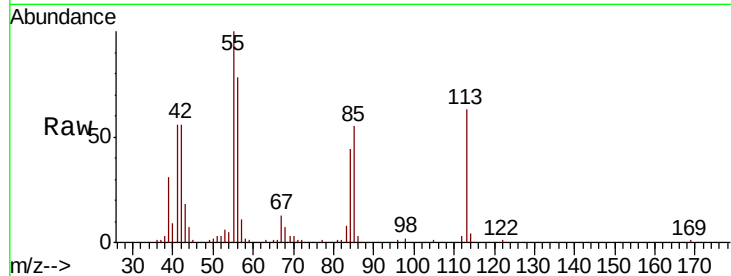




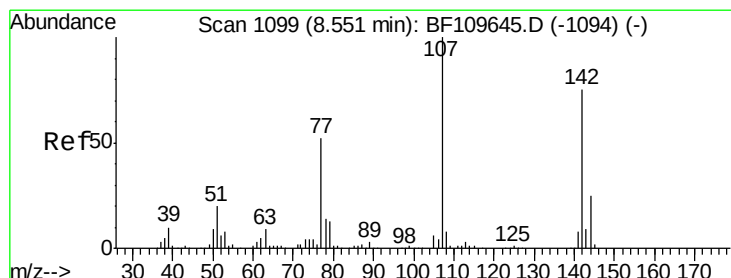
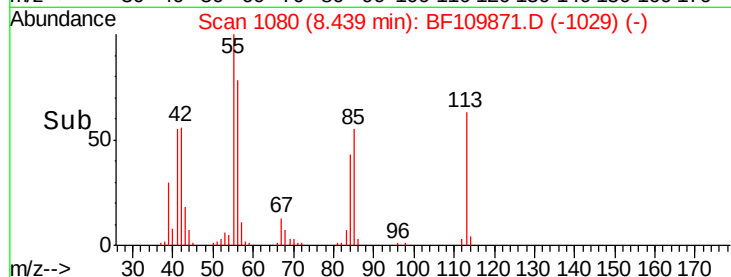
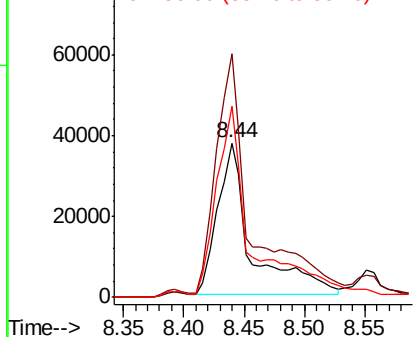
#35
 Caprolactam
 Concen: 43.397 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 72698
 Ion Ratio Lower Upper
 113 100
 55 158.0 142.8 182.8
 56 124.0 105.0 145.0

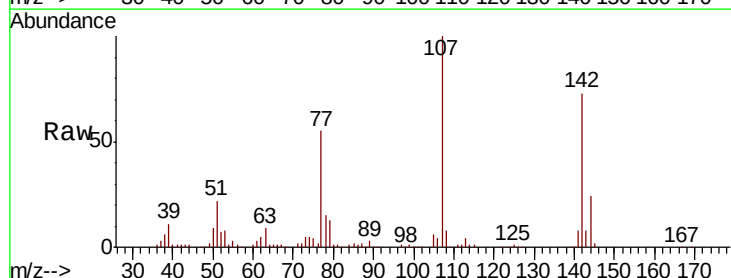


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

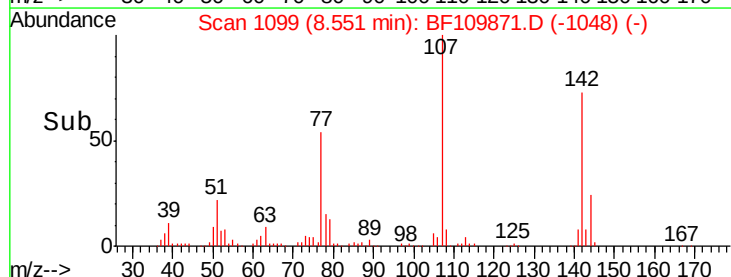
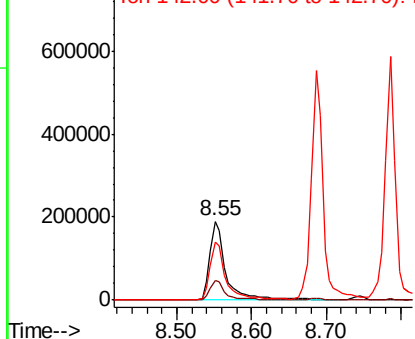


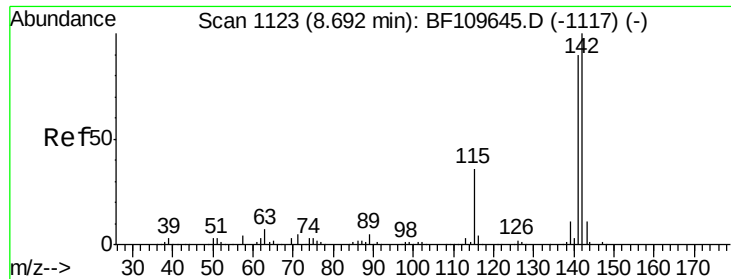
#36
 4-Chloro-3-methylphenol
 Concen: 48.472 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:107 Resp: 287009
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 73.0 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

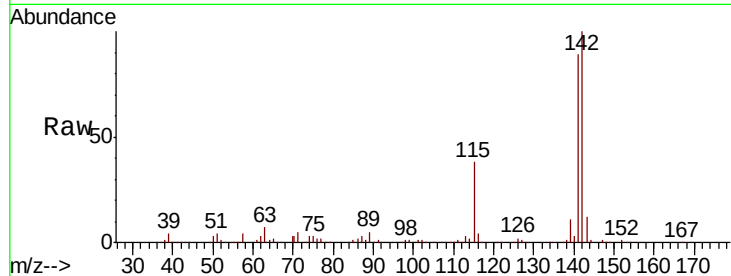




#37
2-Methylnaphthalene
Concen: 50.435 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	37.5	28.7	43.1

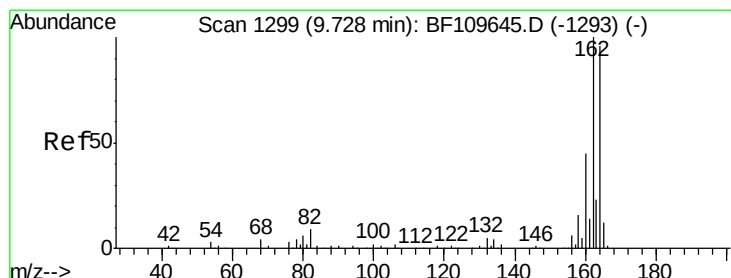
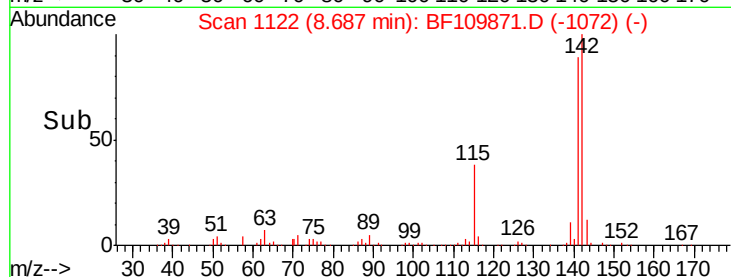
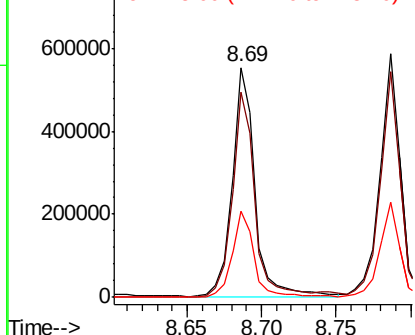


Abundance

Ion 142.00 (141.70 to 142.70): E

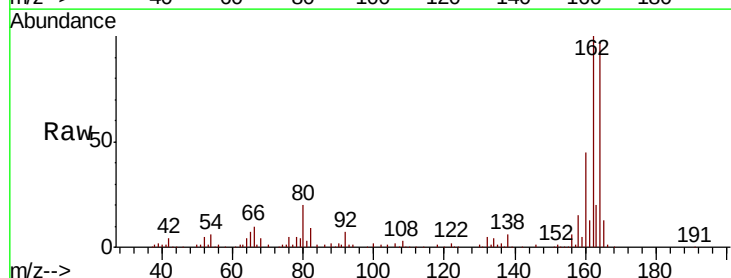
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.3	37.0	55.6

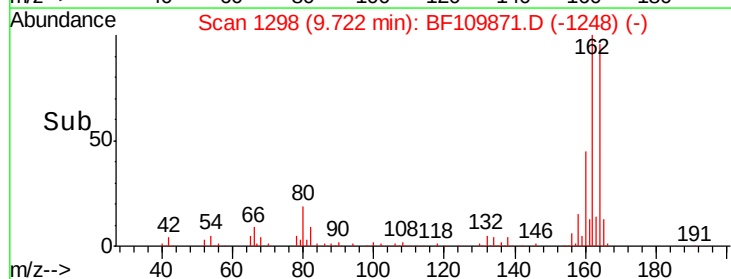
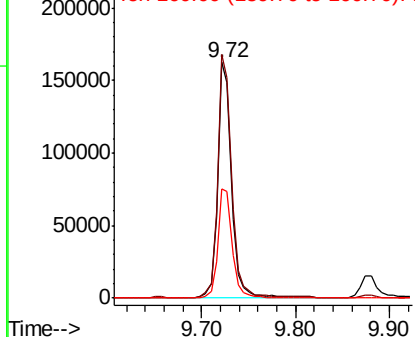


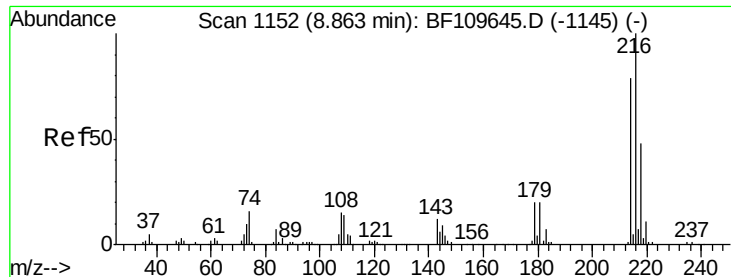
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.600 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 280833

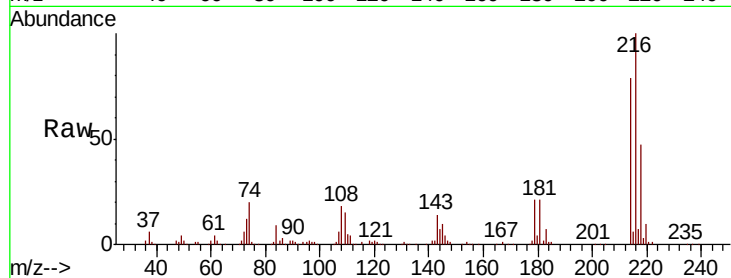
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 20.9 16.6 25.0

108 18.9 15.1 22.7

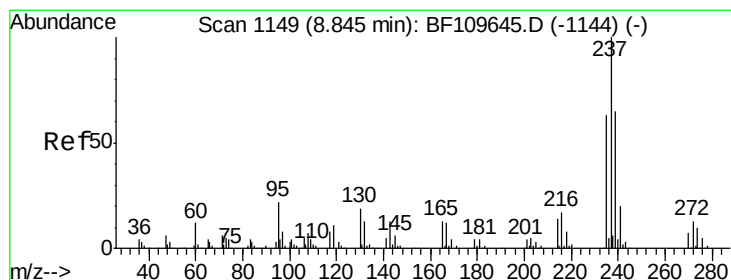
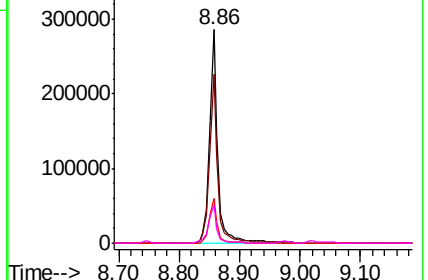
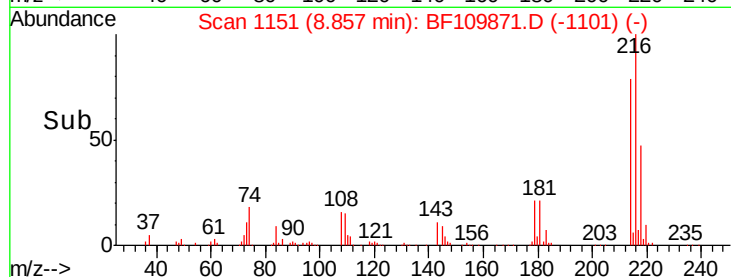


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 35.169 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

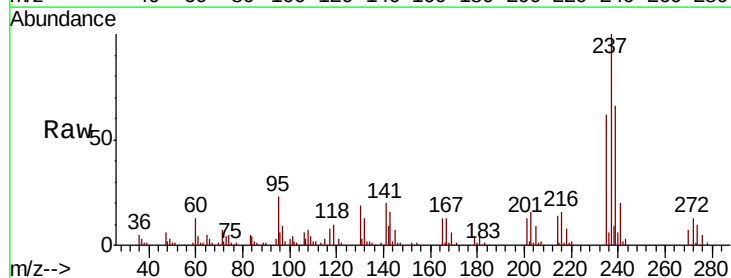
Tgt Ion:237 Resp: 77761

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

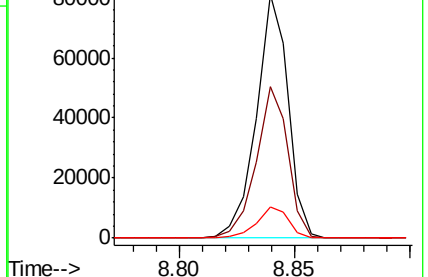
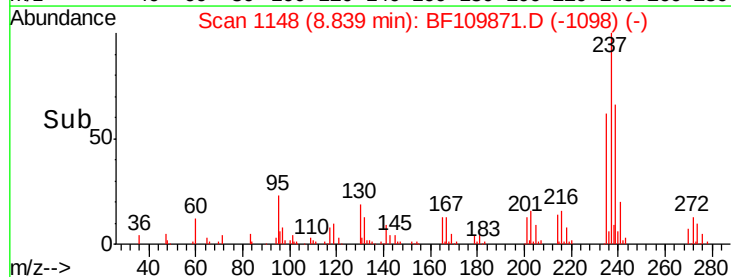
272 12.6 0.0 32.6

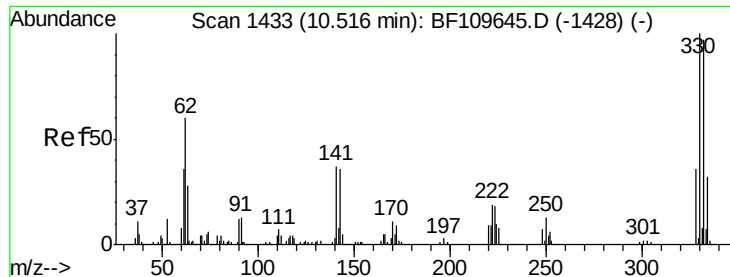


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

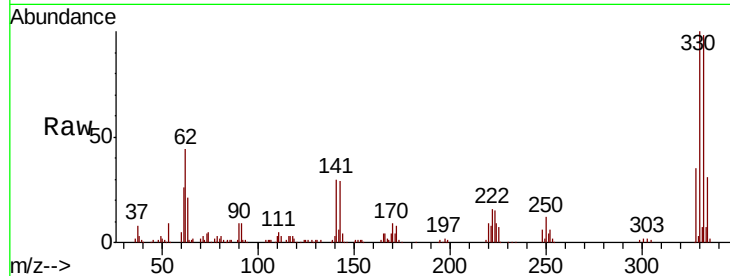




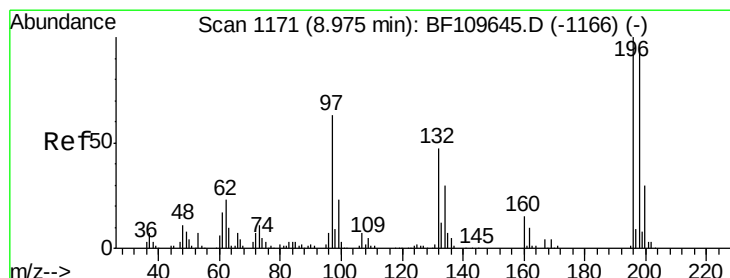
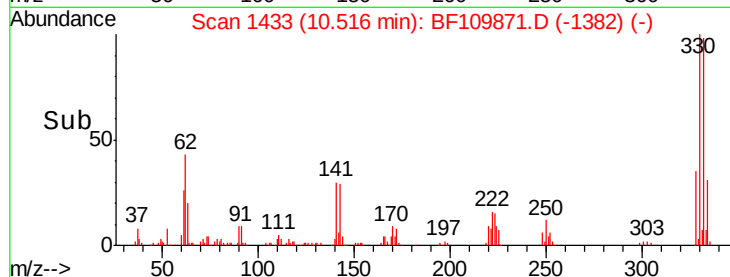
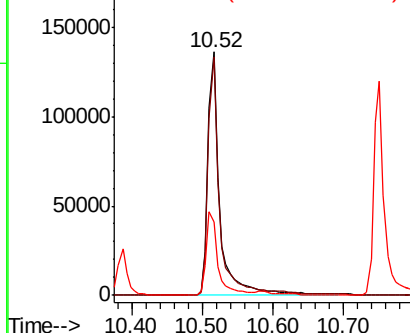
#41
 2,4,6-Tribromophenol
 Concen: 87.305 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 161484
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 32.9 27.0 40.4

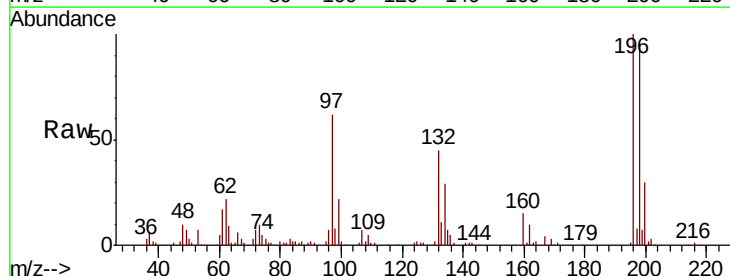


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

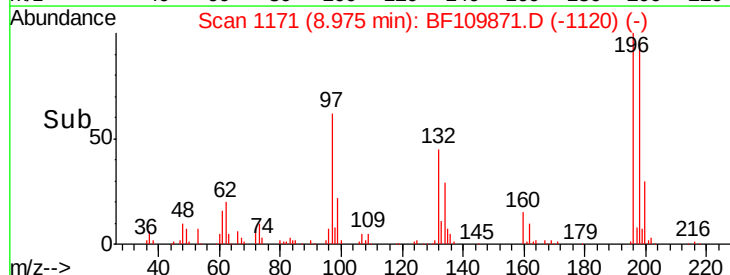
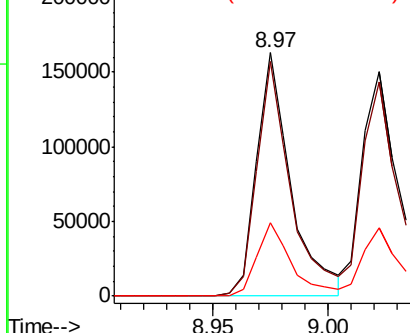


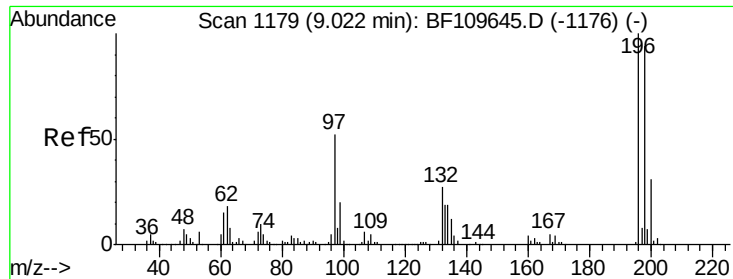
#42
 2,4,6-Trichlorophenol
 Concen: 48.990 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:196 Resp: 169230
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.4
 200 30.1 24.4 36.6



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

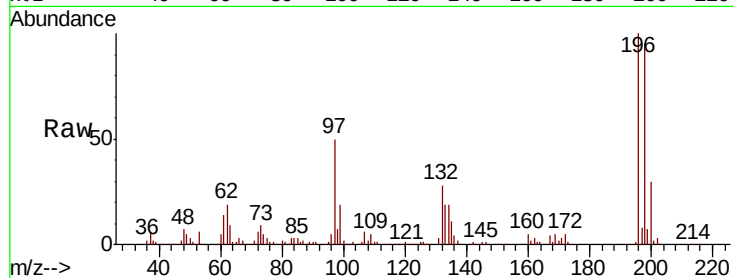




#43
2,4,5-Trichlorophenol
Concen: 48.471 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.6
97	50.3	42.4	63.6
132	27.7	22.8	34.2



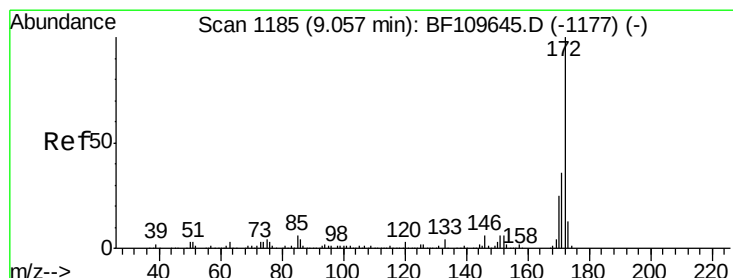
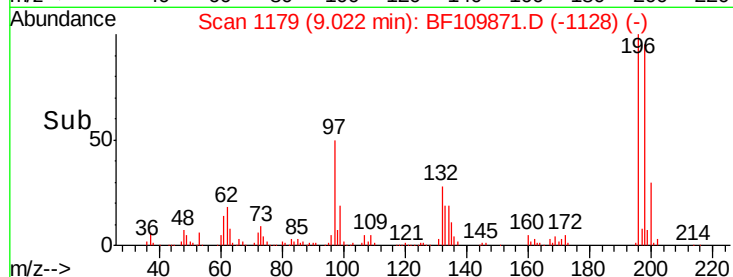
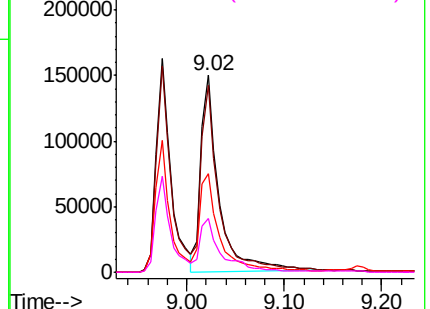
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

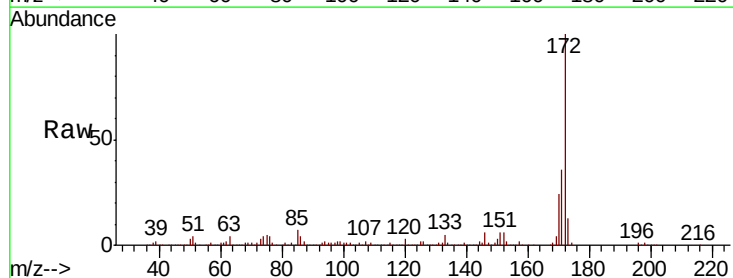
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 100.760 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.7	29.5

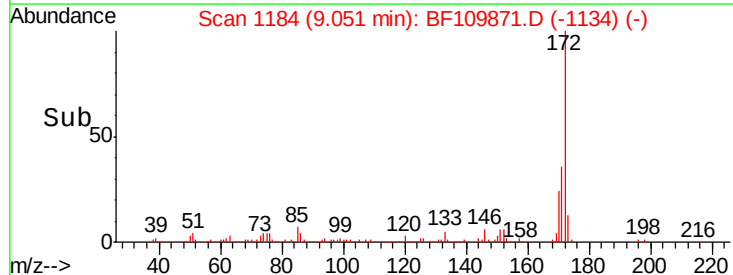
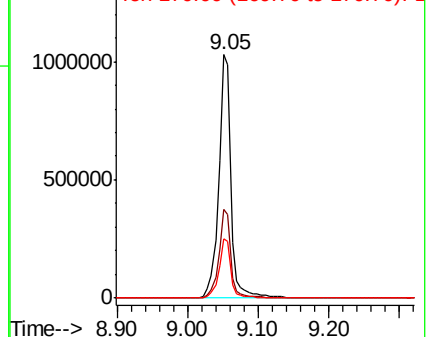


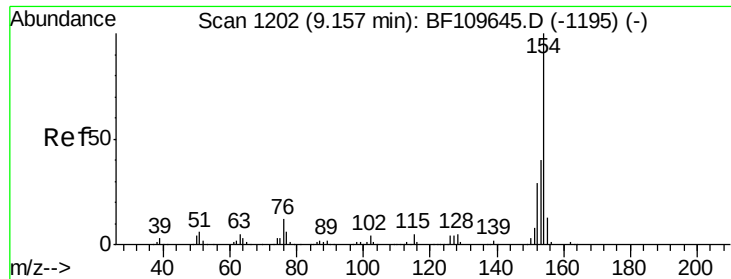
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.793 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

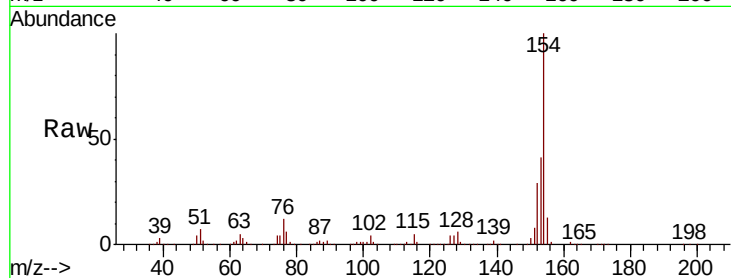
Tot Ion:154 Resp: 724781

Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

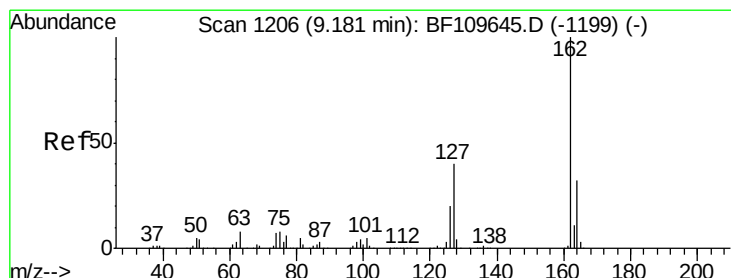
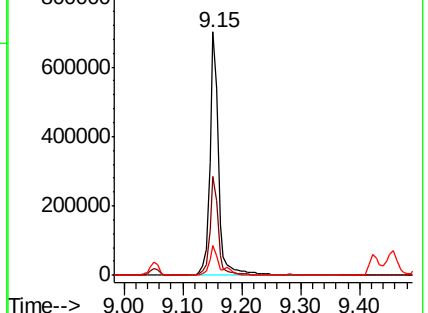
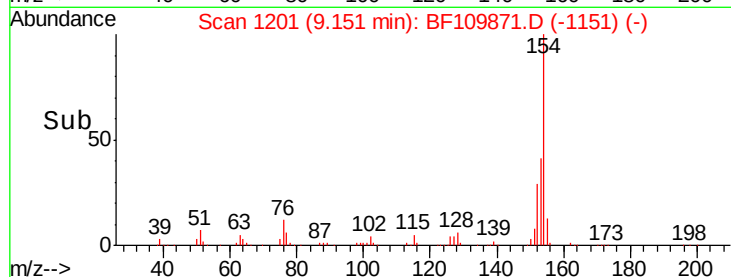
76 12.3 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 48.125 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

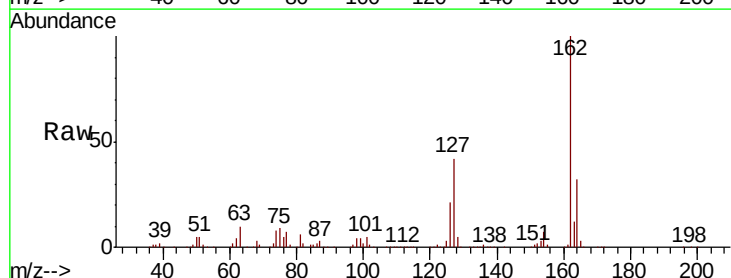
Tgt Ion:162 Resp: 546773

Ion Ratio Lower Upper

162 100

127 41.8 32.6 48.8

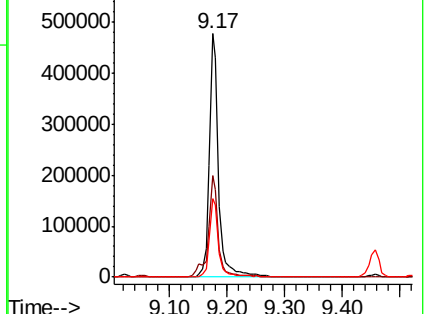
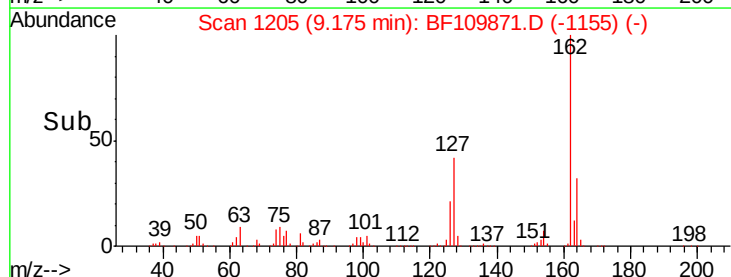
164 32.2 25.9 38.9

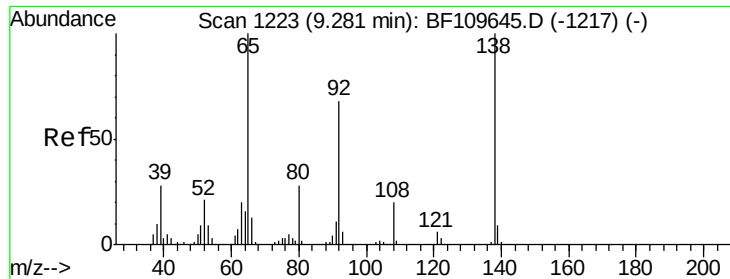


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

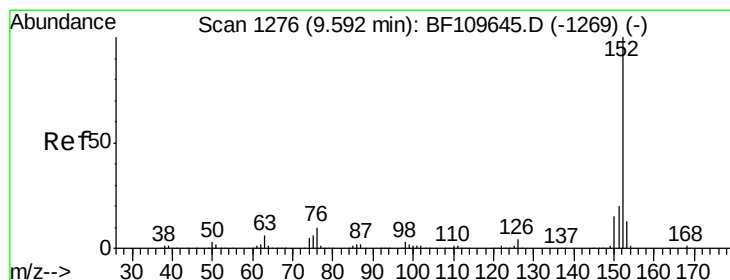
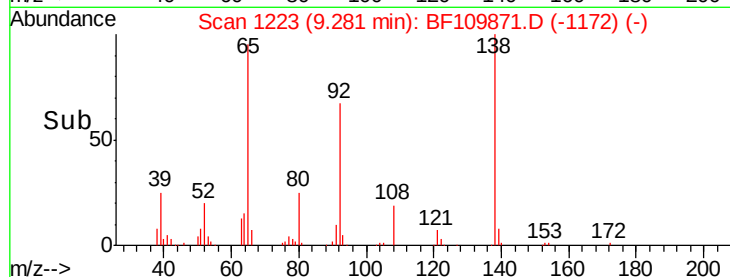
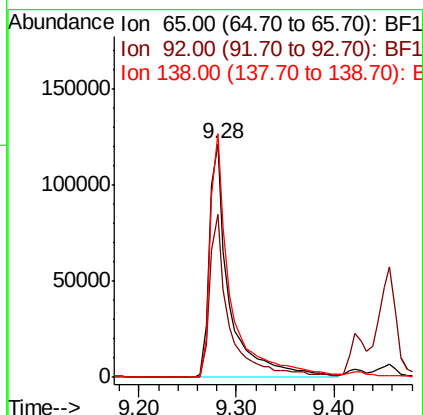
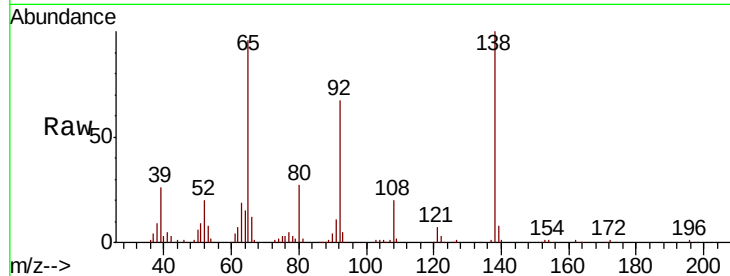




#47
2-Nitroaniline
Concen: 49.889 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

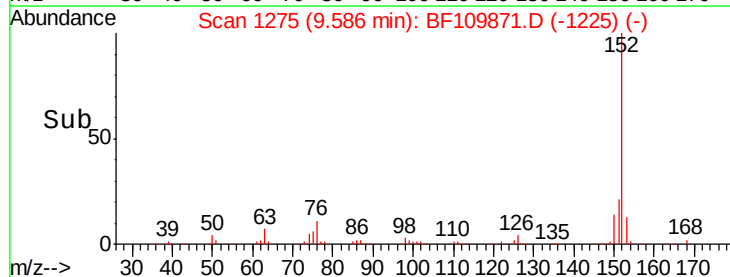
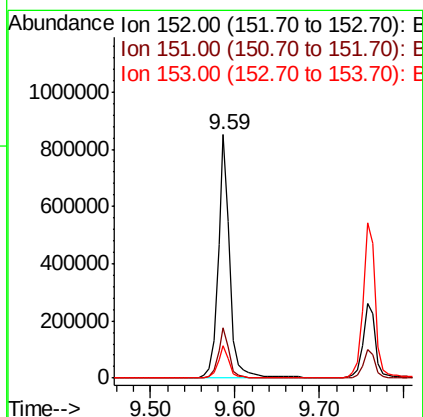
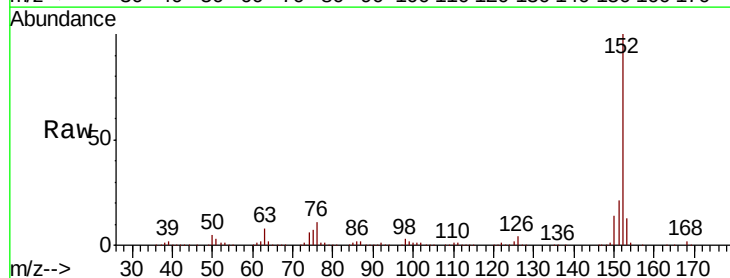
Instrument :
BNA_F
ClientSampleId :

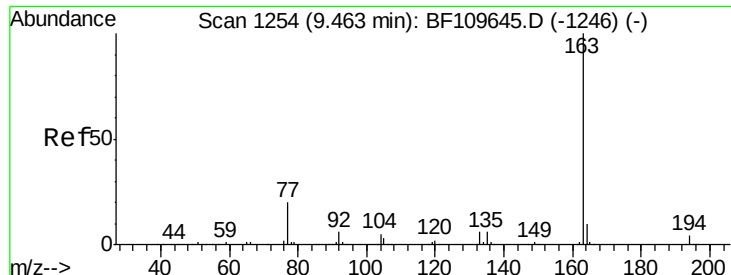
Tot Ion: 65 Resp: 171627
Ion Ratio Lower Upper
65 100
92 69.8 54.6 81.8
138 104.2 80.3 120.5



#48
Acenaphthylene
Concen: 49.951 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion: 152 Resp: 827355
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.2 10.4 15.6

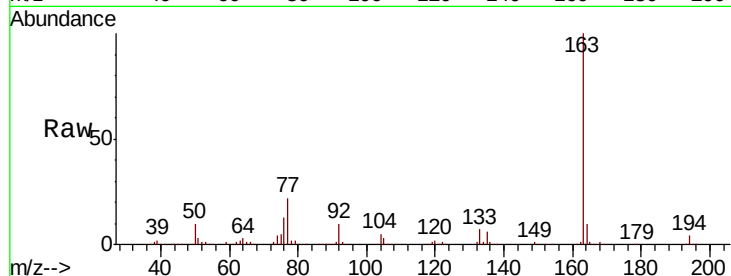




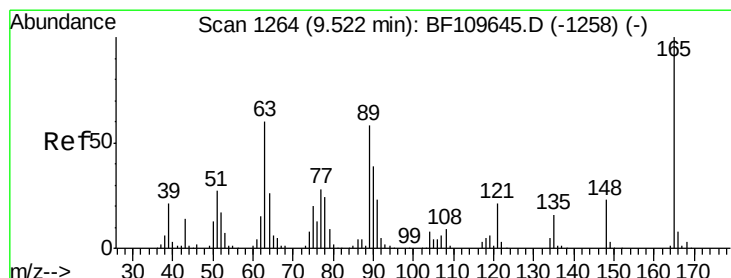
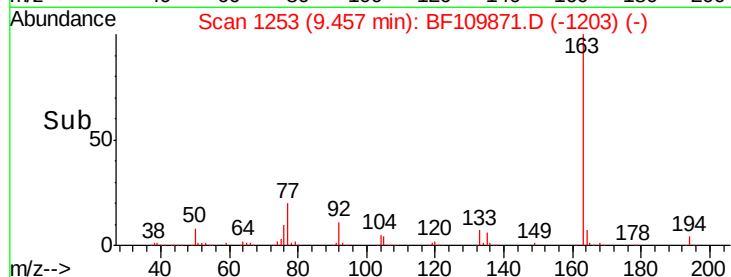
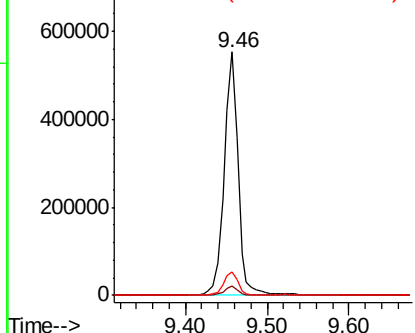
#49
Dimethylphthalate
Concen: 52.912 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	8.1	12.1

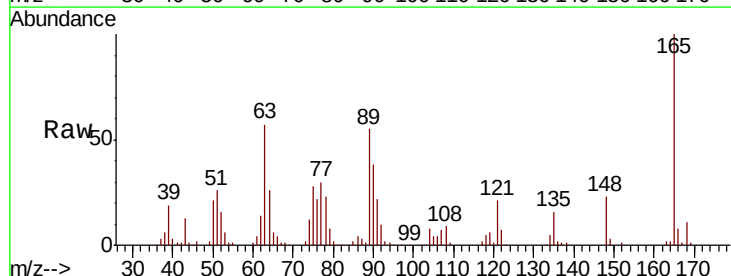


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

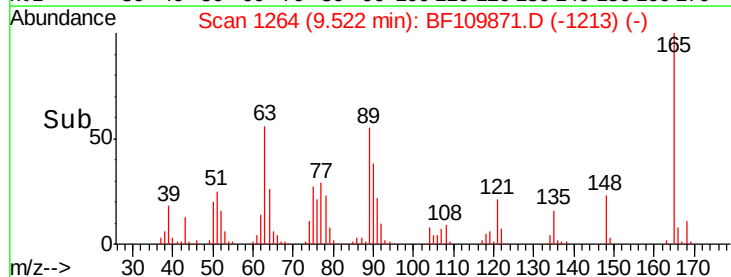
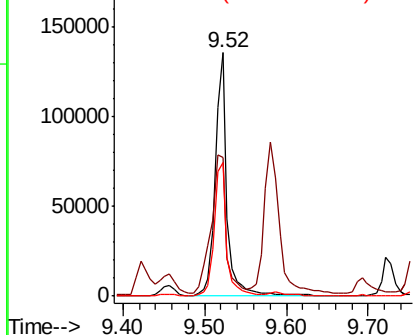


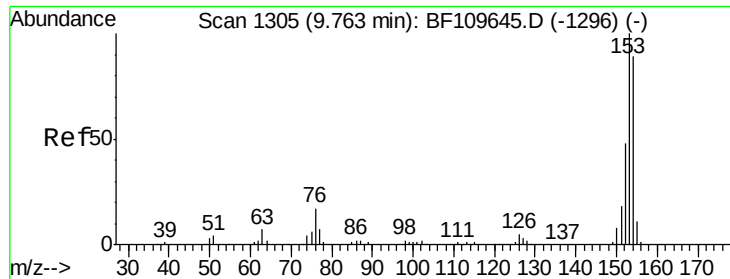
#50
2,6-Dinitrotoluene
Concen: 50.815 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.7	48.9	73.3
89	54.9	46.6	69.8



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





#51

Acenaphthene

Concen: 47.280 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

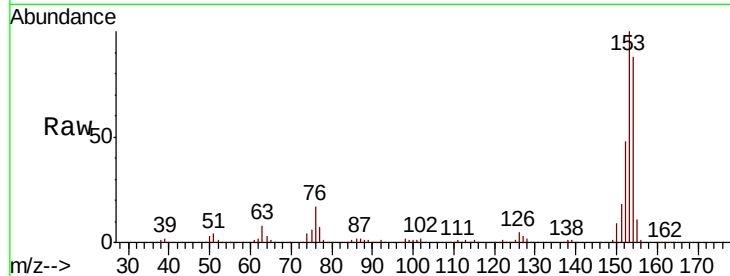
Tot Ion:154 Resp: 464239

Ion Ratio Lower Upper

154 100

153 114.1 90.1 135.1

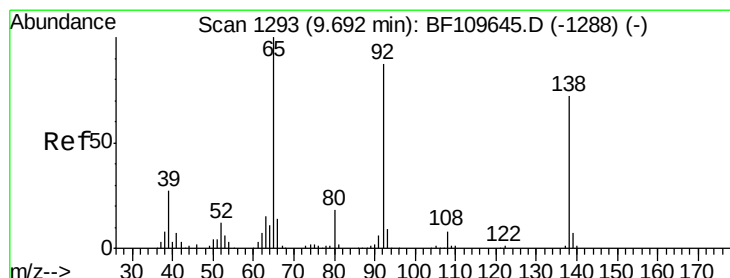
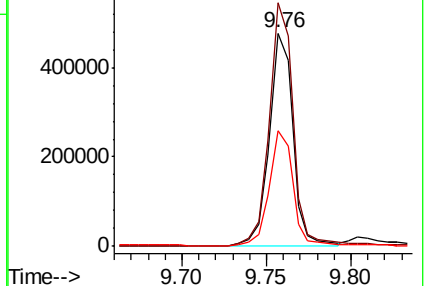
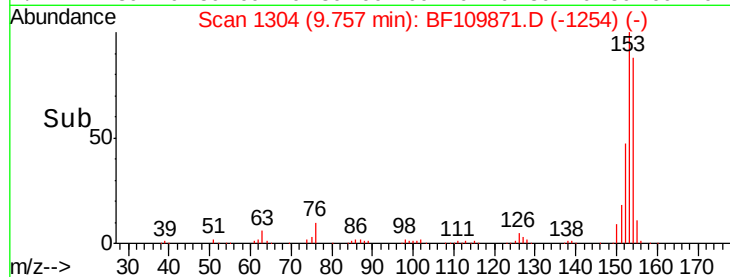
152 54.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.821 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

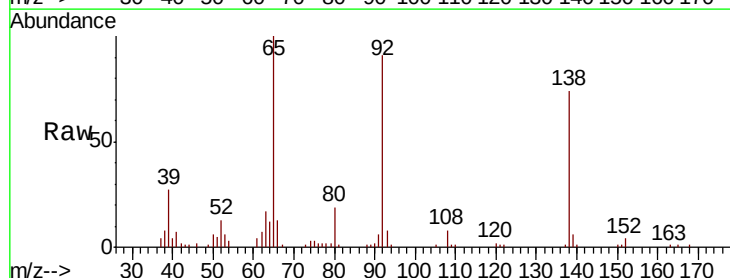
Tgt Ion:138 Resp: 78113

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

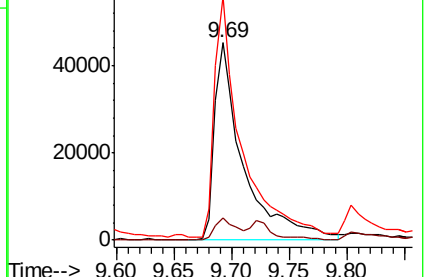
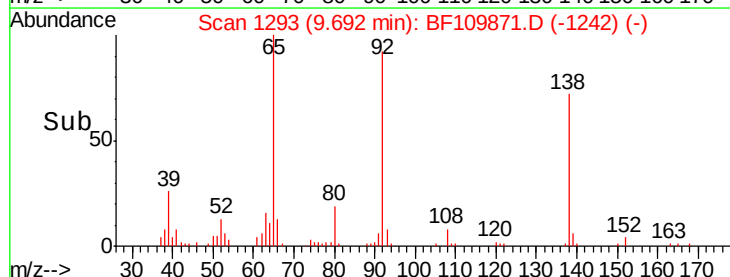
92 123.6 97.0 145.4

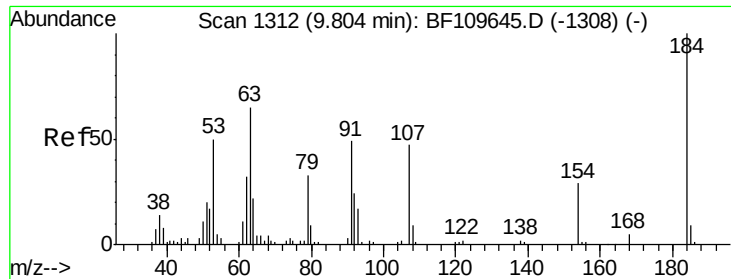


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

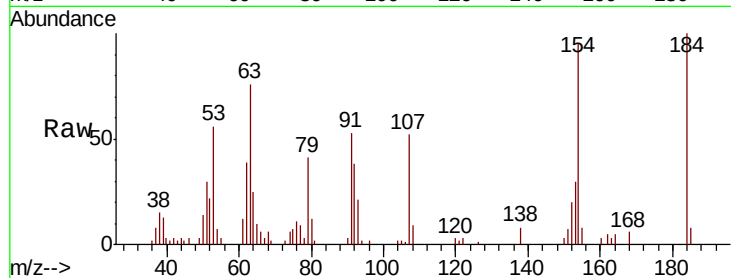




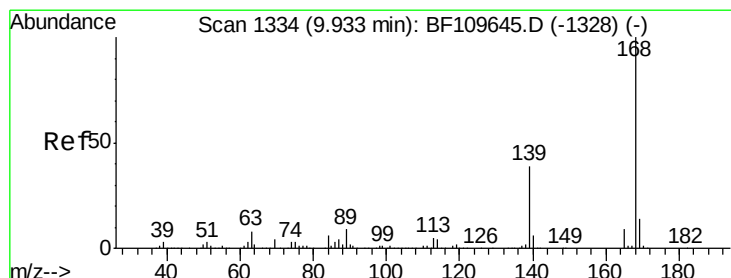
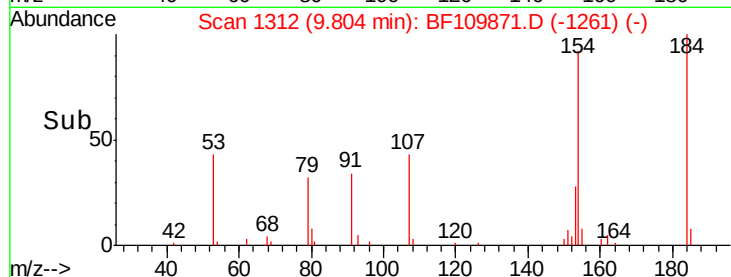
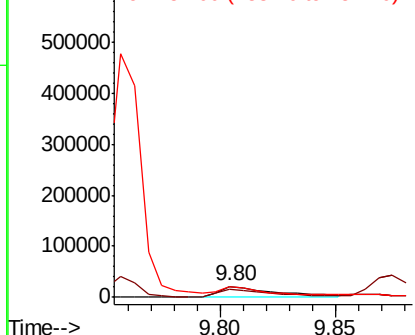
#53
 2,4-Dinitrophenol
 Concen: 42.215 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 36757
 Ion Ratio Lower Upper
 184 100
 63 76.1 55.8 83.6
 154 95.0 63.2 94.8#

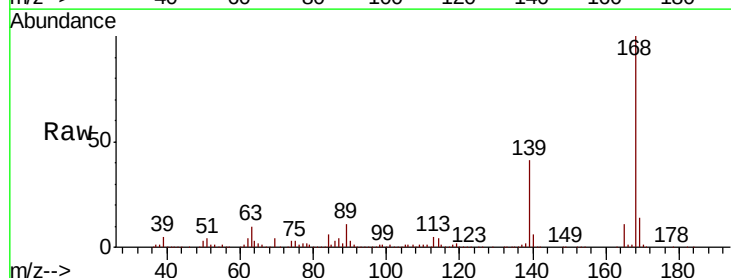


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

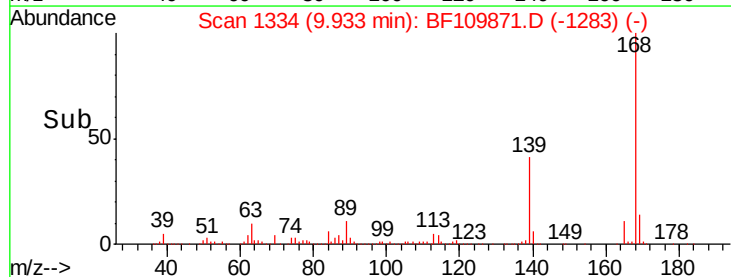
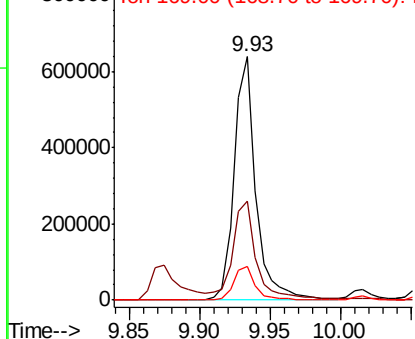


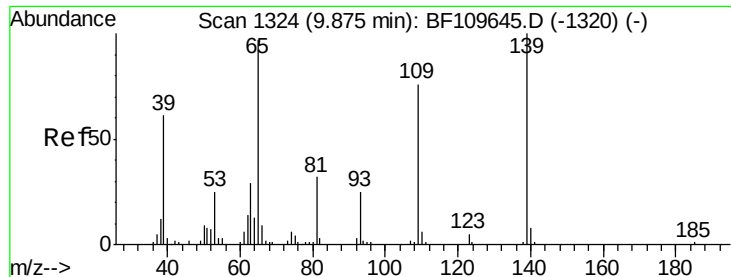
#54
 Dibenzofuran
 Concen: 46.625 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:168 Resp: 686240
 Ion Ratio Lower Upper
 168 100
 139 40.7 33.0 49.6
 169 14.0 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





#55

4-Nitrophenol

Concen: 76.549 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

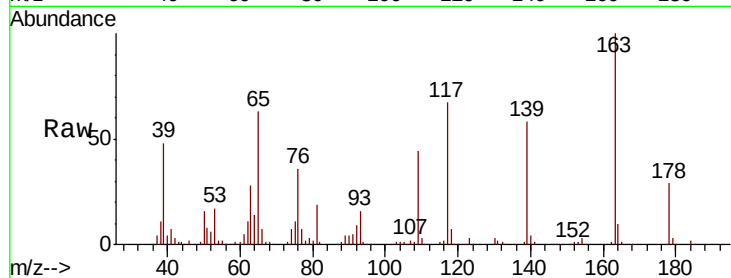
Tot Ion:139 Resp: 126755

Ion Ratio Lower Upper

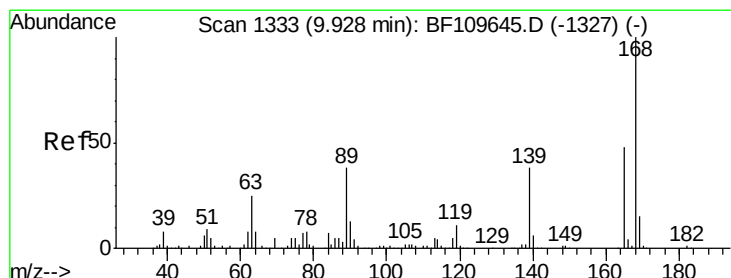
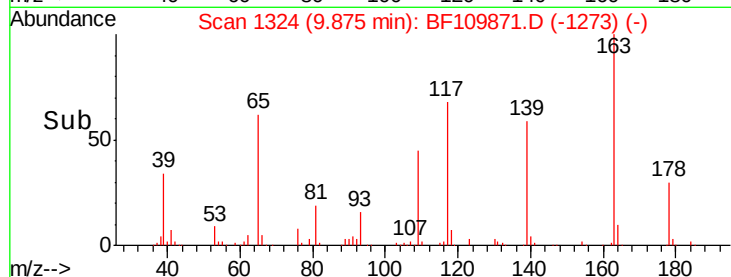
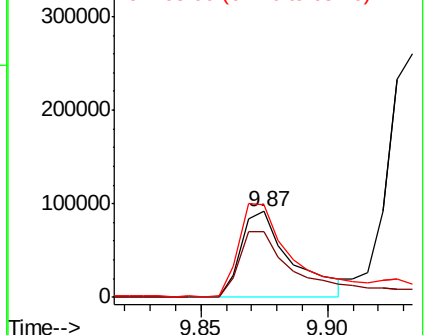
139 100

109 76.5 55.8 95.8

65 108.9 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



#56

2,4-Dinitrotoluene

Concen: 46.478 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:165 Resp: 156533

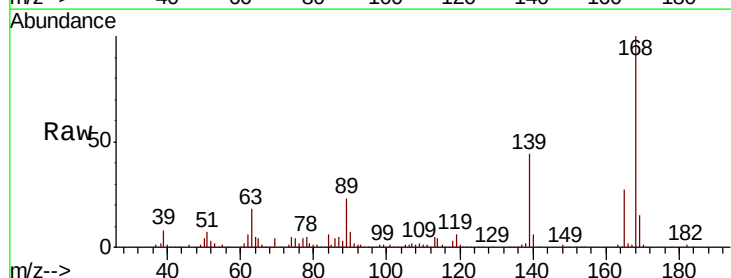
Ion Ratio Lower Upper

165 100

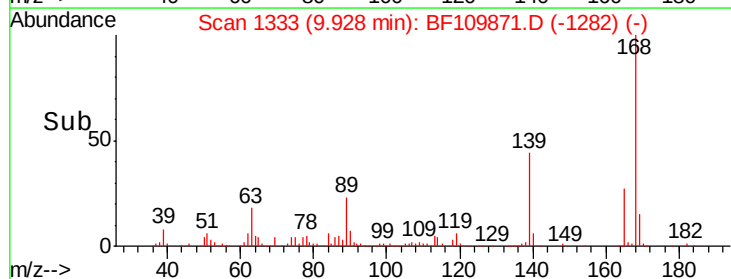
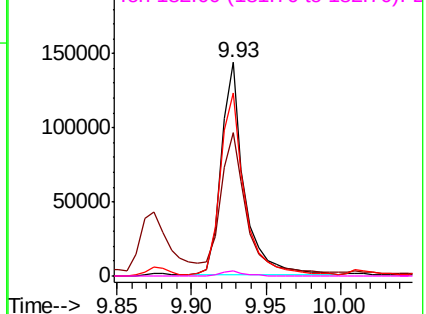
63 67.3 44.8 67.2#

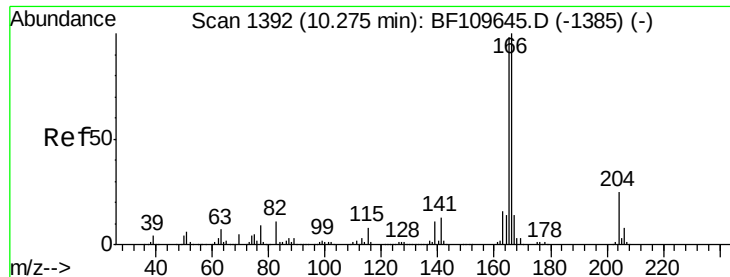
89 85.4 62.2 93.4

182 2.3 2.1 3.1



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





#57

Fluorene

Concen: 48.363 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

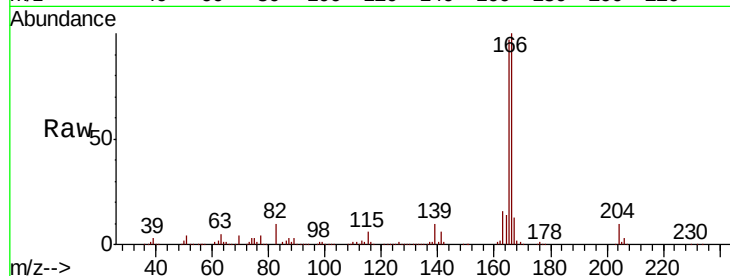
Tot Ion:166 Resp: 531577

Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

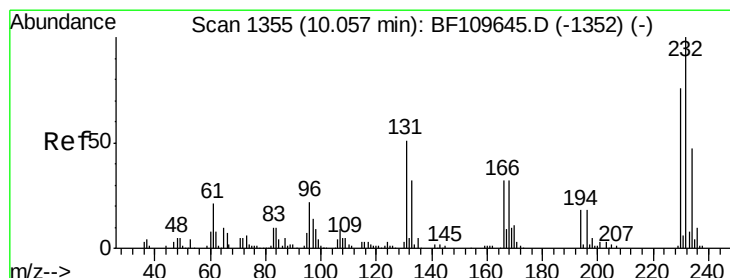
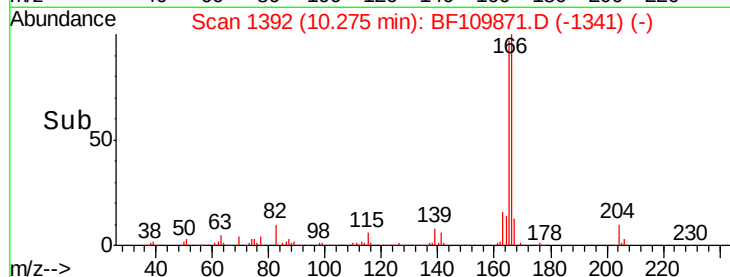
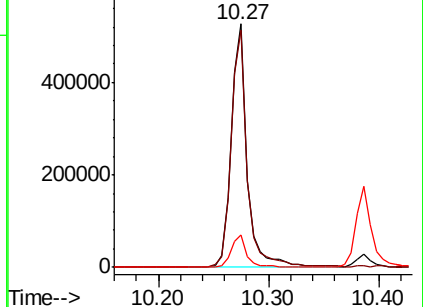
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.114 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:232 Resp: 158570

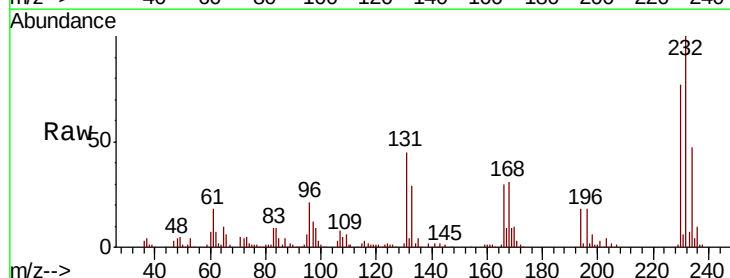
Ion Ratio Lower Upper

232 100

131 40.3 37.0 55.4

130 2.0 1.8 2.6

166 25.7 22.0 33.0

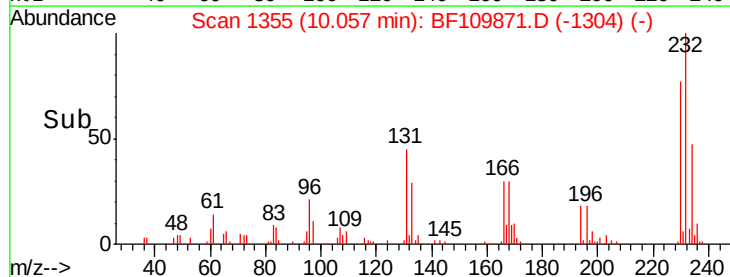
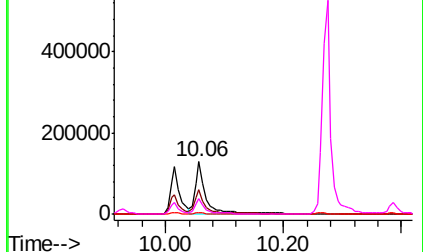


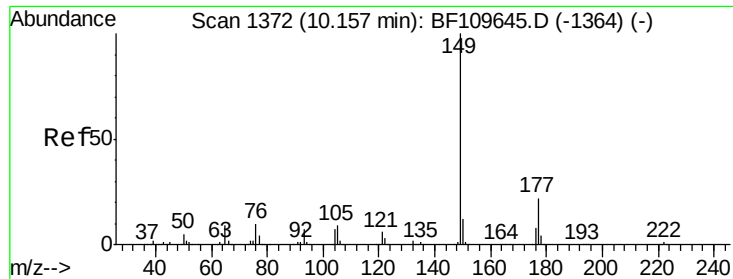
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

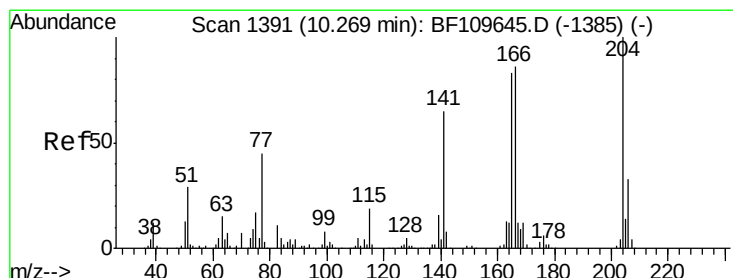
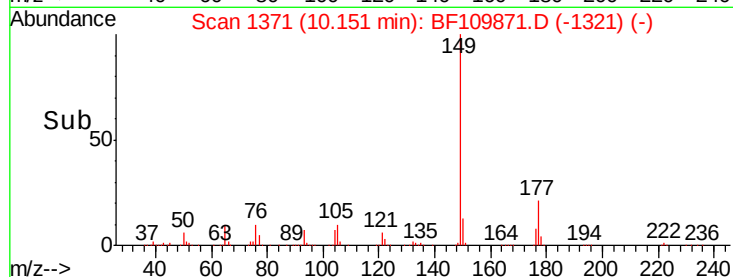
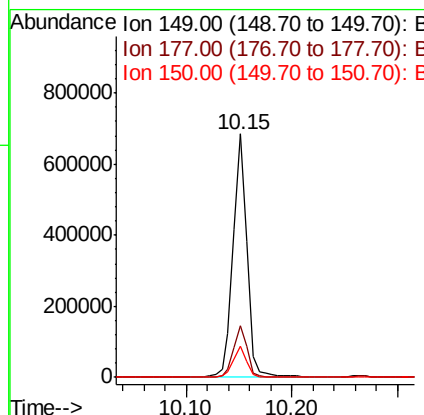
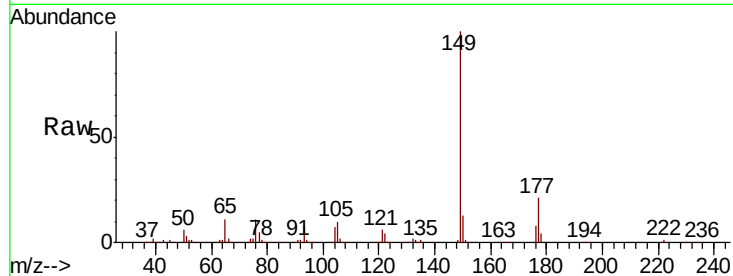




#59
Diethylphthalate
Concen: 50.648 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

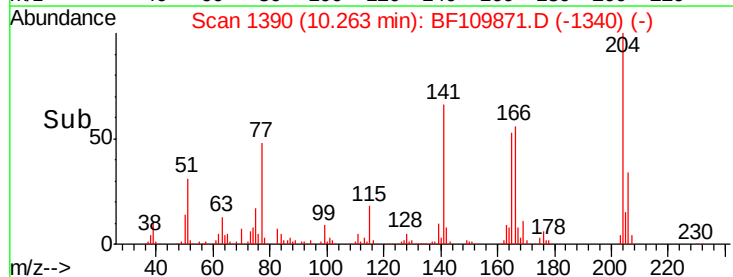
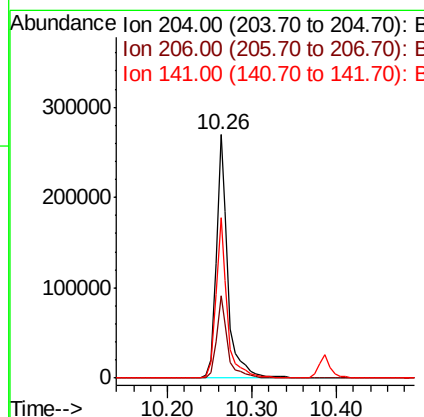
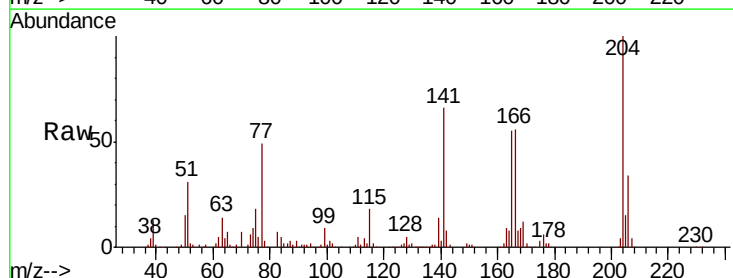
Instrument :
BNA_F
ClientSampleId :

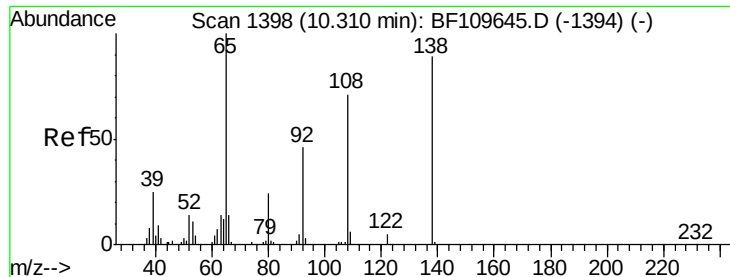
Tot Ion:149 Resp: 624769
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 12.5 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 45.841 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion:204 Resp: 265814
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 66.0 51.8 77.8

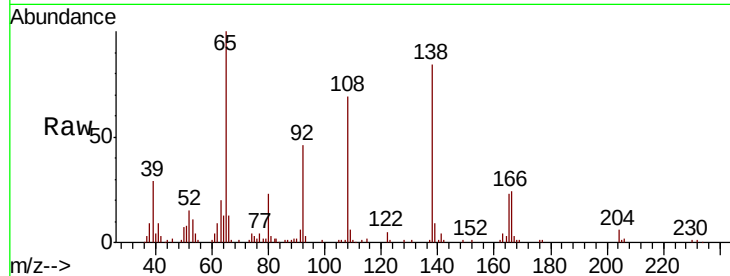




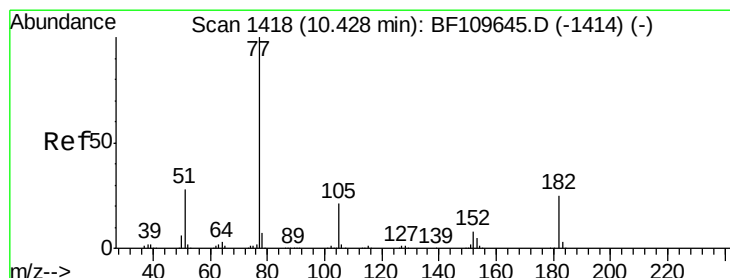
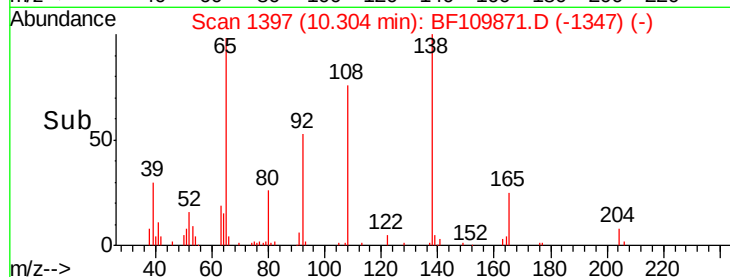
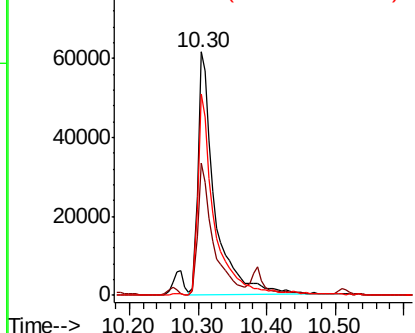
#61
4-Nitroaniline
Concen: 37.978 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106399
Ion Ratio Lower Upper
138 100
92 54.4 31.7 71.7
108 82.6 59.3 99.3

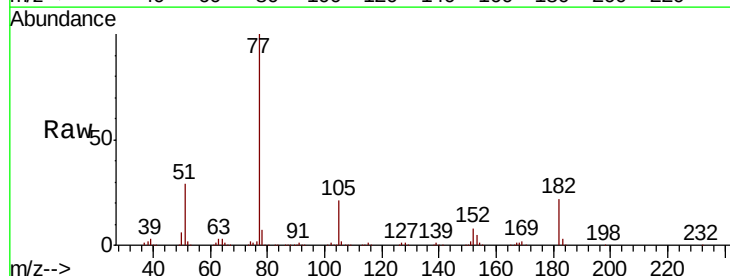


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

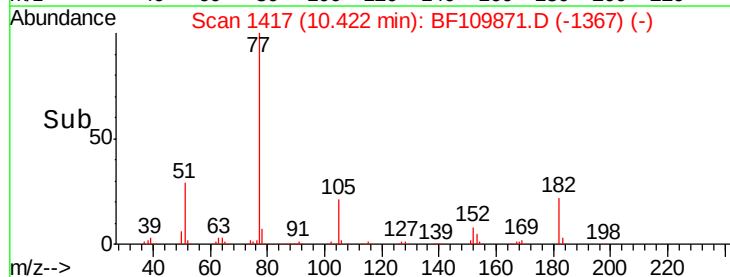
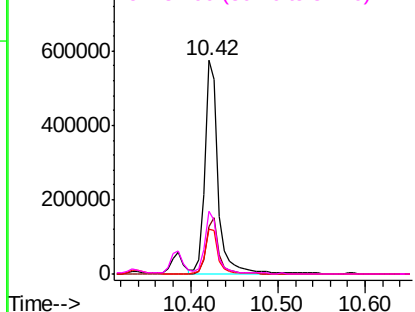


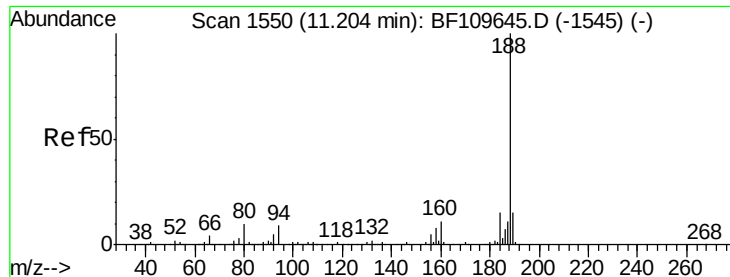
#62
Azobenzene
Concen: 47.677 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion: 77 Resp: 597221
Ion Ratio Lower Upper
77 100
182 22.0 4.3 44.3
105 20.7 1.3 41.3
51 29.2 9.0 49.0



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

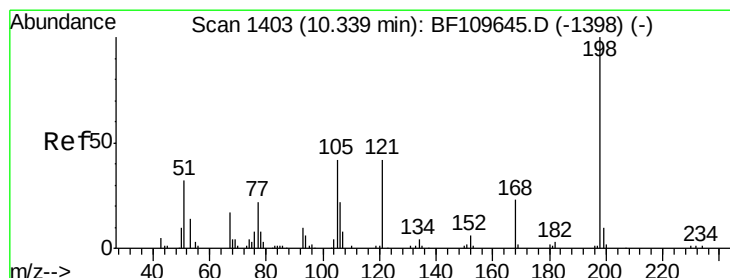
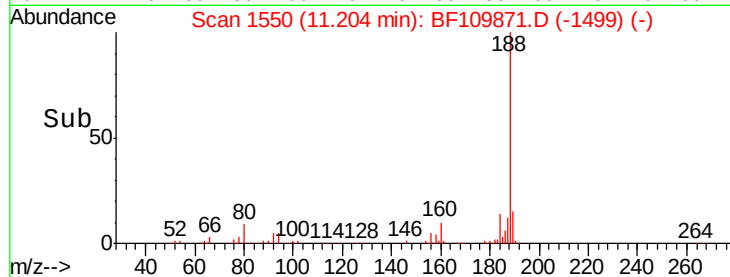
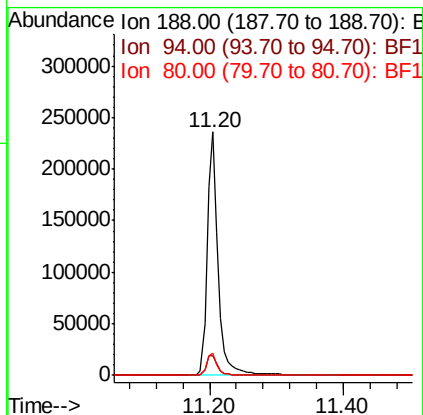
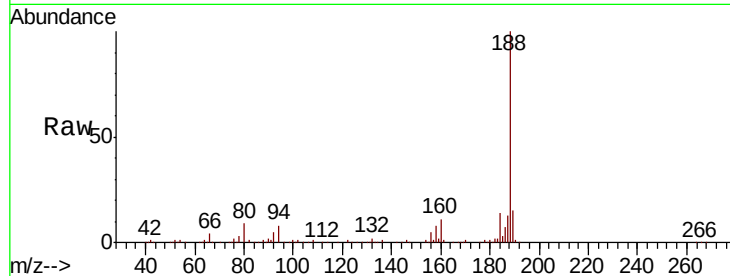




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

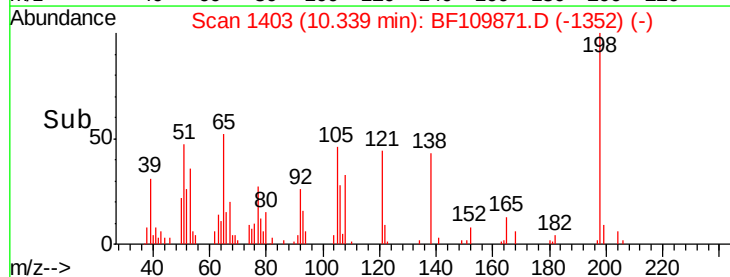
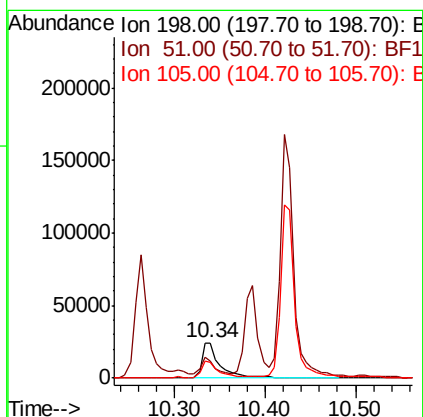
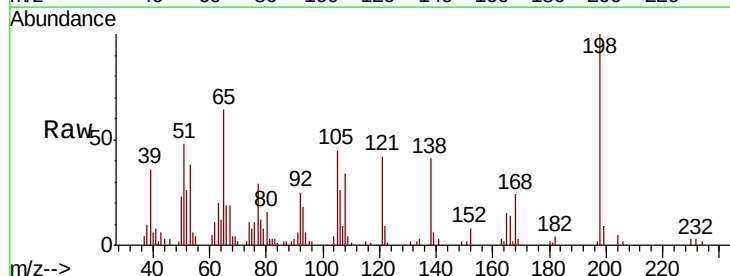
Instrument :
BNA_F
ClientSampleId :

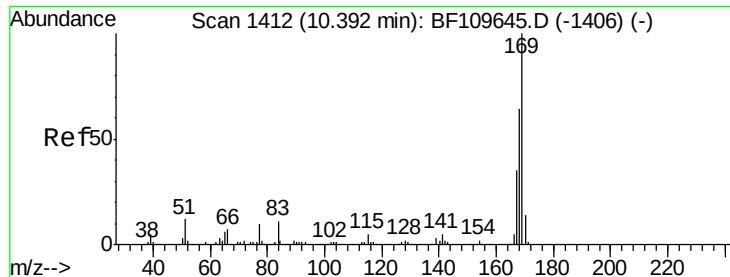
Tot Ion:188 Resp: 264334
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 27.160 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion:198 Resp: 34944
Ion Ratio Lower Upper
198 100
51 48.2 22.8 62.8
105 44.6 23.6 63.6

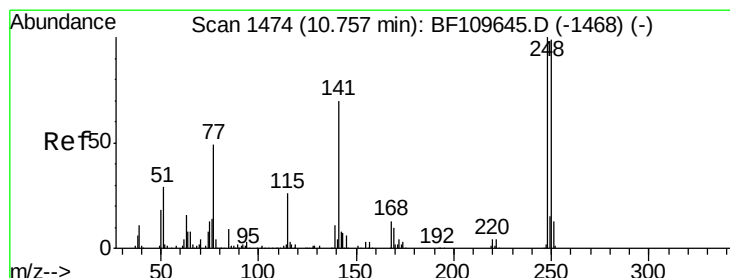
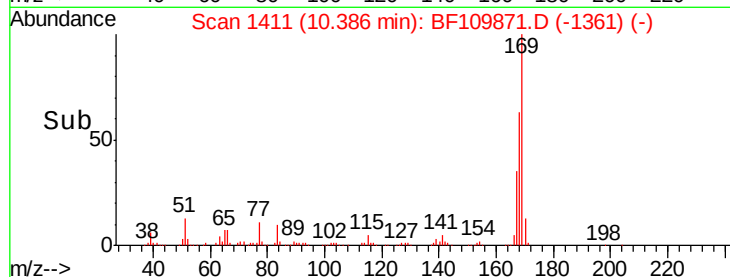
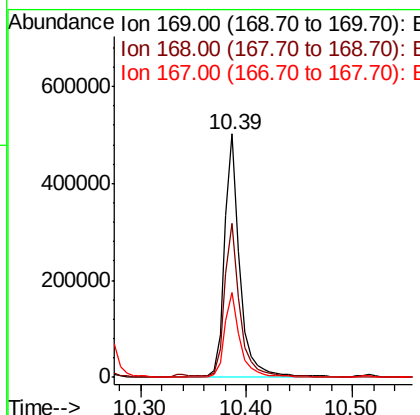
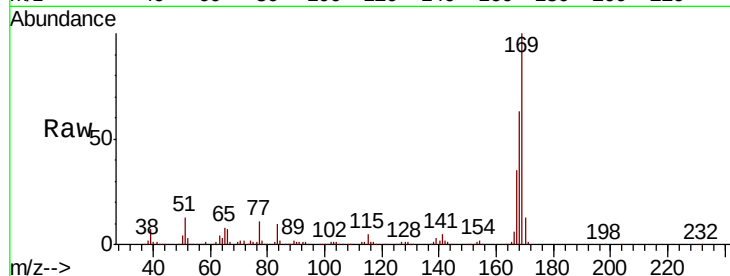




#65
n-Nitrosodiphenylamine
Concen: 56.052 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

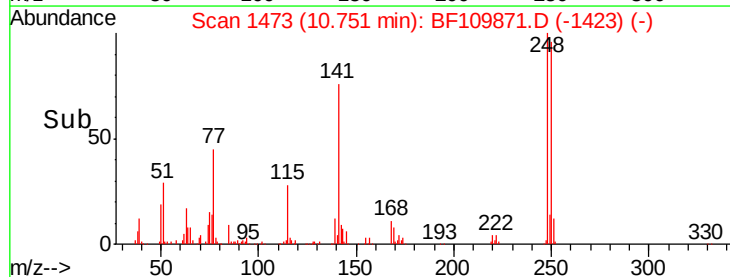
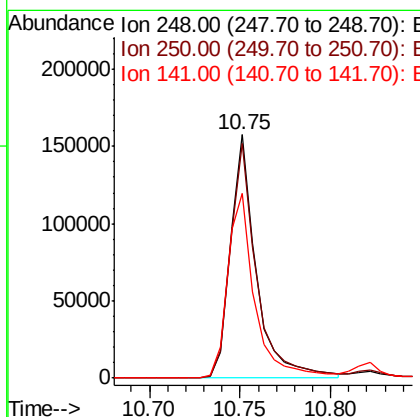
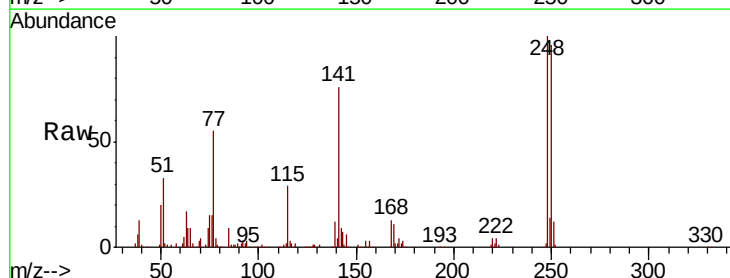
Instrument :
BNA_F
ClientSampleId :

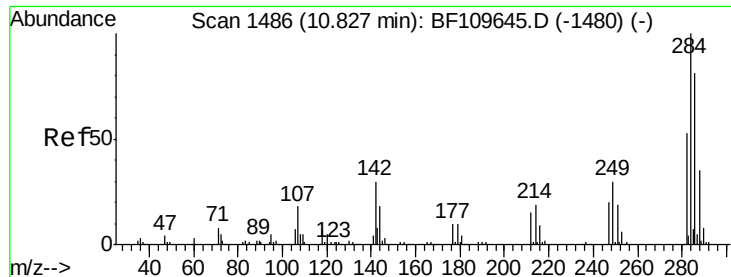
Tot Ion:169 Resp: 502277
Ion Ratio Lower Upper
169 100
168 63.2 51.2 76.8
167 34.7 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 51.895 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion:248 Resp: 157616
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.2
141 76.0 55.9 83.9





#67

Hexachlorobenzene

Concen: 47.537 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

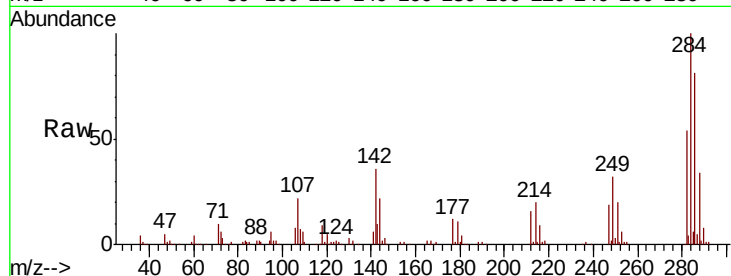
Tot Ion:284 Resp: 156345

Ion Ratio Lower Upper

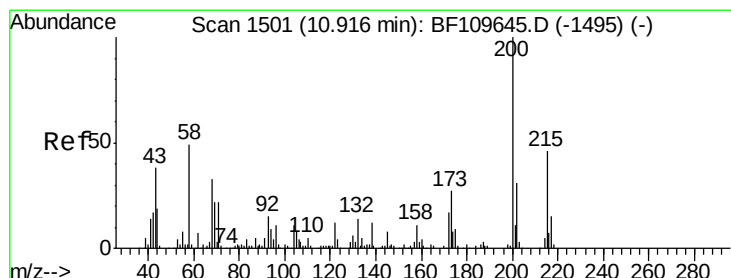
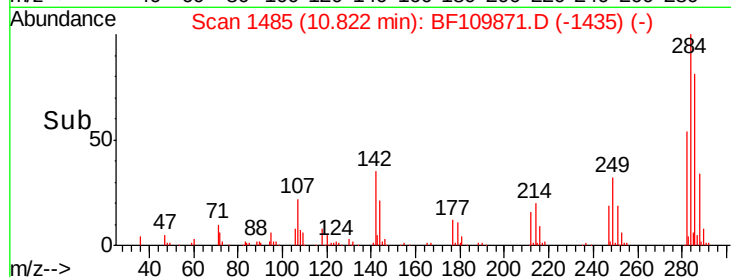
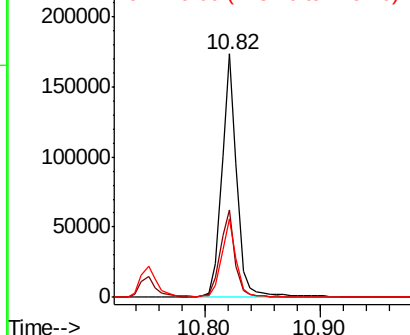
284 100

142 36.0 23.9 35.9#

249 32.1 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



#68

Atrazine

Concen: 55.533 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

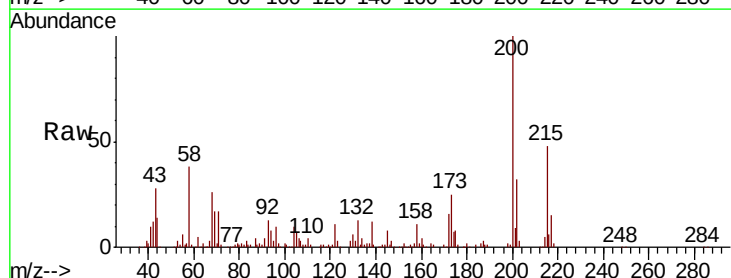
Tgt Ion:200 Resp: 155302

Ion Ratio Lower Upper

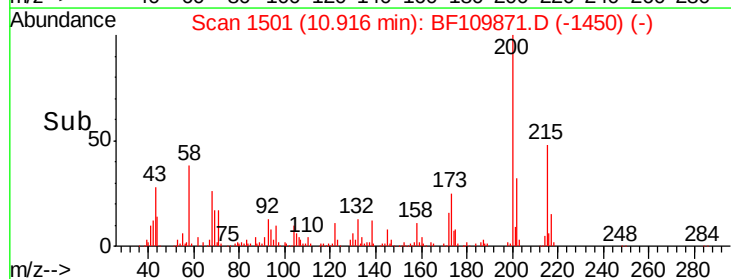
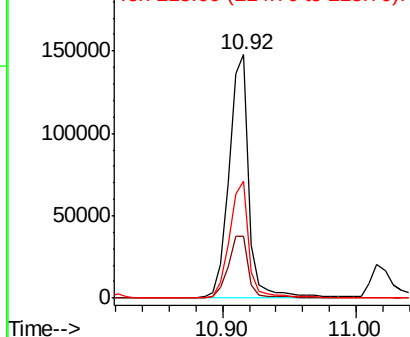
200 100

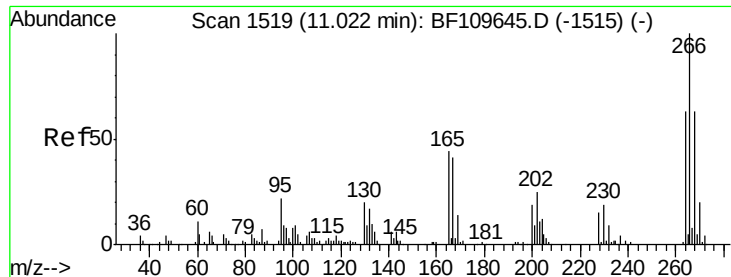
173 25.3 6.6 46.6

215 47.8 26.3 66.3



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

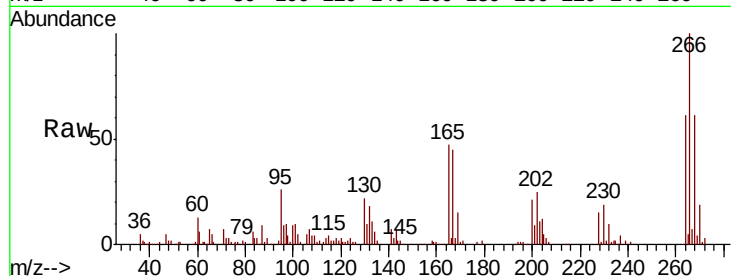




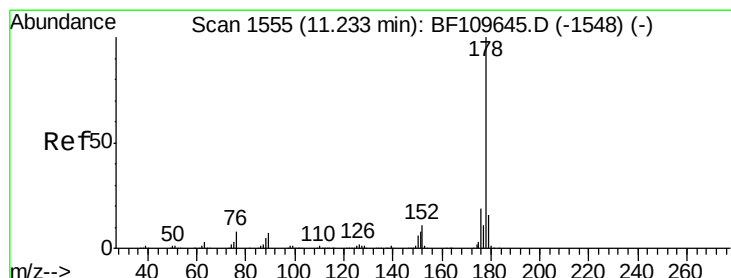
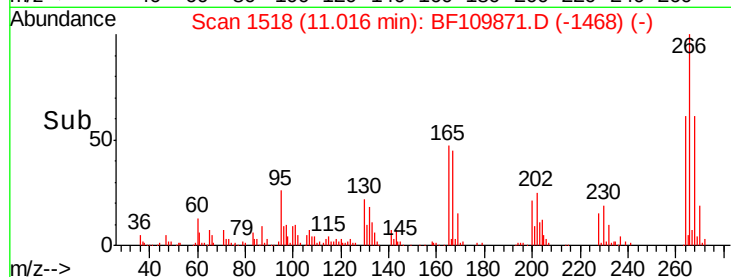
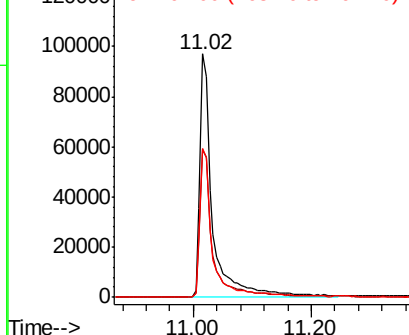
#69
 Pentachlorophenol
 Concen: 78.287 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 144882
 Ion Ratio Lower Upper
 266 100
 268 60.8 50.6 75.8
 264 61.0 50.6 75.8

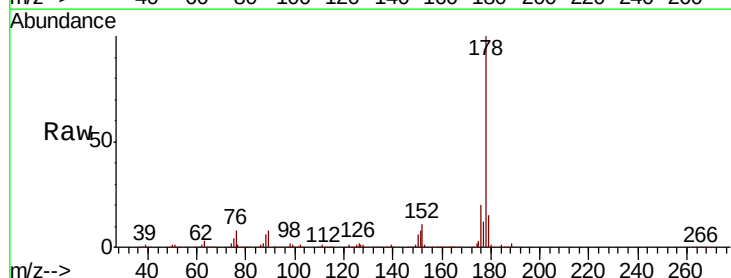


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

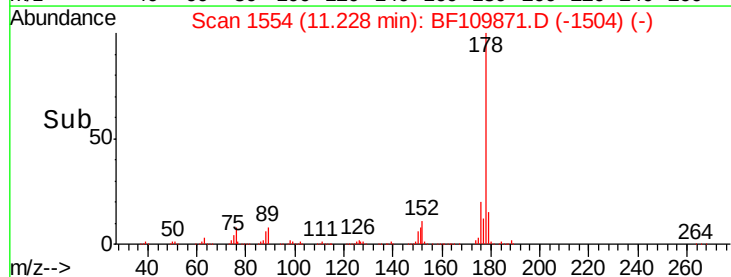
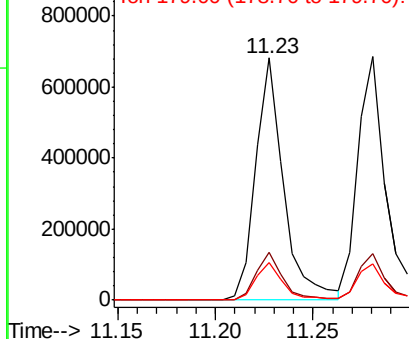


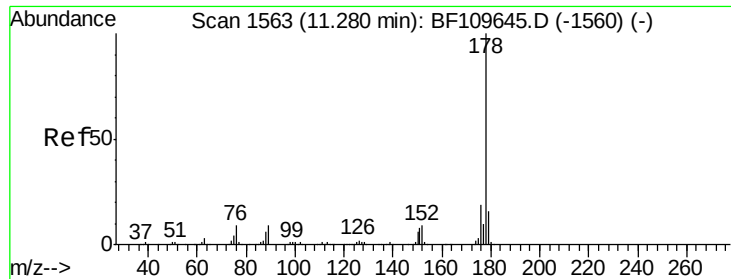
#70
 Phenanthrene
 Concen: 51.474 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:178 Resp: 680917
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.4 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

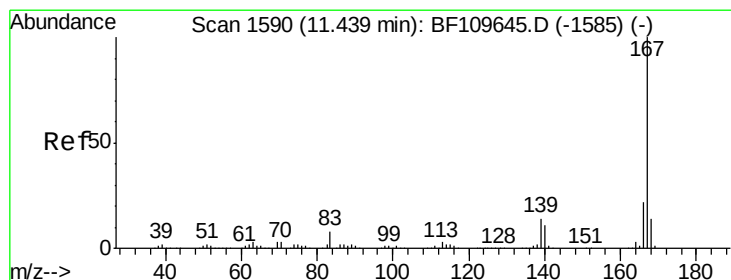
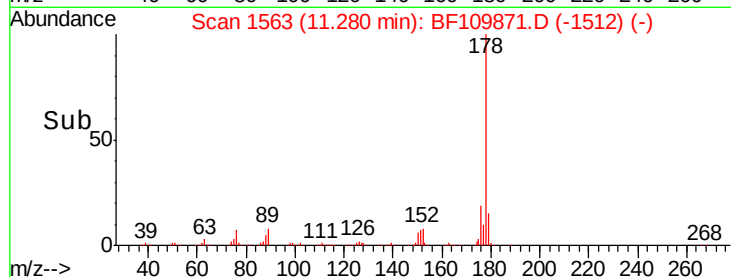
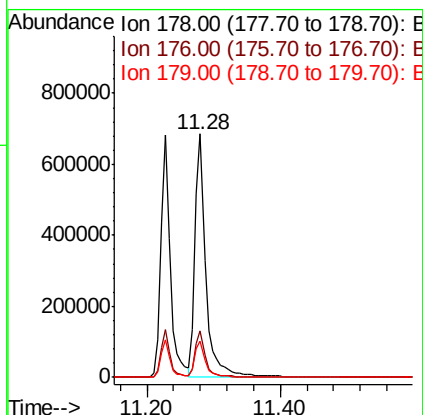
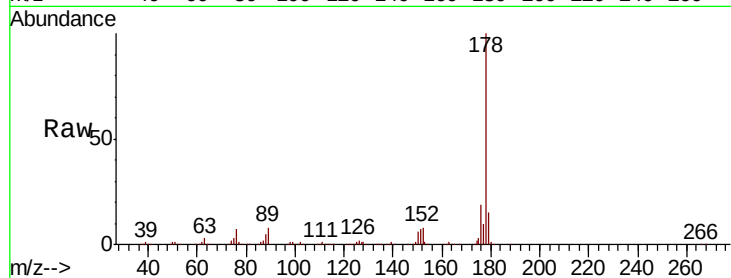




#71
 Anthracene
 Concen: 54.333 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

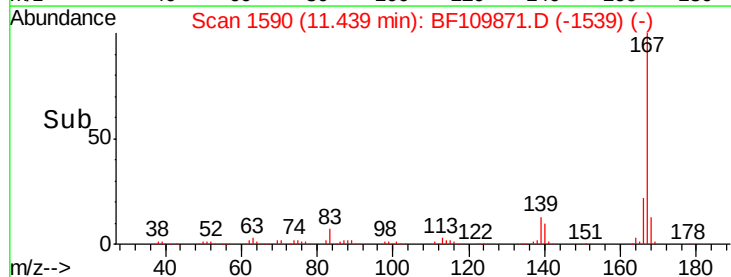
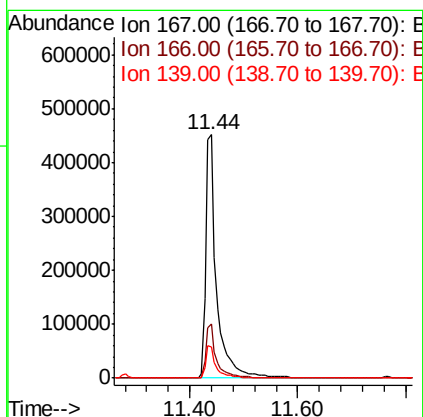
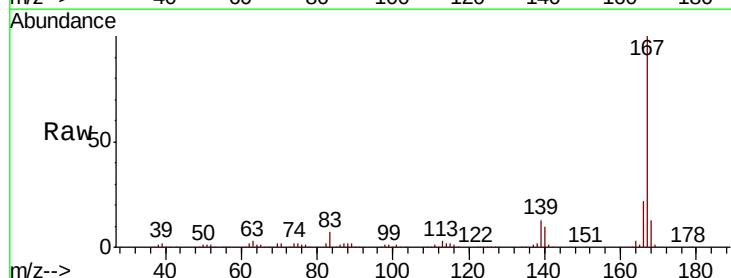
Instrument :
 BNA_F
 ClientSampleId :

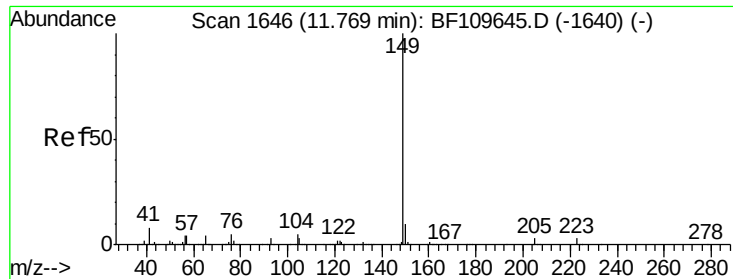
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	18.8



#72
 Carbazole
 Concen: 47.639 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 54.516 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

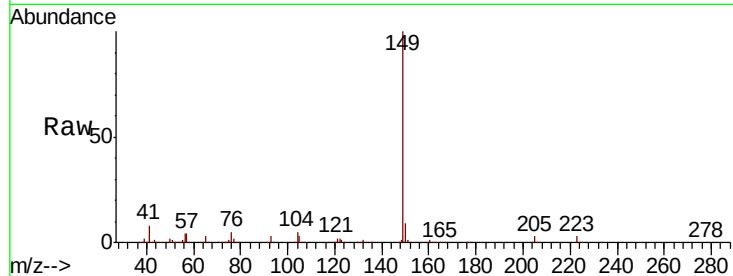
Tot Ion:149 Resp: 838588

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

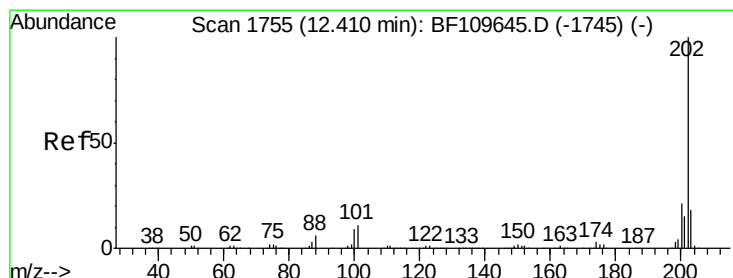
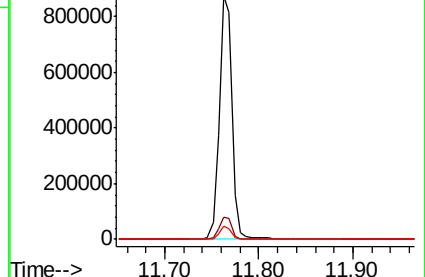
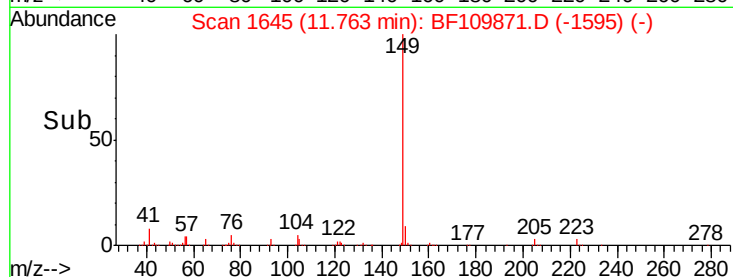
104 5.4 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.510 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

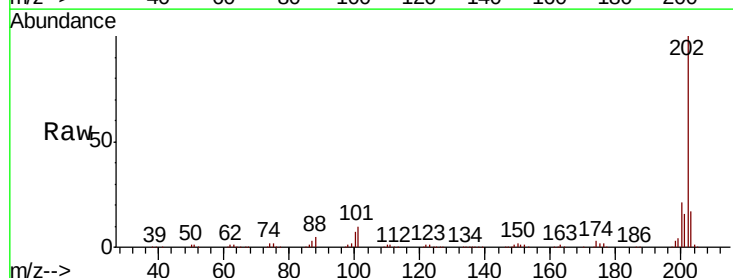
Tgt Ion:202 Resp: 656558

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

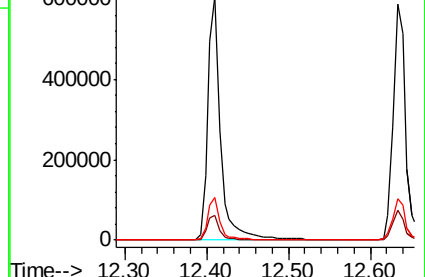
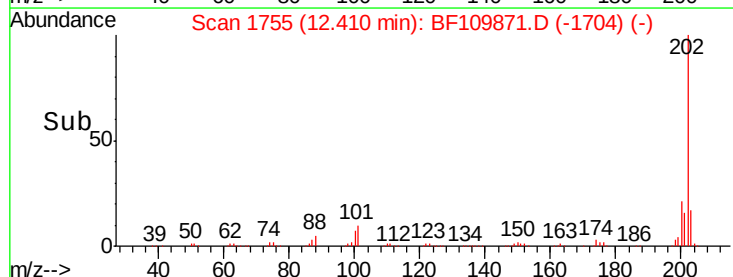
203 17.5 0.0 37.7

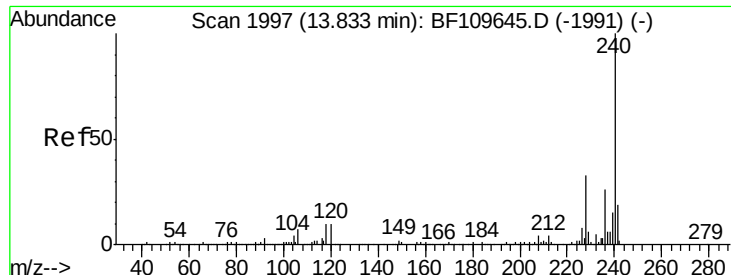


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

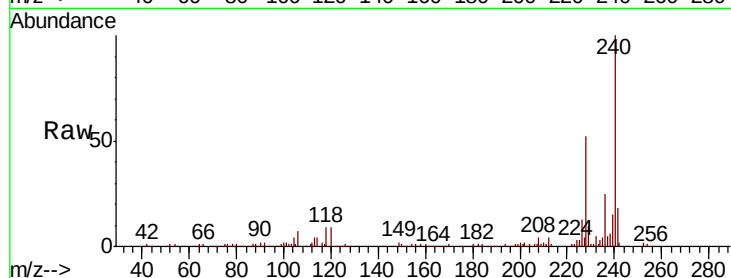
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 190437

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.3	12.5
236	24.8	21.2	31.8

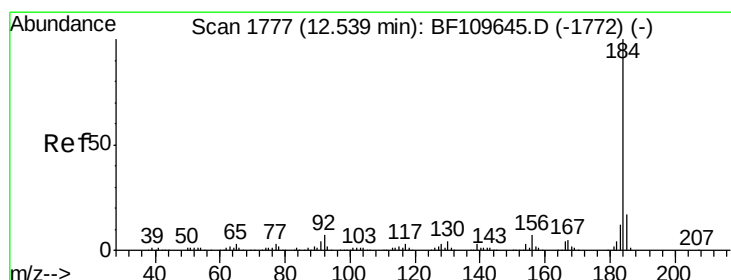
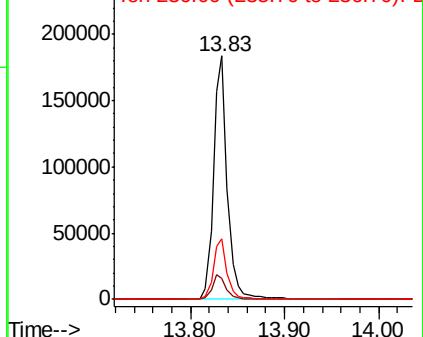
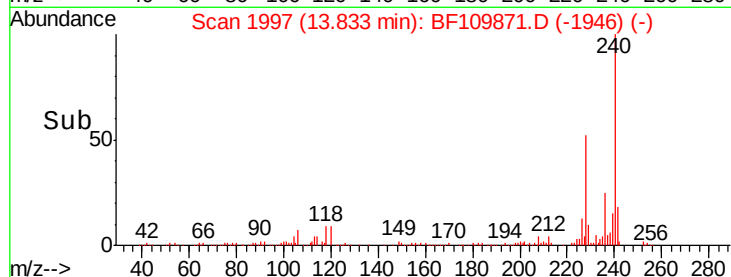


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.415 ng

RT: 12.54 min Scan# 1777

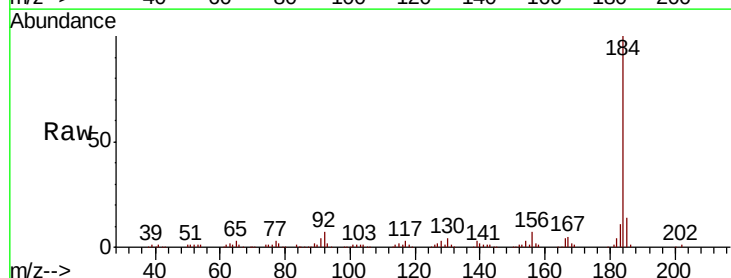
Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Tgt Ion:184 Resp: 349574

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.2
183	11.5	9.4	14.2

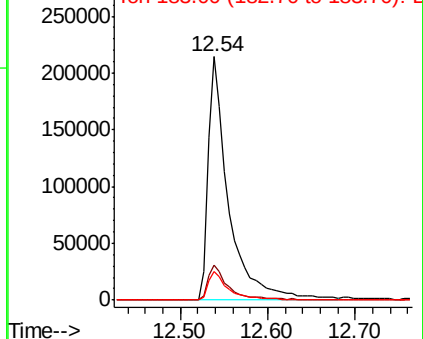
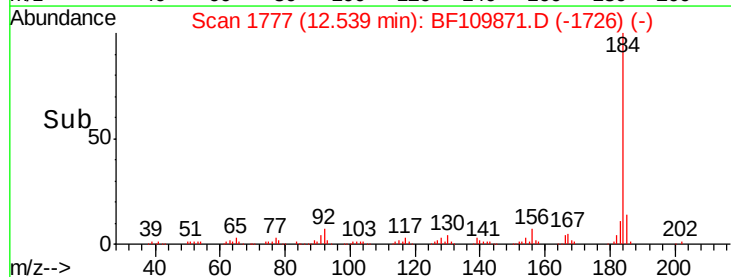


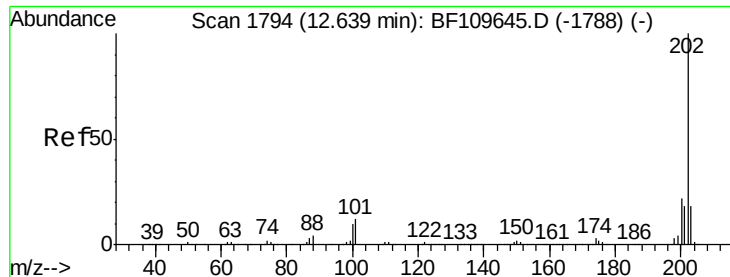
Abundance

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

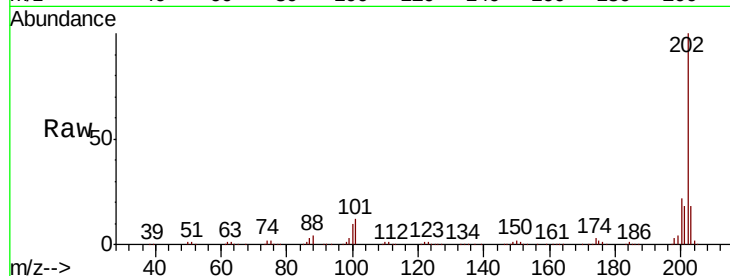




#77
Pvrene
Concen: 45.882 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	17.7	14.2	21.4

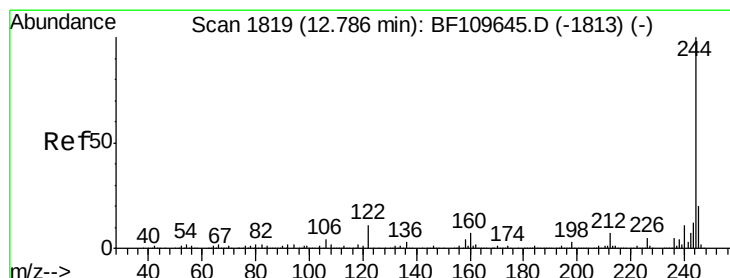
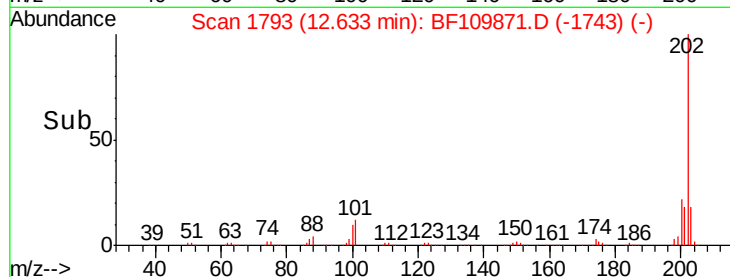
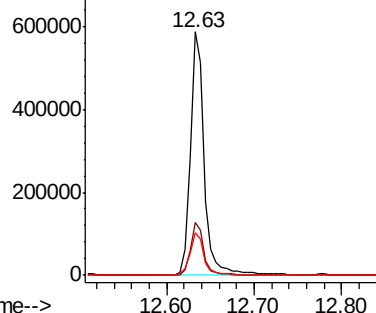


Abundance

Ion 202.00 (201.70 to 202.70): E

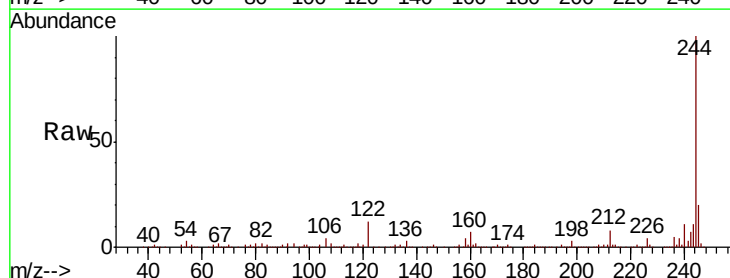
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 89.470 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	11.5	8.7	13.1

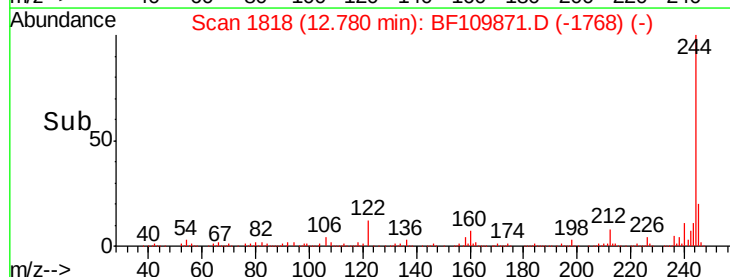
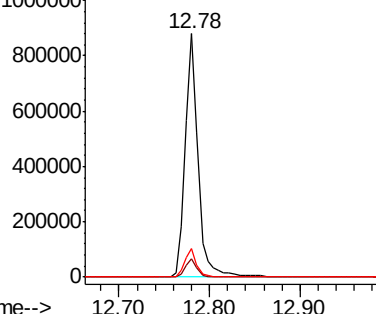


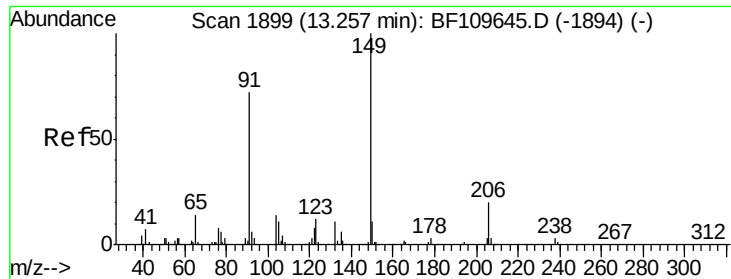
Abundance

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

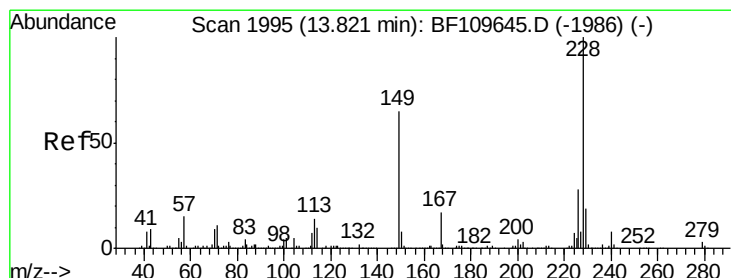
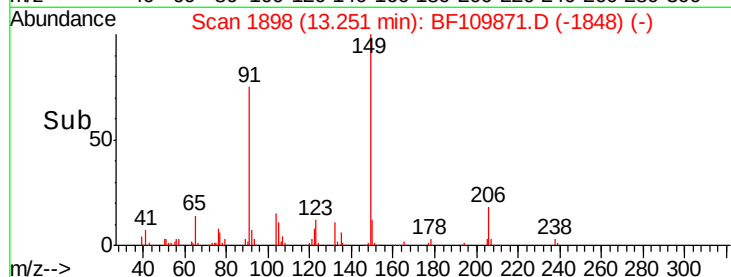
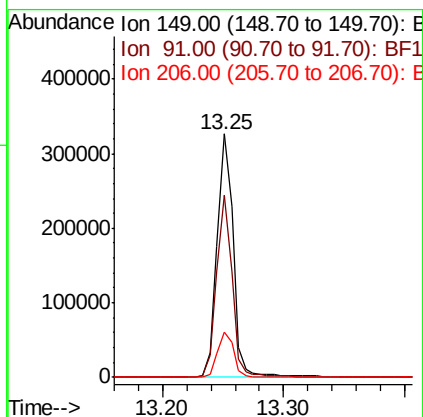
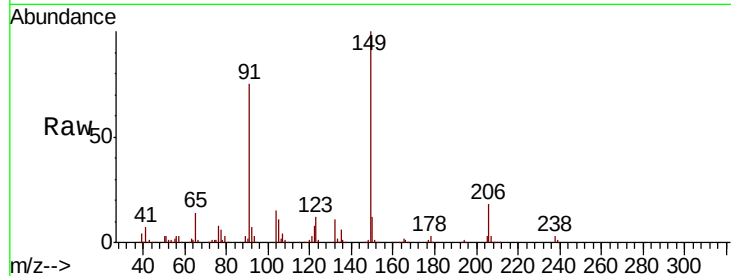




#79
Butylbenzylphthalate
Concen: 49.547 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

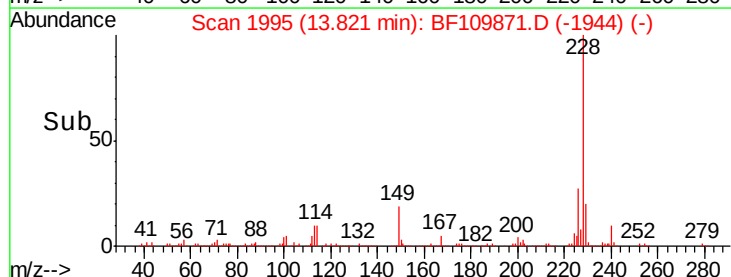
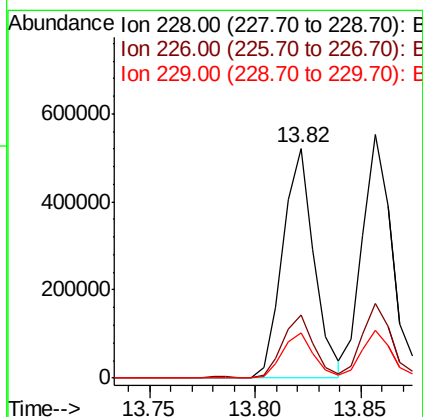
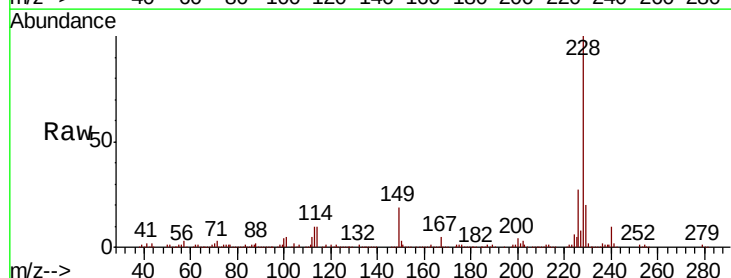
Instrument :
BNA_F
ClientSampleId :

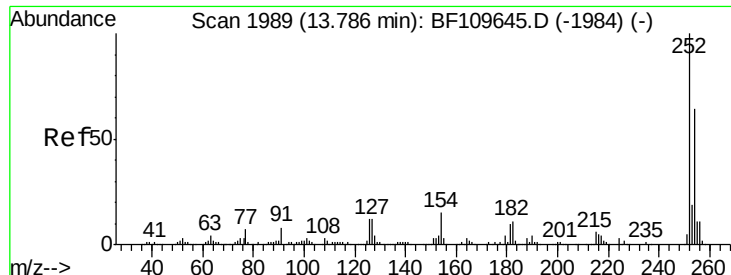
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.2	85.8
206	18.3	15.7	23.5



#80
Benzo(a)anthracene
Concen: 51.695 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109871.D
Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.6	15.6	23.4

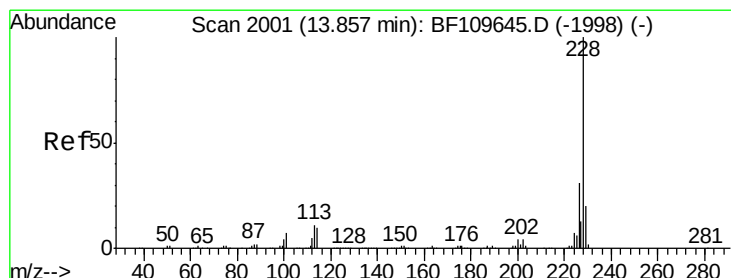
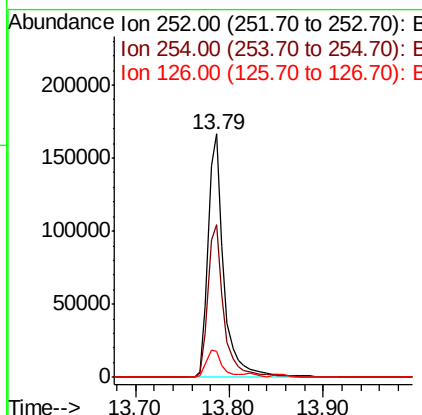
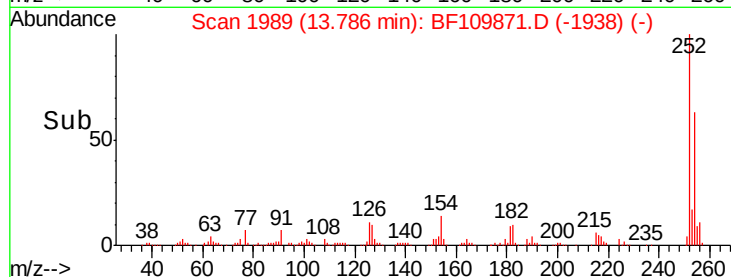
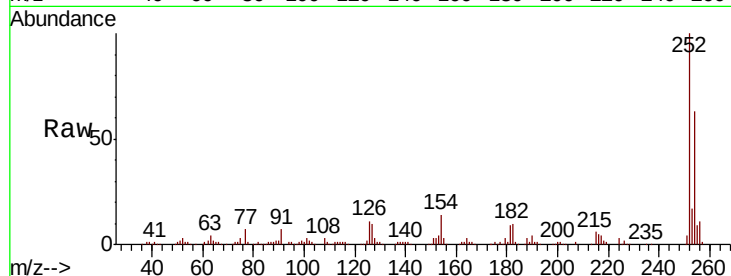




#81
 3,3'-Dichlorobenzidine
 Concen: 46.822 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

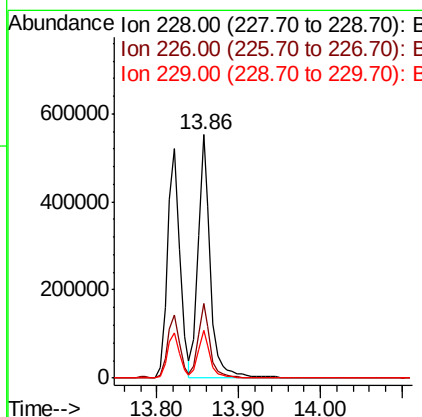
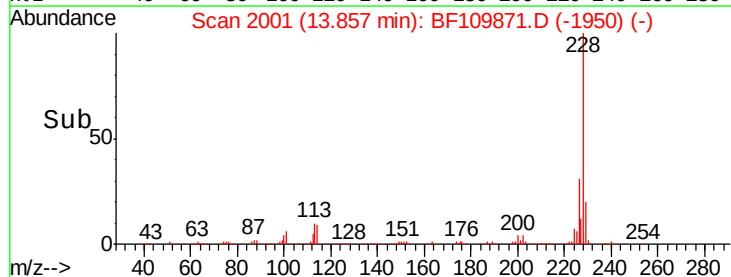
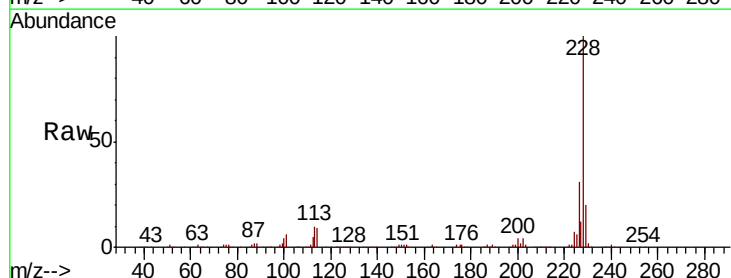
Instrument :
 BNA_F
 ClientSampleId :

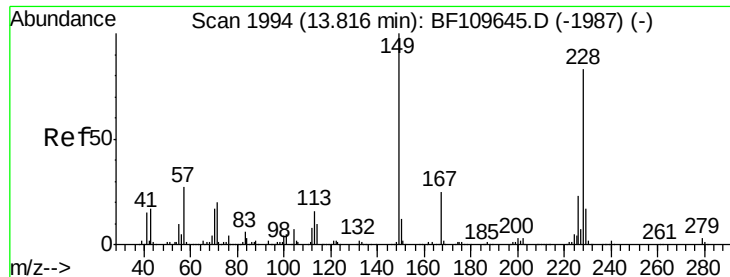
Tot Ion:252 Resp: 198128
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.3 76.9
 126 10.7 9.4 14.2



#82
 Chrysene
 Concen: 52.466 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:228 Resp: 579151
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 19.6 15.9 23.9

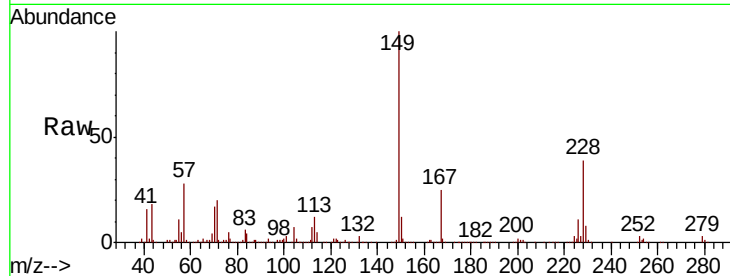




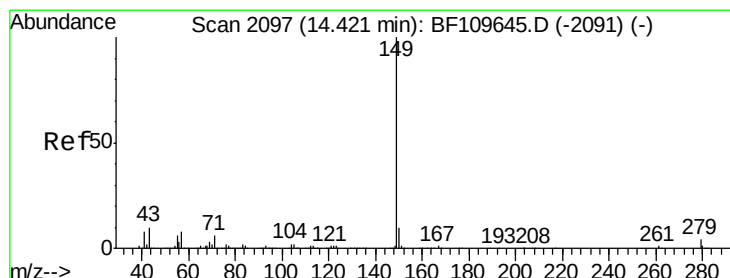
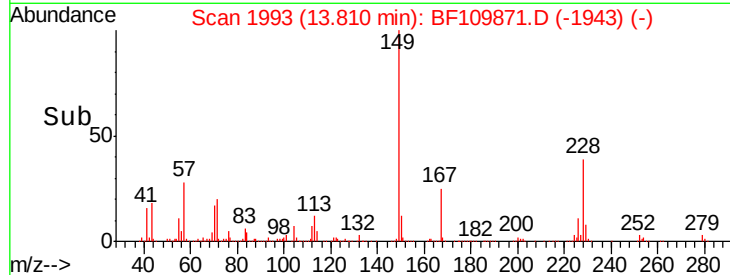
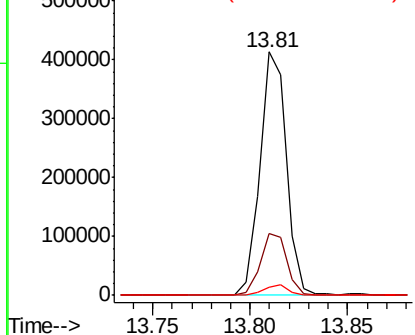
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.727 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 389140
 Ion Ratio Lower Upper
 149 100
 167 25.5 19.8 29.8
 279 3.3 2.7 4.1

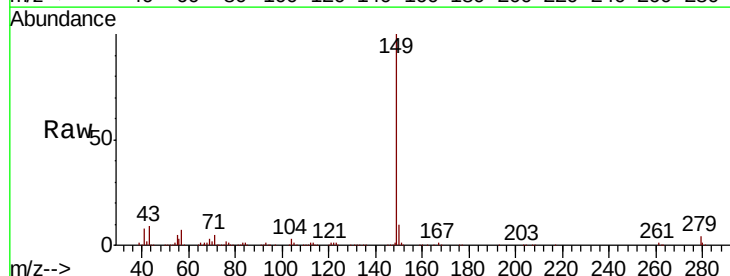


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

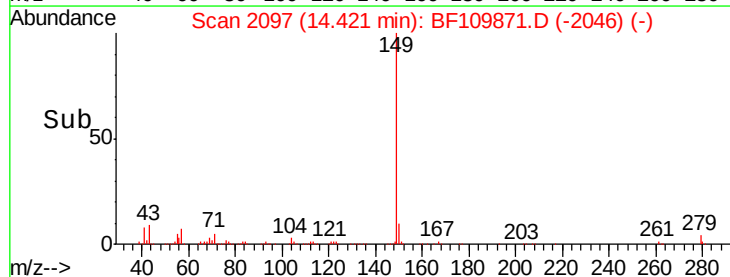
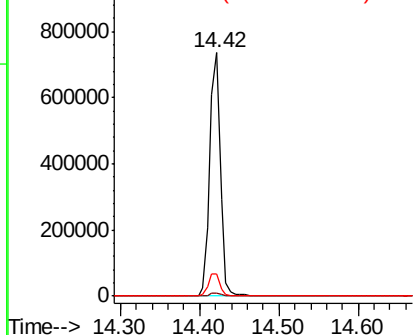


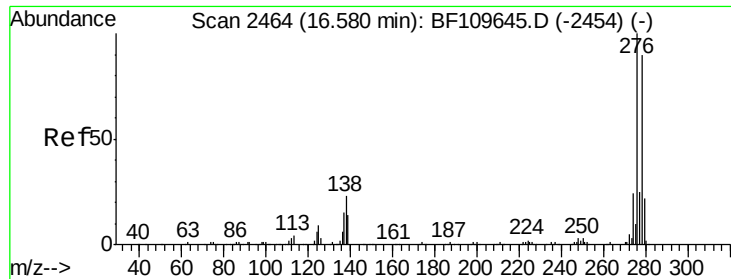
#84
 Di-n-octyl phthalate
 Concen: 59.275 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion:149 Resp: 691474
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.6 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

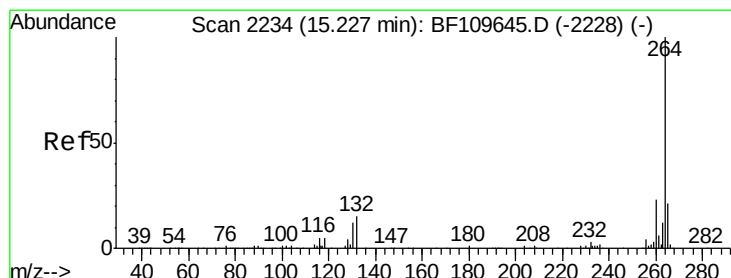
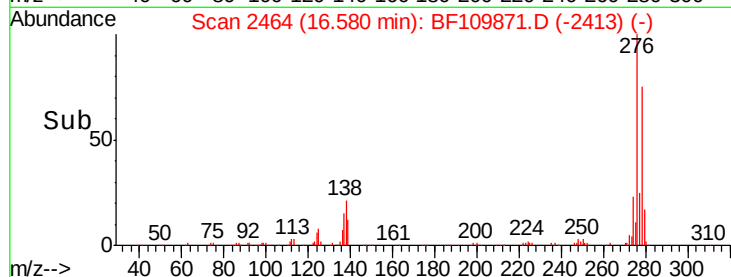
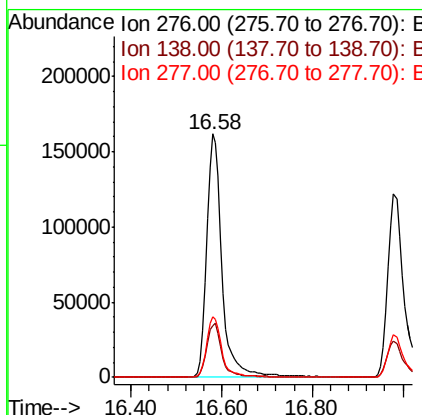
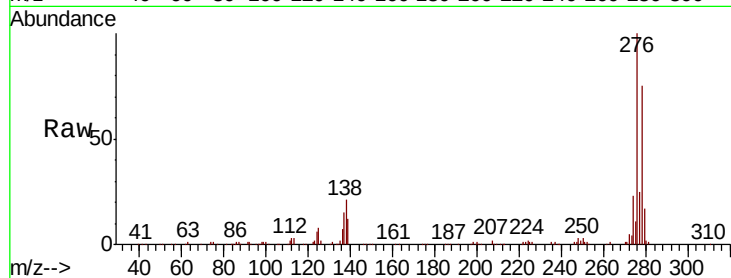




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.495 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

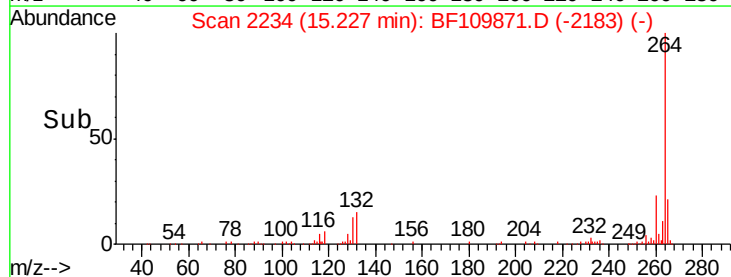
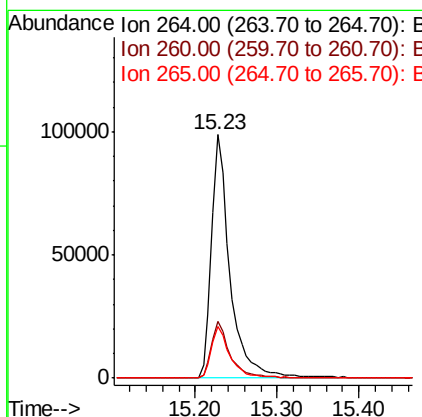
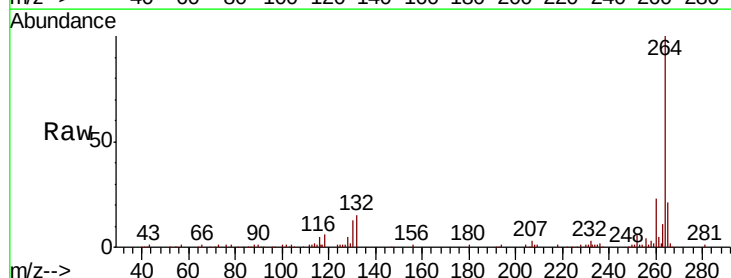
Instrument :
 BNA_F
 ClientSampleId :

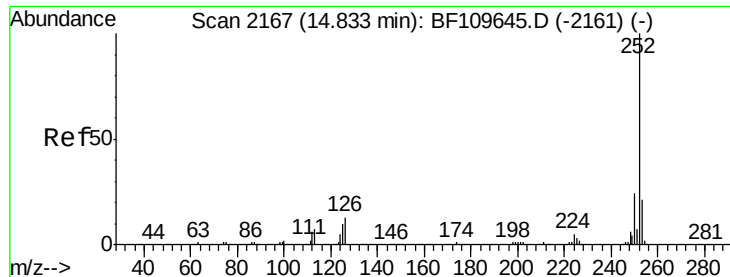
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.5	27.7
277	24.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109871.D
 Acq: 13 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 56.205 ng

RT: 14.83 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampled :

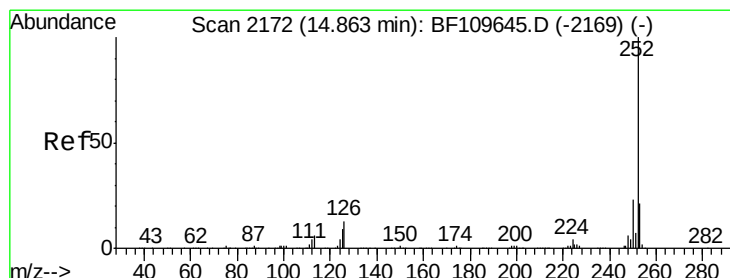
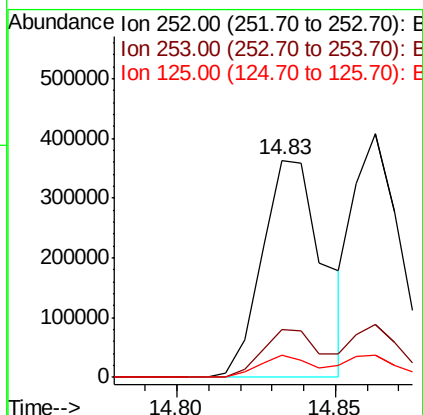
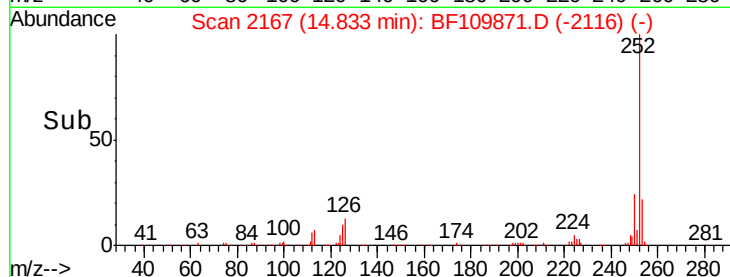
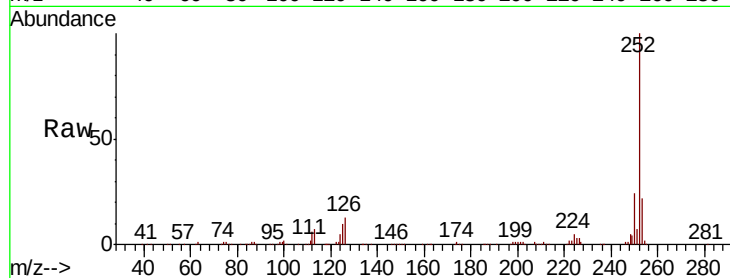
Tot Ion:252 Resp: 487231

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.5 8.2 12.4



#88

Benzo(k)fluoranthene

Concen: 53.446 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

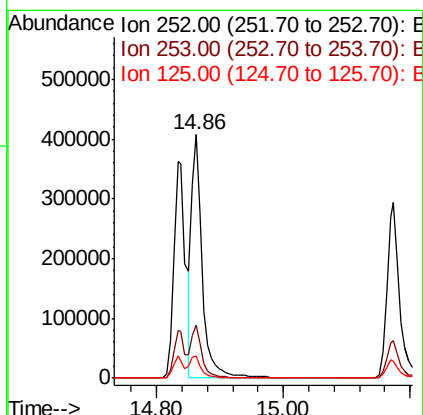
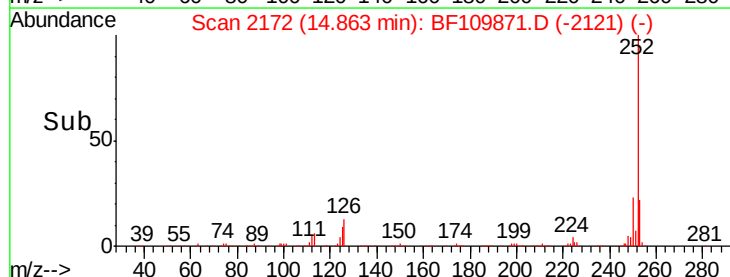
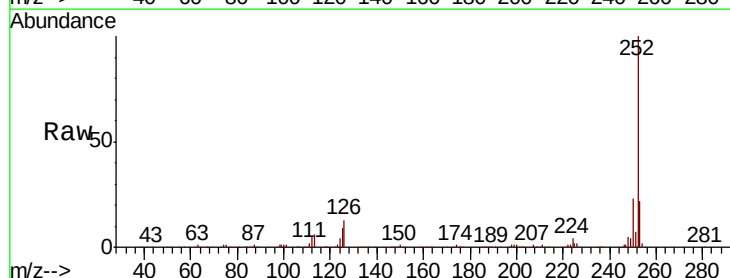
Tgt Ion:252 Resp: 465517

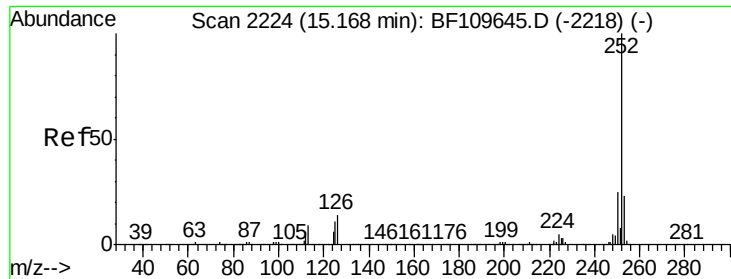
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.9 7.4 11.0





#89

Benzo(a)pyrene

Concen: 54.406 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

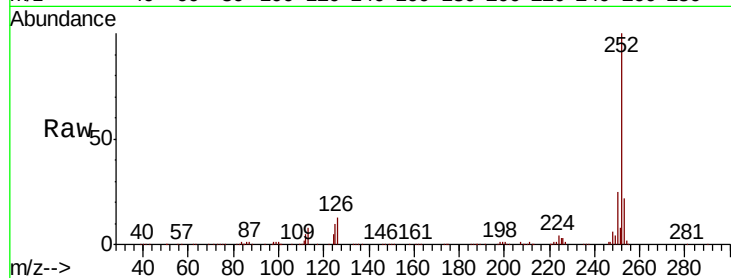
Tot Ion:252 Resp: 427997

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

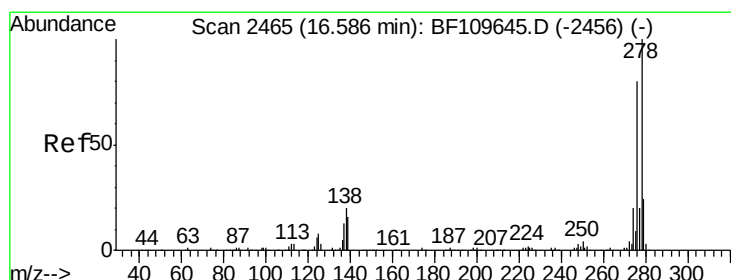
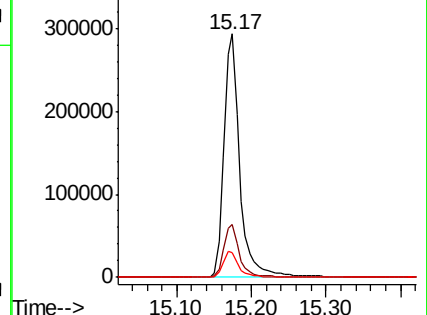
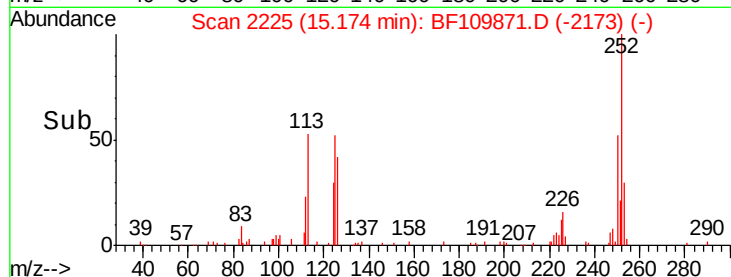
125 10.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.730 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

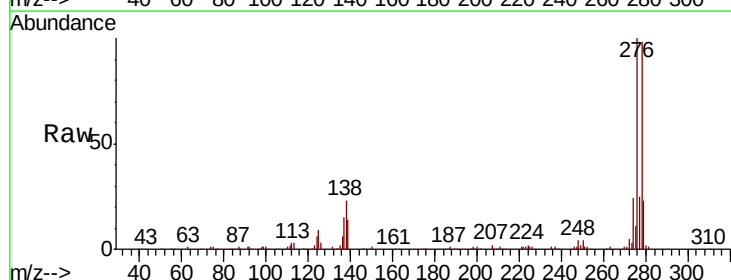
Tgt Ion:278 Resp: 327756

Ion Ratio Lower Upper

278 100

139 14.0 12.7 19.1

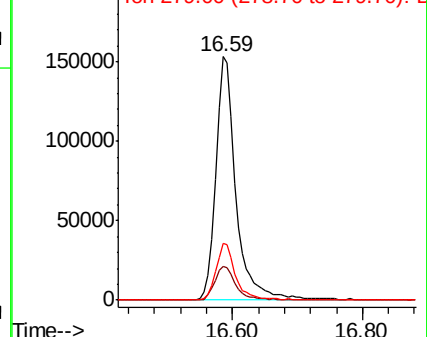
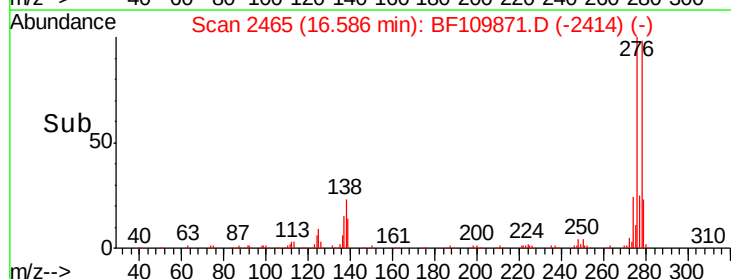
279 23.3 19.0 28.4

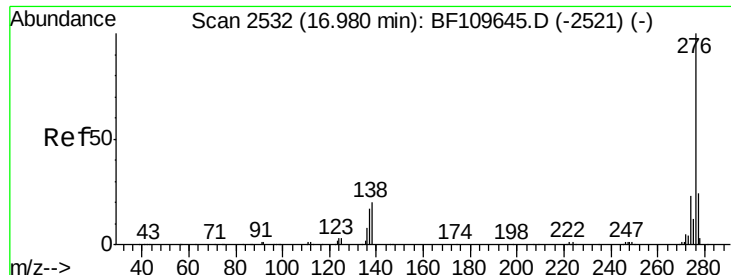


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.230 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

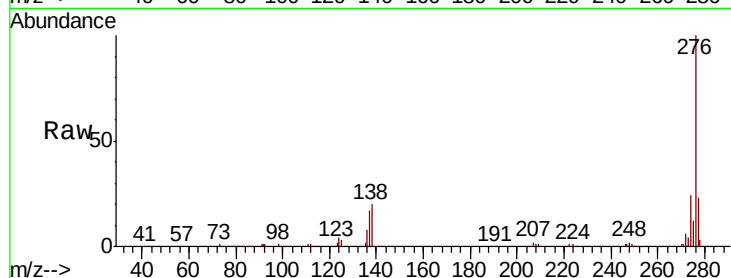
Lab File: BF109871.D

Acq: 13 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	317617
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	19.8	16.0	24.0

