

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109874.D
 Acq On : 13 Oct 2018 10:04
 Operator : JU/SJ
 Sample : PB113650BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Quant Time: Oct 15 01:21:58 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	6.69	152	103608	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	395723	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	167756	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	256118	20.00	ng	0.00
75) Chrysene-d12	13.83	240	181958	20.00	ng	0.00
86) Perylene-d12	15.23	264	148629	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	482134	82.60	ng	0.00
7) Phenol-d6	6.35	99	626628	80.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	615093	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	127467	69.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1057714	86.84	ng	0.00
78) Terphenyl-d14	12.78	244	711838	75.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	92251	30.114	ng	96
3) Pyridine	3.19	79	217620	34.433	ng	99
4) n-Nitrosodimethylamine	3.13	42	100825	44.198	ng	94
6) Aniline	6.36	93	151884	16.721	ng	# 1
8) 2-Chlorophenol	6.49	128	296572	41.313	ng	99
9) Benzaldehyde	6.24	77	134298	26.765	ng	99
10) Phenol	6.36	94	333639	37.314	ng	# 75
11) bis(2-Chloroethyl)ether	6.43	93	246119	33.202	ng	99
12) 1,3-Dichlorobenzene	6.63	146	310892	37.865	ng	97
13) 1,4-Dichlorobenzene	6.71	146	338685	37.842	ng	98
14) 1,2-Dichlorobenzene	6.86	146	292930	37.268	ng	99
15) Benzyl Alcohol	6.85	79	230305	39.840	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	371345	37.780	ng	99
17) 2-Methylphenol	6.97	107	225158	39.663	ng	97
18) Hexachloroethane	7.20	117	114571	36.216	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	210328	38.464	ng	100
20) 3+4-Methylphenols	7.12	107	283434	40.519	ng	94
22) Acetophenone	7.11	105	424250	44.334	ng	100
24) Nitrobenzene	7.28	77	302738	40.527	ng	99
25) Isophorone	7.52	82	563767	47.292	ng	98
26) 2-Nitrophenol	7.60	139	144812	41.445	ng	95
27) 2,4-Dimethylphenol	7.65	122	240348	47.635	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	356015	44.152	ng	99
29) 2,4-Dichlorophenol	7.85	162	233919	41.332	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	253760	40.503	ng	99
31) Naphthalene	8.00	128	830355	45.372	ng	99
32) Benzoic acid	7.79	122	133859	37.106	ng	96
33) 4-Chloroaniline	8.06	127	57092	7.084	ng	97
34) Hexachlorobutadiene	8.12	225	156634	40.210	ng	100
35) Caprolactam	8.43	113	69403	41.062	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	241054	40.350	ng	99
37) 2-Methylnaphthalene	8.69	142	520317	43.404	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	247220	43.293	ng	99
40) Hexachlorocyclopentadiene	8.84	237	66245	31.311	ng	99

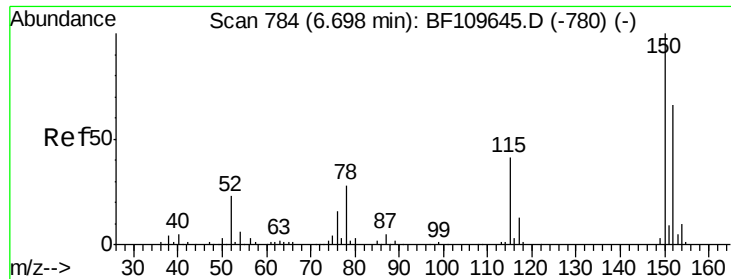
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	143292	41.976	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	162013	41.277	nq	97
45) 1,1'-Biphenyl	9.15	154	628518	41.939	nq	100
46) 2-Chloronaphthalene	9.17	162	478279	42.598	nq	100
47) 2-Nitroaniline	9.27	65	145515	42.803	nq	95
48) Acenaphthylene	9.59	152	716376	43.765	nq	99
49) Dimethylphthalate	9.46	163	563605	45.809	nq	100
50) 2,6-Dinitrotoluene	9.52	165	113379	42.513	nq	93
51) Acenaphthene	9.76	154	393782	40.582	nq	100
52) 3-Nitroaniline	9.69	138	54389	18.193	nq	97
53) 2,4-Dinitrophenol	9.80	184	24570	28.555	nq	# 66
54) Dibenzofuran	9.93	168	593740	40.821	nq	99
55) 4-Nitrophenol	9.87	139	103634	63.331	nq	89
56) 2,4-Dinitrotoluene	9.92	165	133539	40.123	nq	91
57) Fluorene	10.27	166	458108	42.176	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130938	41.039	nq	95
59) Diethylphthalate	10.15	149	538674	44.189	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	229502	40.050	nq	99
61) 4-Nitroaniline	10.30	138	85694	30.952	nq	99
62) Azobenzene	10.42	77	501499	40.512	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	24612	19.744	nq	82
65) n-Nitrosodiphenylamine	10.39	169	422852	48.702	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	133468	45.354	nq	96
67) Hexachlorobenzene	10.82	284	131038	41.121	nq	99
68) Atrazine	10.91	200	134794	49.746	nq	98
69) Pentachlorophenol	11.02	266	106832	59.578	nq	99
70) Phenanthrene	11.23	178	555002	43.302	nq	99
71) Anthracene	11.28	178	611919	46.185	nq	99
72) Carbazole	11.44	167	518574	40.355	nq	99
73) Di-n-butylphthalate	11.76	149	702754	47.151	nq	99
74) Fluoranthene	12.41	202	539976	40.327	nq	98
76) Benzidine	12.54	184	247203	36.572	nq	98
77) Pyrene	12.63	202	521413	39.112	nq	99
79) Butylbenzylphthalate	13.25	149	241033	41.702	nq	98
80) Benzo(a)anthracene	13.82	228	448657	44.682	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	159389	39.422	nq	98
82) Chrysene	13.86	228	473634	44.907	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	324004	45.947	nq	98
84) Di-n-octyl phthalate	14.42	149	571773	51.298	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	320380	42.439	nq	100
87) Benzo(b)fluoranthene	14.83	252	348704	42.455	nq	98
88) Benzo(k)fluoranthene	14.86	252	439240	53.225	nq	100
89) Benzo(a)pyrene	15.17	252	347581	46.633	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	268430	43.851	nq	99
91) Benzo(g,h,i)perylene	16.98	276	257912	42.192	nq	99

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

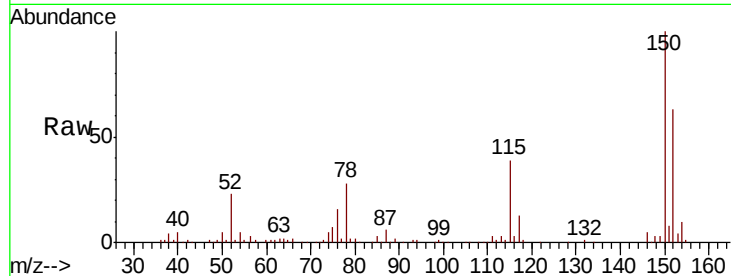


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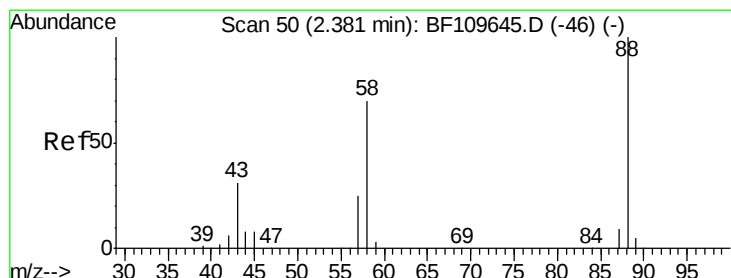
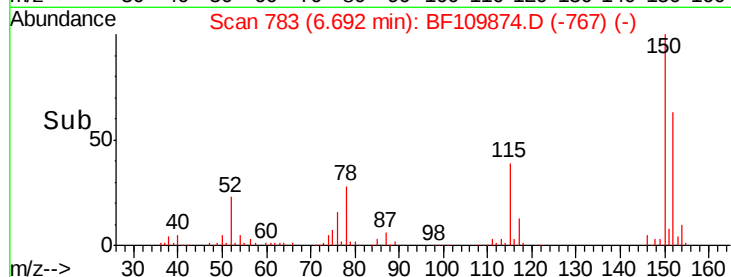
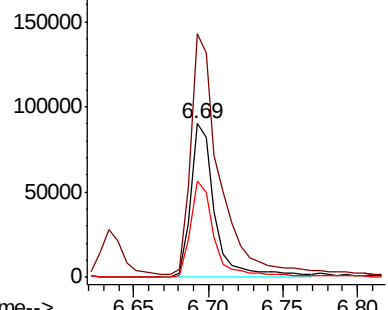
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion:152 Resp: 103608
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 62.5 49.1 73.7



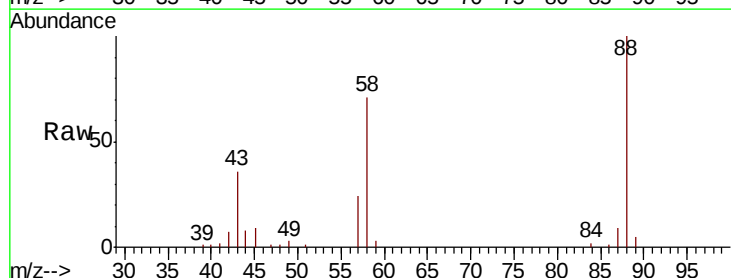
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



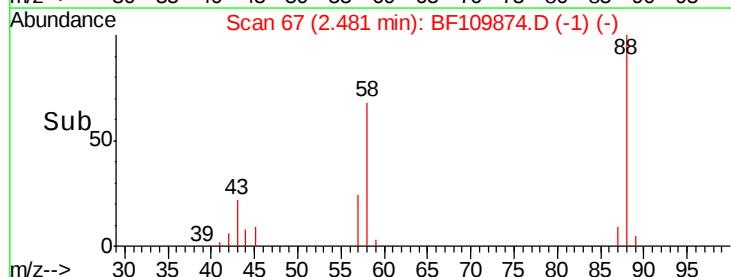
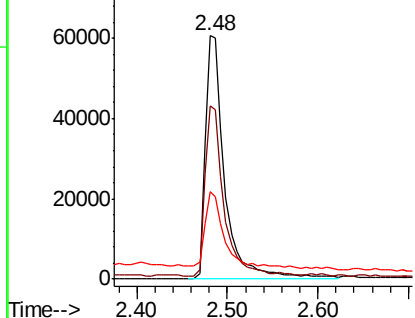
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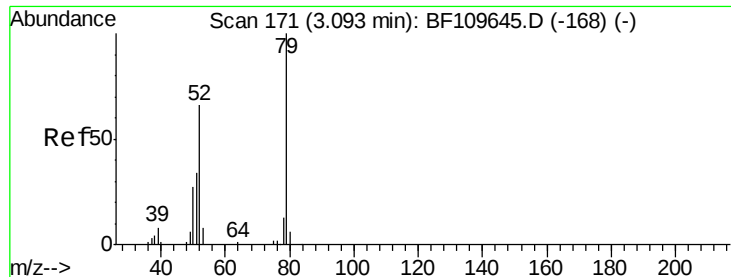
1,4-Dioxane
Concen: 30.114 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.10 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion: 88 Resp: 92251
Ion Ratio Lower Upper
88 100
58 67.3 57.1 85.7
43 29.0 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

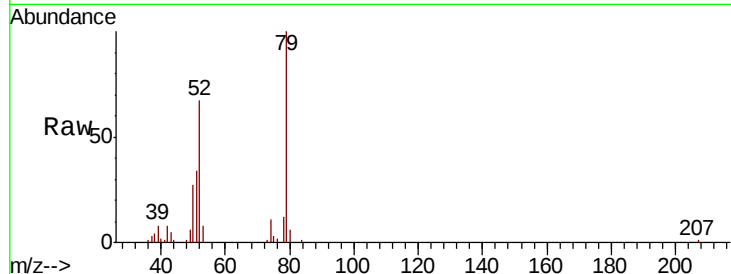




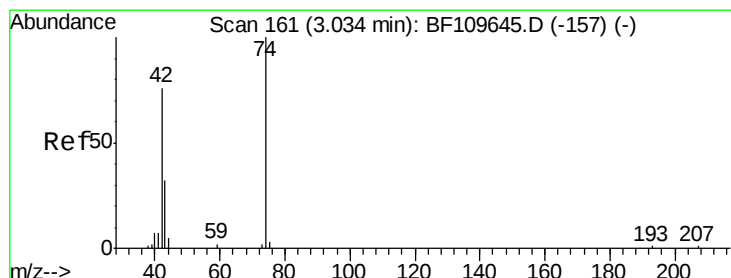
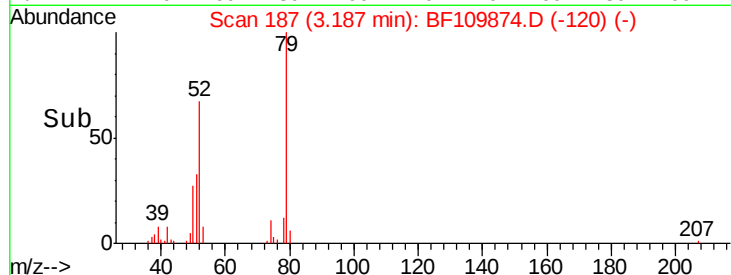
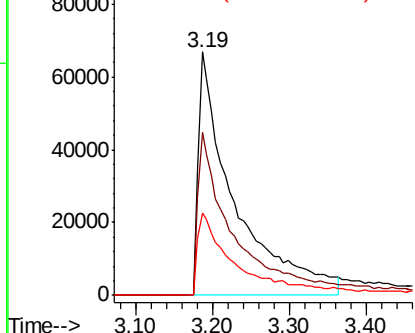
#3
 Pvridine
 Concen: 34.433 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.09 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion: 79 Resp: 217620
 Ion Ratio Lower Upper
 79 100
 52 67.0 53.1 79.7
 51 33.9 27.4 41.2

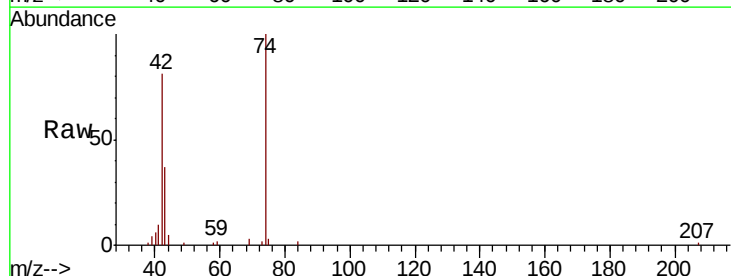


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

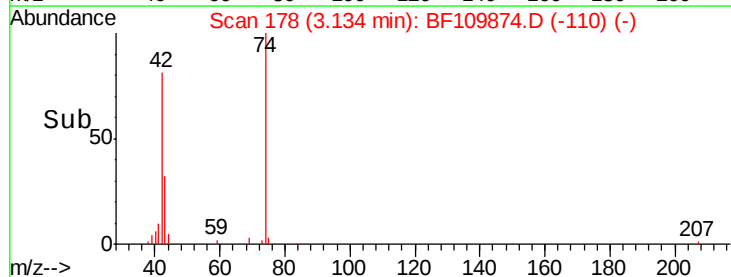
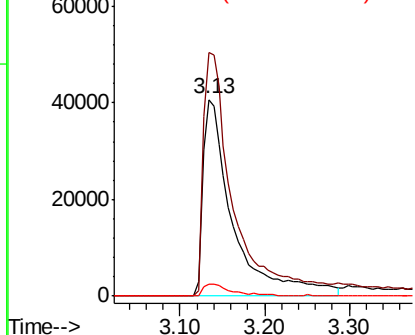


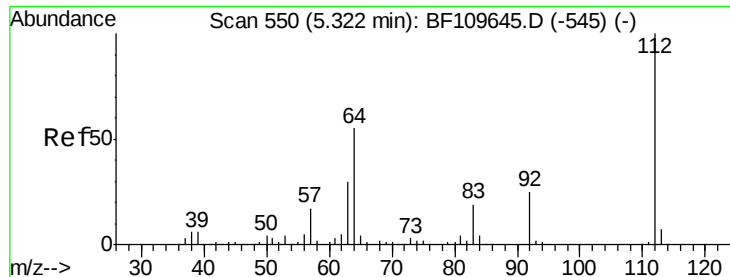
#4
 n-Nitrosodimethylamine
 Concen: 44.198 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.10 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion: 42 Resp: 100825
 Ion Ratio Lower Upper
 42 100
 74 123.9 105.5 158.3
 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: 82.600 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

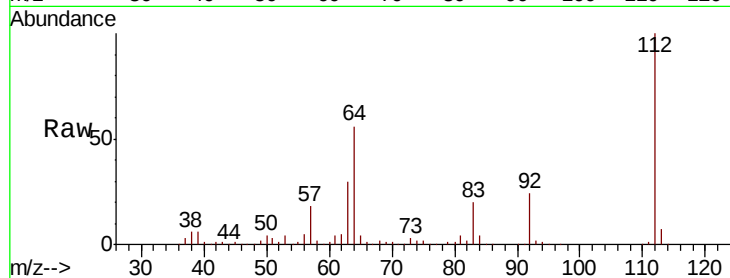
Tot Ion:112 Resp: 482134

Ion Ratio Lower Upper

112 100

64 55.7 44.1 66.1

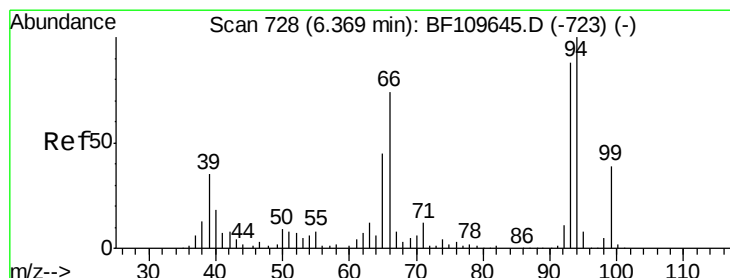
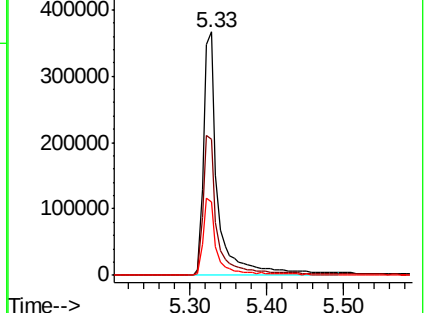
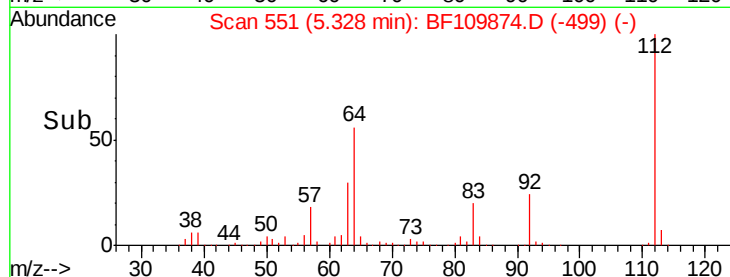
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.721 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

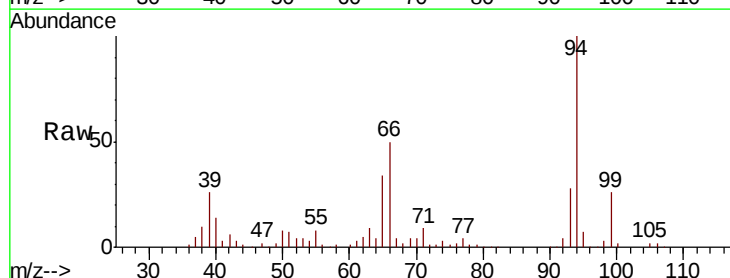
Tgt Ion: 93 Resp: 151884

Ion Ratio Lower Upper

93 100

66 175.5 67.4 101.0#

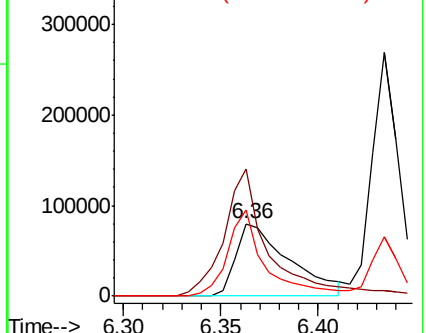
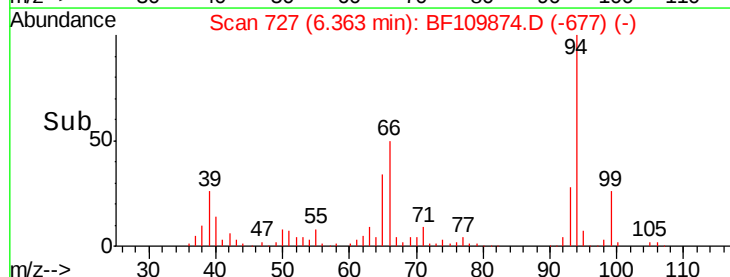
65 119.7 41.0 61.4#

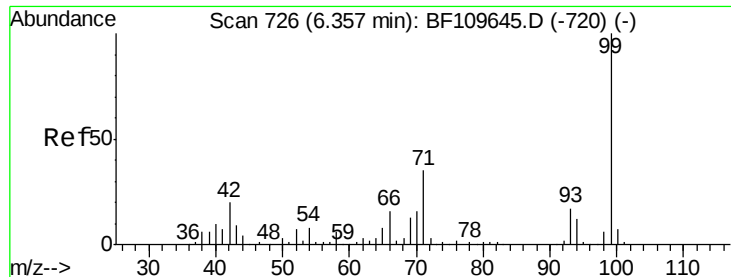


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.362 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

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PB113650BS

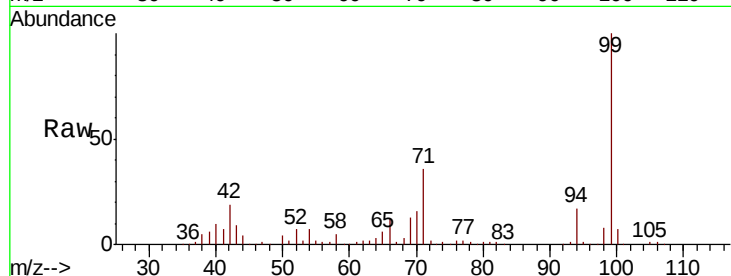
Tot Ion: 99 Resp: 626628

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

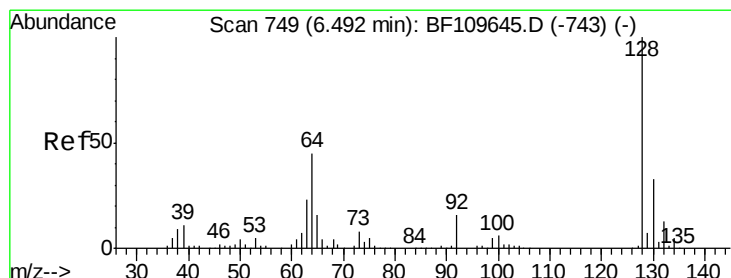
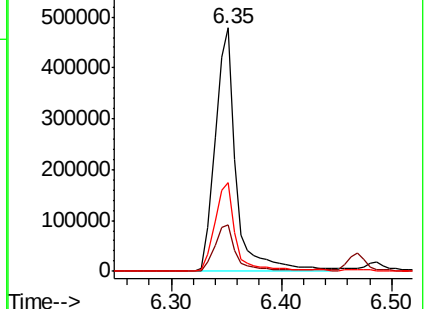
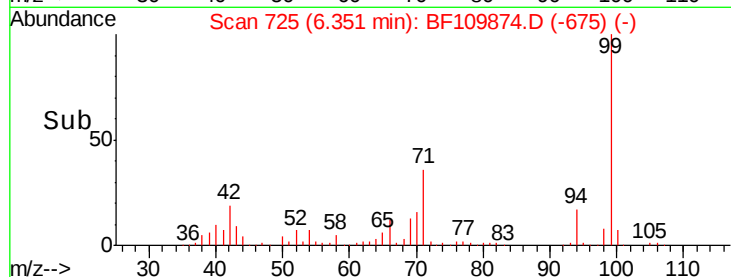
71 36.2 28.0 42.0



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: 41.313 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

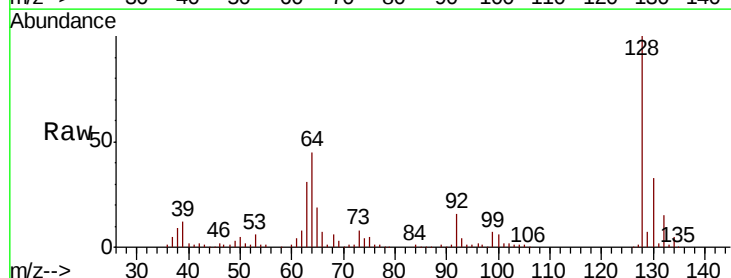
Tgt Ion: 128 Resp: 296572

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

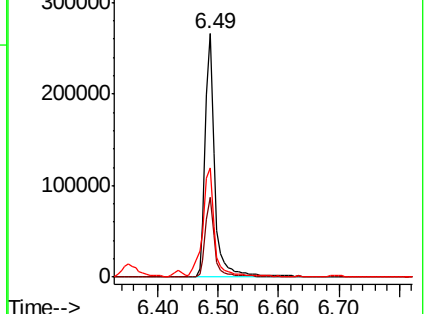
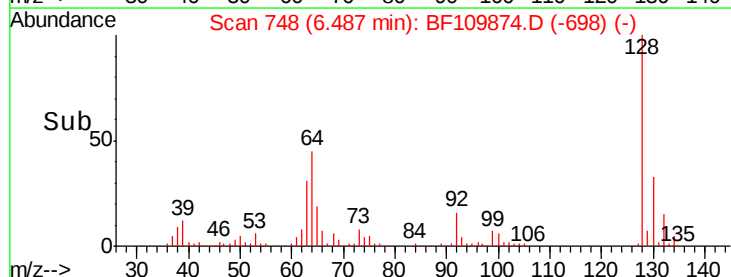
64 44.8 26.0 66.0

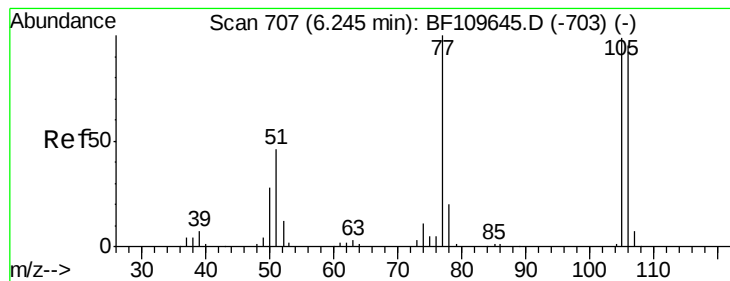


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.765 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleID :

PB113650BS

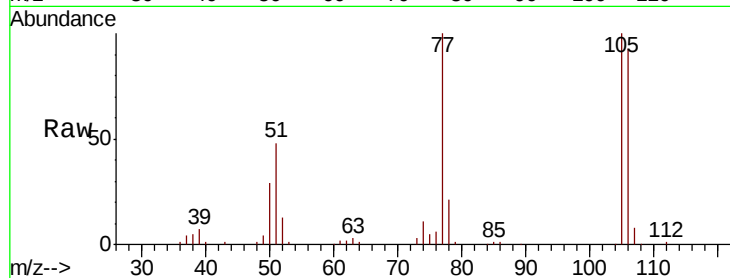
Tot Ion: 77 Resp: 134298

Ion Ratio Lower Upper

77 100

105 99.6 78.6 118.6

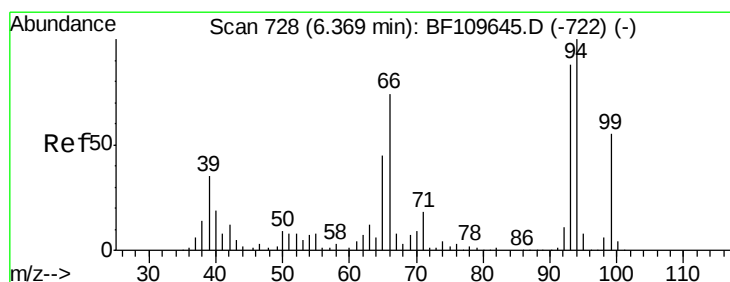
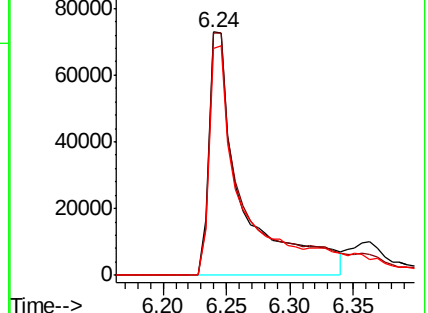
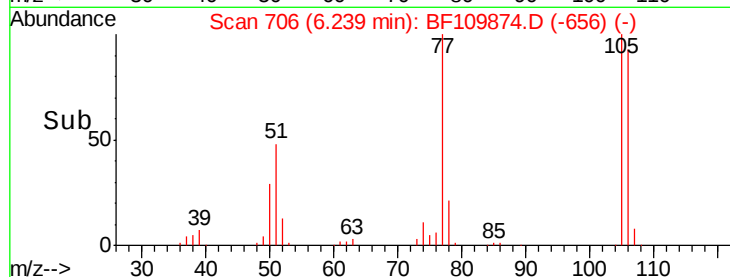
106 93.2 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.314 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

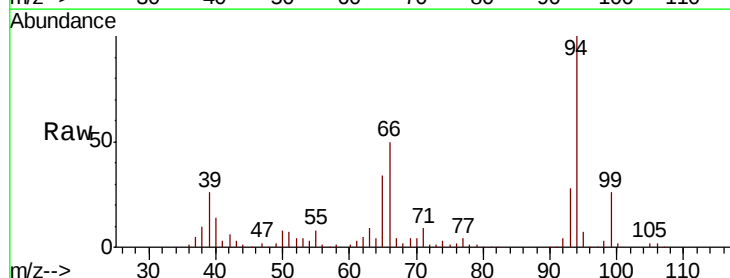
Tgt Ion: 94 Resp: 333639

Ion Ratio Lower Upper

94 100

65 33.9 25.3 65.3

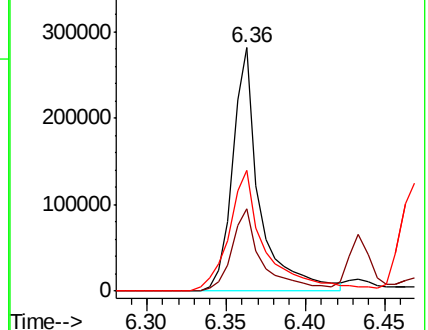
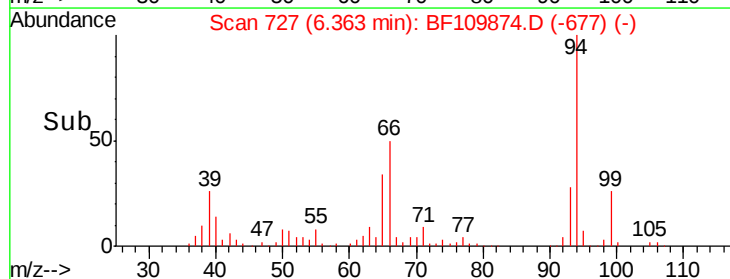
66 49.8 54.5 94.5#



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

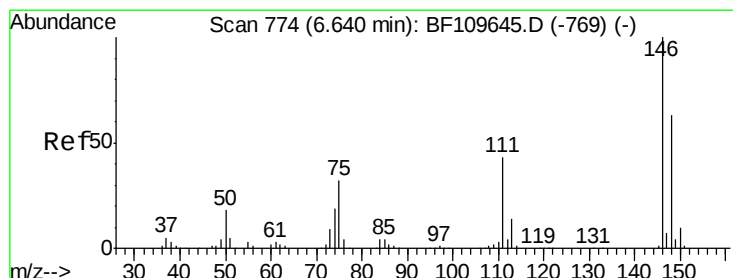
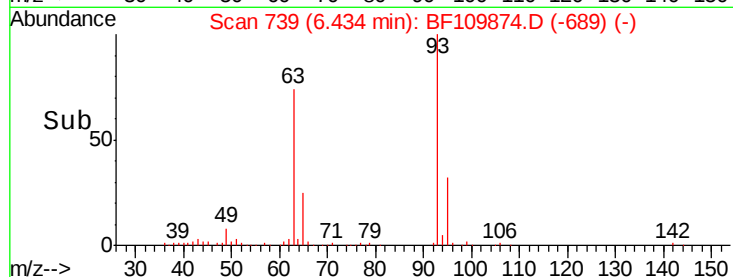
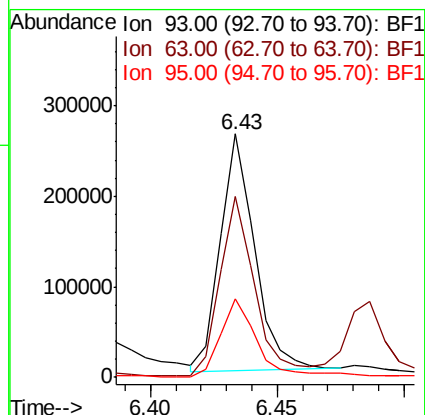
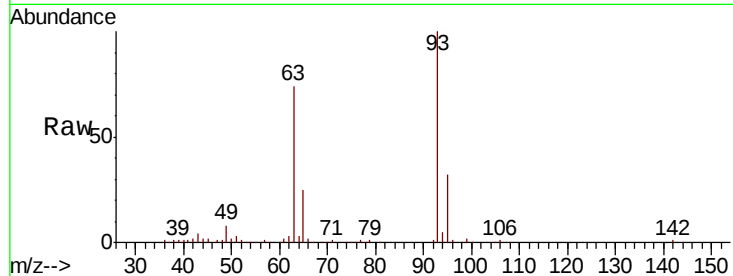




#11
bis(2-Chloroethyl)ether
Concen: 33.202 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

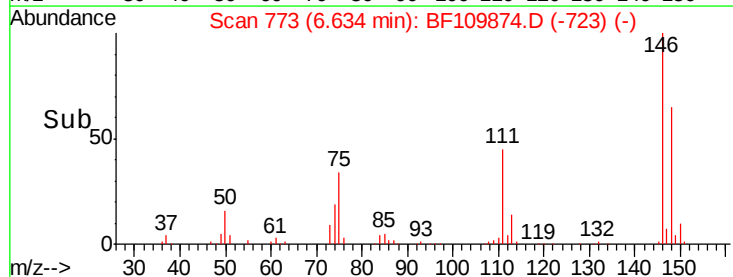
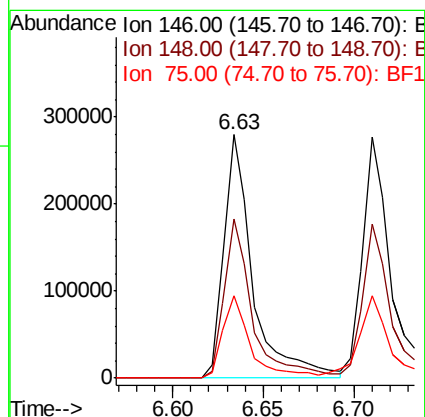
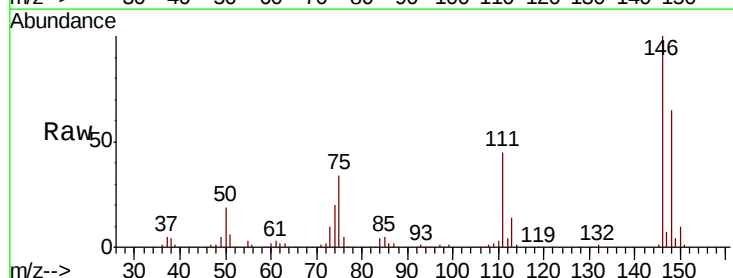
Instrument :
BNA_F
ClientSampleId :
PB113650BS

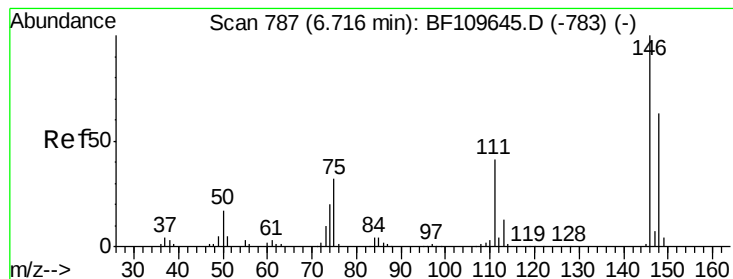
Tot Ion: 93 Resp: 246119
Ion Ratio Lower Upper
93 100
63 74.1 53.4 93.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.865 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion: 146 Resp: 310892
Ion Ratio Lower Upper
146 100
148 65.2 50.4 75.6
75 34.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 37.842 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

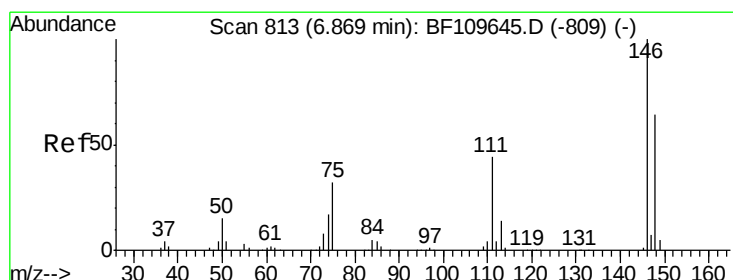
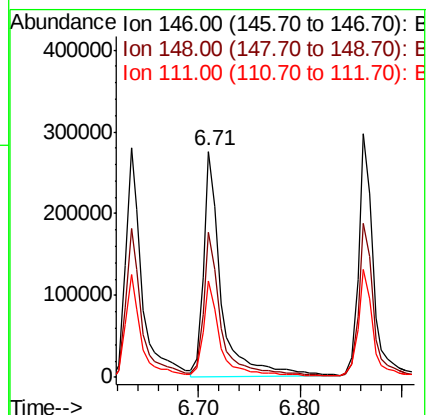
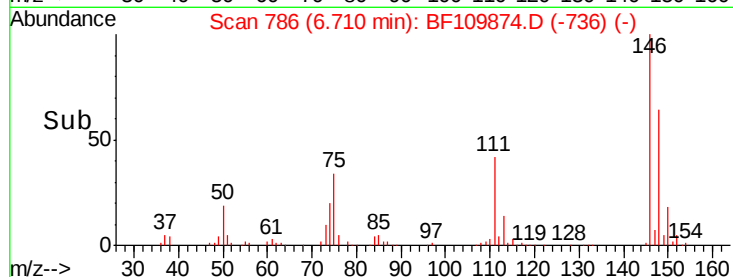
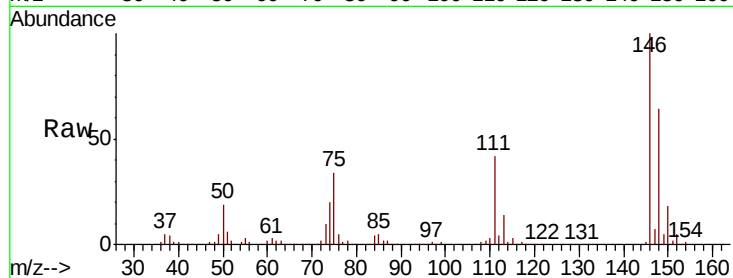
Tot Ion:146 Resp: 338685

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 42.4 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 37.268 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

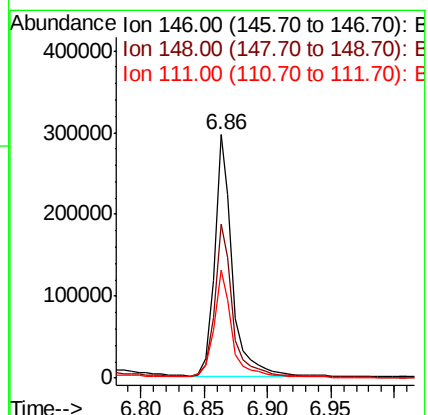
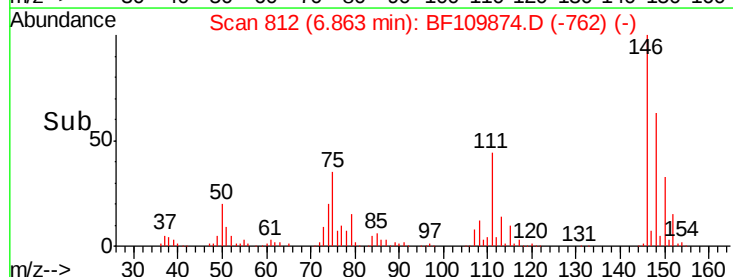
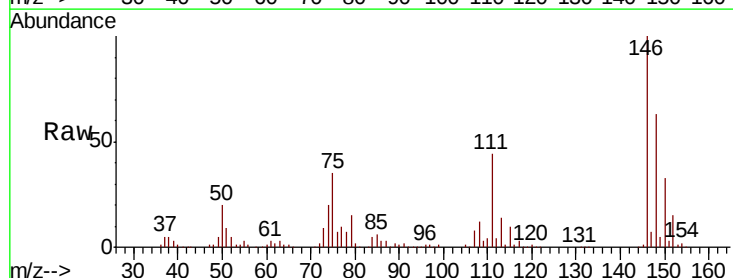
Tgt Ion:146 Resp: 292930

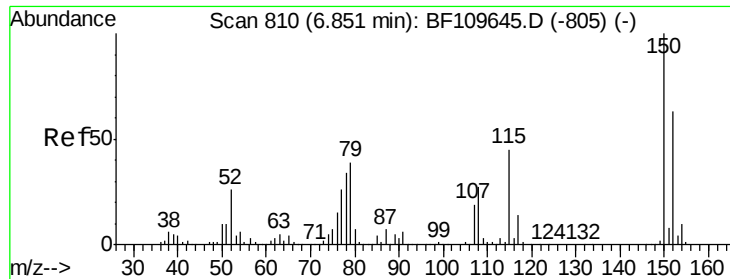
Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 44.3 35.8 53.6

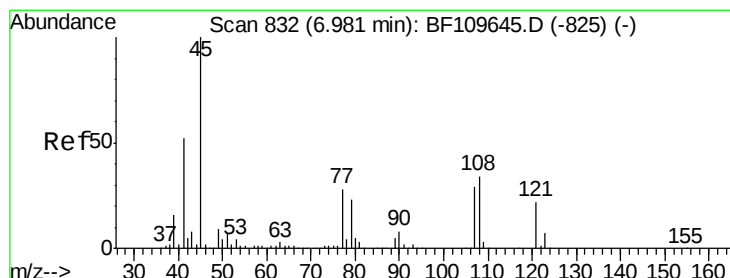
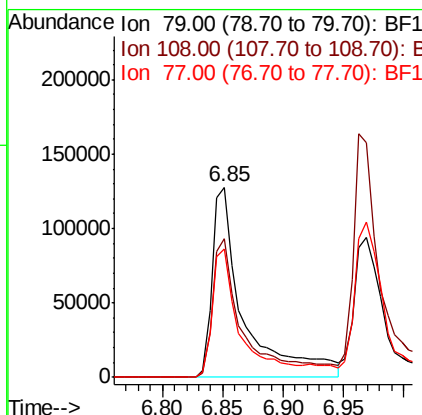
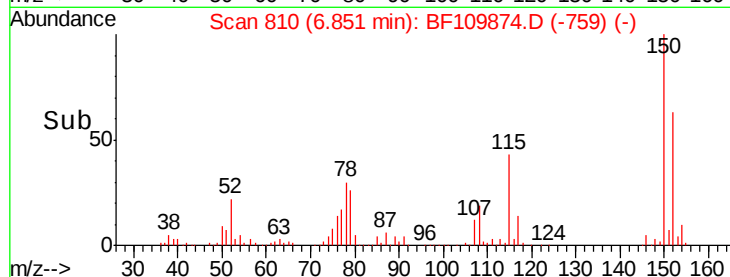
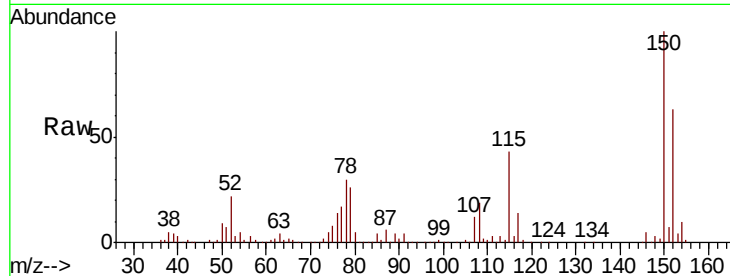




#15
Benzyl Alcohol
Concen: 39.840 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

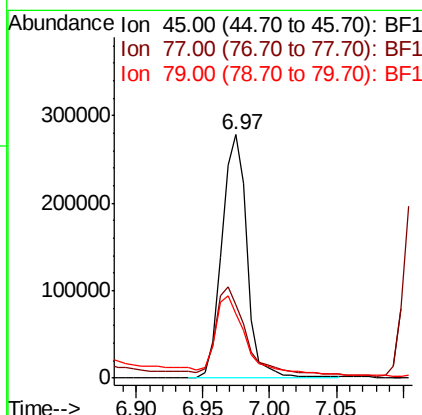
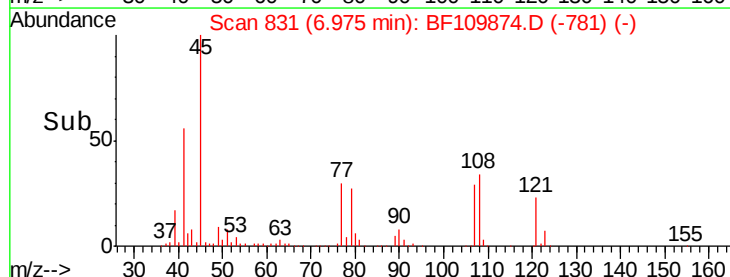
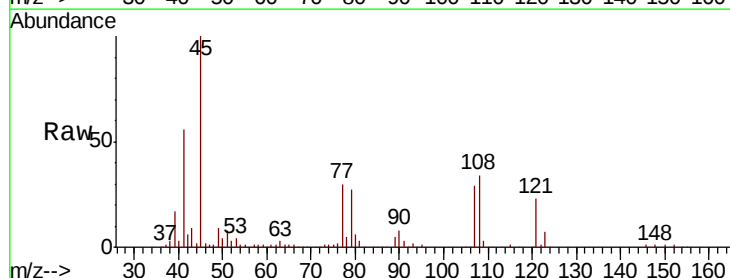
Instrument :
BNA_F
ClientSampleId :
PB113650BS

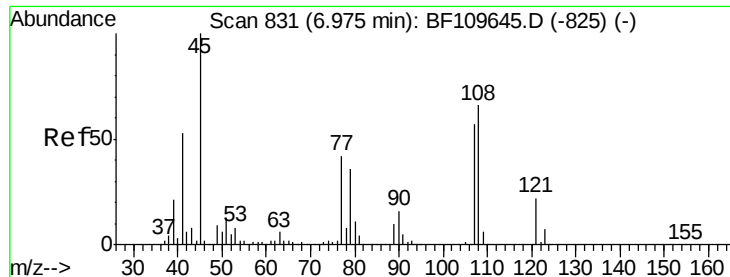
Tot Ion: 79 Resp: 230305
Ion Ratio Lower Upper
79 100
108 72.6 56.3 84.5
77 67.5 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.780 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion: 45 Resp: 371345
Ion Ratio Lower Upper
45 100
77 30.3 10.0 50.0
79 26.5 6.1 46.1

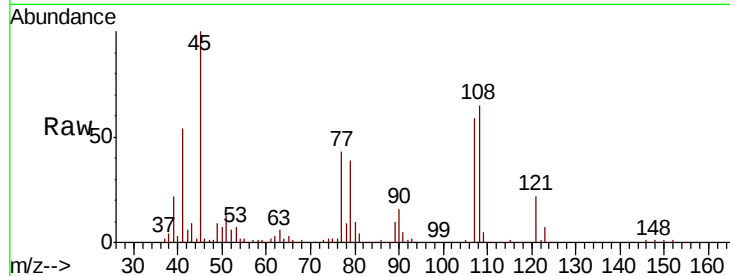




#17
2-Methylphenol
Concen: 39.663 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	138.8
77	73.3	59.4	89.2
79	66.1	54.0	81.0



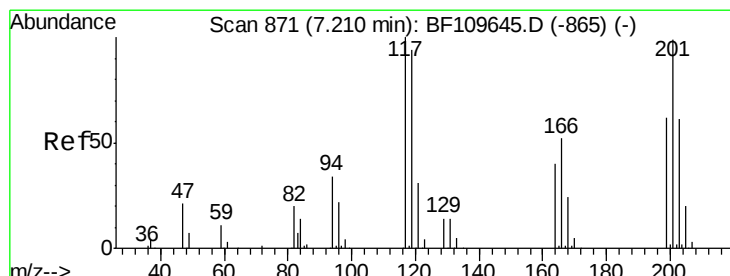
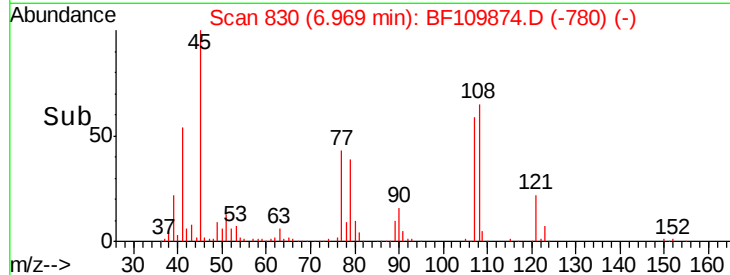
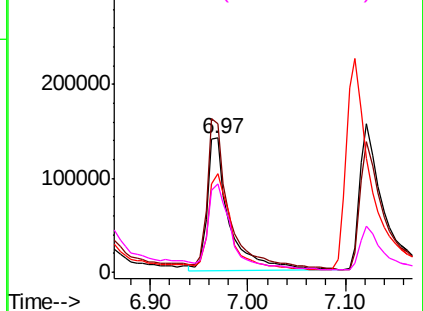
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

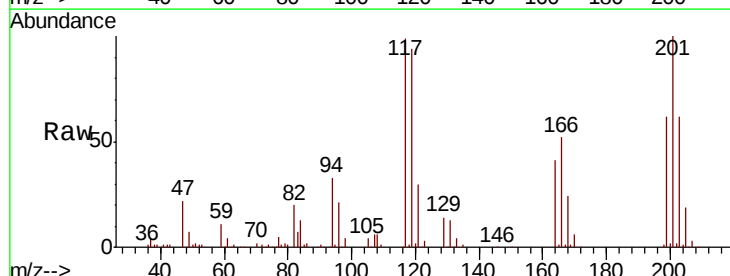
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.216 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
201	101.5	79.2	118.8

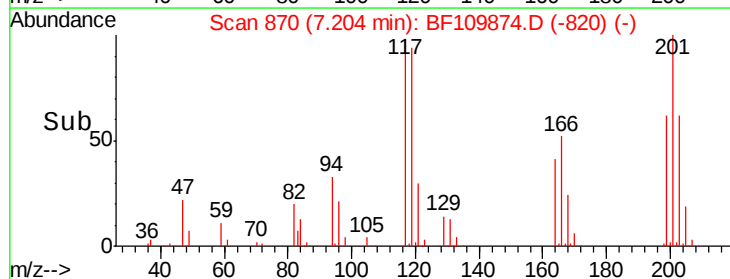
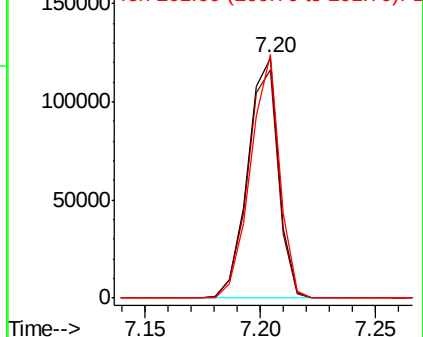


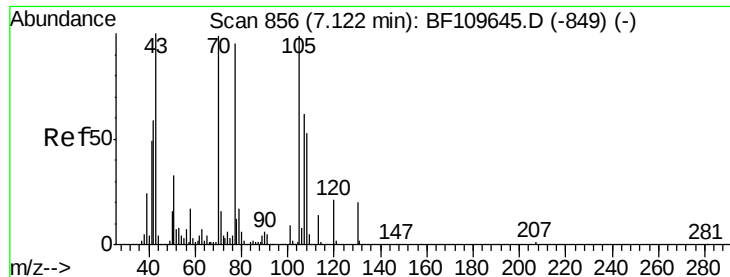
Abundance

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

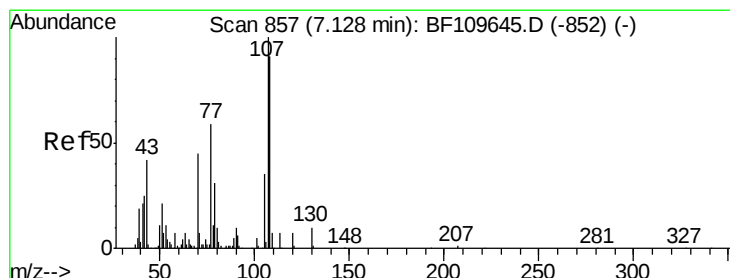
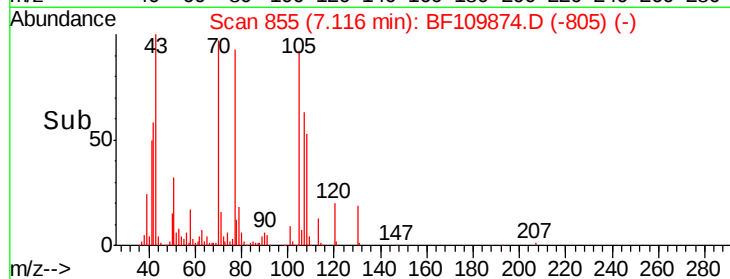
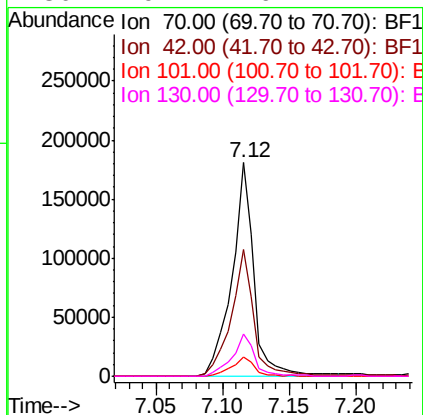
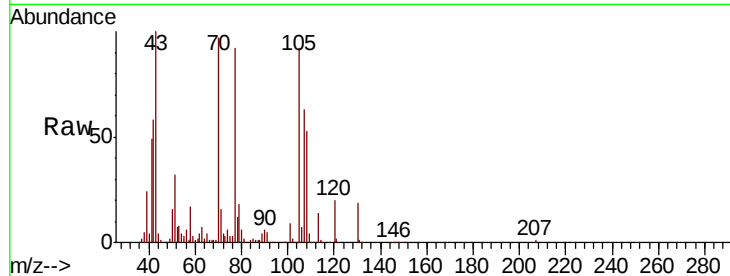




#19
n-Nitroso-di-n-propylamine
Concen: 38.464 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

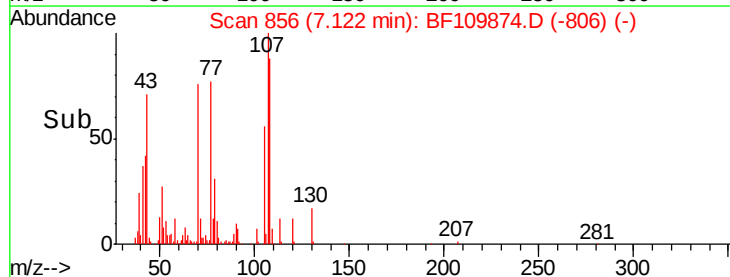
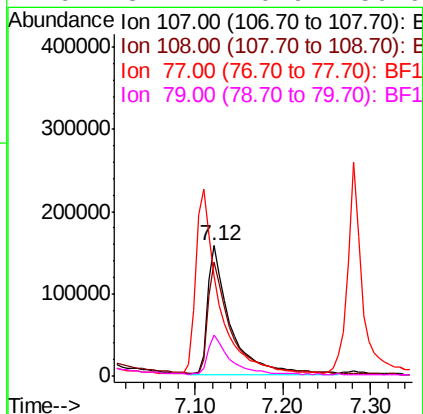
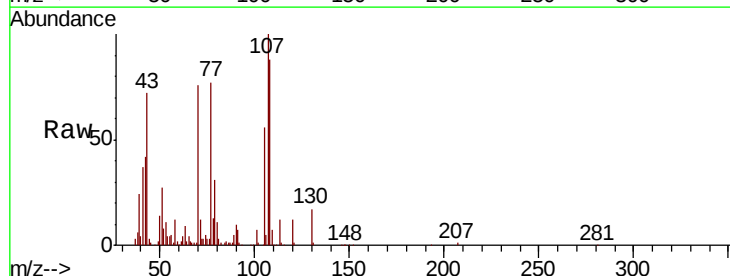
Instrument :
BNA_F
ClientSampleId :
PB113650BS

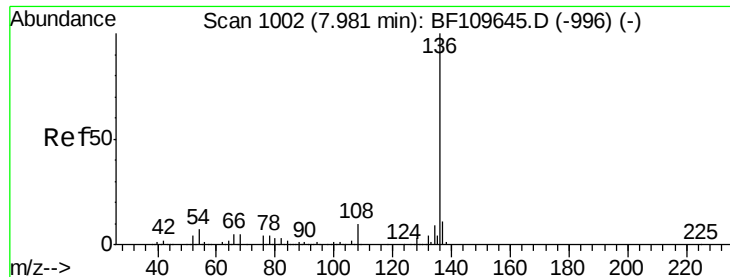
Tot Ion:	70	Resp:	210328
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.4	71.2
101	8.8	7.3	10.9
130	19.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.519 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:	107	Resp:	283434
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.4	111.4
77	77.0	47.3	87.3
79	31.4	10.9	50.9

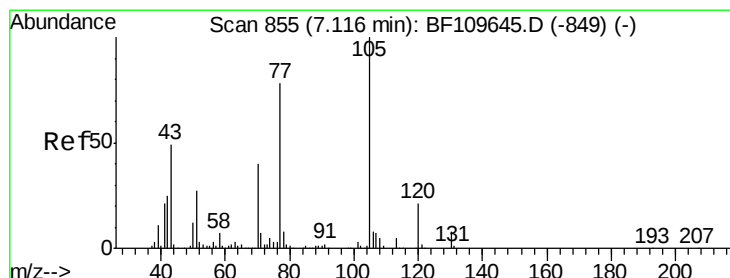
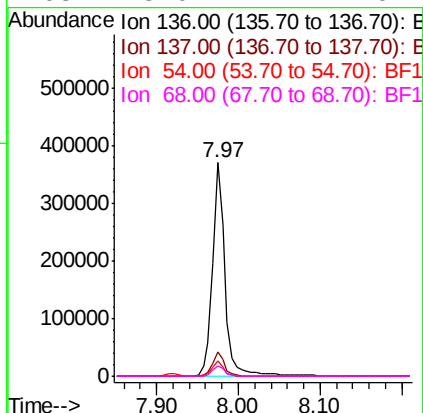
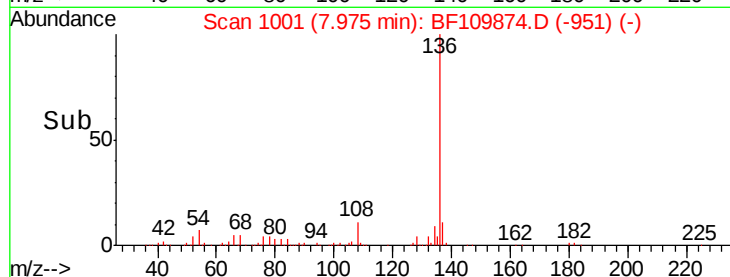
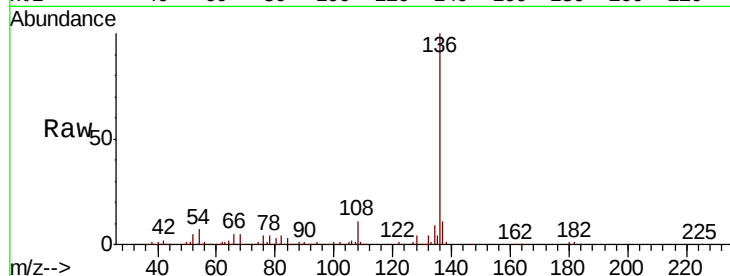




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

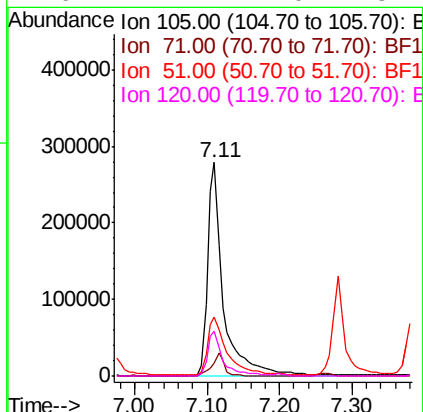
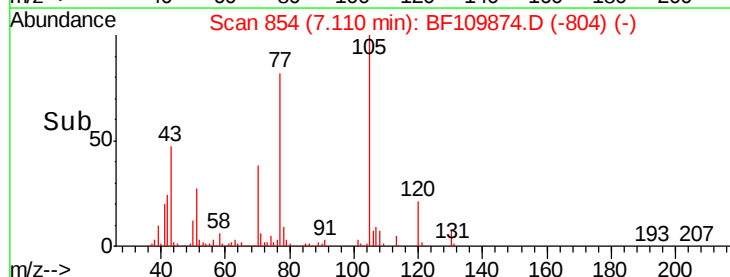
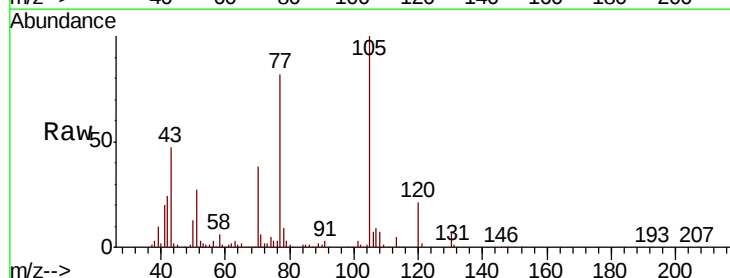
Instrument :
BNA_F
ClientSampleId :
PB113650BS

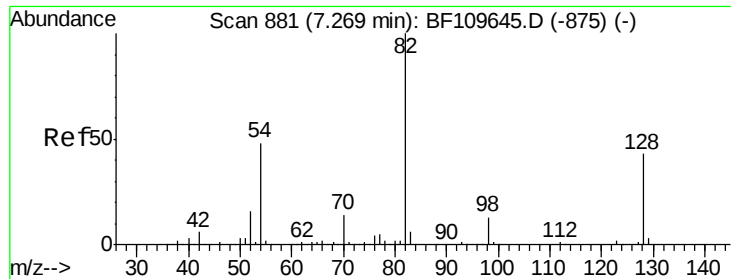
Tot Ion:136	Resp:	395723
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.0	5.4	8.2
68 5.0	4.2	6.2



#22
Acetophenone
Concen: 44.334 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt	Ion:105	Resp:	424250
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.2	7.8
51	27.4	21.8	32.8
120	21.2	17.0	25.4

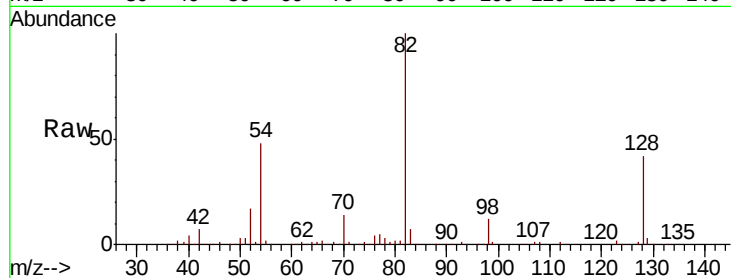




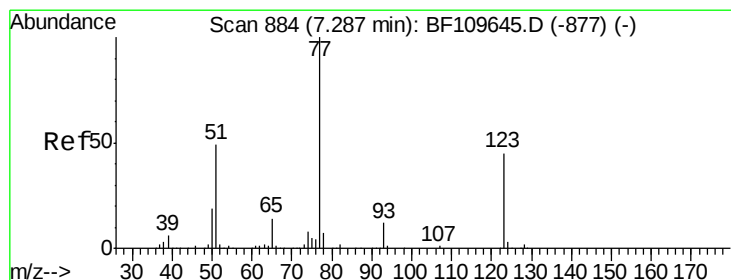
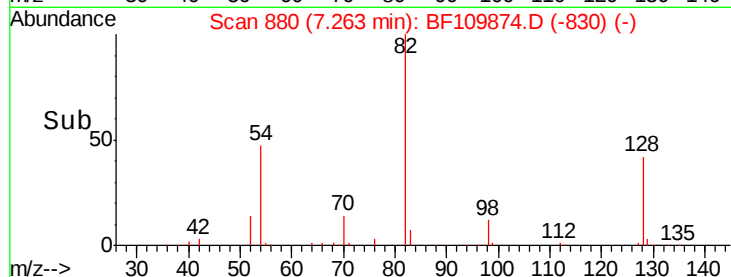
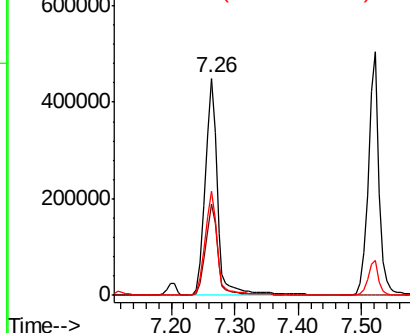
#23
Nitrobenzene-d5
Concen: 85.681 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion: 82 Resp: 615093
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.2
54 48.0 38.6 58.0

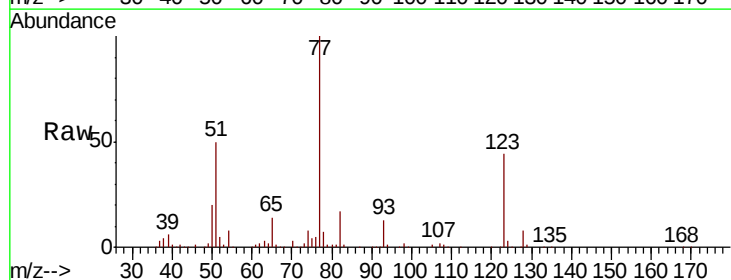


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

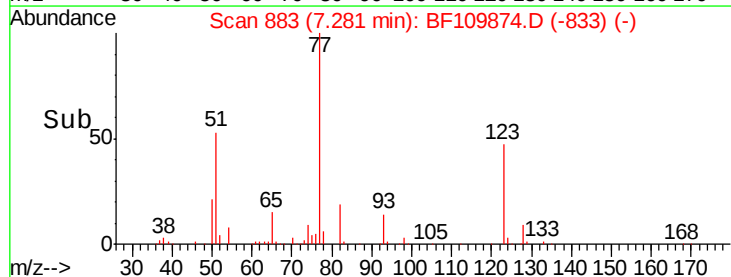
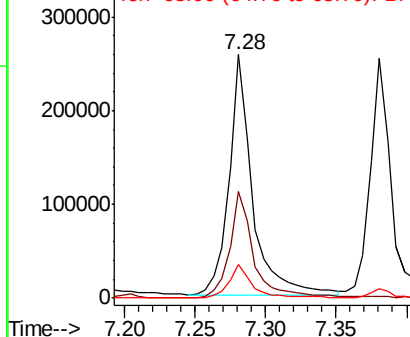


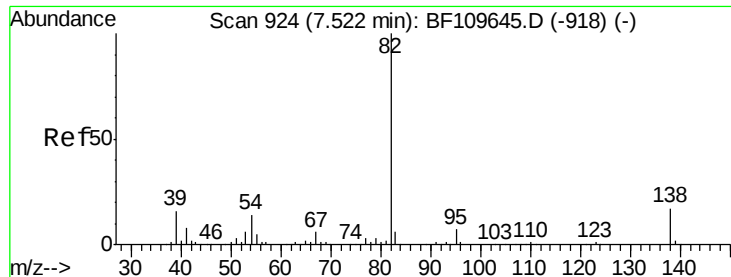
#24
Nitrobenzene
Concen: 40.527 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion: 77 Resp: 302738
Ion Ratio Lower Upper
77 100
123 44.0 35.7 53.5
65 13.9 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

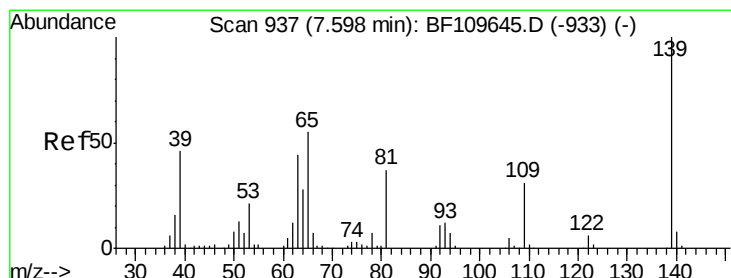
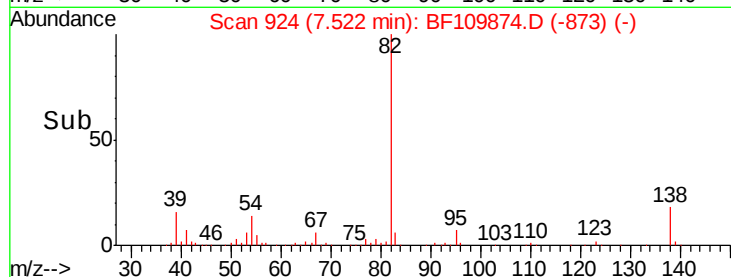
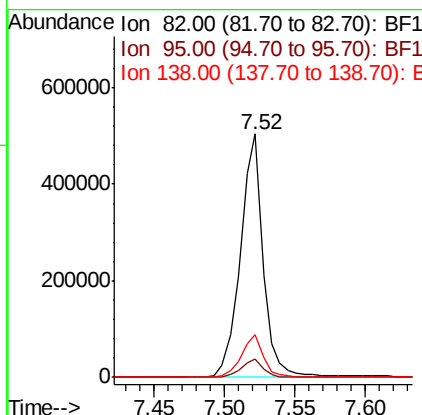
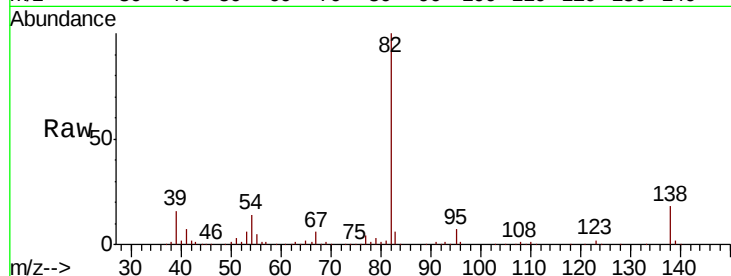




#25
Isophorone
Concen: 47.292 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

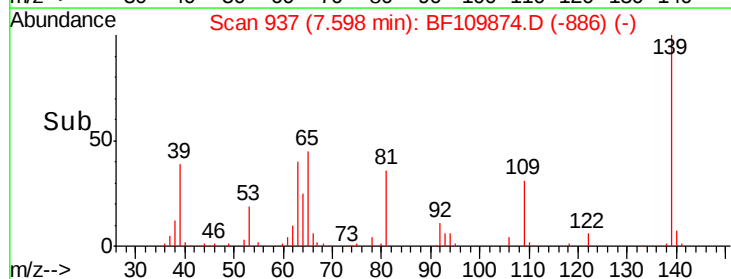
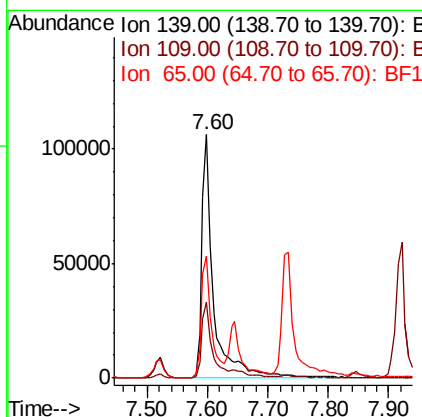
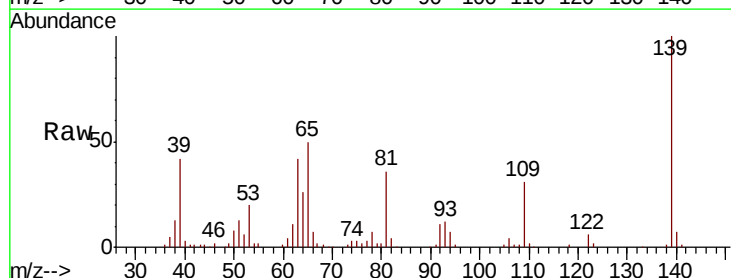
Instrument :
BNA_F
ClientSampleId :
PB113650BS

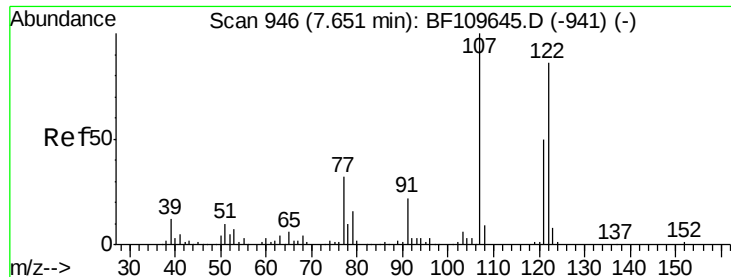
Tot Ion: 82 Resp: 563767
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.7 13.2 19.8



#26
2-Nitrophenol
Concen: 41.445 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion: 139 Resp: 144812
Ion Ratio Lower Upper
139 100
109 31.0 25.0 37.6
65 49.9 44.0 66.0

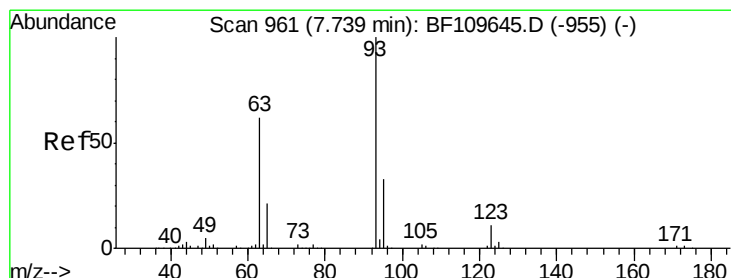
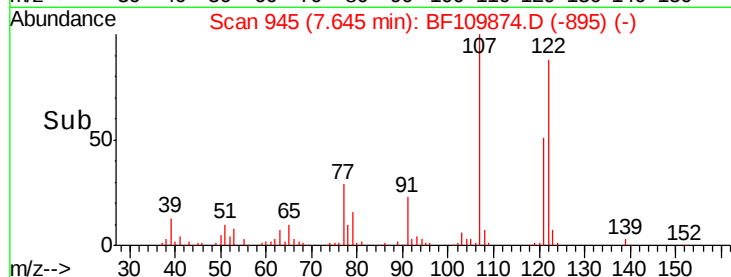
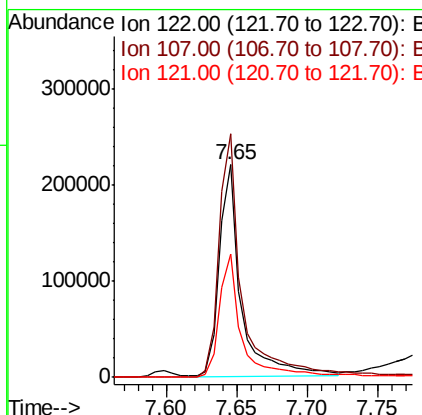
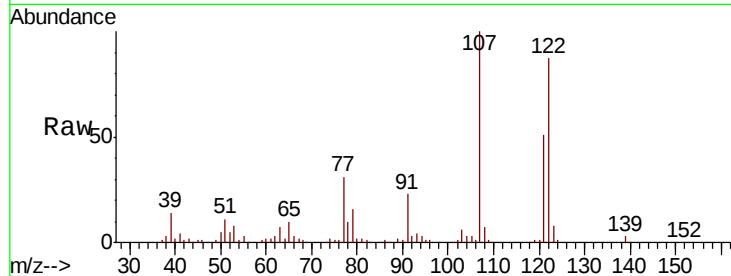




#27
 2,4-Dimethylphenol
 Concen: 47.635 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

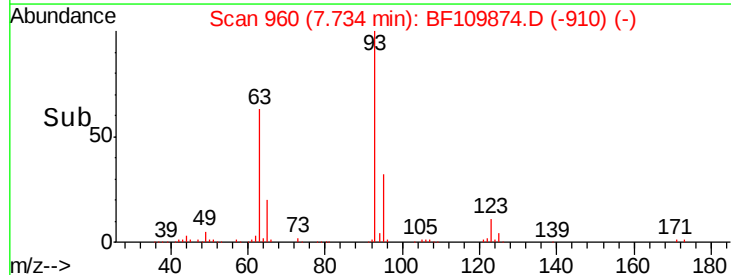
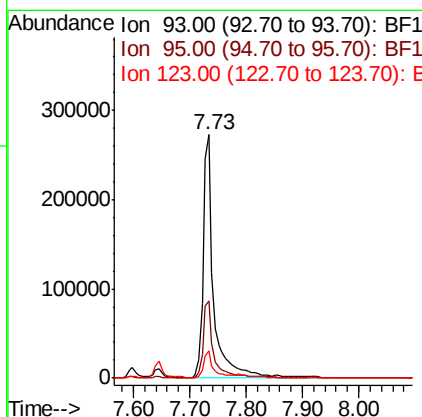
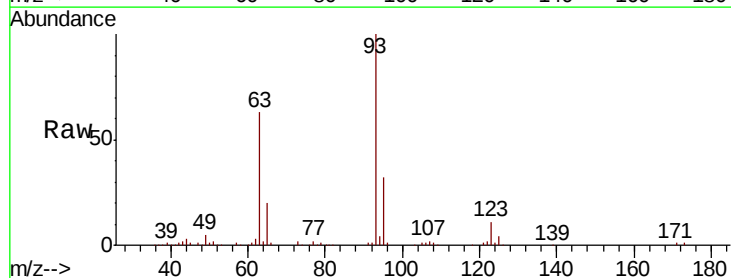
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

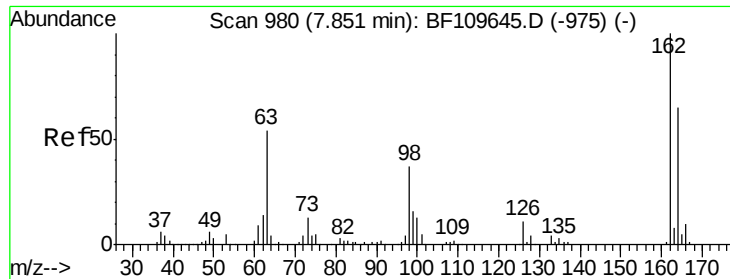
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	92.5	138.7
121	57.8	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.152 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	11.1	9.0	13.6

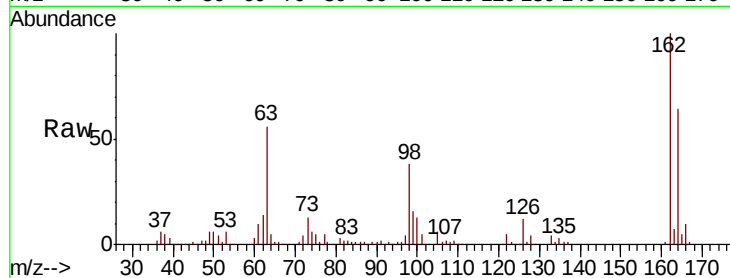




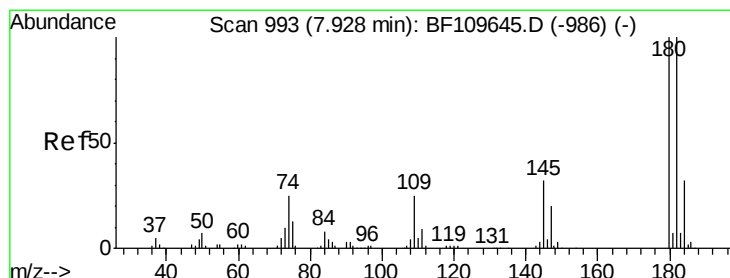
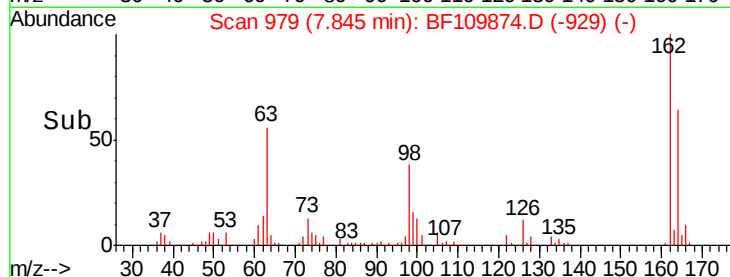
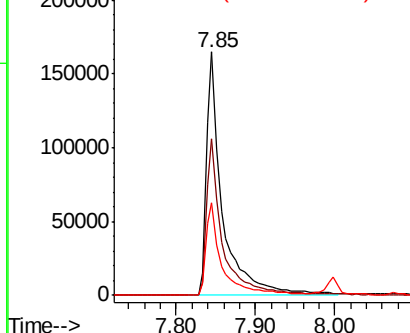
#29
 2,4-Dichlorophenol
 Concen: 41.332 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	37.8	17.4	57.4

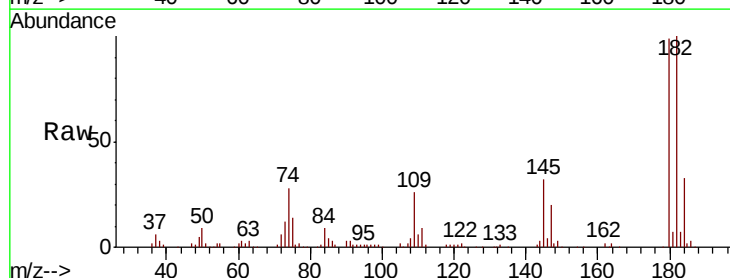


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

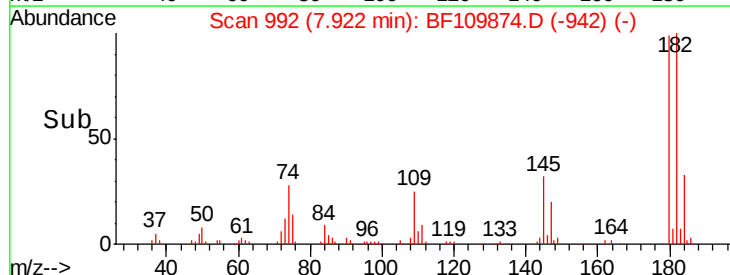
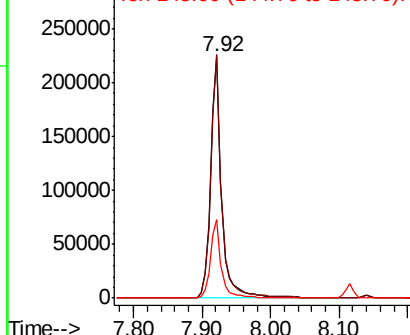


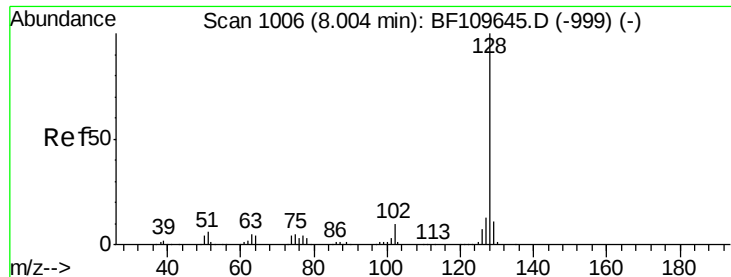
#30
 1,2,4-Trichlorobenzene
 Concen: 40.503 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	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

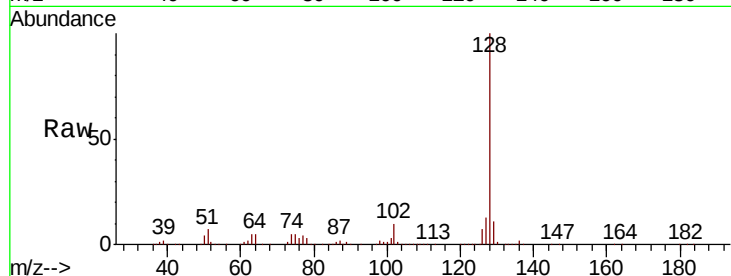




#31
Naphthalene
Concen: 45.372 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.8	16.2

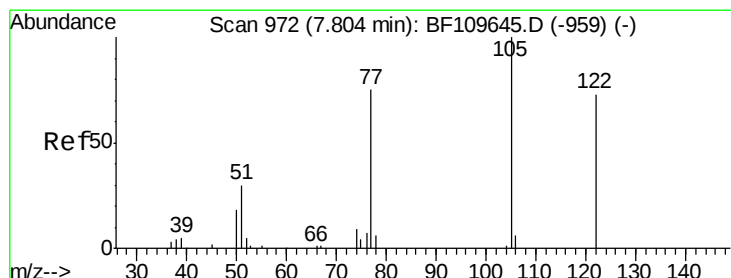
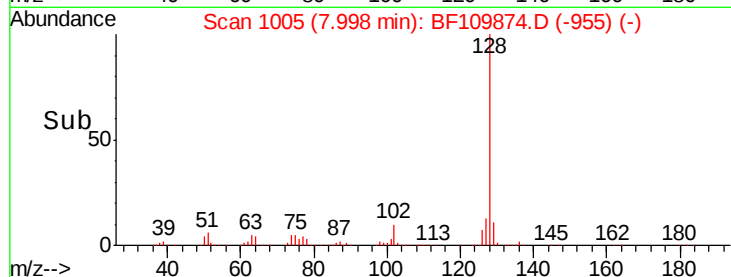
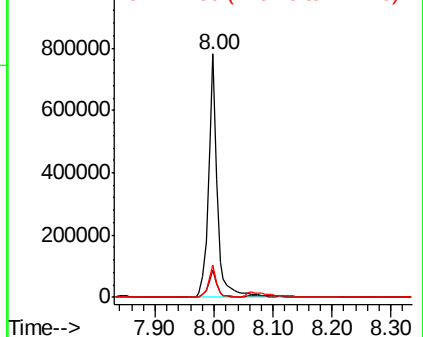


Abundance

Ion 128.00 (127.70 to 128.70): E

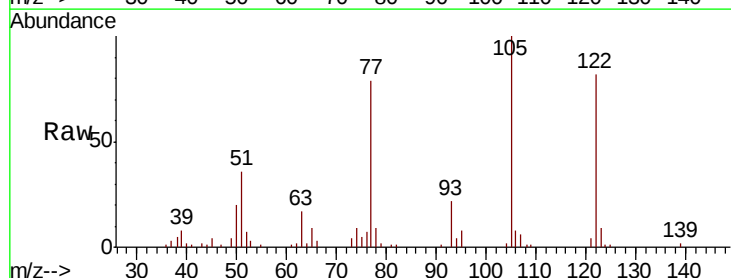
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.106 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	109.0	149.0
77	96.8	79.0	119.0

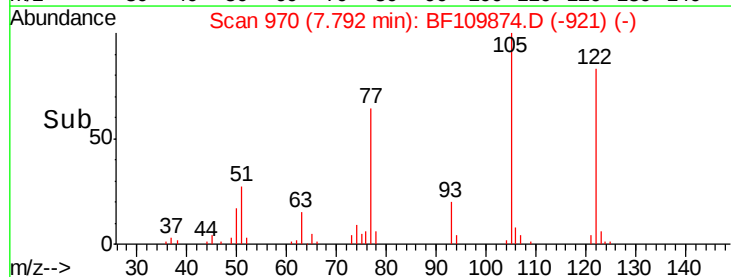
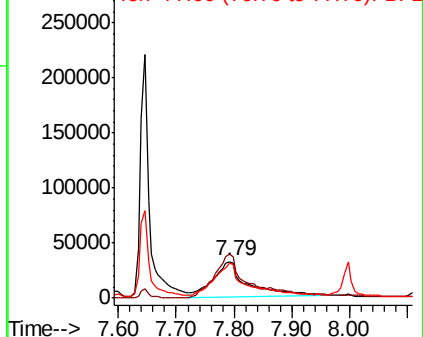


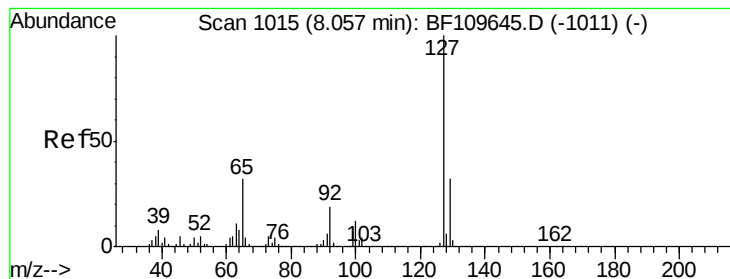
Abundance

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: 7.084 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

Tot Ion:127 Resp: 57092

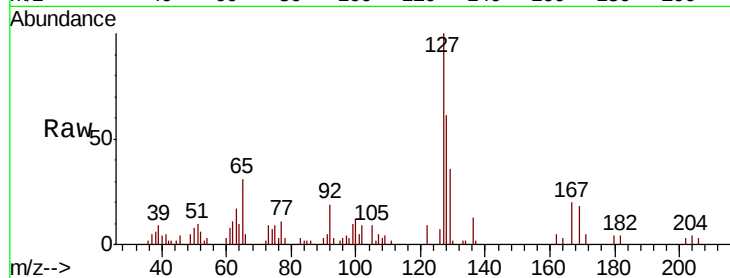
Ion Ratio Lower Upper

127 100

129 36.1 26.0 39.0

65 31.4 25.1 37.7

92 19.1 15.0 22.6

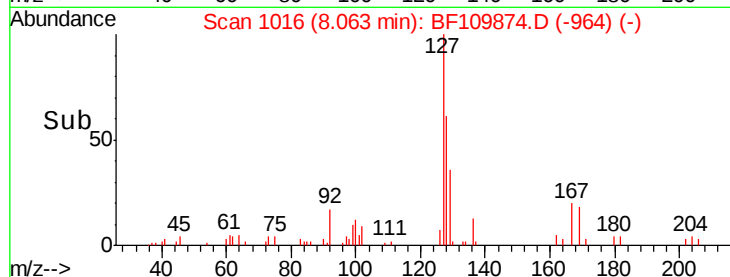


Abundance Ion 127.00 (126.70 to 127.70): E

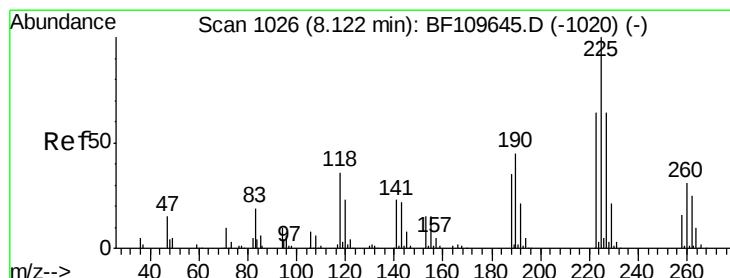
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 40.210 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

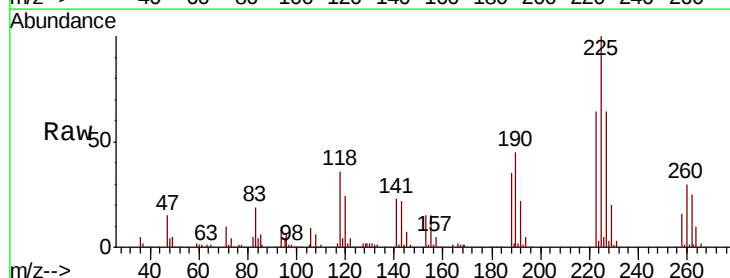
Tgt Ion:225 Resp: 156634

Ion Ratio Lower Upper

225 100

223 64.5 51.4 77.2

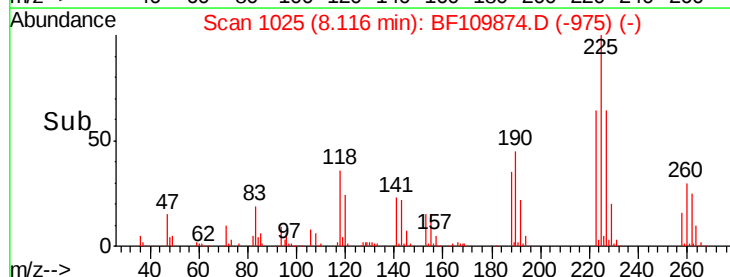
227 64.2 51.0 76.6



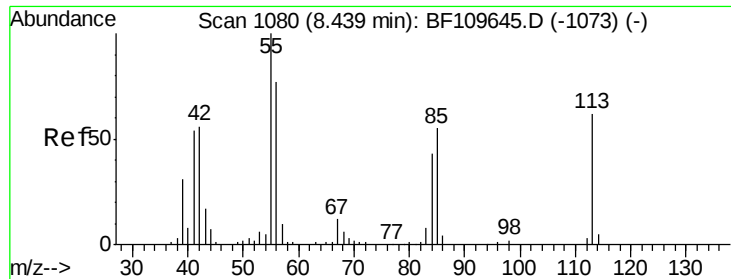
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



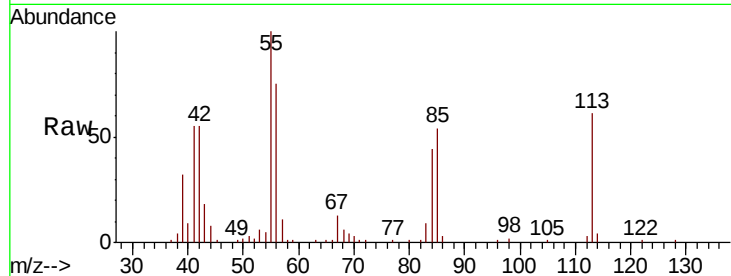
Time-->



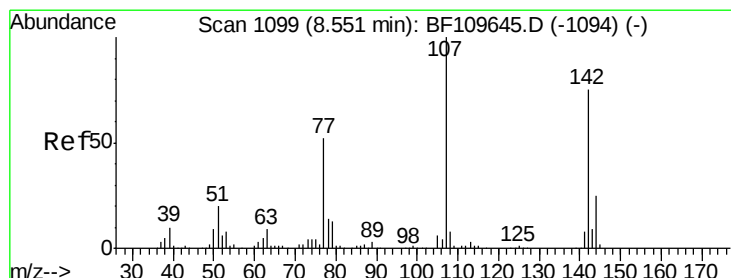
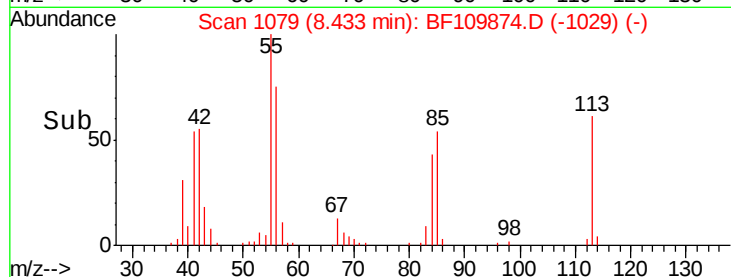
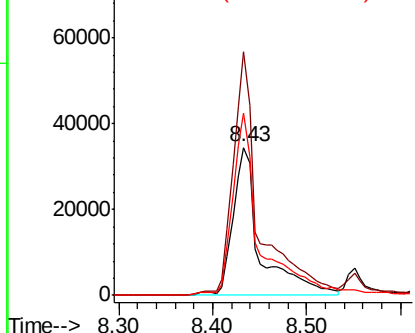
#35
 Caprolactam
 Concen: 41.062 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion:113 Resp: 69403
 Ion Ratio Lower Upper
 113 100
 55 164.7 142.8 182.8
 56 123.6 105.0 145.0

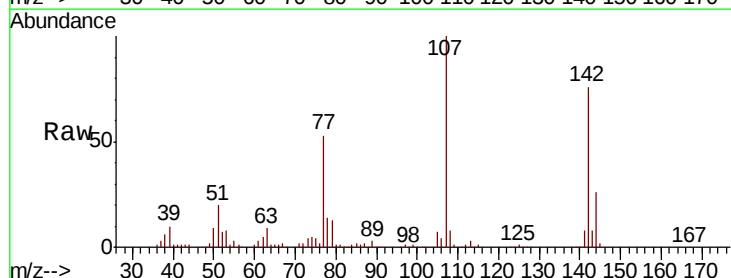


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

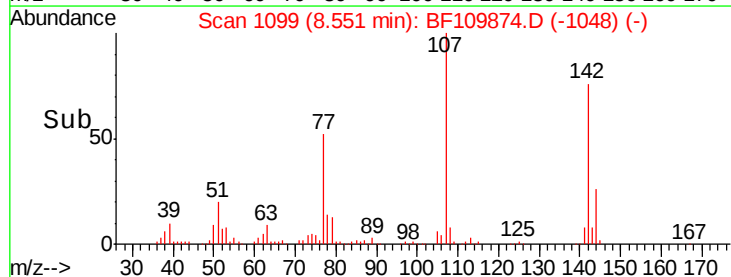
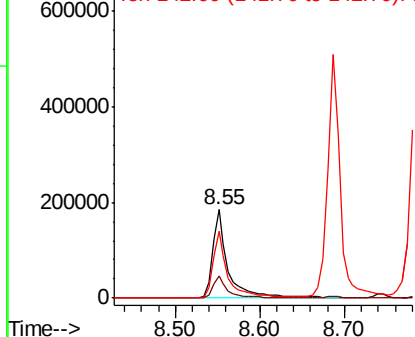


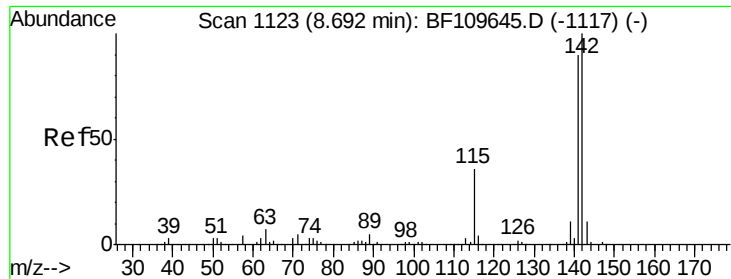
#36
 4-Chloro-3-methylphenol
 Concen: 40.350 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion:107 Resp: 241054
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.0 30.0
 142 75.8 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

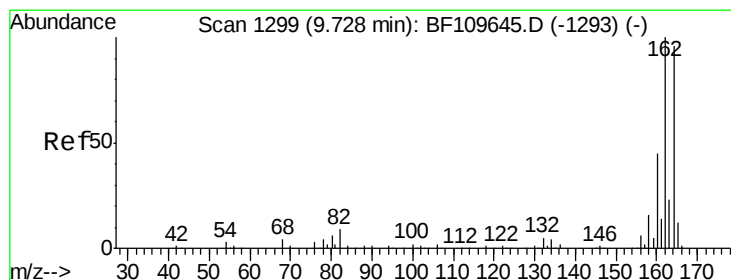
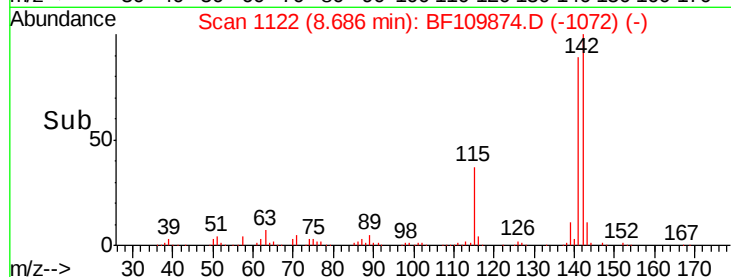
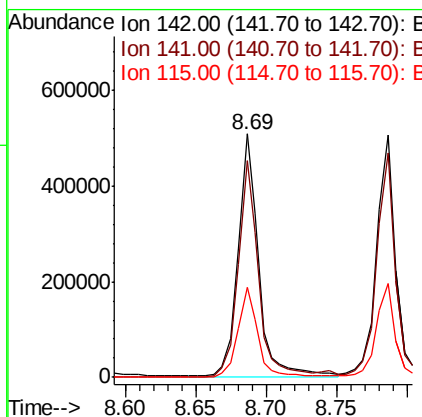
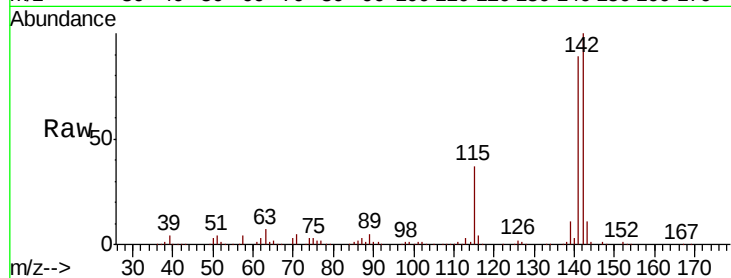




#37
2-Methylnaphthalene
Concen: 43.404 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

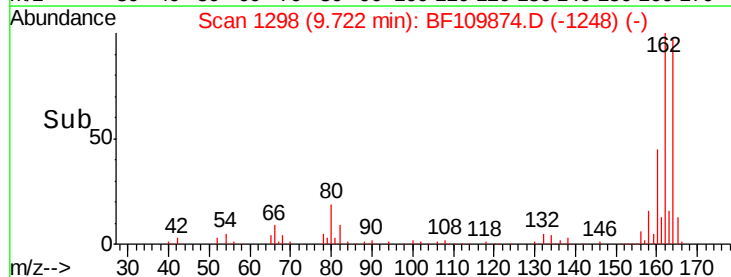
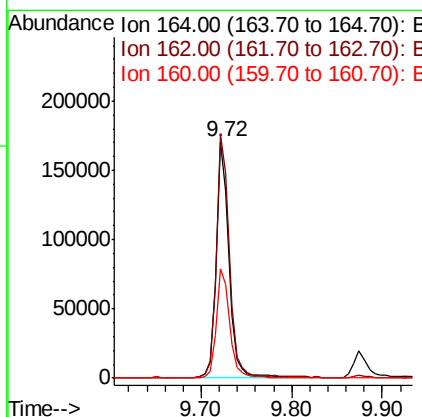
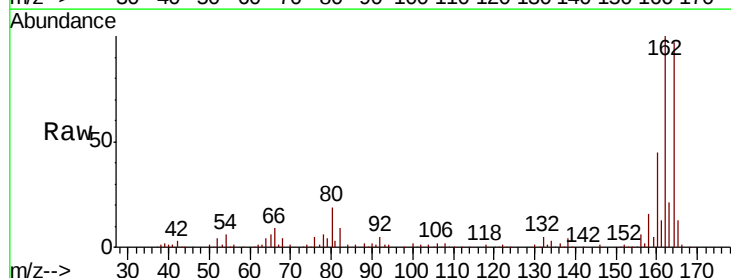
Instrument :
BNA_F
ClientSampleId :
PB113650BS

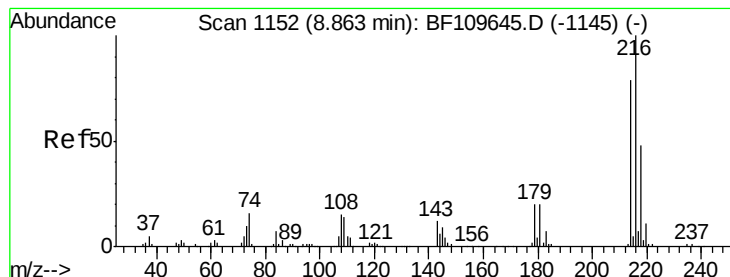
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	36.9	28.7	43.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	46.5	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.293 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

Tot Ion:216 Resp: 247220

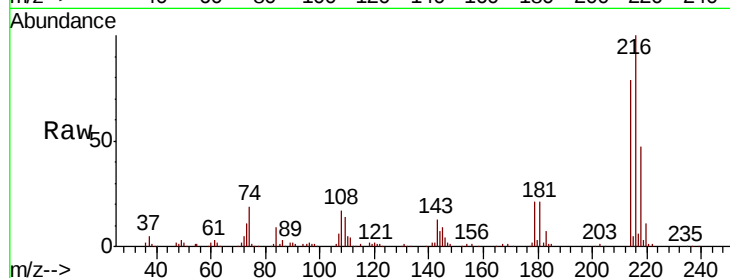
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.1 16.6 25.0

108 18.4 15.1 22.7

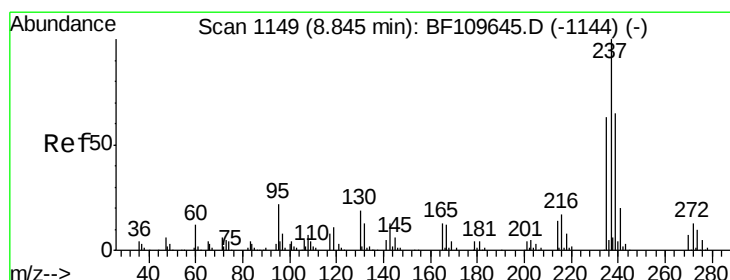
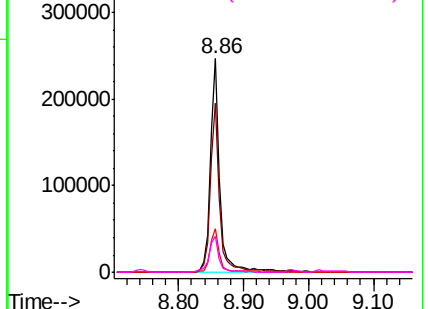
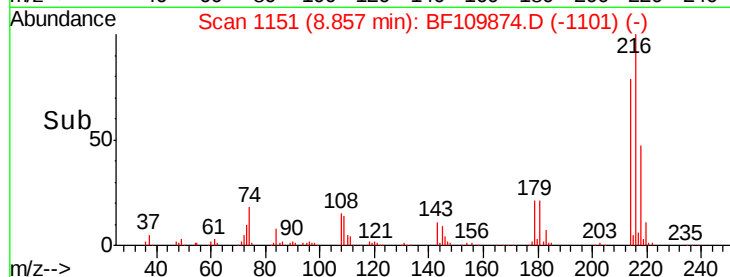


Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.311 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

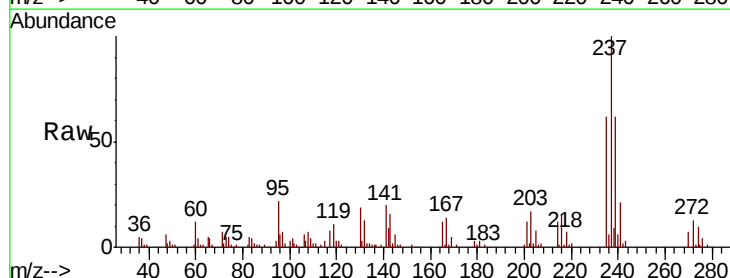
Tgt Ion:237 Resp: 66245

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

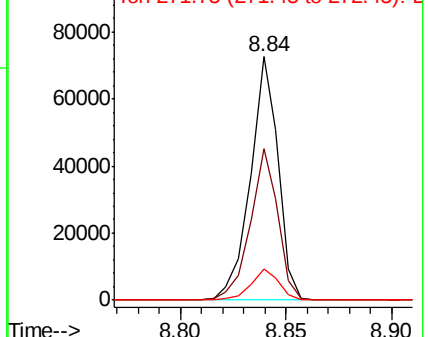
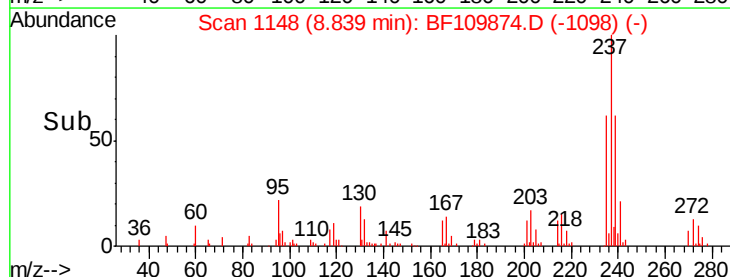
272 12.5 0.0 32.6

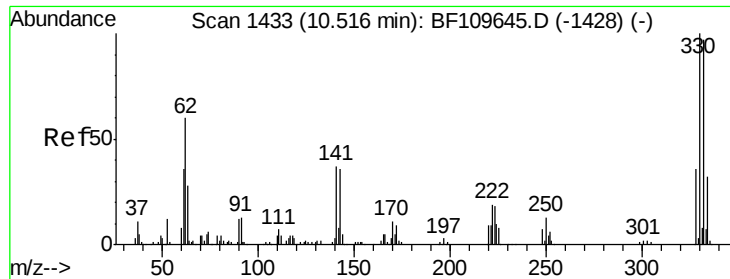


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

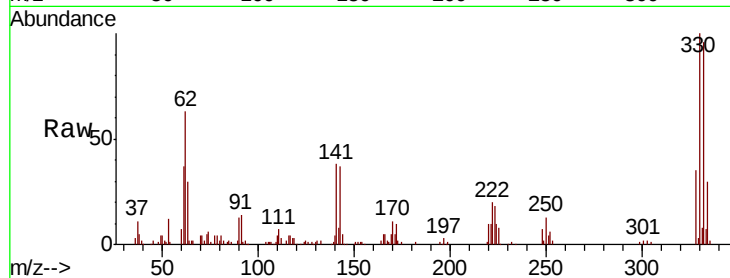




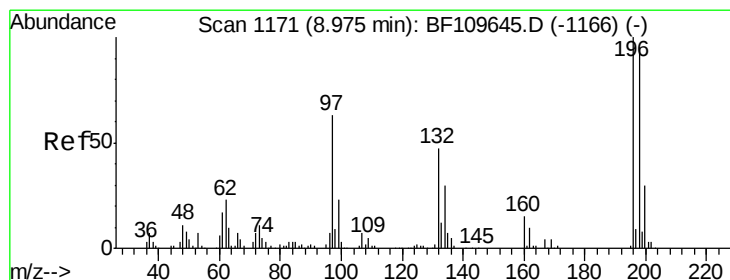
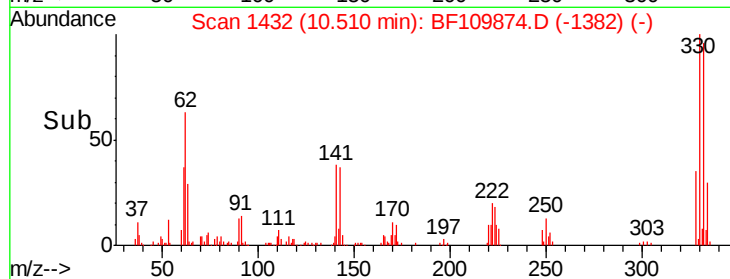
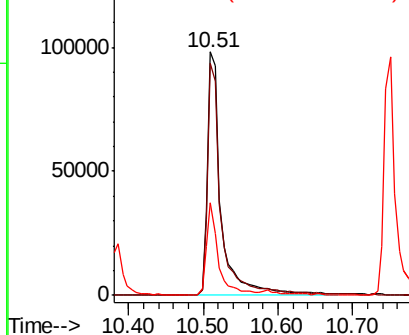
#41
 2,4,6-Tribromophenol
 Concen: 69.735 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	33.2	27.0	40.4

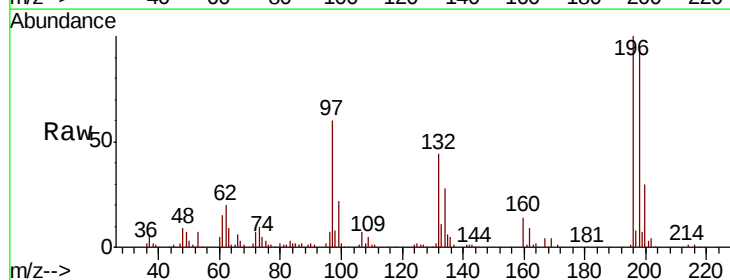


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

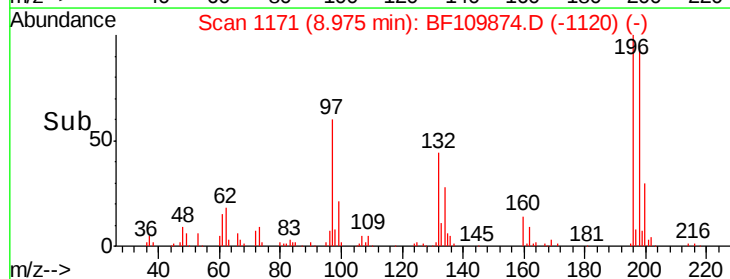
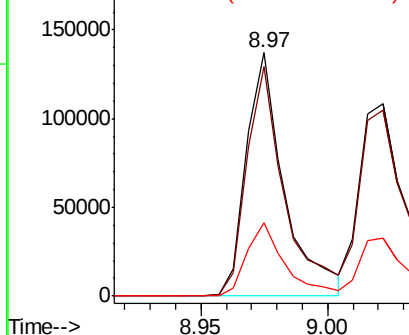


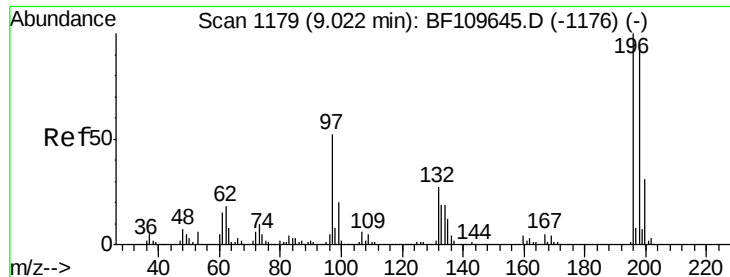
#42
 2,4,6-Trichlorophenol
 Concen: 41.976 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.4
200	30.3	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

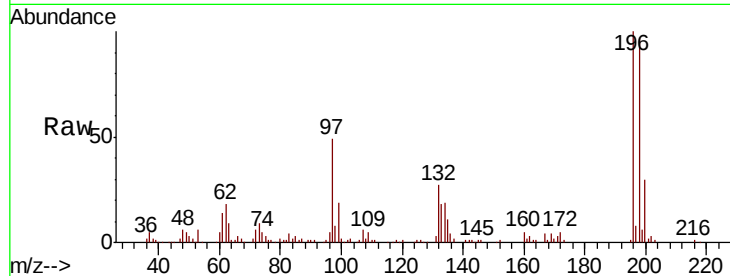




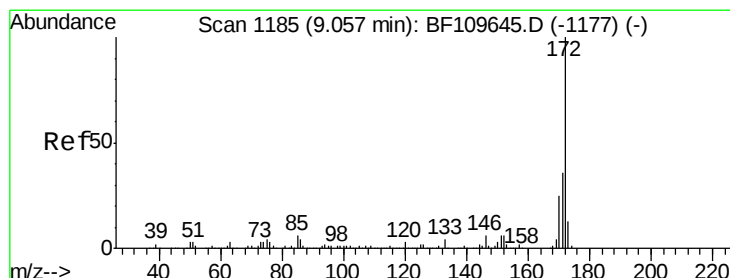
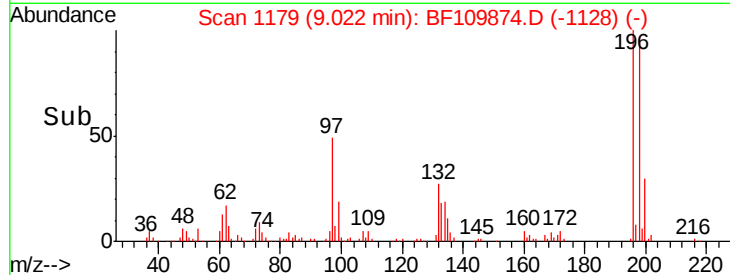
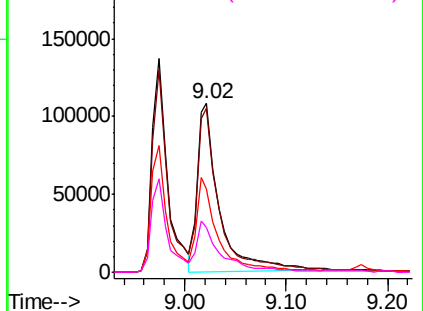
#43
 2,4,5-Trichlorophenol
 Concen: 41.277 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion:196	Resp:	162013
Ion	Ratio	Lower Upper
196	100	
198	97.0	75.8 113.6
97	49.3	42.4 63.6
132	26.9	22.8 34.2

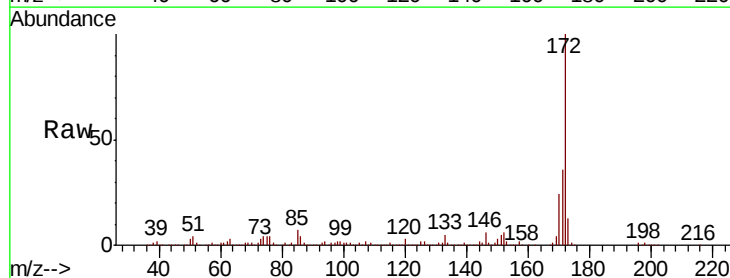


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

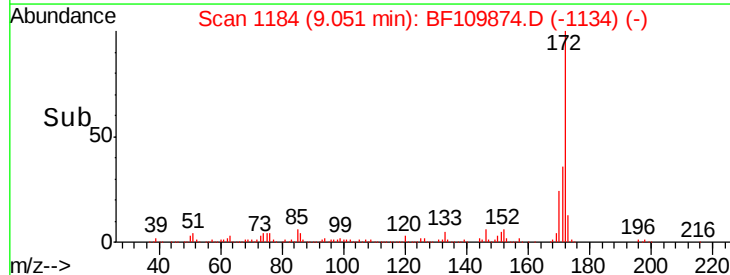
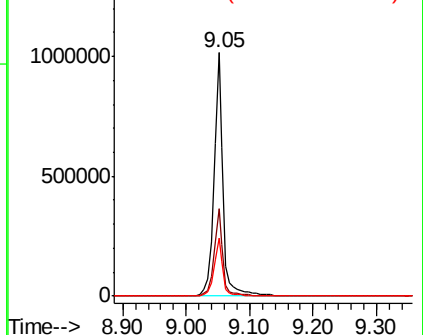


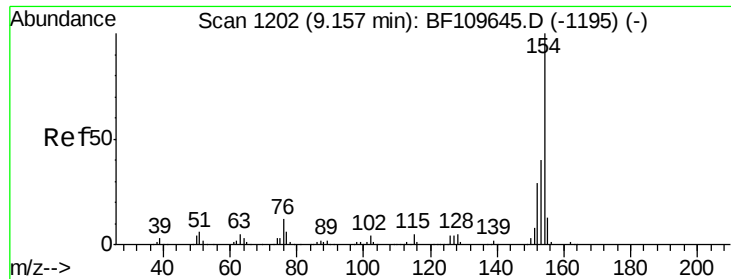
#44
 2-Fluorobiphenyl
 Concen: 86.837 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion:172	Resp:	1057714
Ion	Ratio	Lower Upper
172	100	
171	35.8	28.6 43.0
170	24.0	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

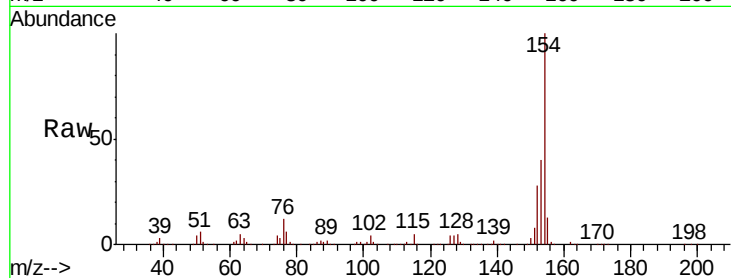




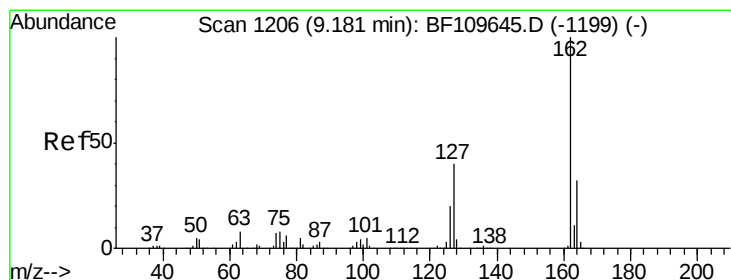
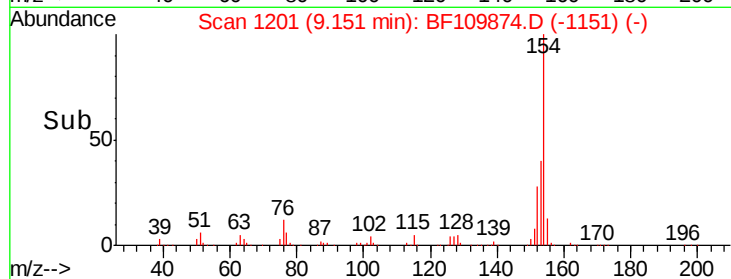
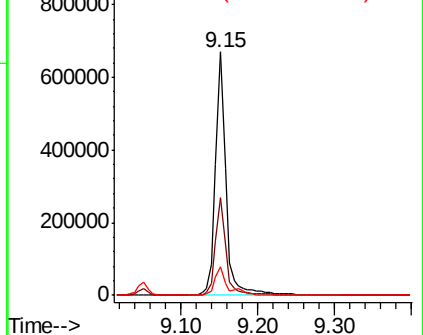
#45
 1,1'-Biphenyl
 Concen: 41.939 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion:154 Resp: 628518
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.4 60.4
 76 12.0 0.0 31.9

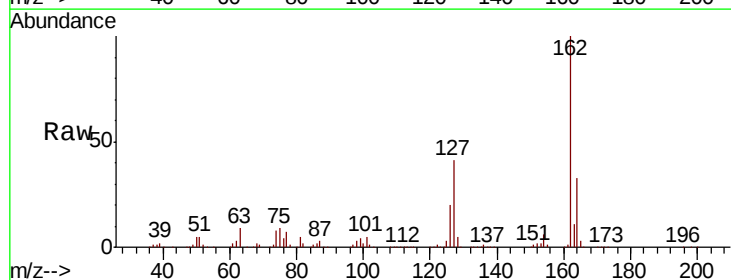


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

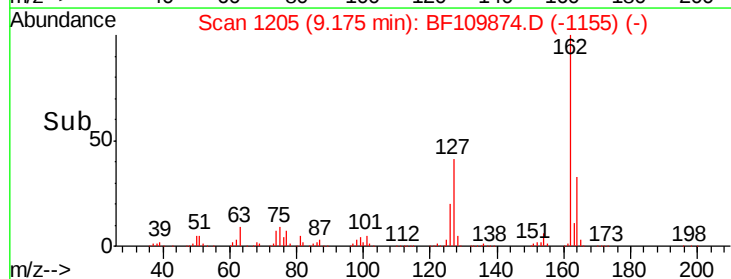
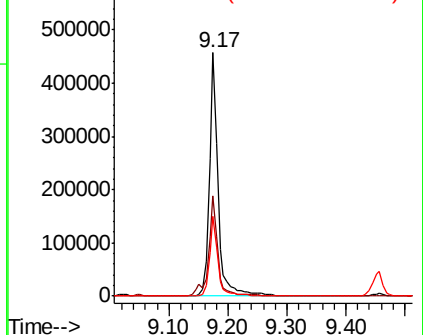


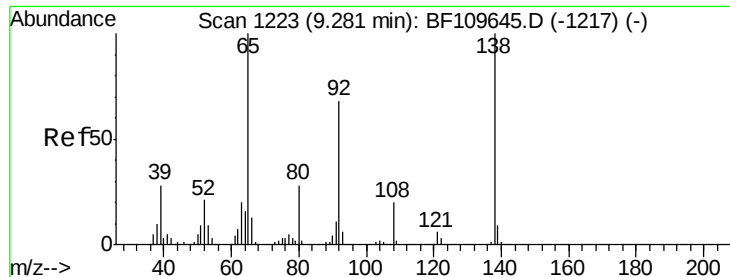
#46
 2-Chloronaphthalene
 Concen: 42.598 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion:162 Resp: 478279
 Ion Ratio Lower Upper
 162 100
 127 40.9 32.6 48.8
 164 32.7 25.9 38.9



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

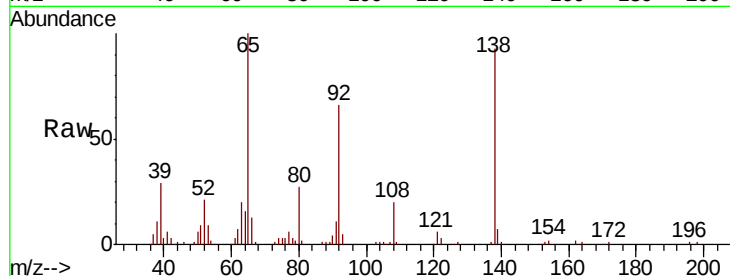




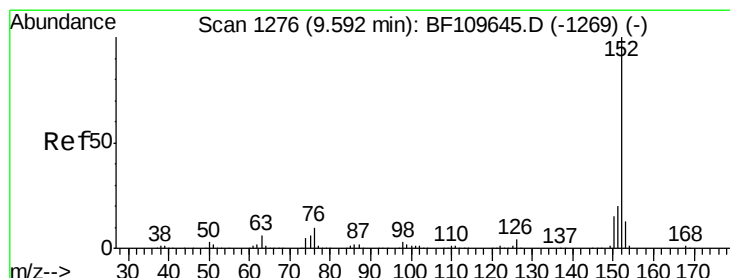
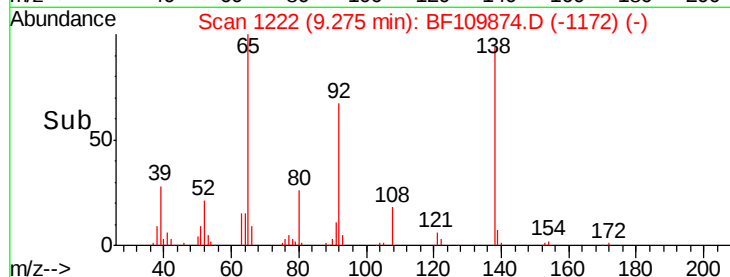
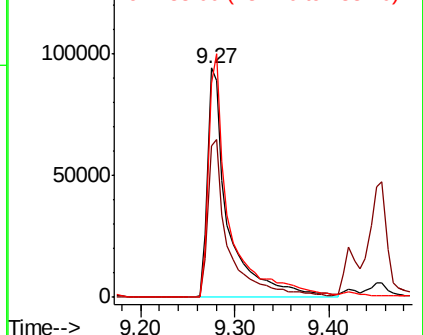
#47
2-Nitroaniline
Concen: 42.803 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampled :
PB113650BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.6	81.8
138	93.4	80.3	120.5

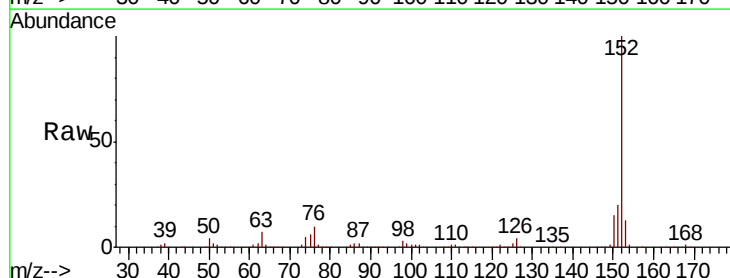


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

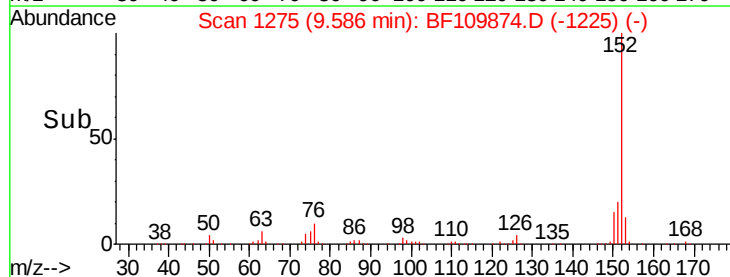
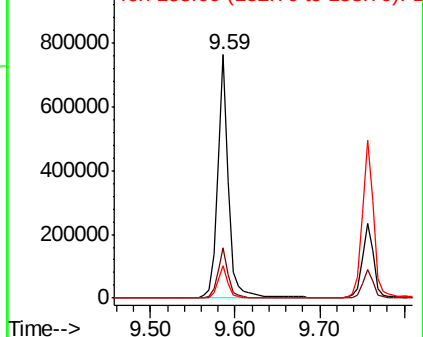


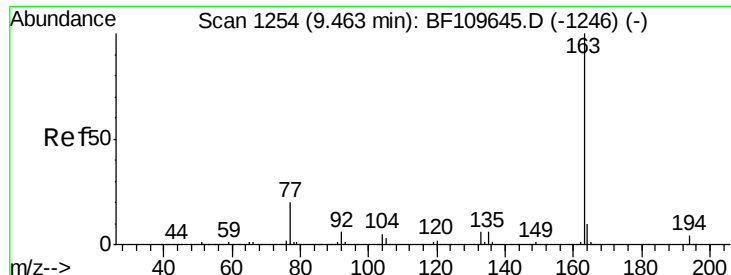
#48
Acenaphthylene
Concen: 43.765 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.3	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

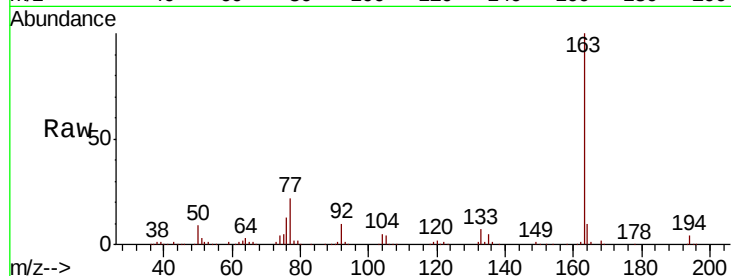




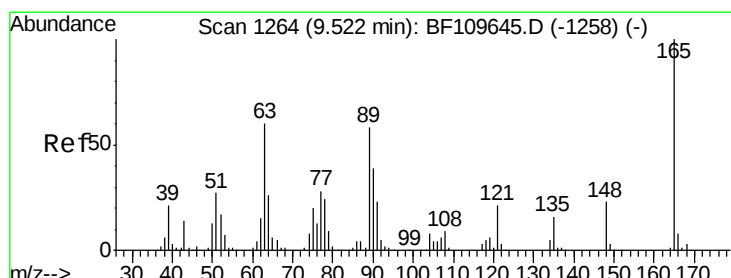
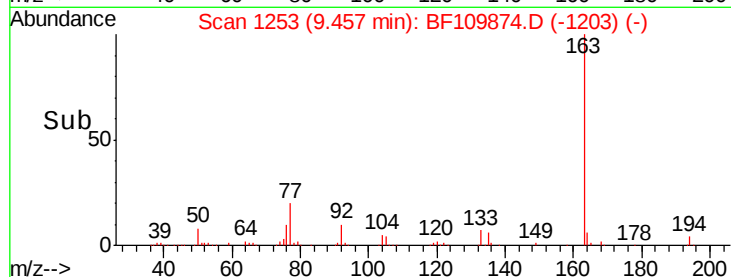
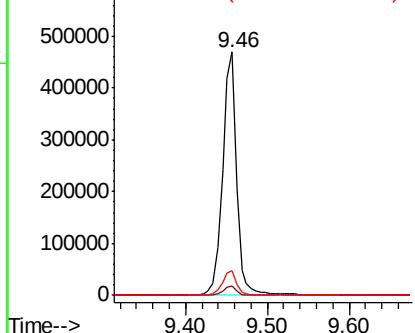
#49
Dimethylphthalate
Concen: 45.809 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	8.1	12.1

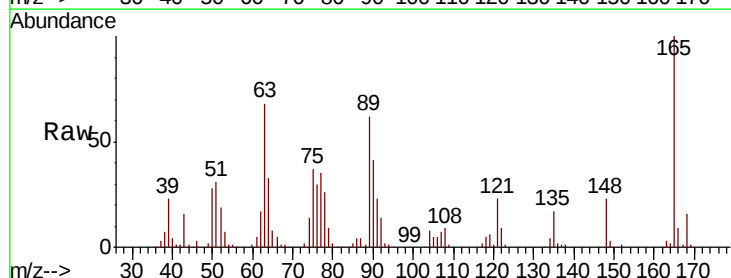


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

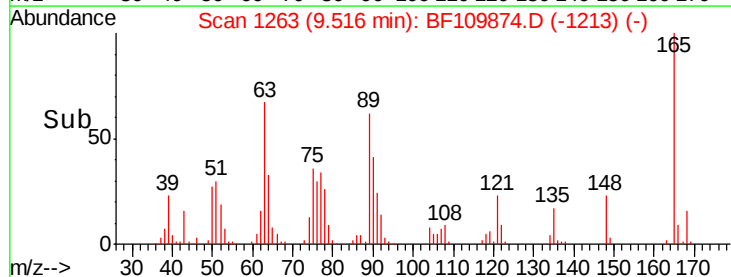
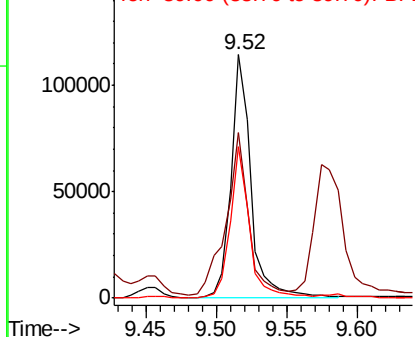


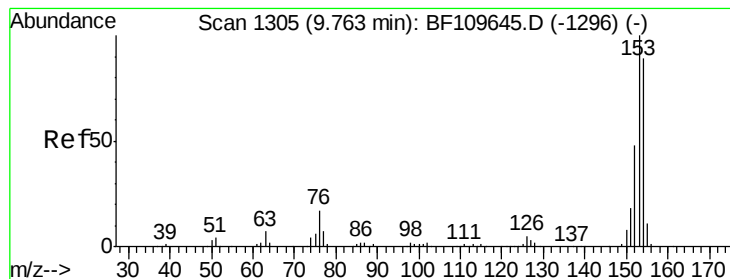
#50
2,6-Dinitrotoluene
Concen: 42.513 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.8	48.9	73.3
89	62.2	46.6	69.8



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





#51

Acenaphthene

Concen: 40.582 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

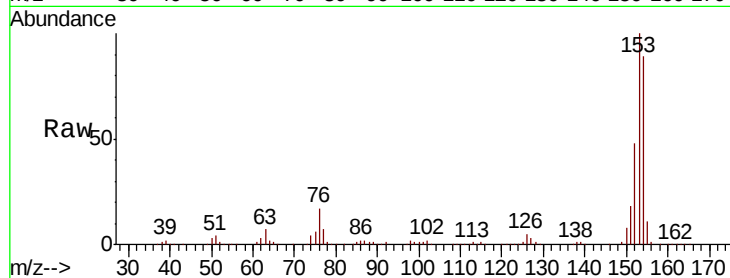
Tot Ion:154 Resp: 393782

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

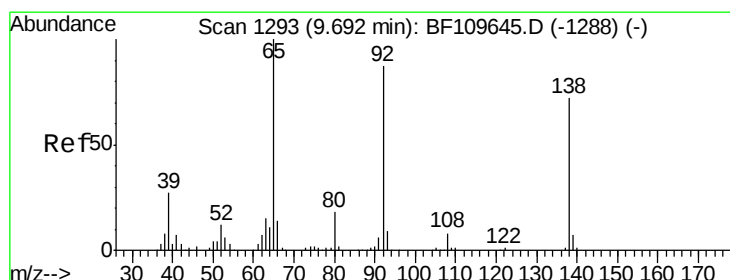
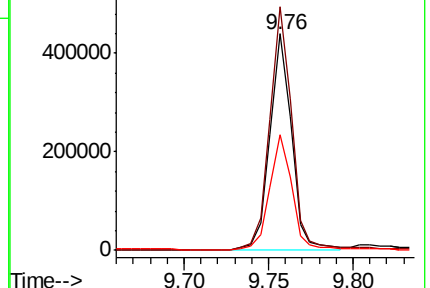
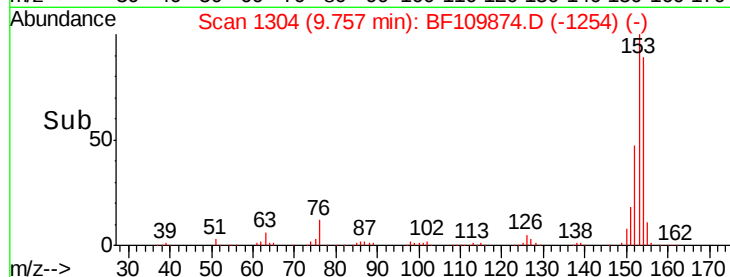
152 53.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.193 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

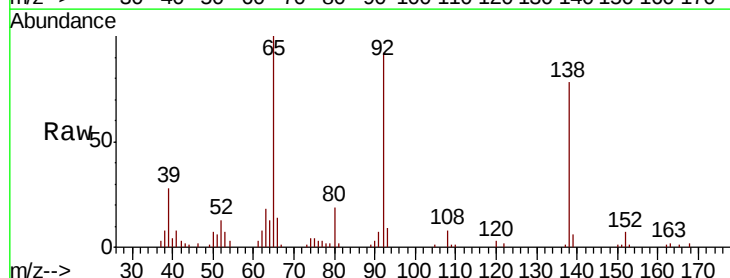
Tgt Ion:138 Resp: 54389

Ion Ratio Lower Upper

138 100

108 10.8 8.7 13.1

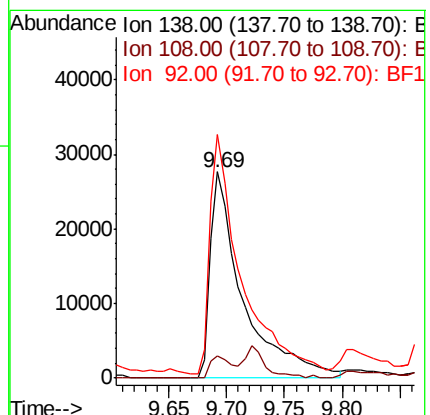
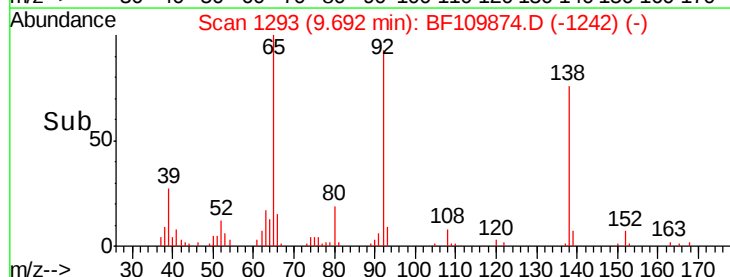
92 118.2 97.0 145.4

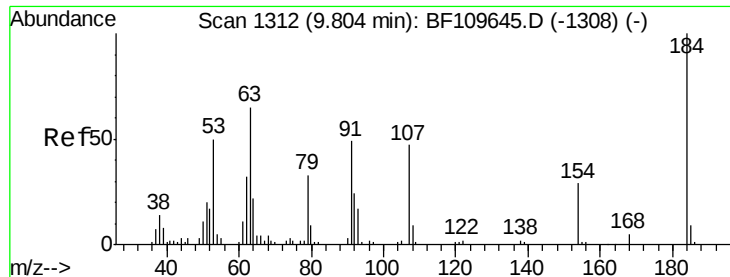


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

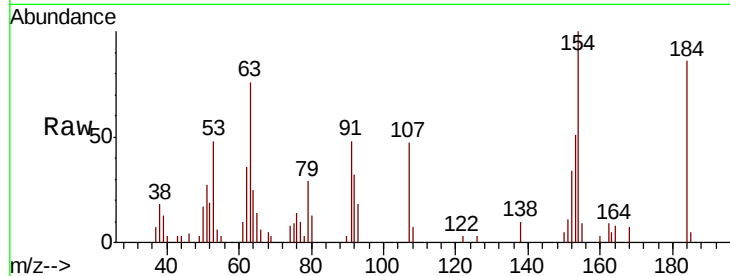




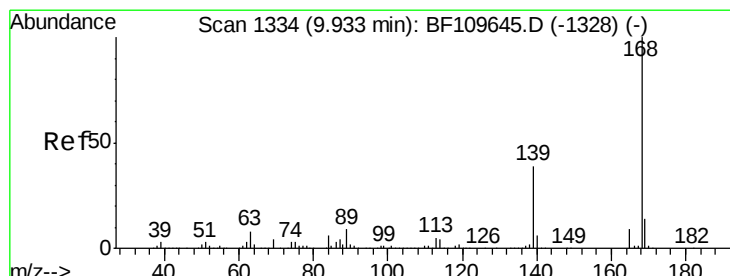
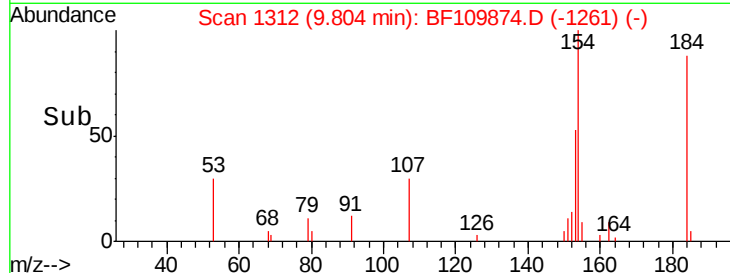
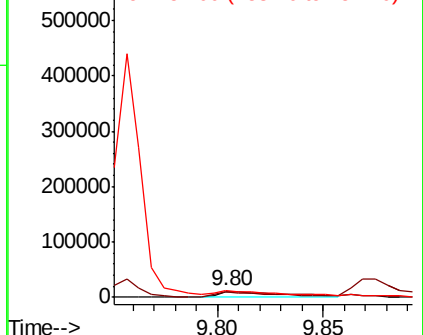
#53
 2,4-Dinitrophenol
 Concen: 28.555 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion:184 Resp: 24570
 Ion Ratio Lower Upper
 184 100
 63 88.7 55.8 83.6#
 154 116.9 63.2 94.8#

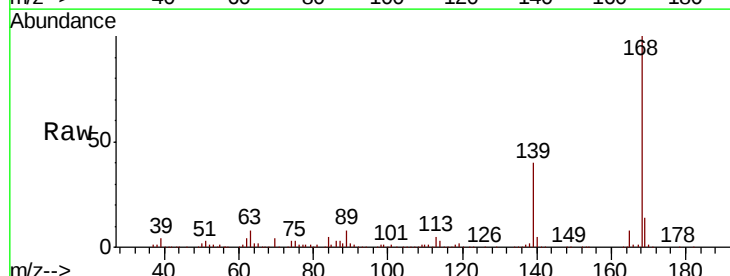


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

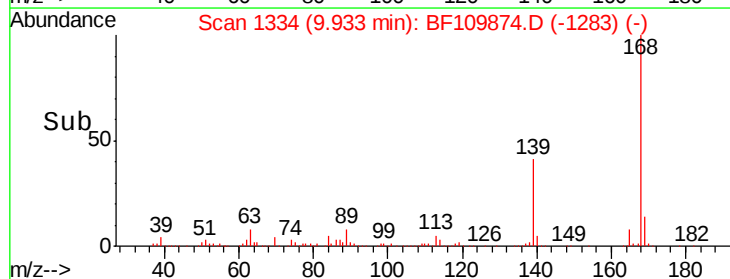
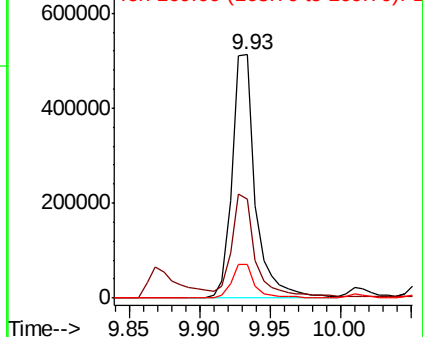


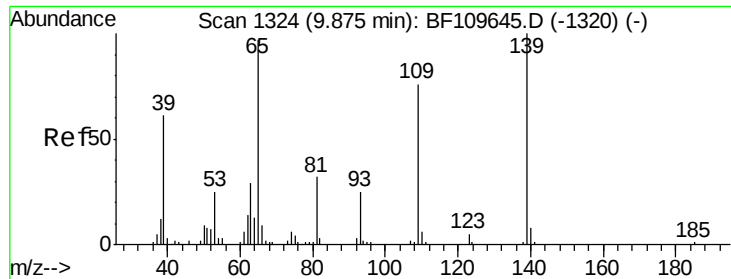
#54
 Dibenzofuran
 Concen: 40.821 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion:168 Resp: 593740
 Ion Ratio Lower Upper
 168 100
 139 40.5 33.0 49.6
 169 13.7 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

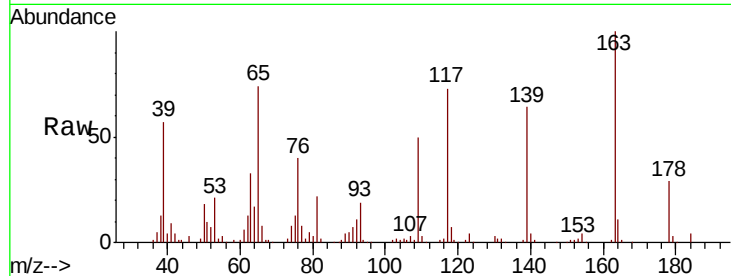




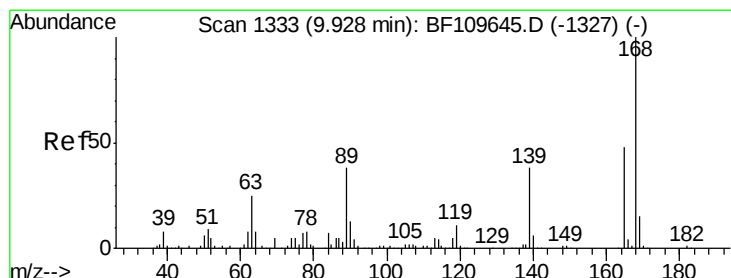
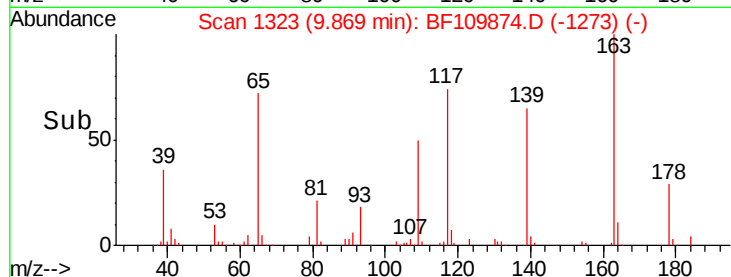
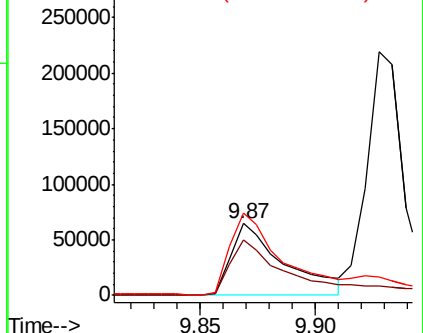
#55
4-Nitrophenol
Concen: 63.331 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion:139 Resp: 103634
Ion Ratio Lower Upper
139 100
109 77.5 55.8 95.8
65 115.5 77.9 117.9

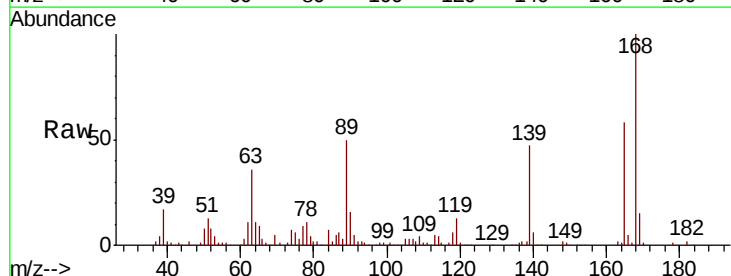


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

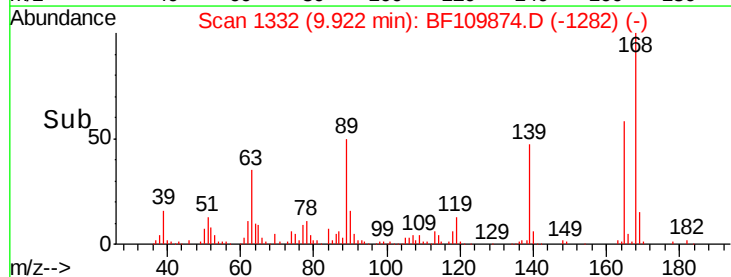
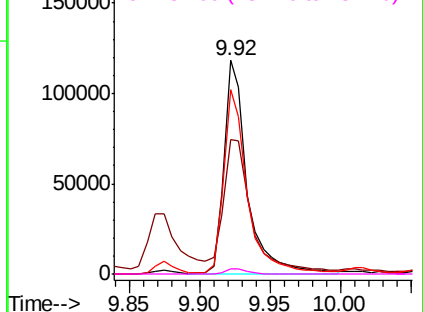


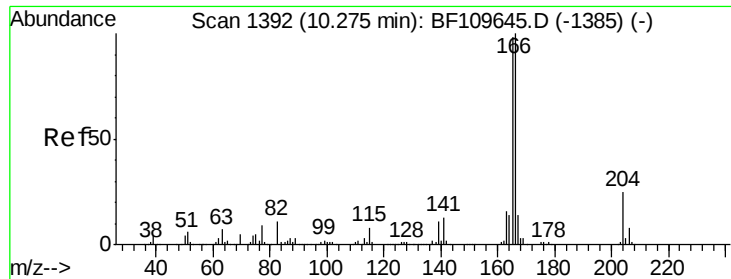
#56
2,4-Dinitrotoluene
Concen: 40.123 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:165 Resp: 133539
Ion Ratio Lower Upper
165 100
63 62.9 44.8 67.2
89 86.1 62.2 93.4
182 2.7 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: 42.176 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

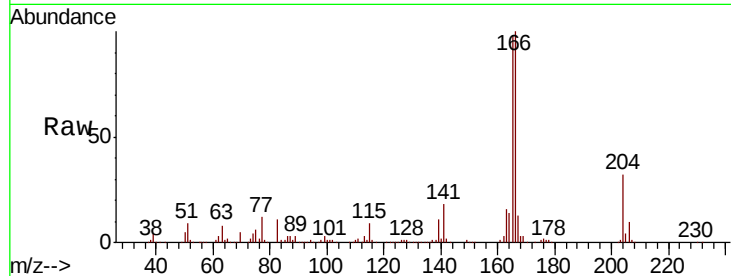
Tot Ion:166 Resp: 458108

Ion Ratio Lower Upper

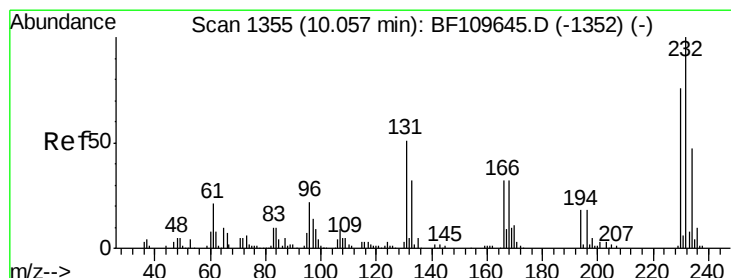
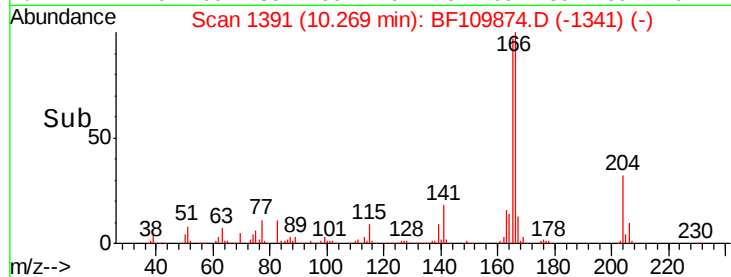
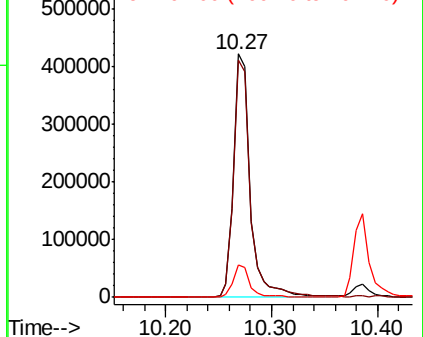
166 100

165 97.6 78.6 117.8

167 13.4 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: 41.039 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Tgt Ion:232 Resp: 130938

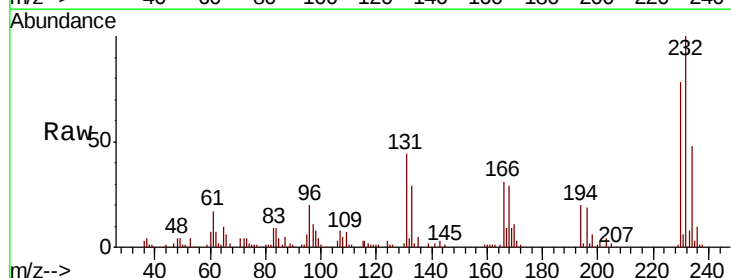
Ion Ratio Lower Upper

232 100

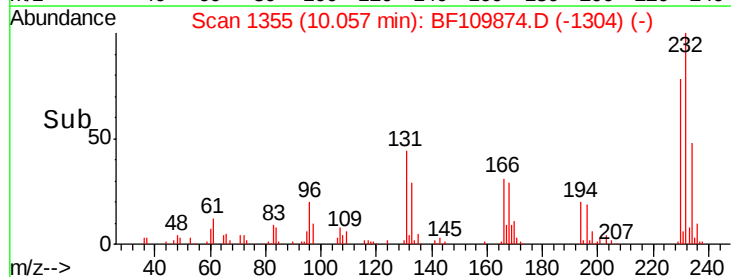
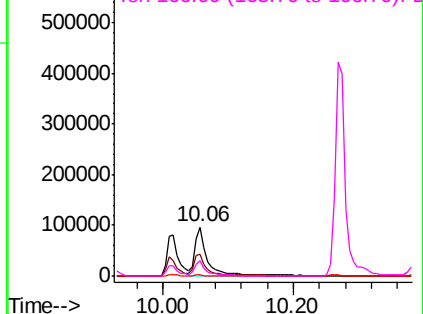
131 41.8 37.0 55.4

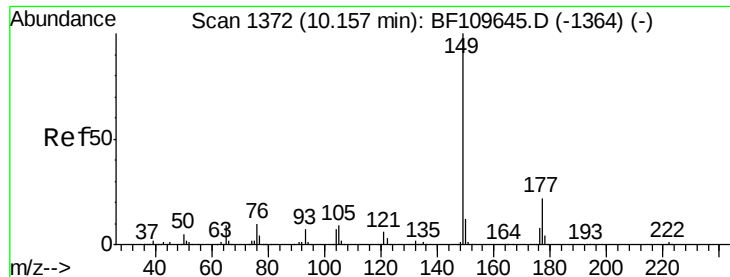
130 1.9 1.8 2.6

166 26.0 22.0 33.0



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

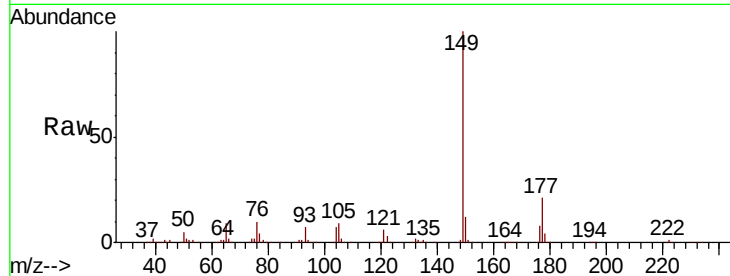




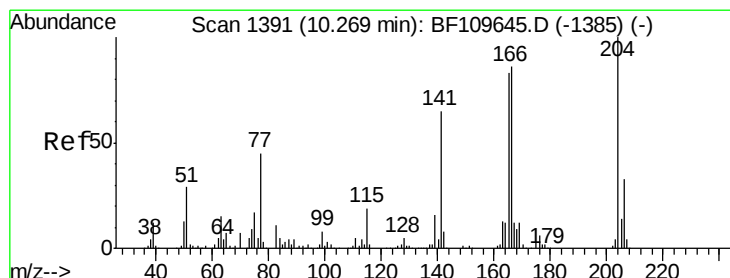
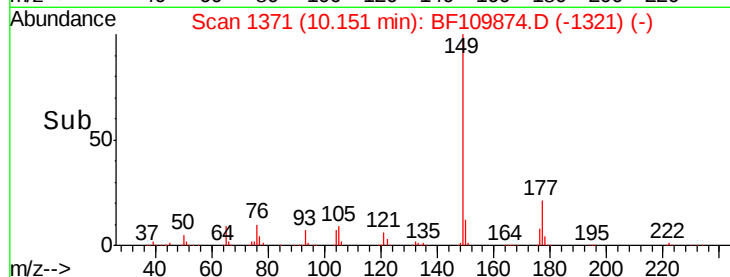
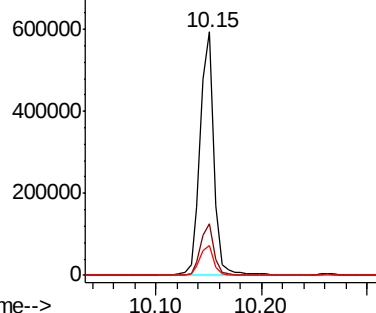
#59
Diethylphthalate
Concen: 44.189 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion:149 Resp: 538674
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.2 9.8 14.8

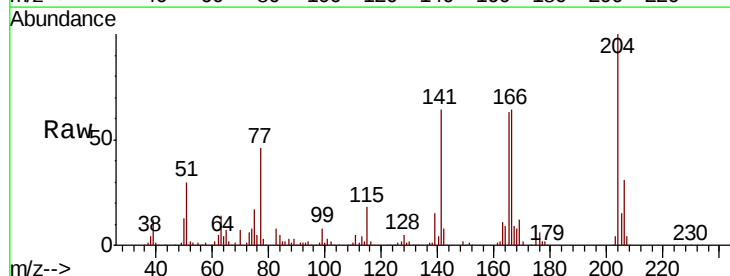


Abundance Ion 149.00 (148.70 to 149.70): E
800000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

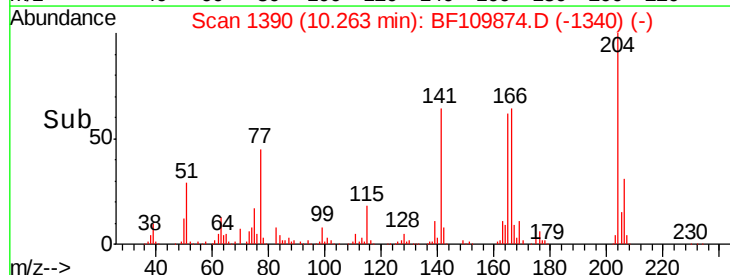
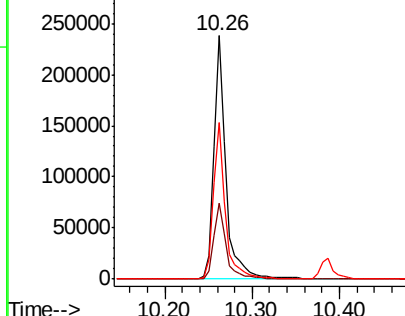


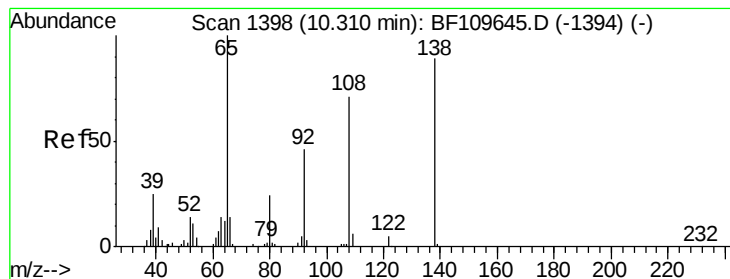
#60
4-Chlorophenyl-phenylether
Concen: 40.050 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:204 Resp: 229502
Ion Ratio Lower Upper
204 100
206 31.4 26.5 39.7
141 64.3 51.8 77.8



Abundance Ion 204.00 (203.70 to 204.70): E
300000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.952 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

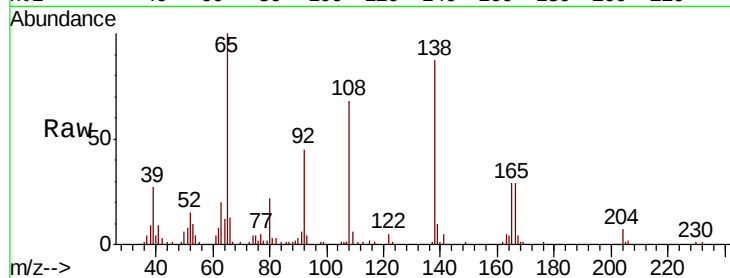
Tot Ion:138 Resp: 85694

Ion Ratio Lower Upper

138 100

92 51.8 31.7 71.7

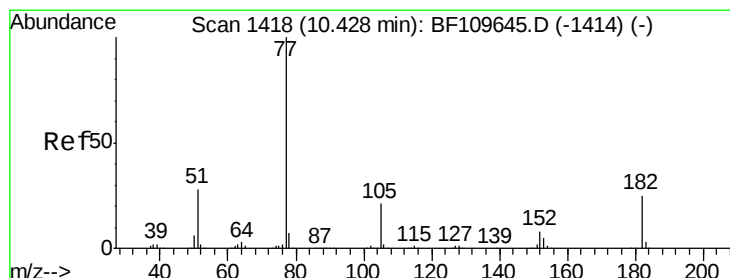
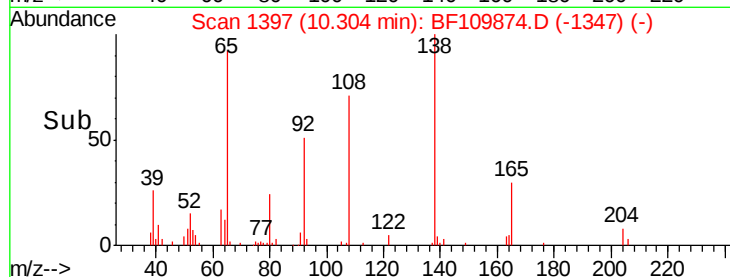
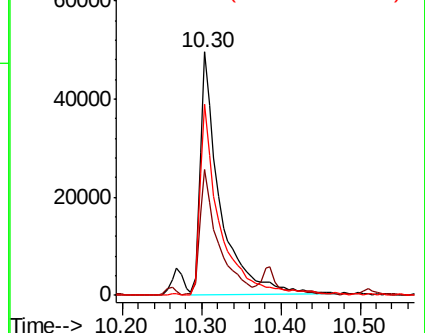
108 78.3 59.3 99.3



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: 40.512 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Tgt Ion: 77 Resp: 501499

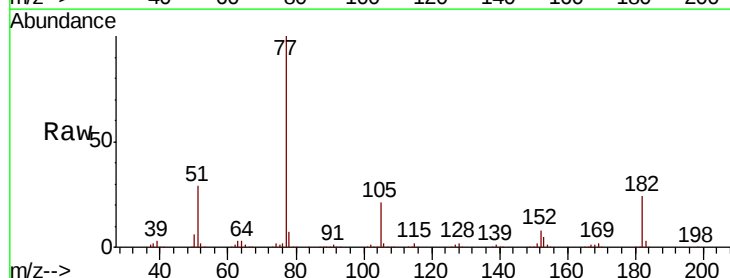
Ion Ratio Lower Upper

77 100

182 23.7 4.3 44.3

105 21.0 1.3 41.3

51 28.7 9.0 49.0

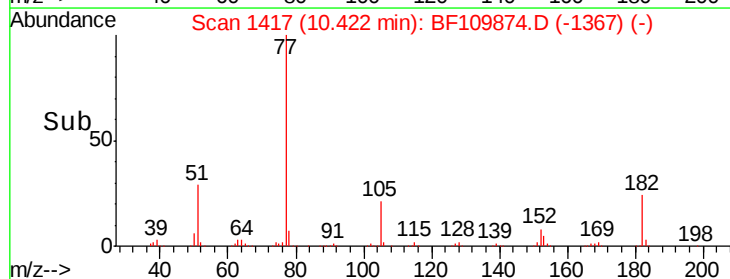
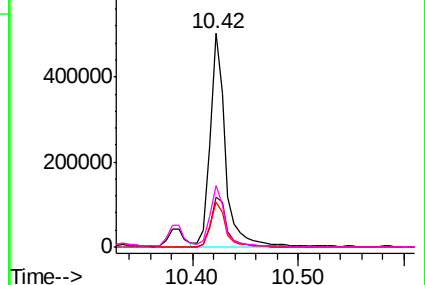


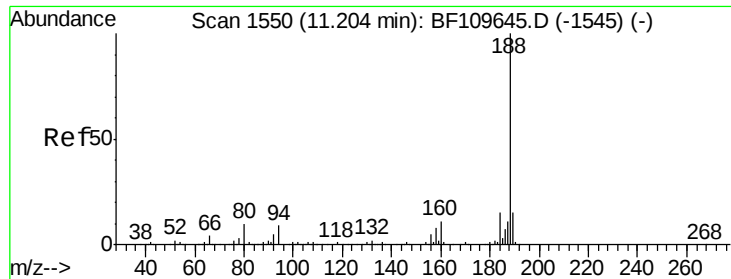
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

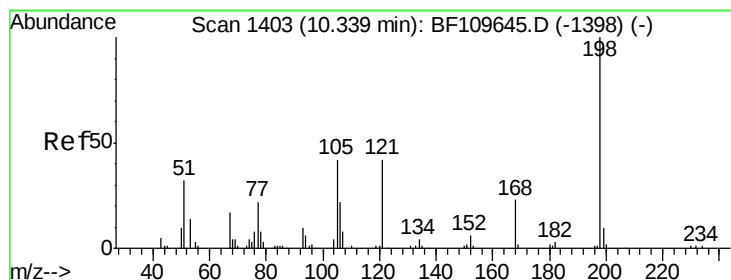
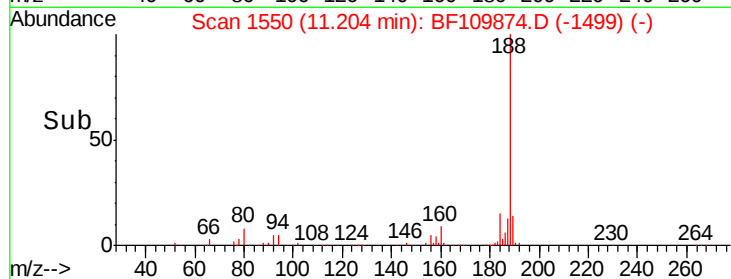
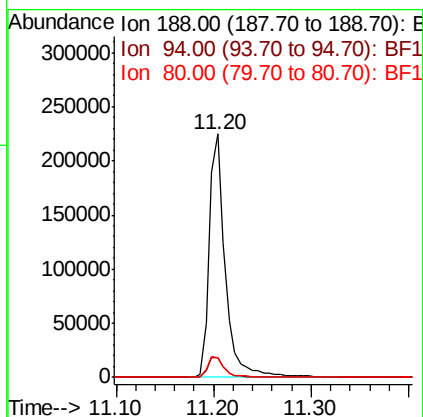
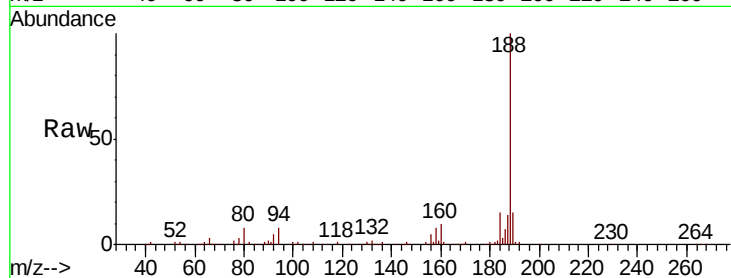




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

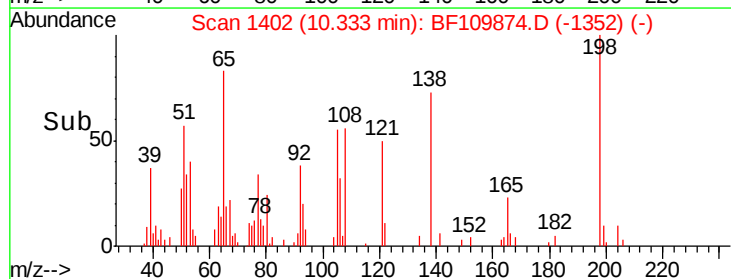
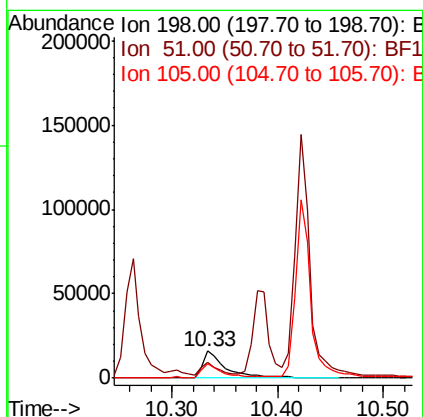
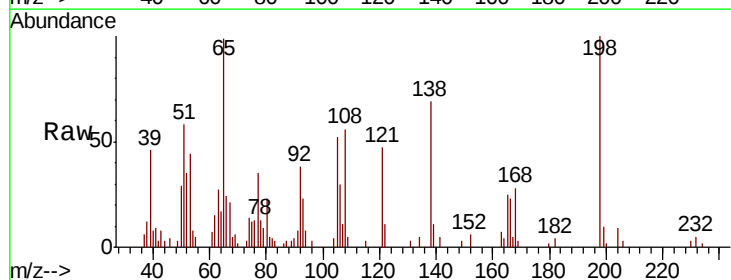
Instrument :
BNA_F
ClientSampleId :
PB113650BS

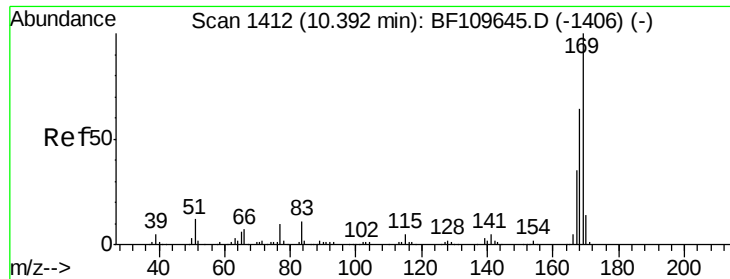
Tot Ion:188 Resp: 256118
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.1 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 19.744 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:198 Resp: 24612
Ion Ratio Lower Upper
198 100
51 58.1 22.8 62.8
105 52.0 23.6 63.6

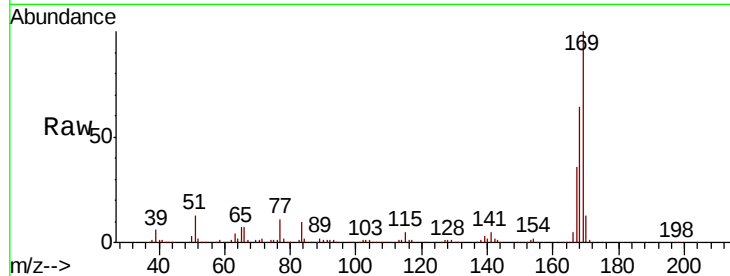




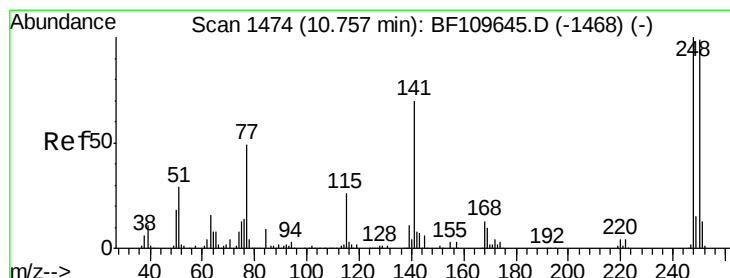
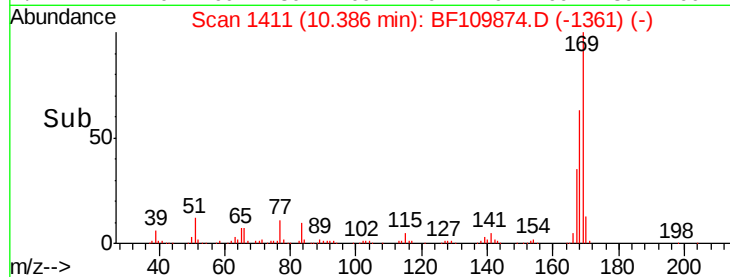
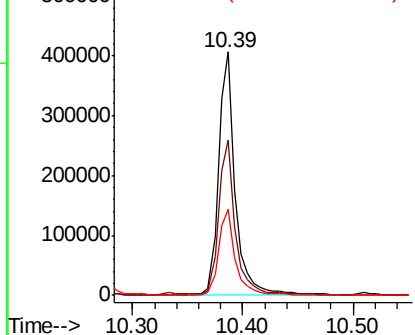
#65
n-Nitrosodiphenylamine
Concen: 48.702 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion:169 Resp: 422852
Ion Ratio Lower Upper
169 100
168 63.8 51.2 76.8
167 35.5 27.8 41.6

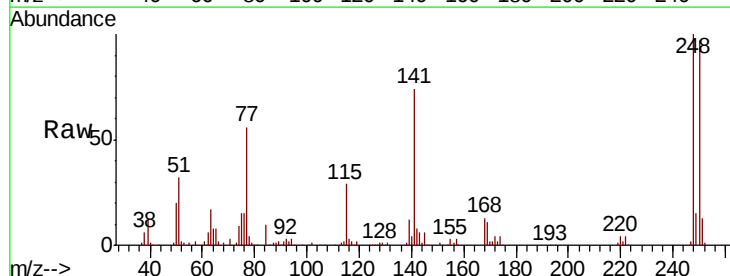


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

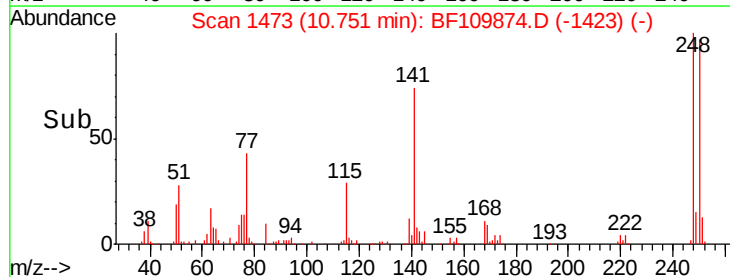
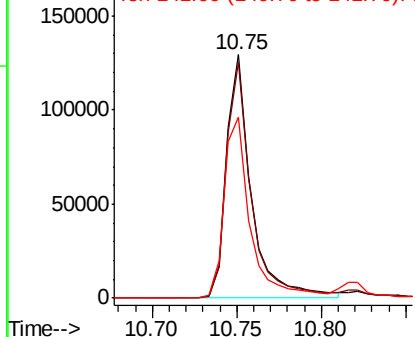


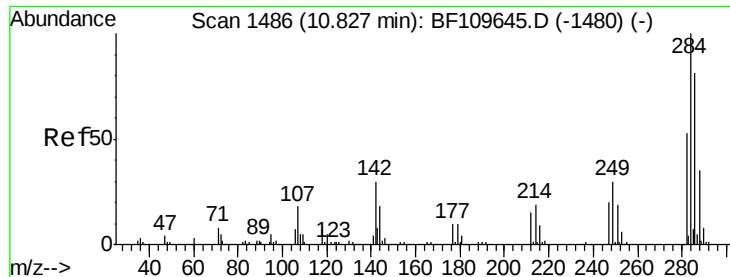
#66
4-Bromophenyl-phenylether
Concen: 45.354 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:248 Resp: 133468
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.2
141 74.2 55.9 83.9



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





#67

Hexachlorobenzene

Concen: 41.121 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

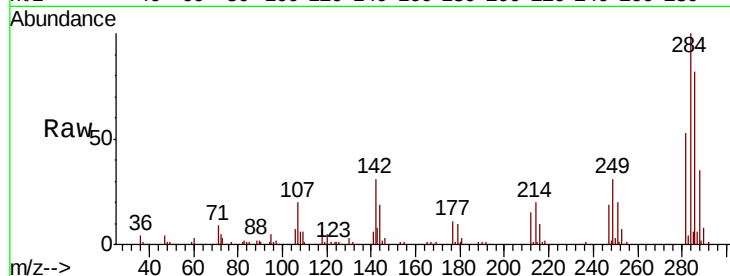
Tot Ion:284 Resp: 131038

Ion Ratio Lower Upper

284 100

142 30.7 23.9 35.9

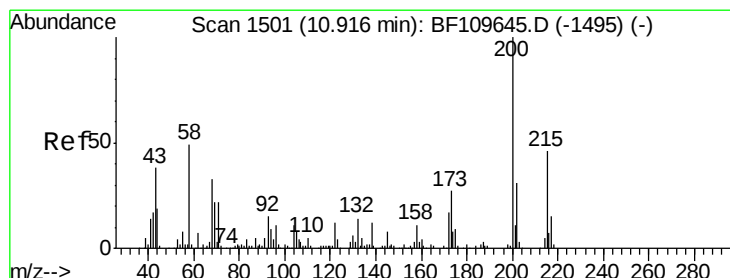
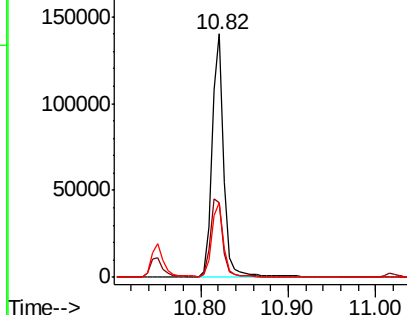
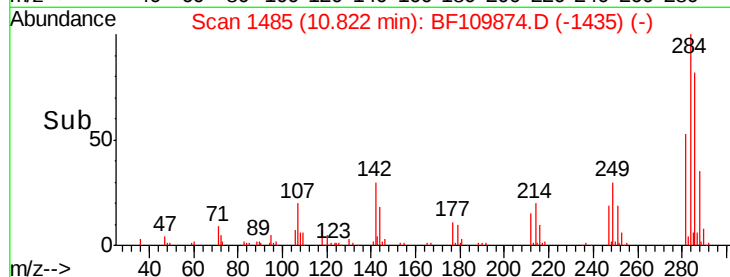
249 30.5 24.2 36.2



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: 49.746 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

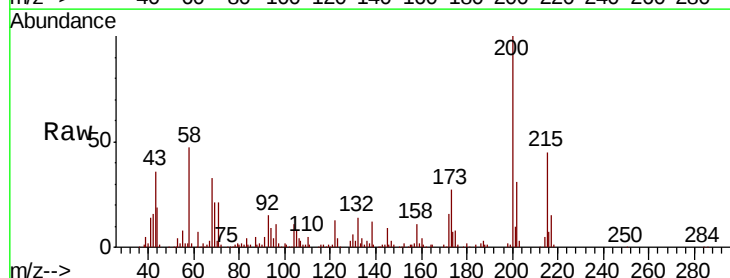
Tgt Ion:200 Resp: 134794

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

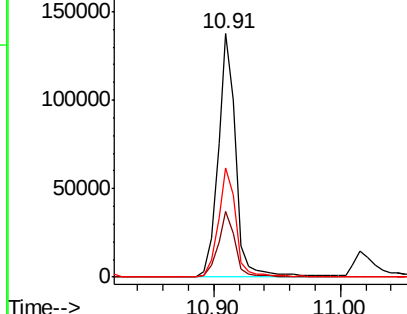
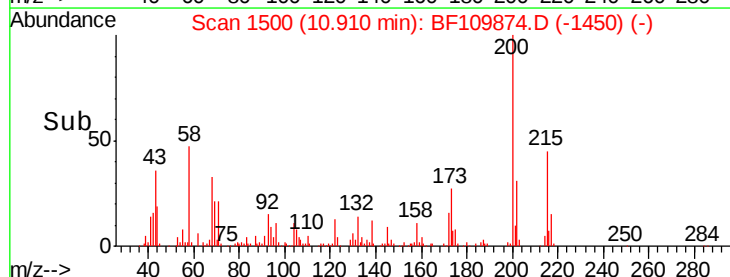
215 44.6 26.3 66.3

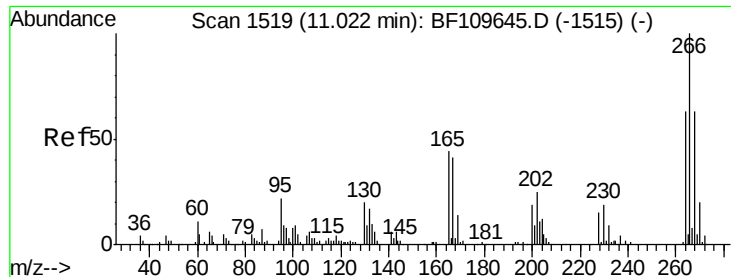


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

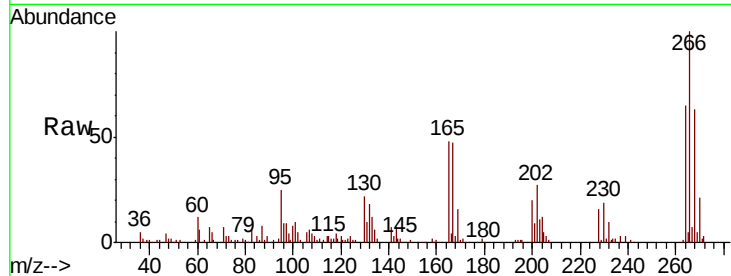




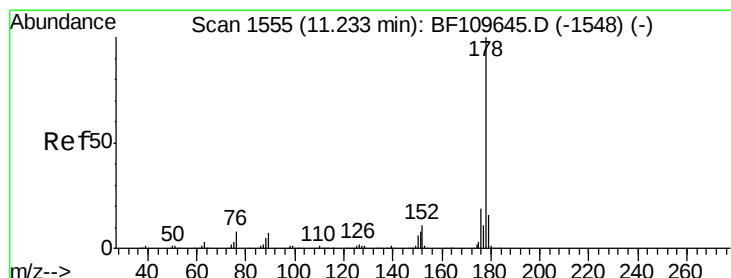
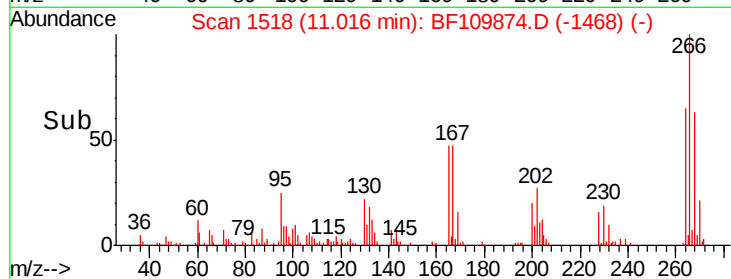
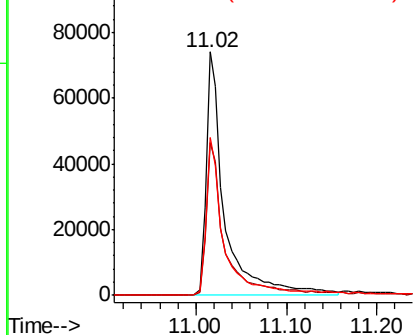
#69
 Pentachlorophenol
 Concen: 59.578 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion:266 Resp: 106832
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.6 75.8
 264 64.8 50.6 75.8

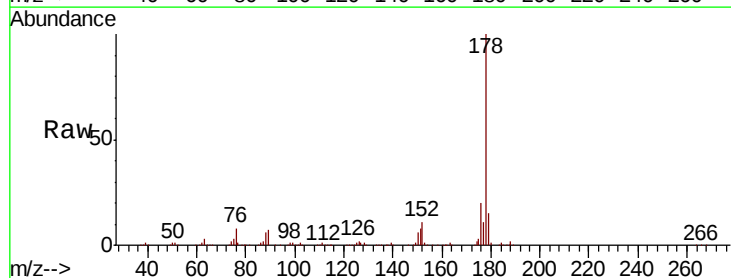


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

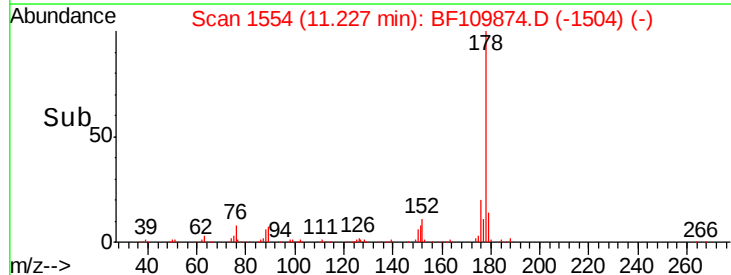
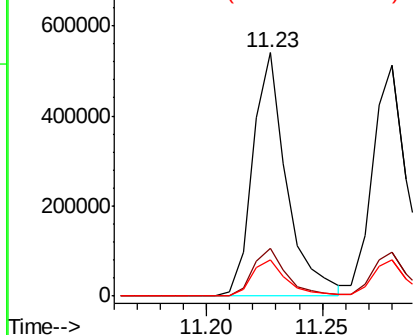


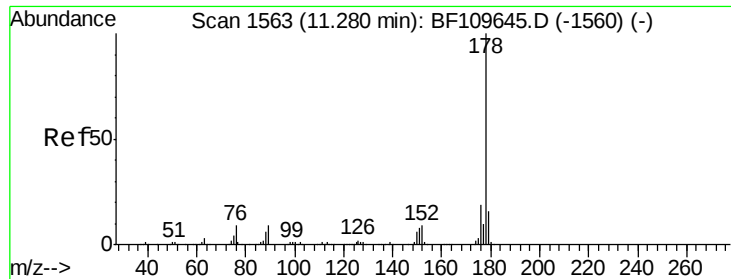
#70
 Phenanthrene
 Concen: 43.302 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion:178 Resp: 555002
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 15.1 12.5 18.7



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

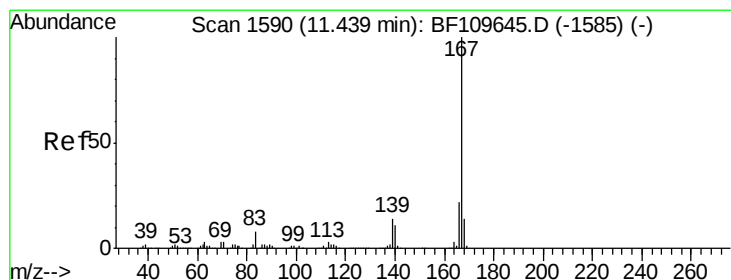
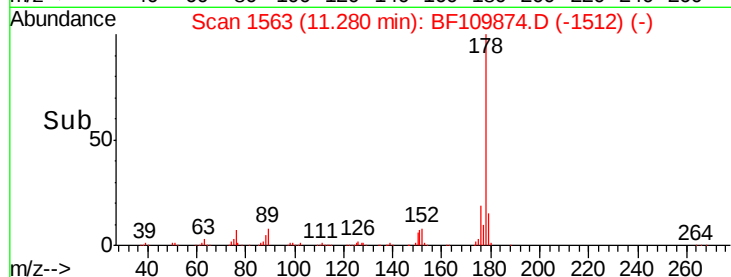
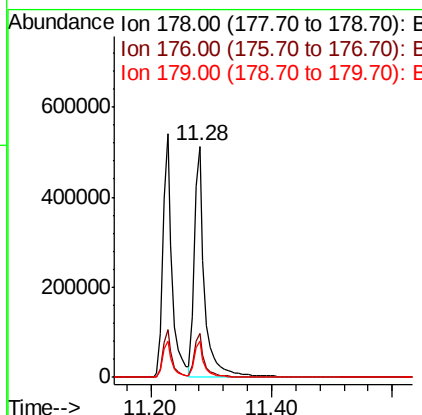
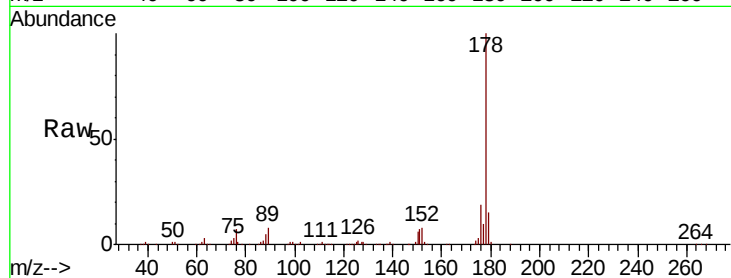




#71
 Anthracene
 Concen: 46.185 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

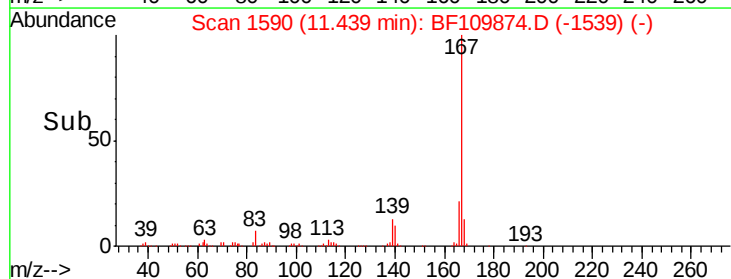
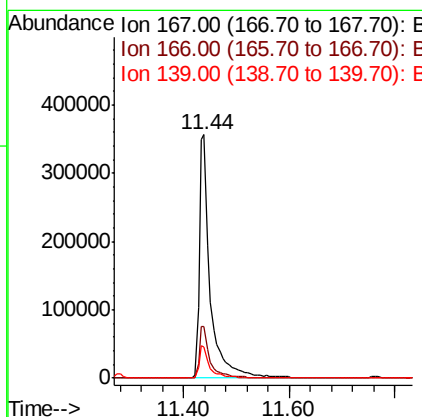
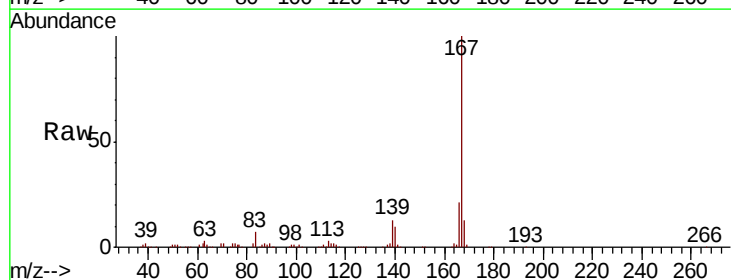
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion:178 Resp: 611919
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 40.355 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion:167 Resp: 518574
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.0 10.9 16.3

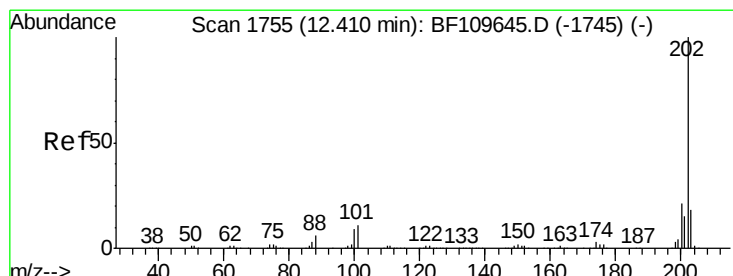
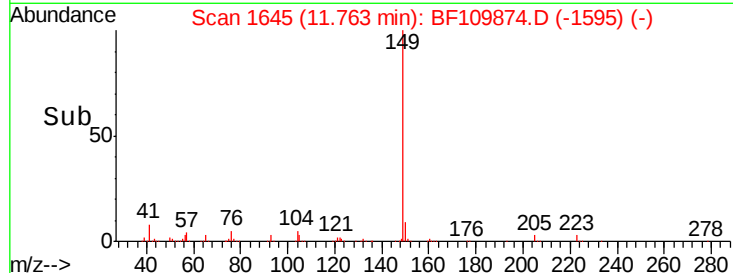
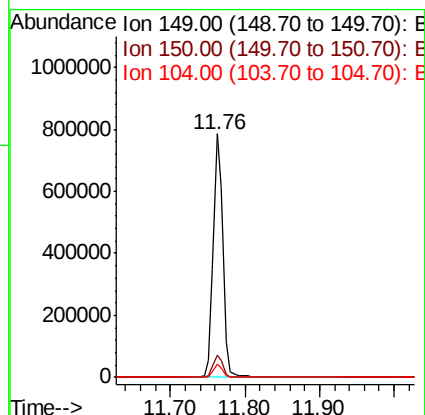
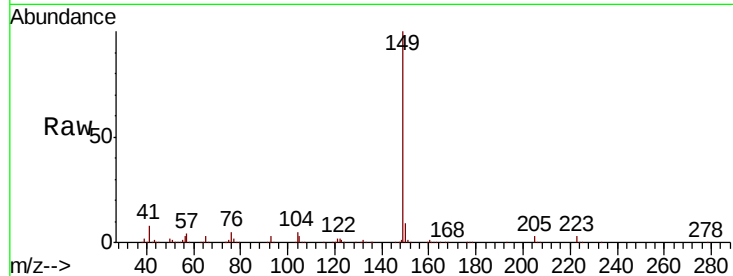




#73
Di-n-butylphthalate
Concen: 47.151 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

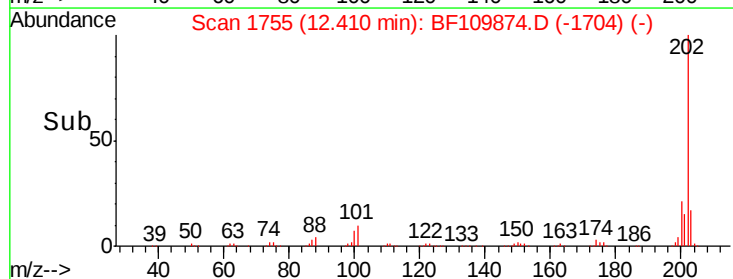
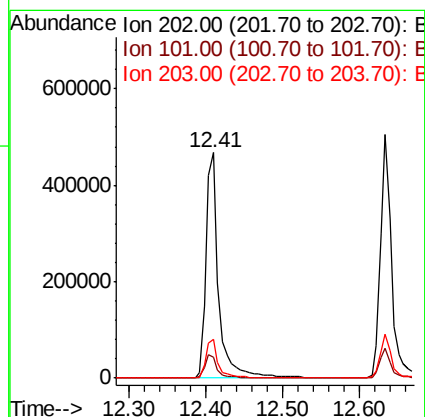
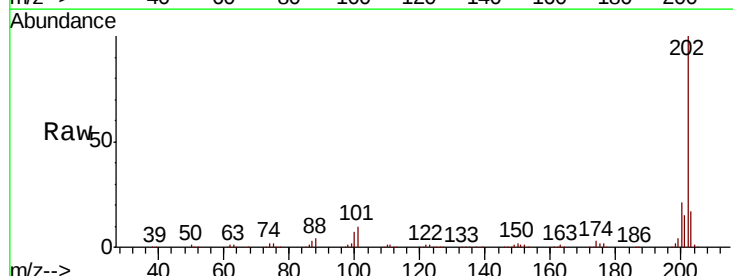
Instrument :
BNA_F
ClientSampleId :
PB113650BS

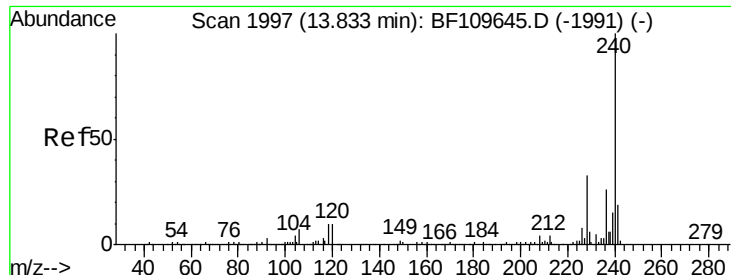
Tot Ion:149 Resp: 702754
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.3 4.2 6.4



#74
Fluoranthene
Concen: 40.327 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:202 Resp: 539976
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 17.5 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

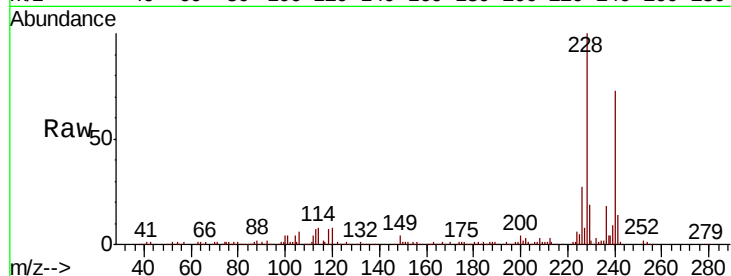
Tot Ion:240 Resp: 181958

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

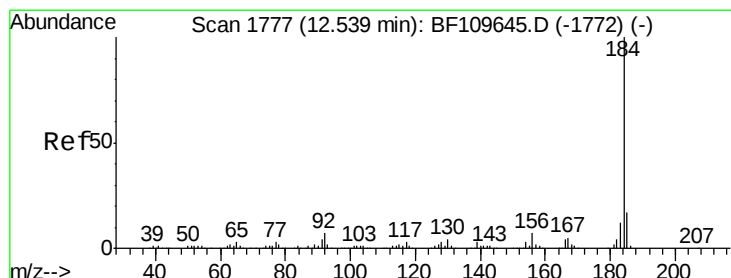
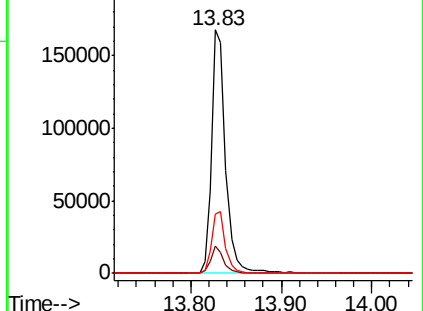
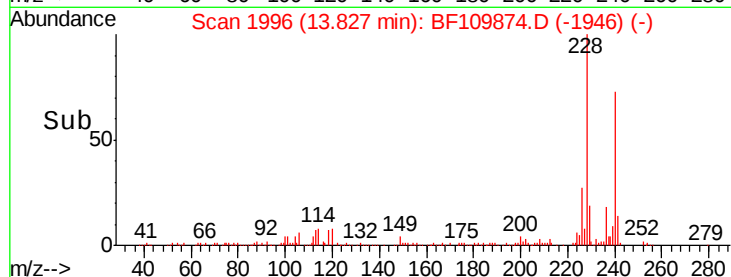
236 24.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.572 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

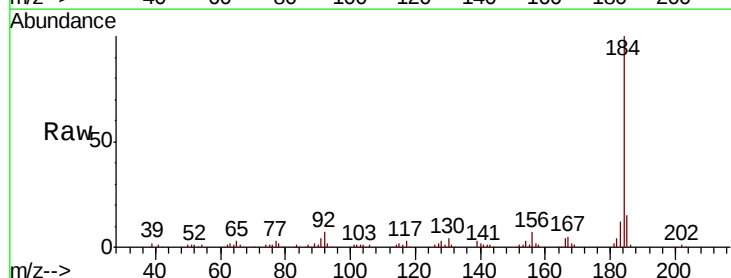
Tgt Ion:184 Resp: 247203

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

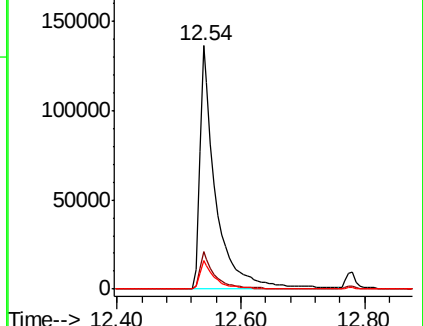
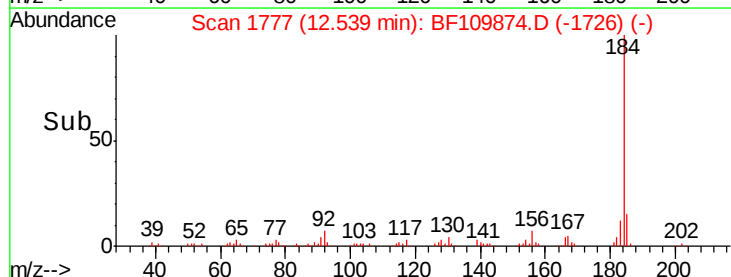
183 11.6 9.4 14.2

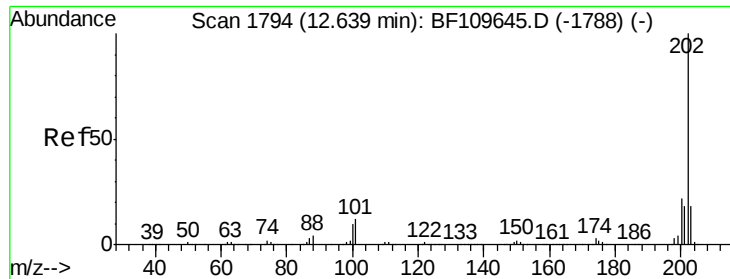


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

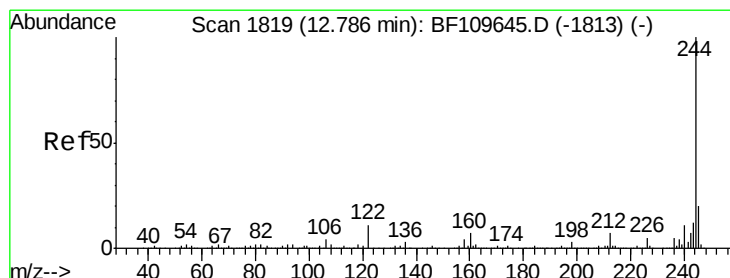
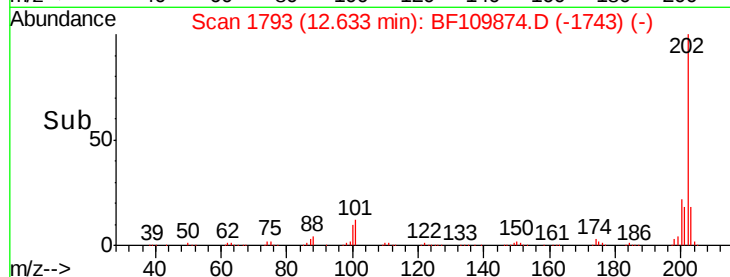
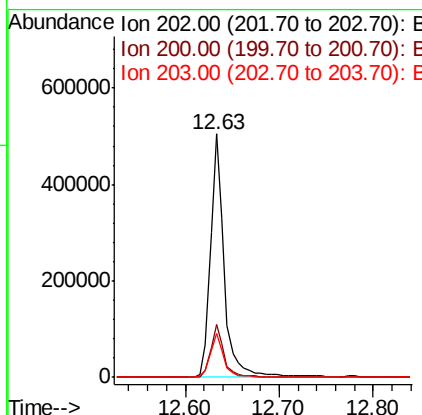
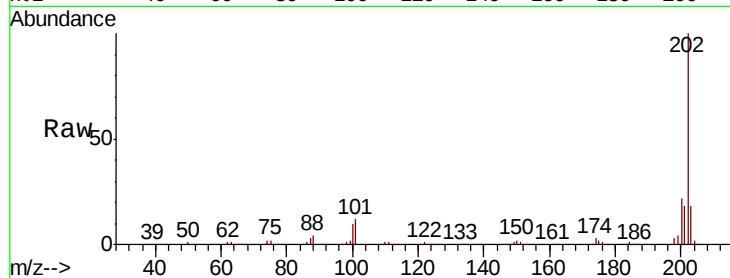




#77
Pvrene
Concen: 39.112 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

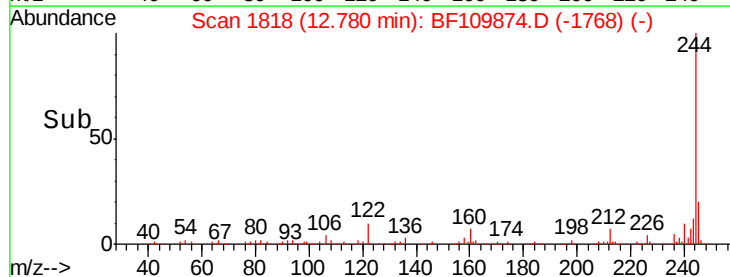
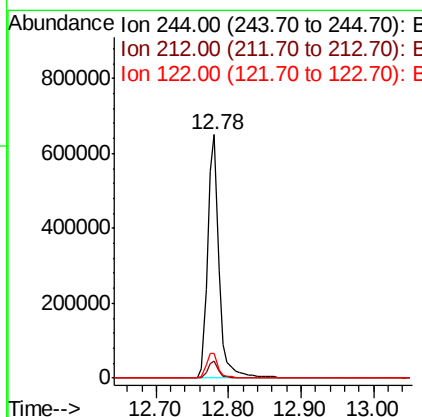
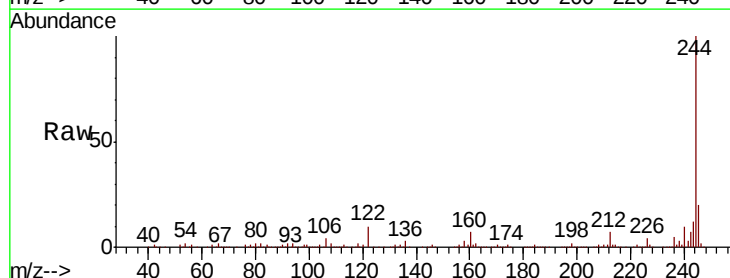
Instrument :
BNA_F
ClientSampleId :
PB113650BS

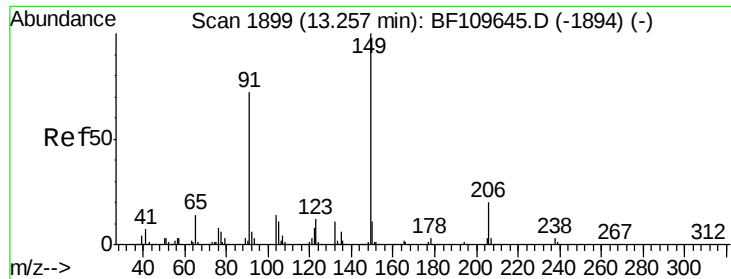
Tot Ion:202 Resp: 521413
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 17.9 14.2 21.4



#78
Terphenyl-d14
Concen: 75.732 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:244 Resp: 711838
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.0 8.7 13.1

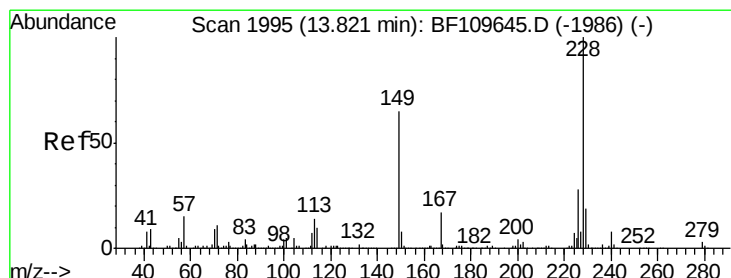
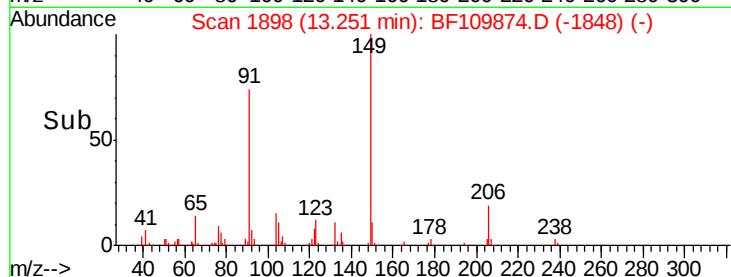
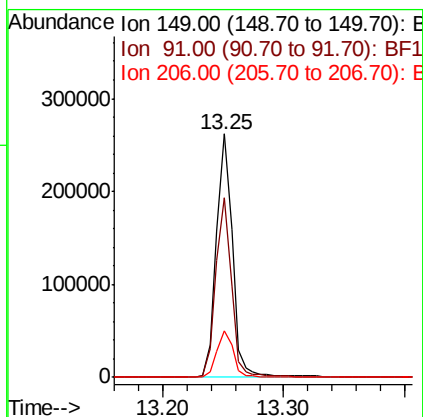
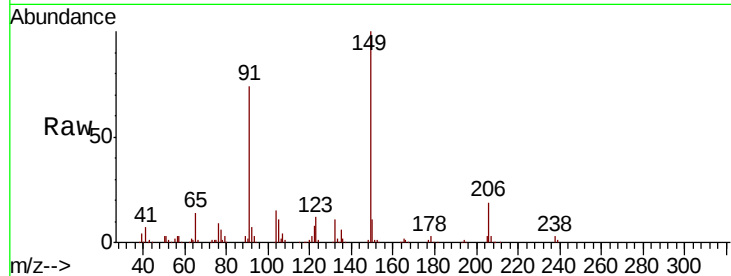




#79
Butylbenzylphthalate
Concen: 41.702 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

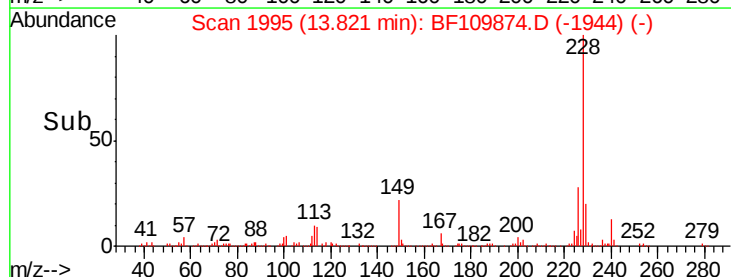
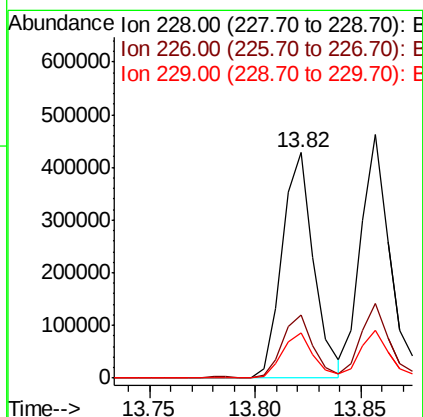
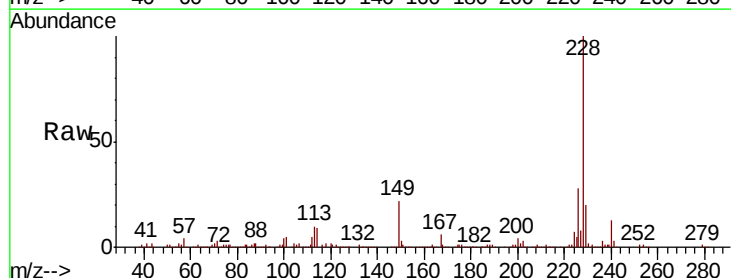
Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	57.2	85.8
206	19.3	15.7	23.5



#80
Benzo(a)anthracene
Concen: 44.682 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	19.8	15.6	23.4

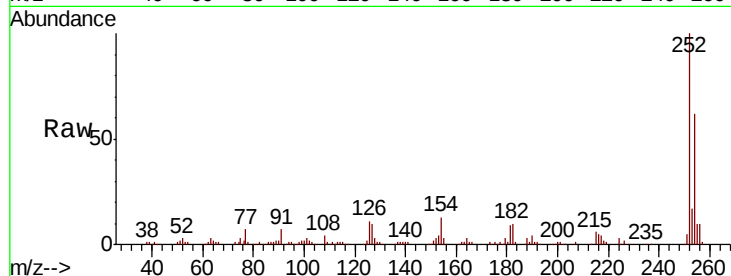




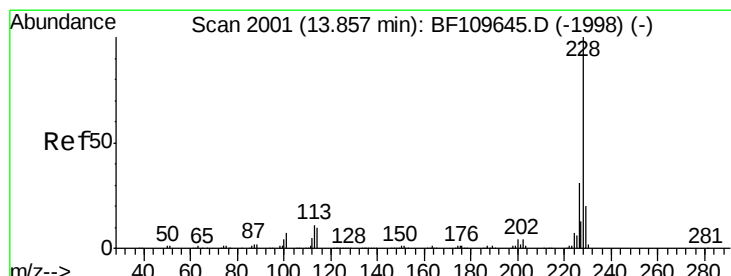
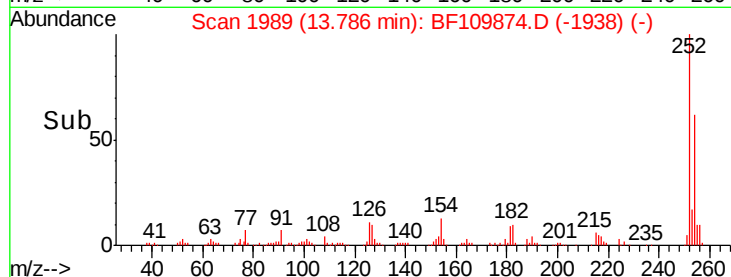
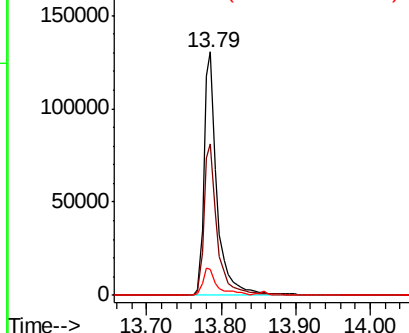
#81
 3,3'-Dichlorobenzidine
 Concen: 39.422 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.3	76.9
126	10.7	9.4	14.2

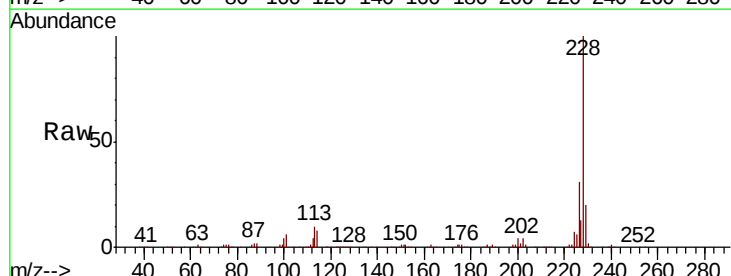


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

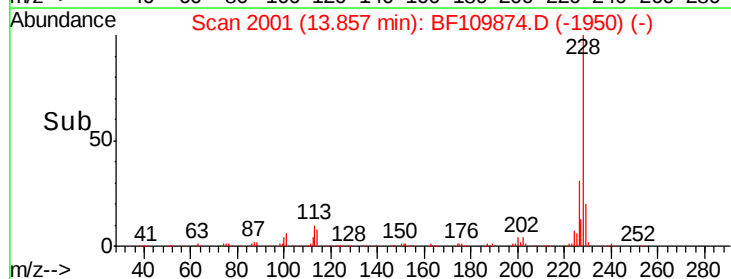
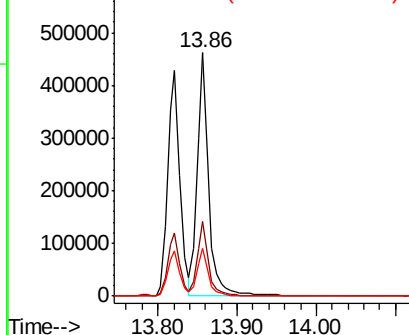


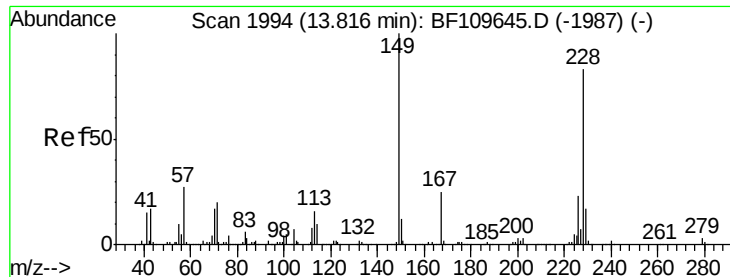
#82
 Chrysene
 Concen: 44.907 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.7	15.9	23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.947 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

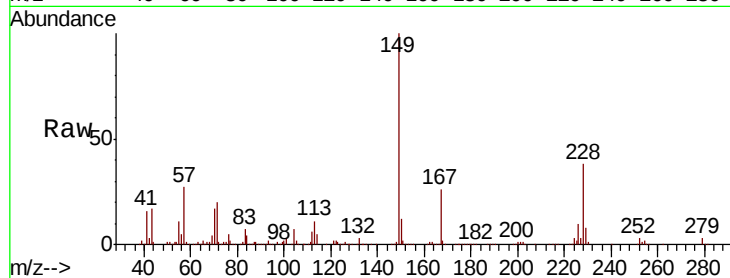
Tot Ion:149 Resp: 324004

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

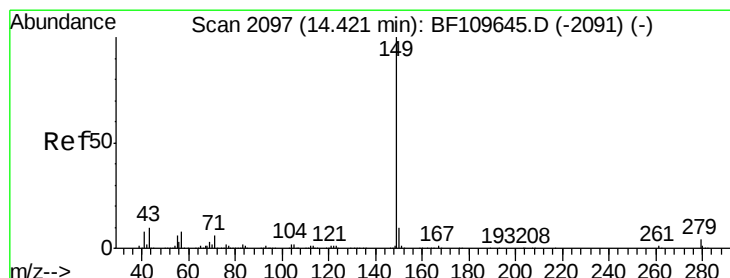
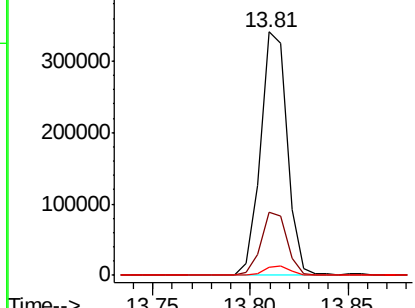
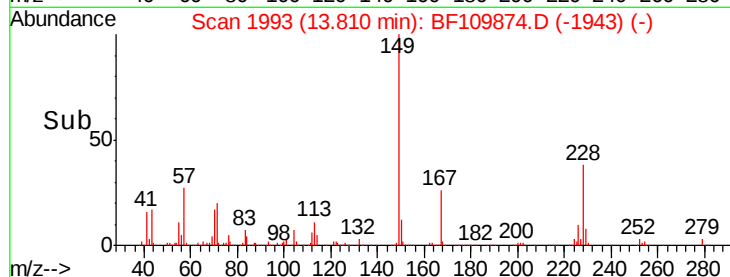
279 3.3 2.7 4.1



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: 51.298 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

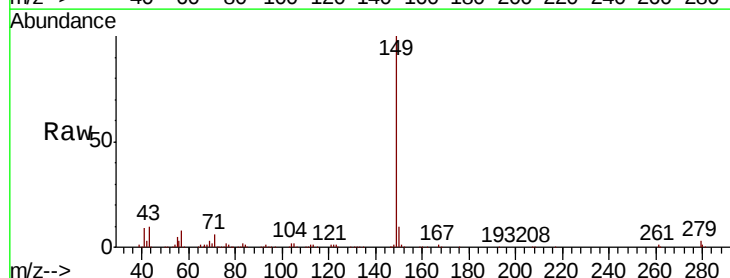
Tgt Ion:149 Resp: 571773

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

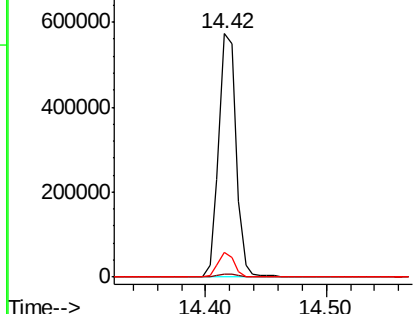
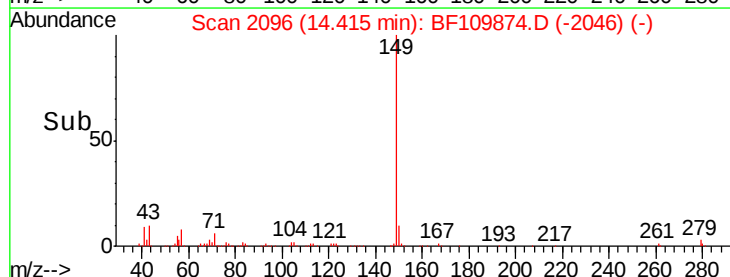
43 9.3 7.8 11.8

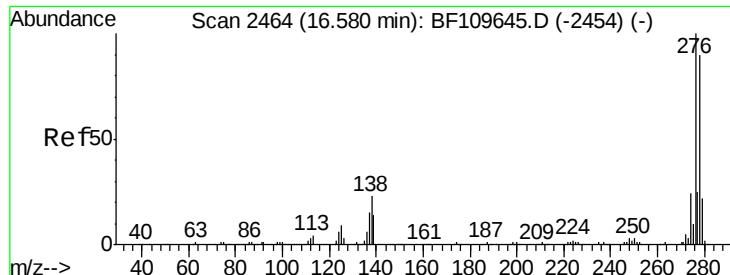


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

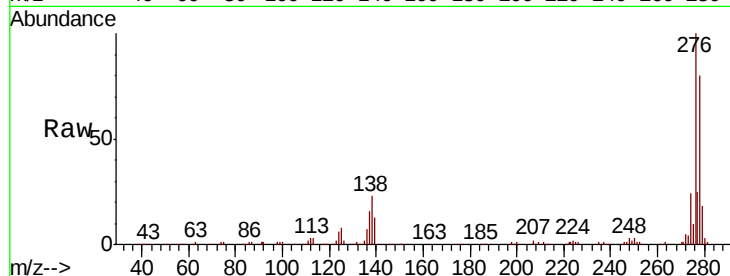




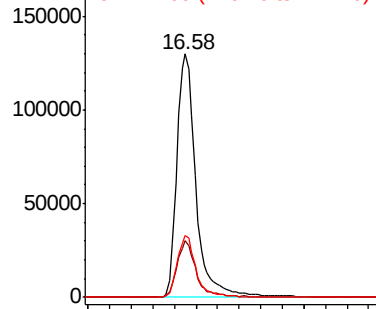
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.439 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

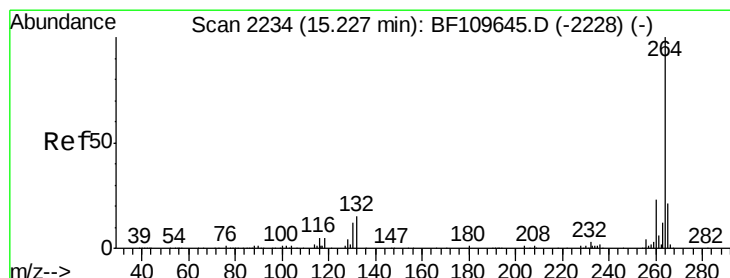
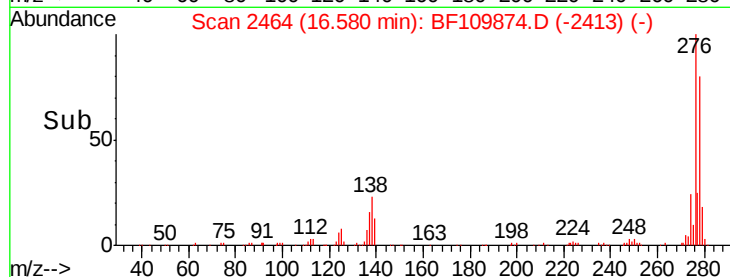
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.5	27.7
277	24.9	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

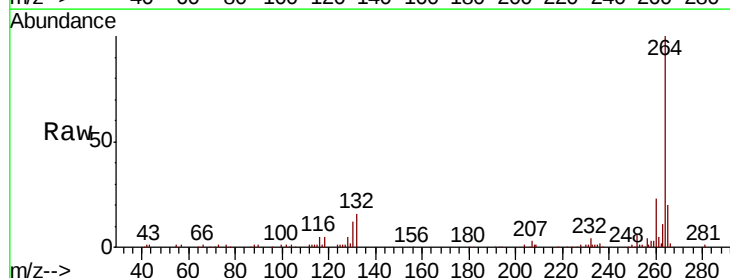


Time--> 16.40 16.60 16.80

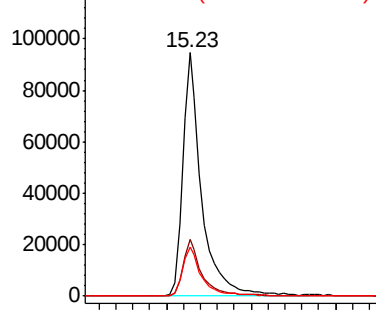


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109874.D
 Acq: 13 Oct 2018 10:04

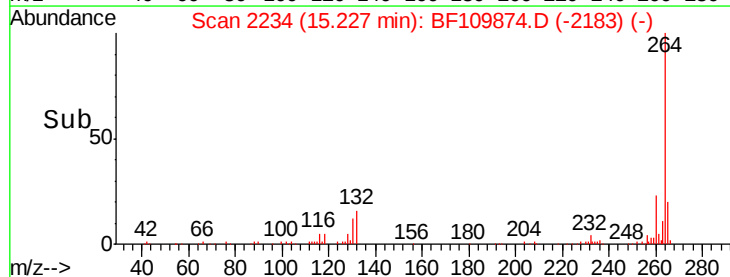
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.3	16.7	25.1

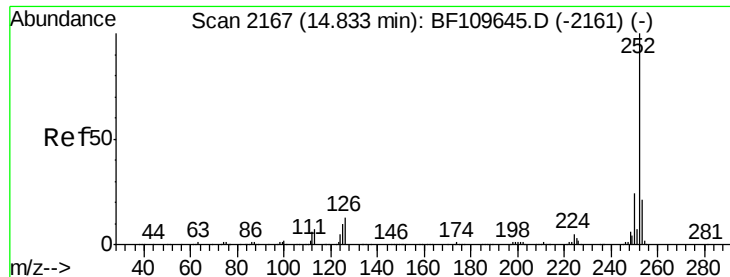


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time--> 15.20 15.30 15.40





#87

Benzo(b)fluoranthene

Concen: 42.455 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

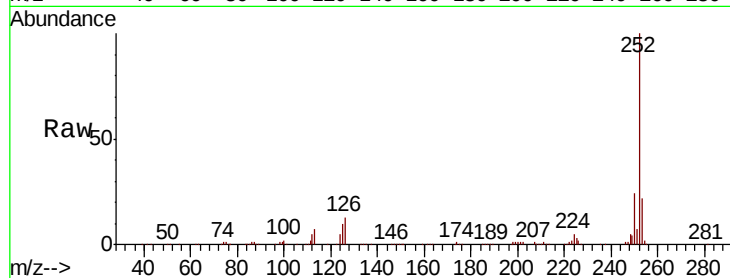
Tot Ion:252 Resp: 348704

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

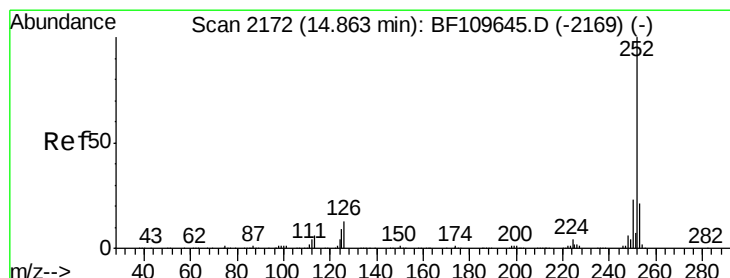
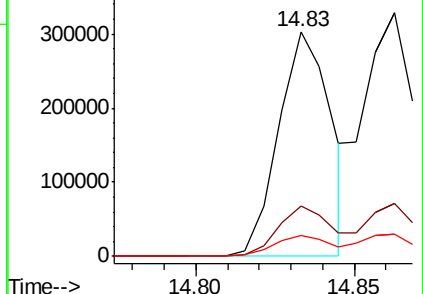
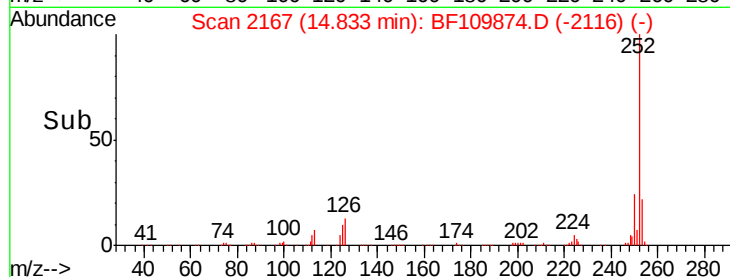
125 9.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.225 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

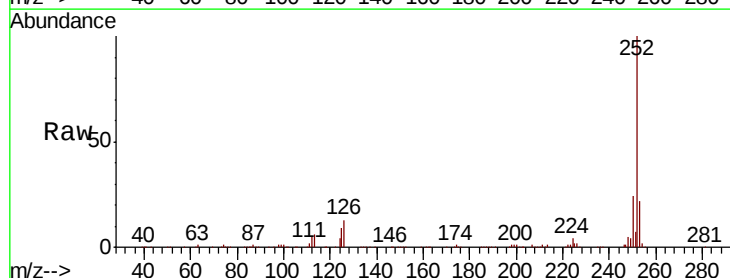
Tgt Ion:252 Resp: 439240

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

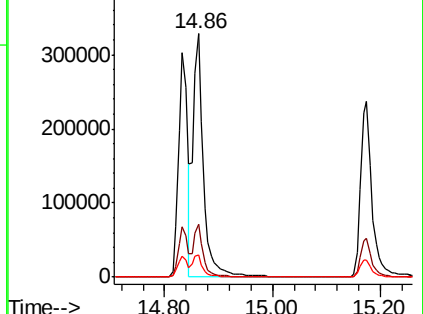
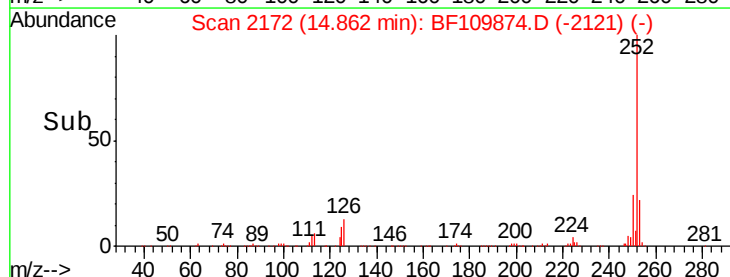
125 9.3 7.4 11.0

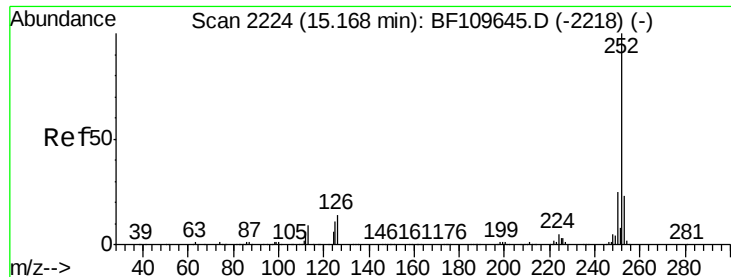


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

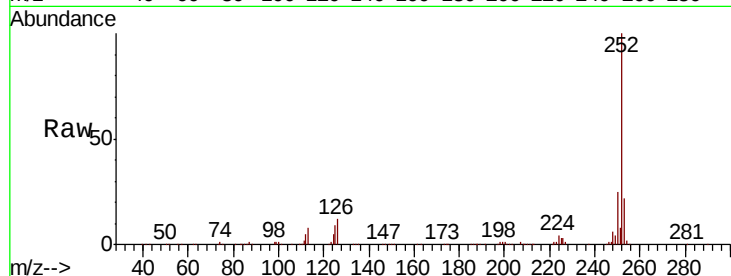




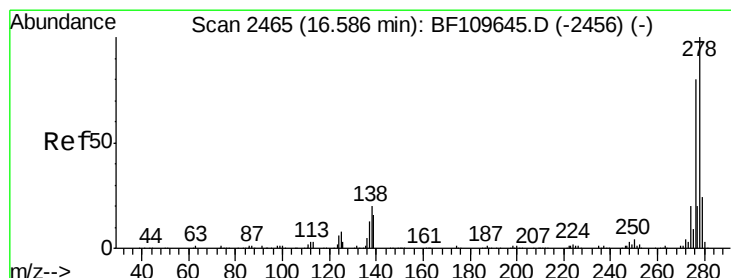
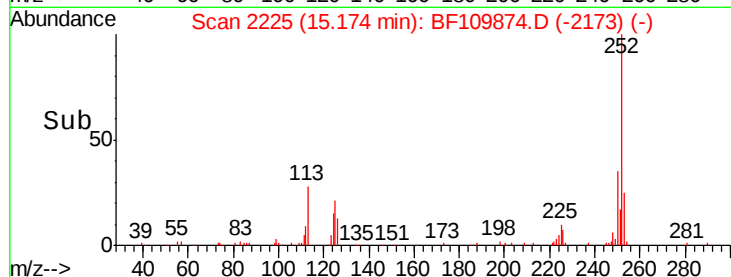
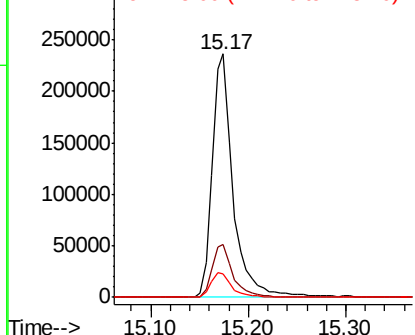
#89
Benzo(a)pyrene
Concen: 46.633 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB113650BS

Tot Ion:252 Resp: 347581
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.5 9.0 13.6

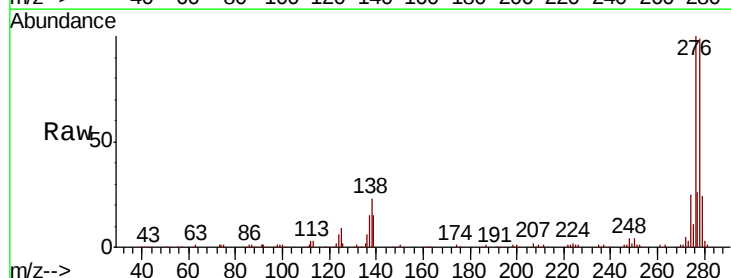


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

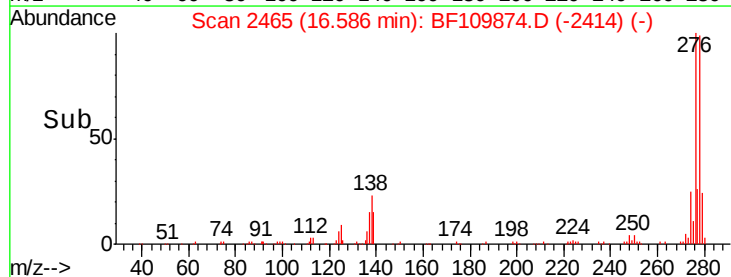
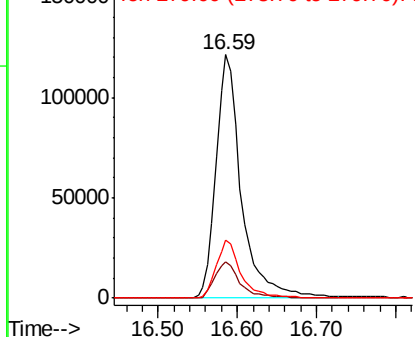


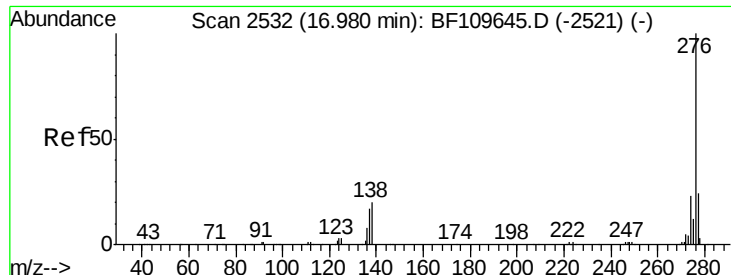
#90
Dibenzo(a,h)anthracene
Concen: 43.851 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109874.D
Acq: 13 Oct 2018 10:04

Tgt Ion:278 Resp: 268430
Ion Ratio Lower Upper
278 100
139 15.1 12.7 19.1
279 23.9 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: 42.192 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109874.D

Acq: 13 Oct 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB113650BS

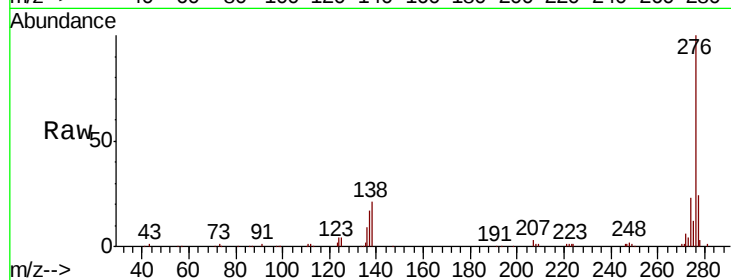
Tot Ion:276 Resp: 257912

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 20.7 16.0 24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

