

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109674.D
 Acq On : 9 Oct 2018 3:33
 Operator : JU/SJ
 Sample : J5263-02RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

Quant Time: Oct 09 04:10:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98787	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	407081	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	165800	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	284246	20.00	ng	0.00
75) Chrysene-d12	13.83	240	233417	20.00	ng	0.00
86) Perylene-d12	15.23	264	206999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	163865	29.44	ng	0.00
7) Phenol-d6	6.35	99	366343	49.27	ng	-0.01
23) Nitrobenzene-d5	7.26	82	239537	32.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	136539	75.58	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	475934	39.53	ng	0.00
78) Terphenyl-d14	12.78	244	483712	40.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	696	0.238	ng	# 23
6) Aniline	6.40	93	119	0.014	ng	# 1
9) Benzaldehyde	6.35	77	514	0.107	ng	# 1
10) Phenol	6.36	94	17154	2.012	ng	# 80
11) bis(2-Chloroethyl)ether	6.47	93	231	0.033	ng	# 1
15) Benzyl Alcohol	6.85	79	2443	0.443	ng	# 50
18) Hexachloroethane	7.00	117	107	0.035	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	30374	5.826	ng	# 79
24) Nitrobenzene	7.26	77	265	0.034	ng	# 40
25) Isophorone	7.26	82	241834	19.720	ng	# 67
31) Naphthalene	8.00	128	53790	2.857	ng	# 98
33) 4-Chloroaniline	8.00	127	6259	0.755	ng	# 30
37) 2-Methylnaphthalene	8.69	142	13579	1.101	ng	# 94
45) 1,1'-Biphenyl	9.16	154	5417	0.366	ng	# 91
46) 2-Chloronaphthalene	9.44	162	498	0.045	ng	# 1
47) 2-Nitroaniline	9.45	65	540	0.161	ng	# 1
48) Acenaphthylene	9.59	152	11922	0.737	ng	# 94
49) Dimethylphthalate	9.45	163	74816	6.153	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	21154	8.025	ng	# 24
51) Acenaphthene	9.76	154	23384	2.438	ng	# 98
52) 3-Nitroaniline	9.94	138	120	0.041	ng	# 1
54) Dibenzofuran	9.93	168	32441	2.257	ng	# 95
55) 4-Nitrophenol	9.93	139	12655	7.825	ng	# 6
56) 2,4-Dinitrotoluene	9.72	165	21413	6.510	ng	# 20
57) Fluorene	10.27	166	38578	3.594	ng	# 96
59) Diethylphthalate	10.14	149	254	0.021	ng	# 59
61) 4-Nitroaniline	10.27	138	116	0.042	ng	# 16
62) Azobenzene	10.43	77	552	0.045	ng	# 1
65) n-Nitrosodiphenylamine	10.63	169	1943	0.202	ng	# 92
66) 4-Bromophenyl-phenylether	10.51	248	8492	2.600	ng	# 1
70) Phenanthrene	11.23	178	435495	30.615	ng	# 100
71) Anthracene	11.28	178	119578	8.132	ng	# 99
72) Carbazole	11.44	167	52636	3.691	ng	# 98
73) Di-n-butylphthalate	11.76	149	2837	0.172	ng	# 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

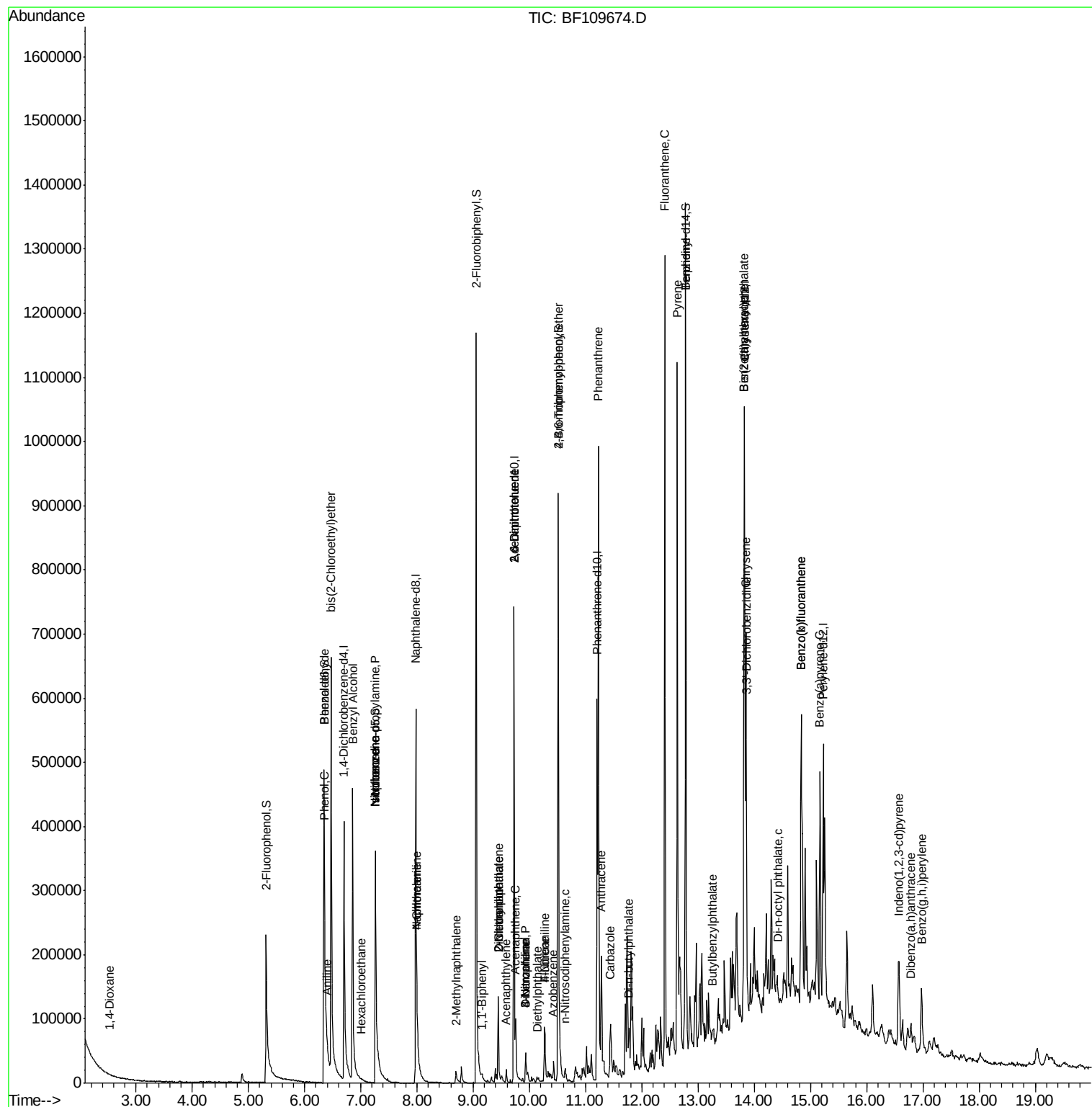
74) Fluoranthene	12.41	202	568999	38.290	ng	99
76) Benzidine	12.78	184	6702	0.773	ng	98
77) Pyrene	12.63	202	486839	28.467	ng	99
79) Butylbenzylphthalate	13.25	149	426	0.057	ng	# 24
80) Benzo(a)anthracene	13.82	228	272354	21.144	ng	97
81) 3,3'-Dichlorobenzidine	13.86	252	2003	0.386	ng	# 1
82) Chrysene	13.85	228	234819	17.356	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	8561	0.946	ng	# 96
84) Di-n-octyl phthalate	14.42	149	162	0.011	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.57	276	95877	9.900	ng	94
87) Benzo(b)fluoranthene	14.83	252	338517	29.593	ng	96
88) Benzo(k)fluoranthene	14.83	252	338517	29.453	ng	# 95
89) Benzo(a)pyrene	15.17	252	180940	17.430	ng	100
90) Dibenzo(a,h)anthracene	16.79	278	22432	2.631	ng	92
91) Benzo(g,h,i)perylene	16.97	276	84110	9.880	ng	99

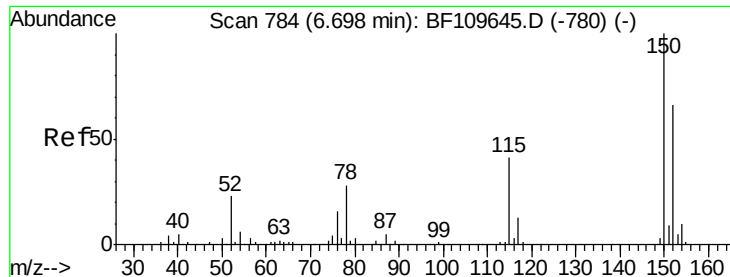
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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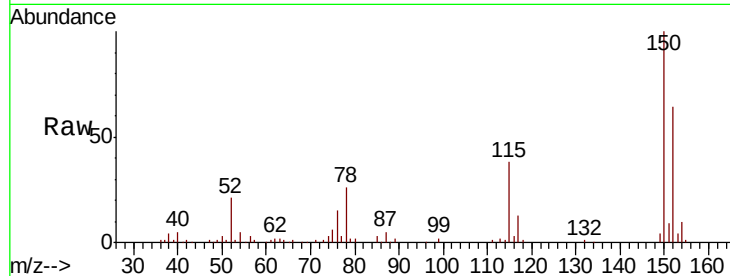


#1

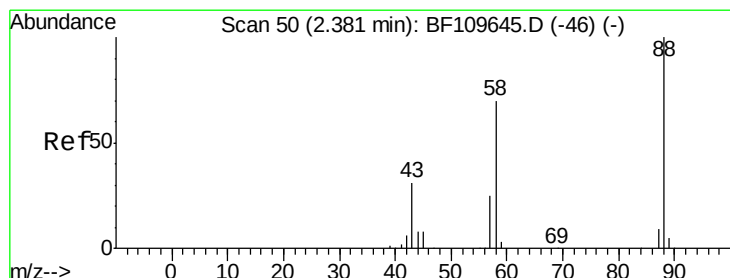
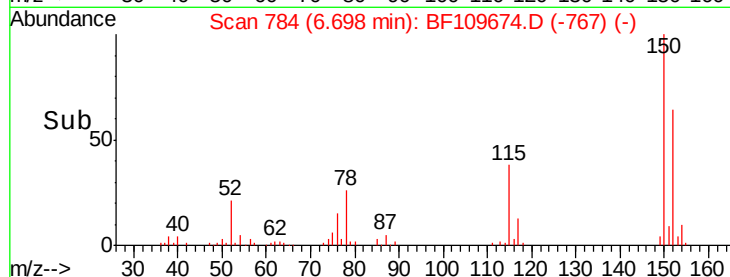
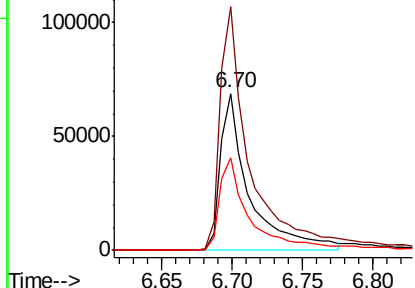
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

Tgt Ion:152 Resp: 98787
Ion Ratio Lower Upper
152 100
150 155.4 122.7 184.1
115 59.5 49.1 73.7



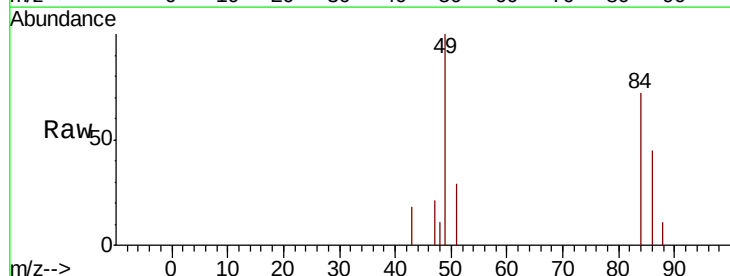
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



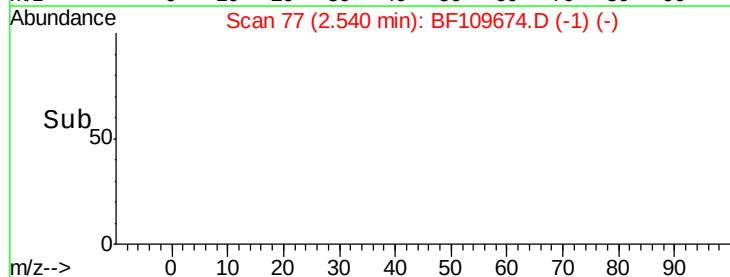
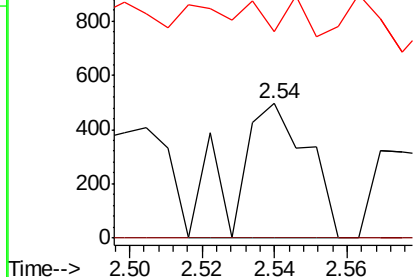
#2

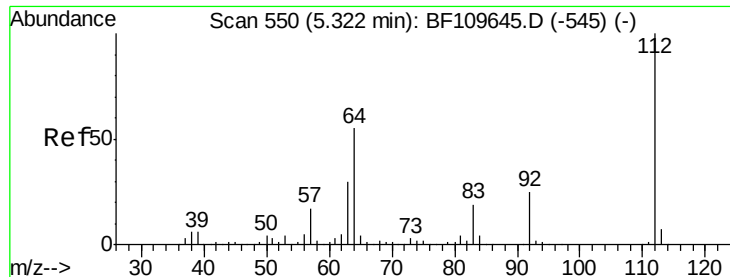
1,4-Dioxane
Concen: 0.238 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.16 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion: 88 Resp: 696
Ion Ratio Lower Upper
88 100
58 0.0 57.1 85.7#
43 0.0 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





#5

2-Fluorophenol

Concen: 29.444 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :

BNA_F

ClientSampleId :

GRID11-COMP-100318RE

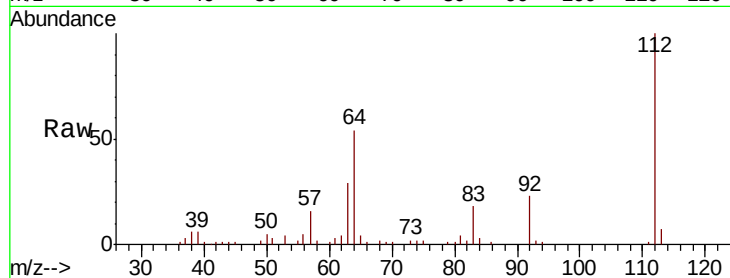
Tgt Ion: 112 Resp: 163865

Ion Ratio Lower Upper

112 100

64 54.5 44.1 66.1

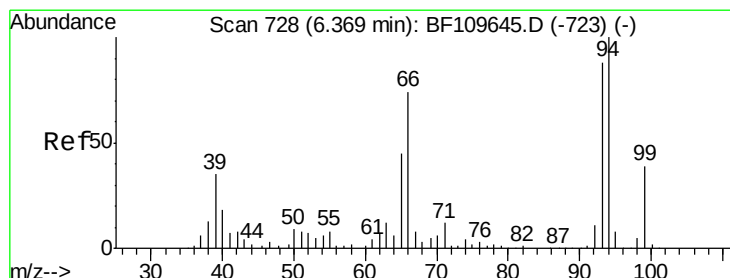
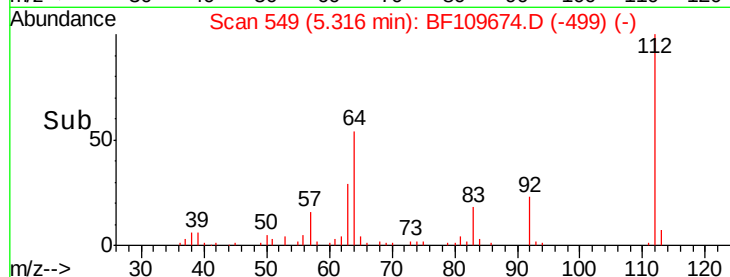
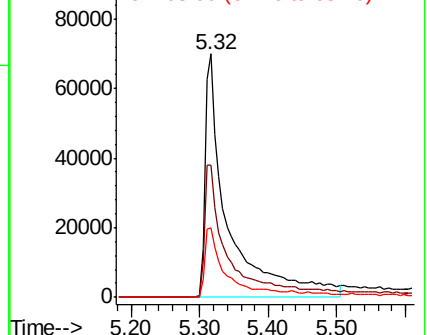
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.014 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.04 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

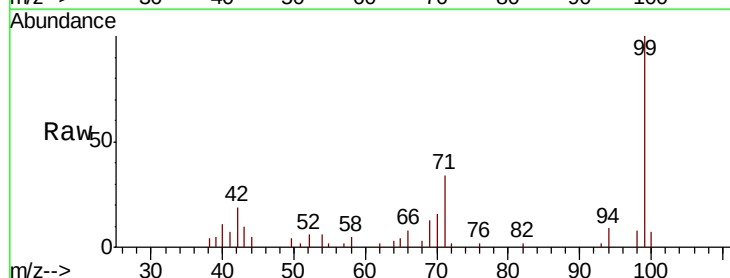
Tgt Ion: 93 Resp: 119

Ion Ratio Lower Upper

93 100

66 460.1 67.4 101.0#

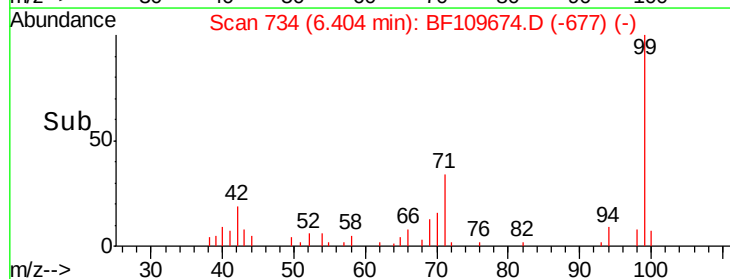
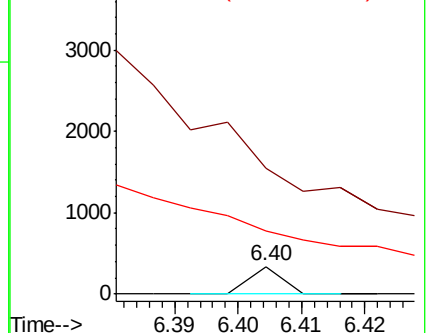
65 232.0 41.0 61.4#

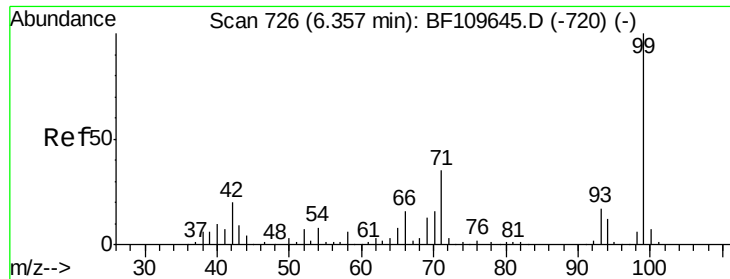


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 49.275 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :

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GRID11-COMP-100318RE

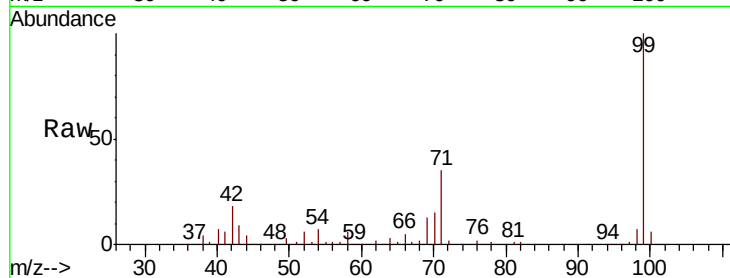
Tgt Ion: 99 Resp: 366343

Ion Ratio Lower Upper

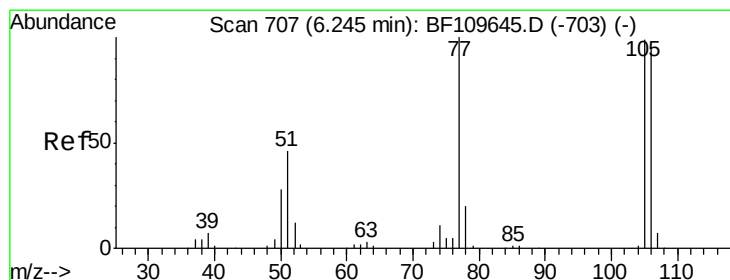
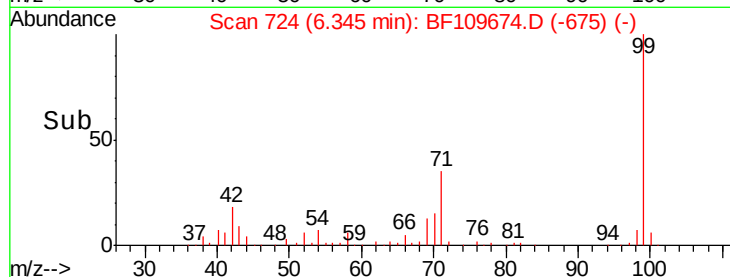
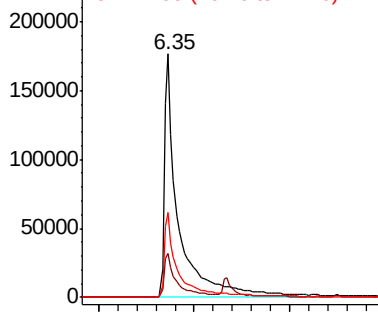
99 100

42 18.1 15.8 23.6

71 34.9 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



#9

Benzaldehyde

Concen: 0.107 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.11 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

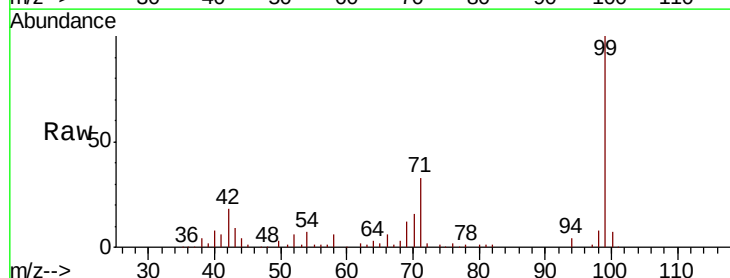
Tgt Ion: 77 Resp: 514

Ion Ratio Lower Upper

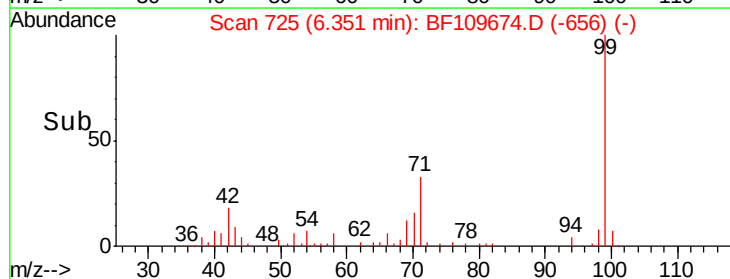
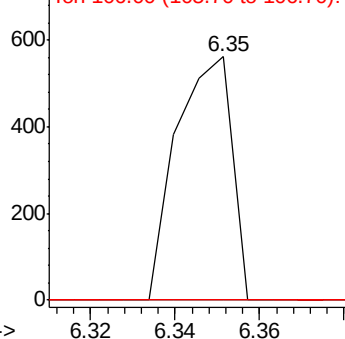
77 100

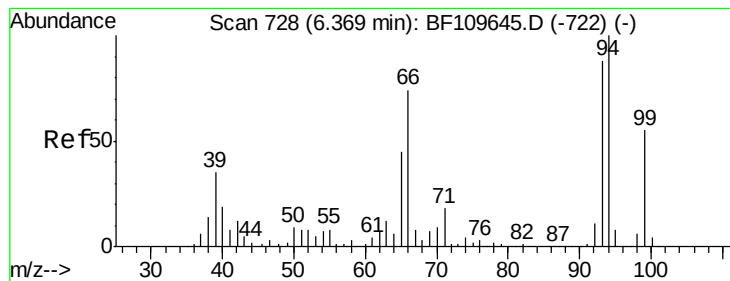
105 0.0 78.6 118.6#

106 0.0 74.8 114.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.012 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109674.D

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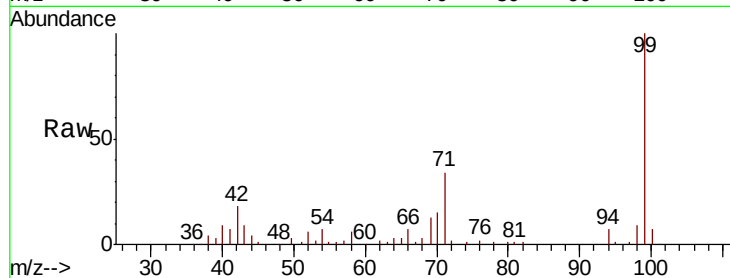
Tgt Ion: 94 Resp: 17154

Ion Ratio Lower Upper

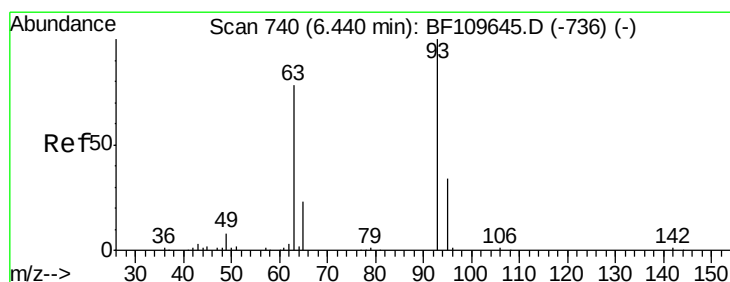
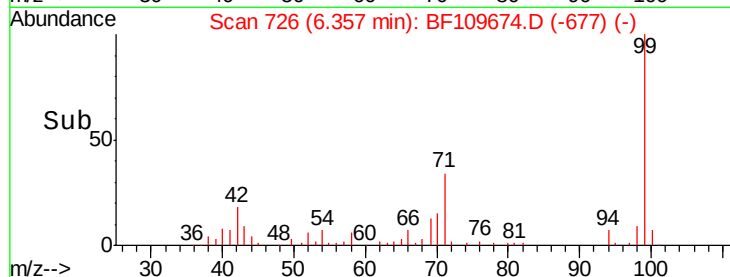
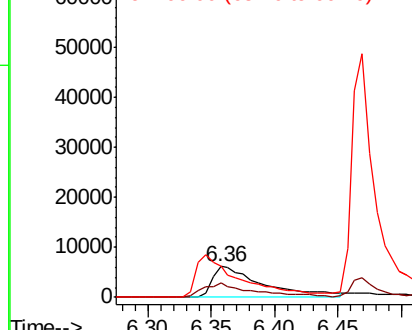
94 100

65 45.6 25.3 65.3

66 101.8 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: 0.033 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

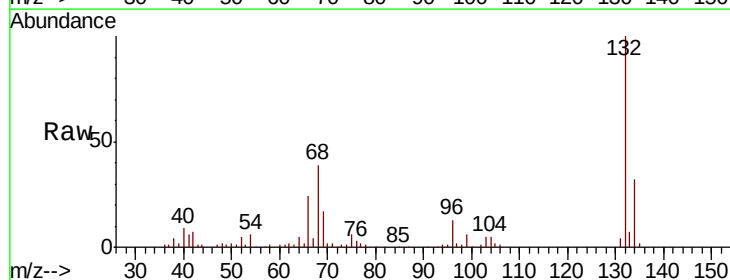
Tgt Ion: 93 Resp: 231

Ion Ratio Lower Upper

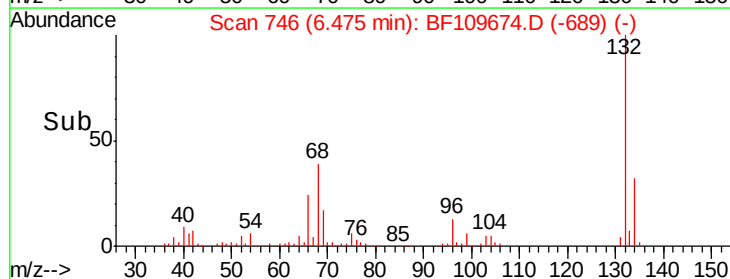
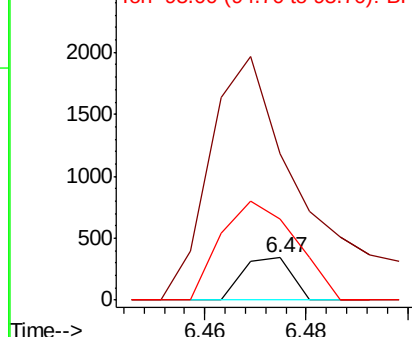
93 100

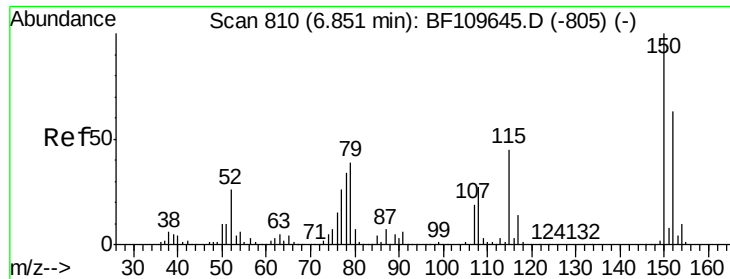
63 346.3 53.4 93.4#

95 190.9 12.1 52.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

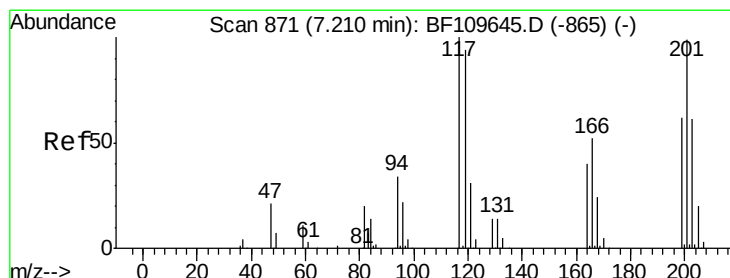
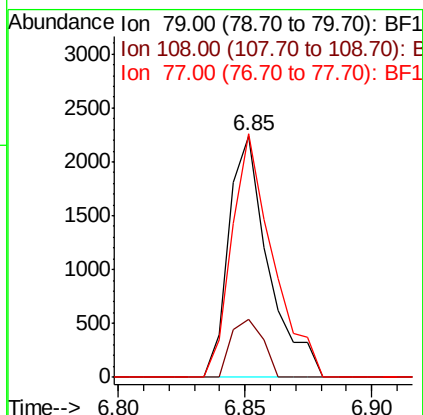
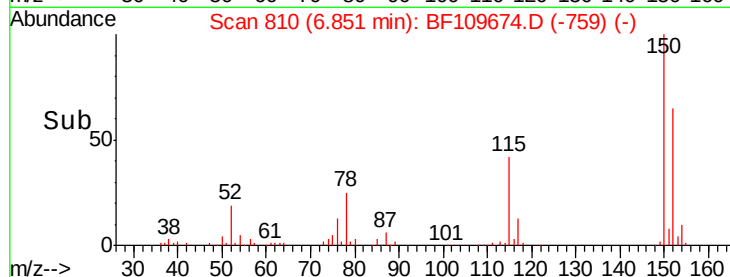
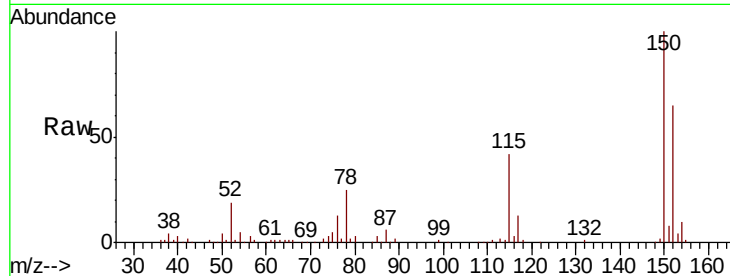




#15
Benzyl Alcohol
Concen: 0.443 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

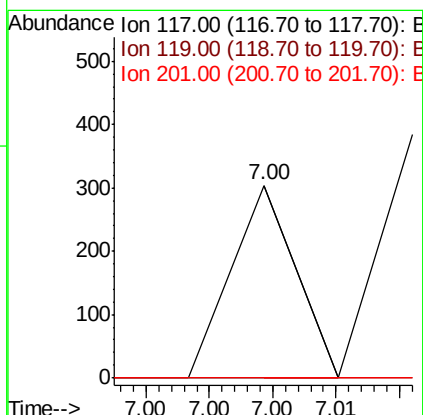
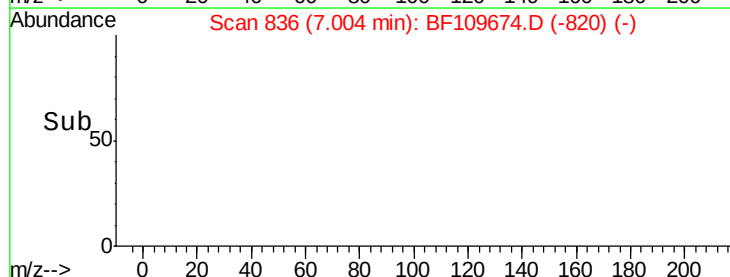
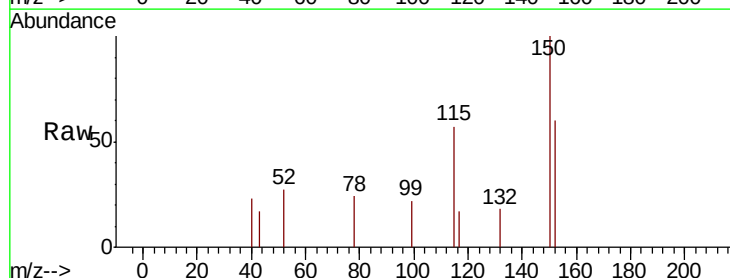
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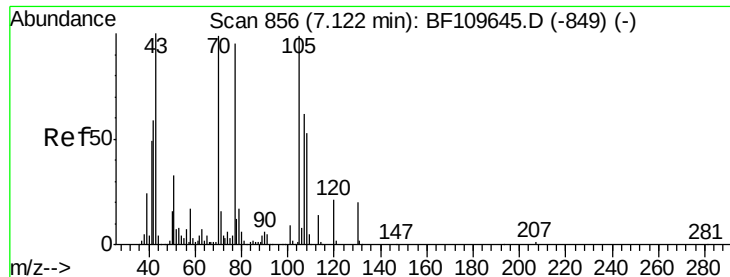
Tgt Ion: 79 Resp: 2443
Ion Ratio Lower Upper
79 100
108 24.1 56.3 84.5#
77 100.9 52.9 79.3#



#18
Hexachloroethane
Concen: 0.035 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.21 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion: 117 Resp: 107
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 79.2 118.8#

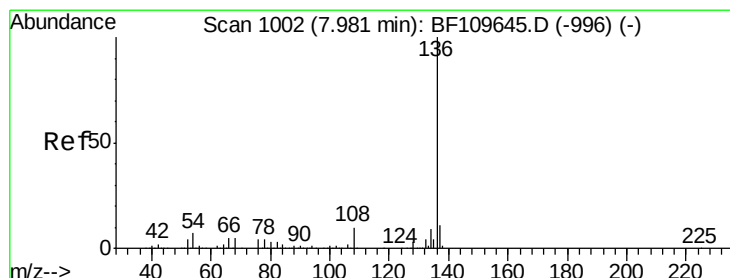
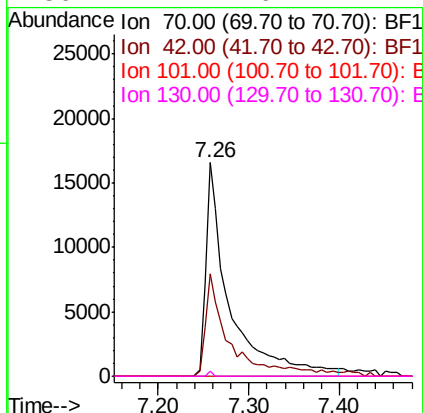
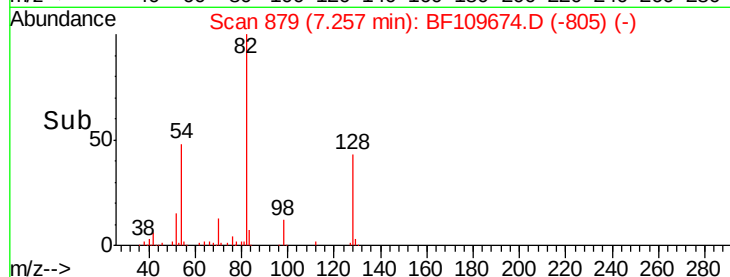
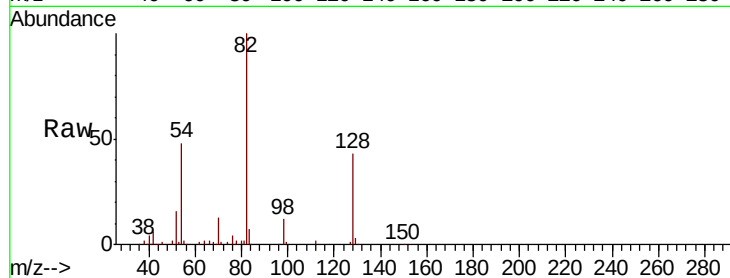




#19
n-Nitroso-di-n-propylamine
Concen: 5.826 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

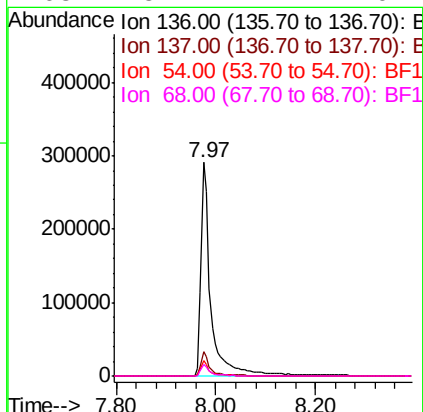
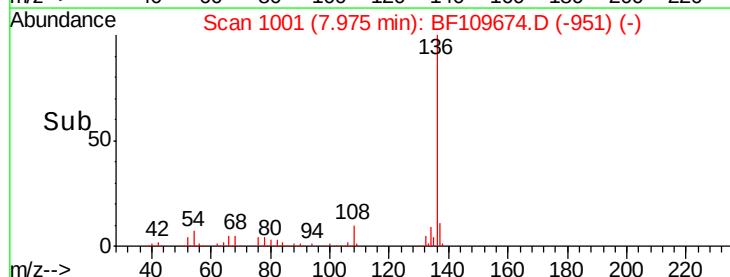
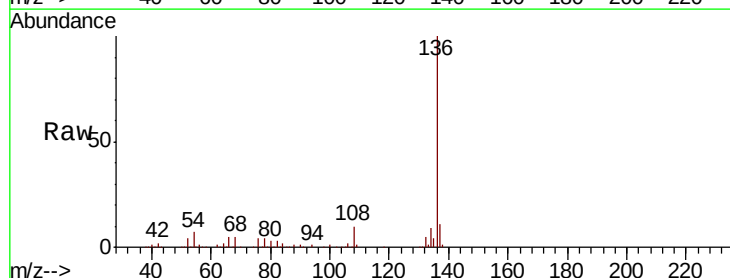
Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

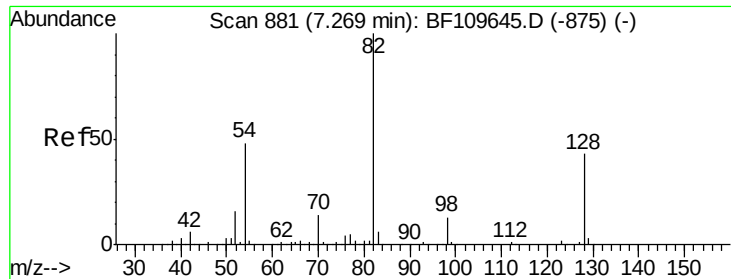
Tgt Ion: 70 Resp: 30374
Ion Ratio Lower Upper
70 100
42 48.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion: 136 Resp: 407081
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.0 5.4 8.2
68 5.2 4.2 6.2

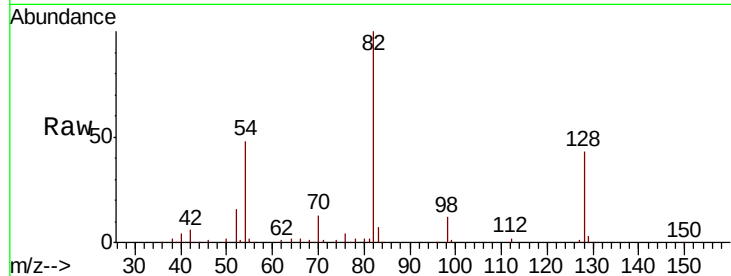




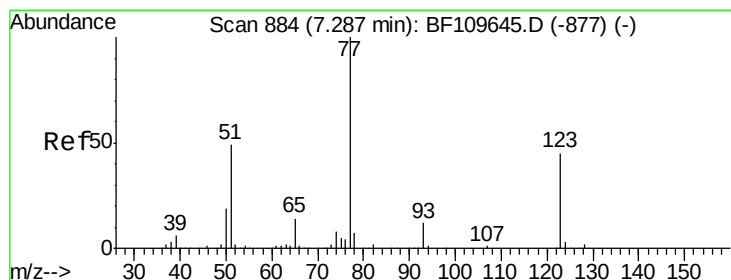
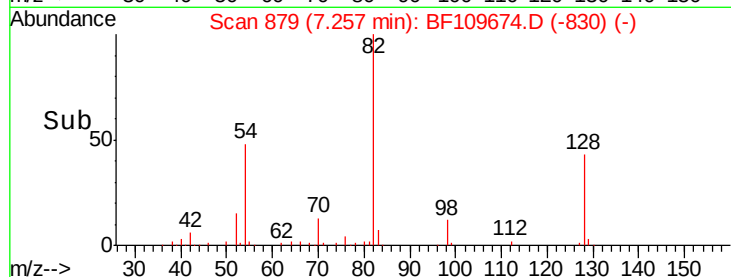
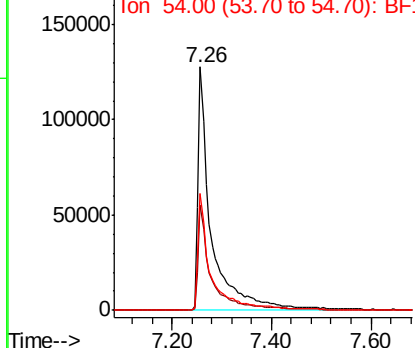
#23
Nitrobenzene-d5
Concen: 32.436 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

Tgt Ion: 82 Resp: 239537
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.2
54 47.9 38.6 58.0

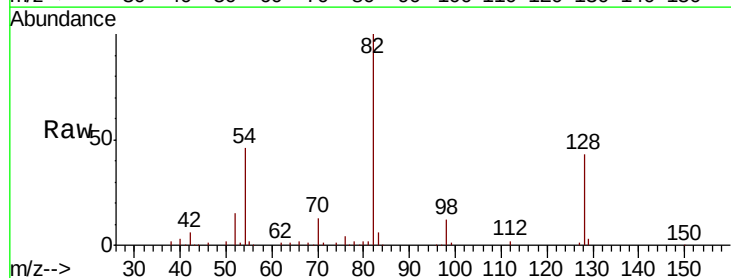


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

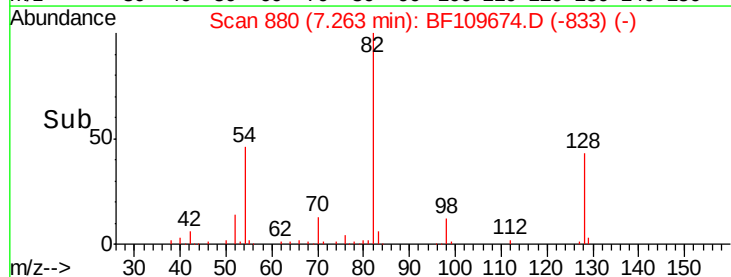
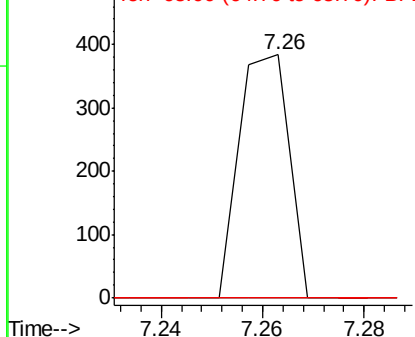


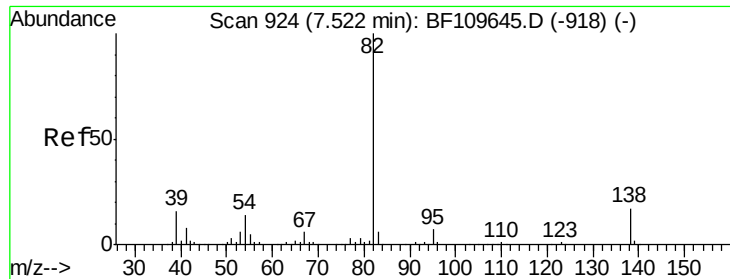
#24
Nitrobenzene
Concen: 0.034 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion: 77 Resp: 265
Ion Ratio Lower Upper
77 100
123 0.0 35.7 53.5#
65 0.0 10.7 16.1#



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





#25

Isophorone

Concen: 19.720 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :

BNA_F

ClientSampleId :

GRID11-COMP-100318RE

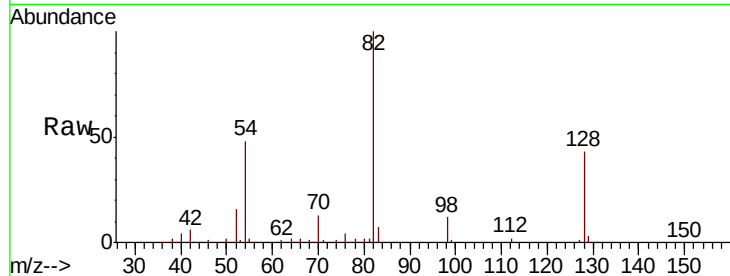
Tgt Ion: 82 Resp: 241834

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

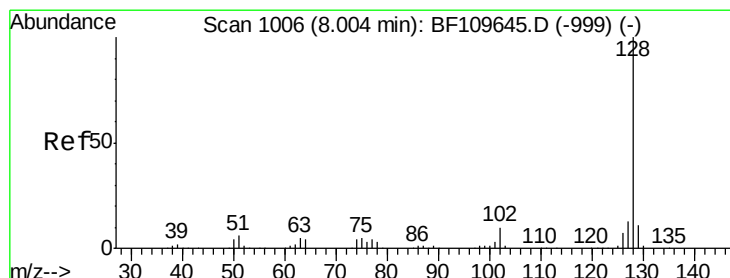
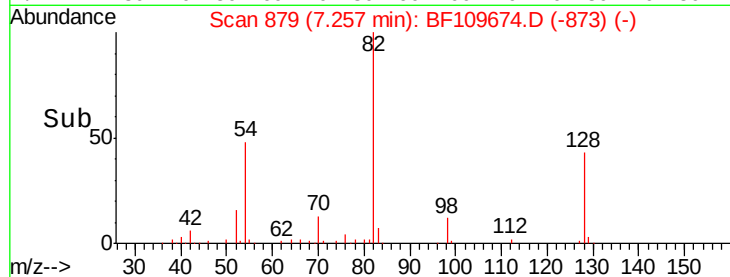
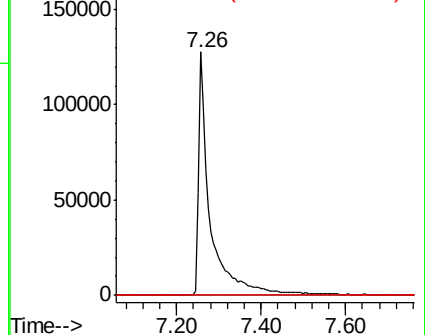
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.857 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

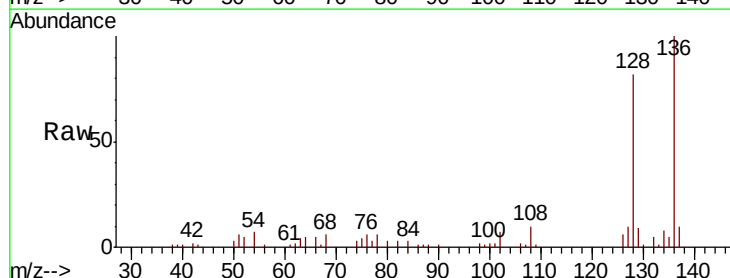
Tgt Ion: 128 Resp: 53790

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

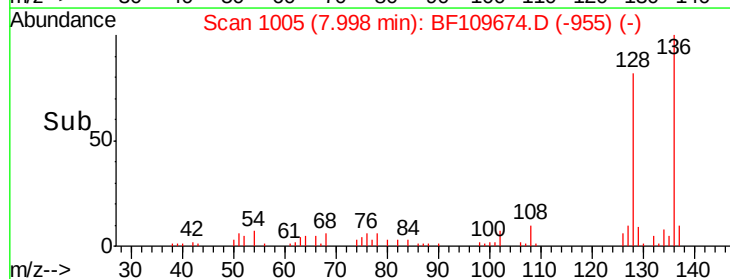
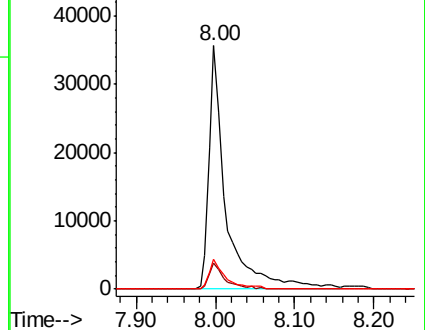
127 12.1 10.8 16.2

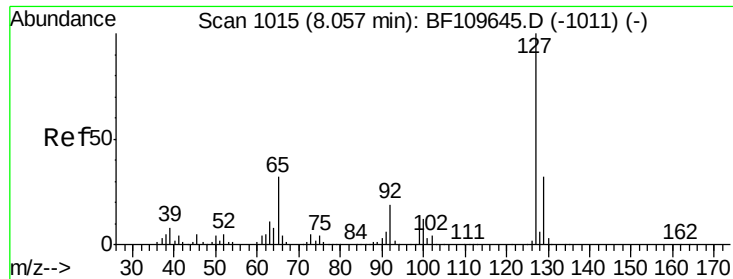


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

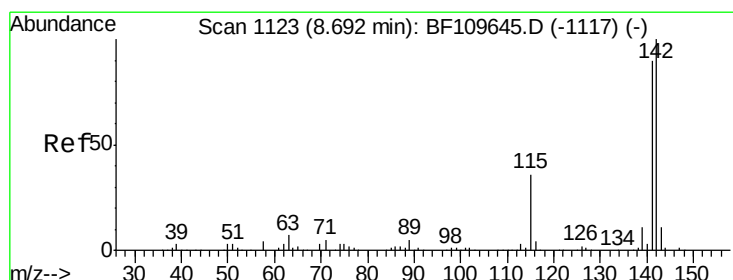
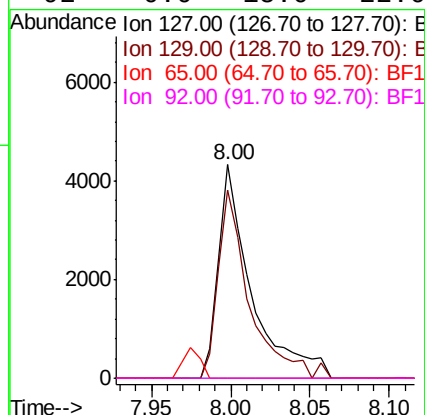
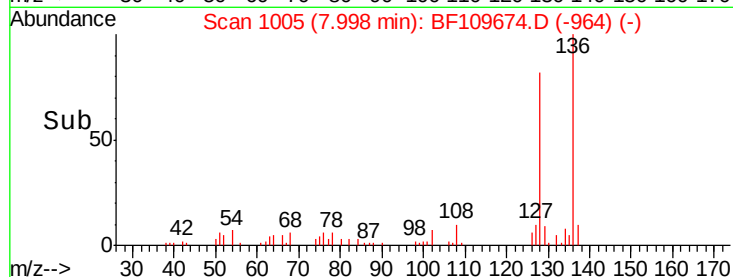
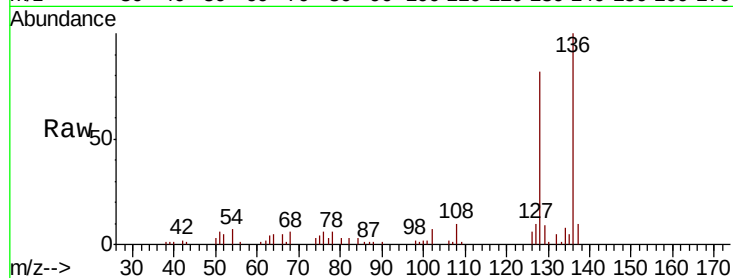




#33
4-Chloroaniline
Concen: 0.755 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

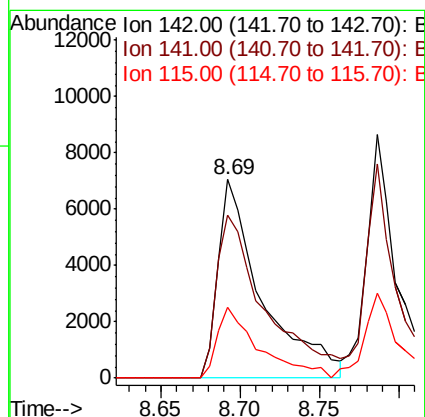
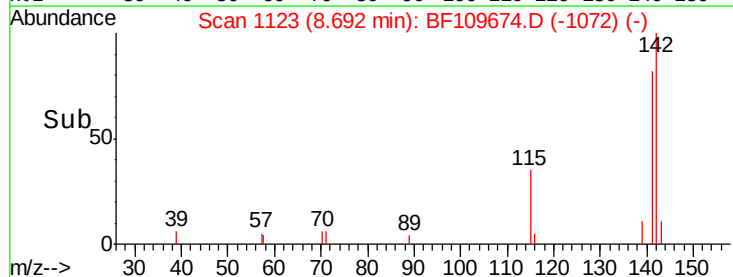
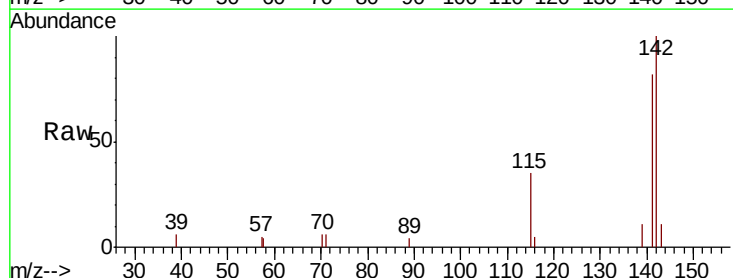
Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

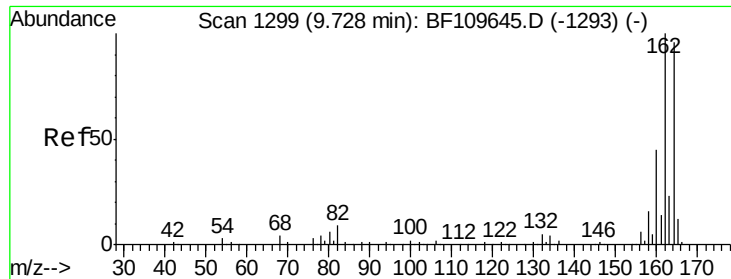
Tgt Ion:127 Resp: 6259
Ion Ratio Lower Upper
127 100
129 88.3 26.0 39.0#
65 0.0 25.1 37.7#
92 0.0 15.0 22.6#



#37
2-Methylnaphthalene
Concen: 1.101 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:142 Resp: 13579
Ion Ratio Lower Upper
142 100
141 82.0 71.4 107.2
115 35.5 28.7 43.1

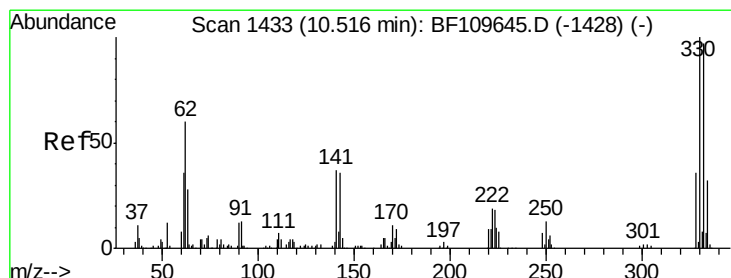
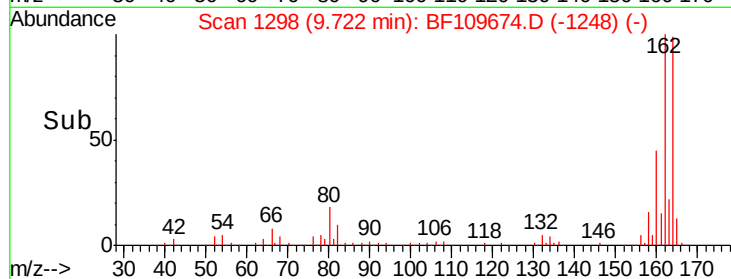
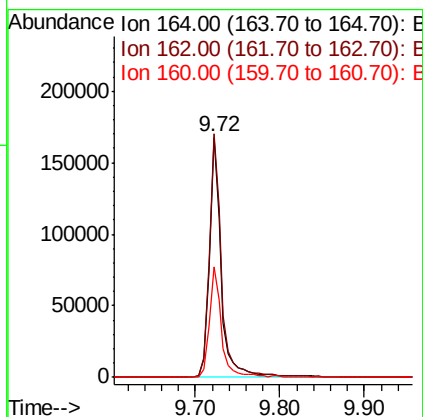
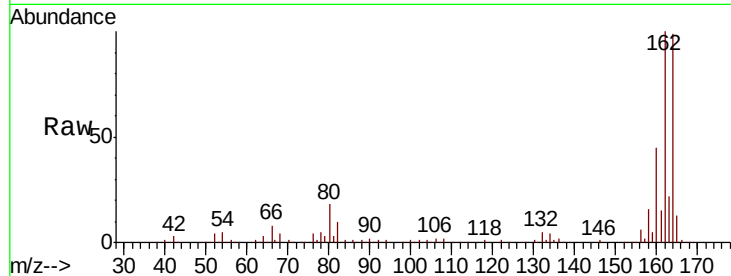




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

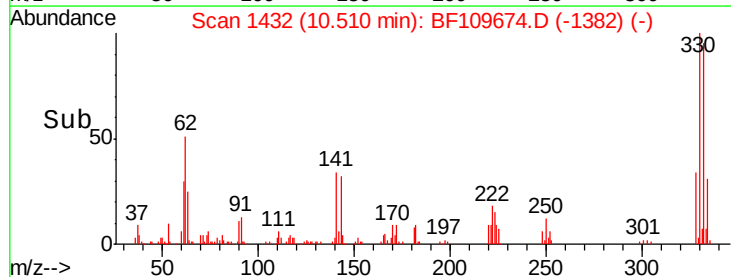
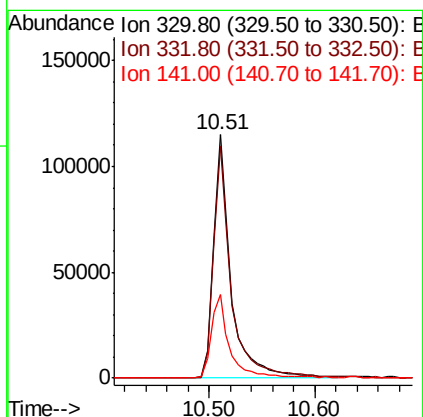
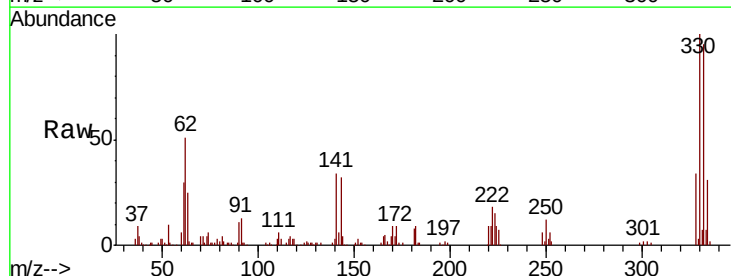
Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

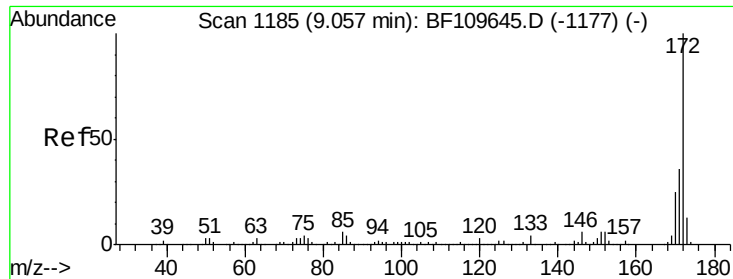
Tgt Ion:164 Resp: 165800
 Ion Ratio Lower Upper
 164 100
 162 101.3 83.0 124.6
 160 45.8 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 75.579 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion:330 Resp: 136539
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 35.8 27.0 40.4

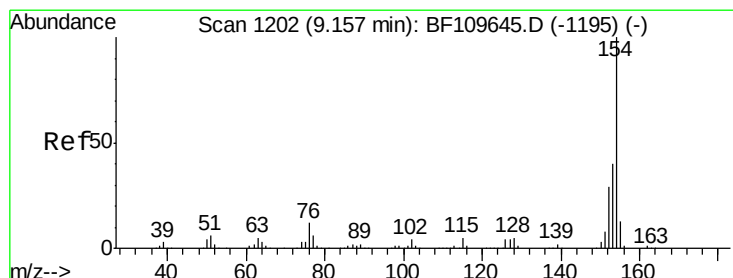
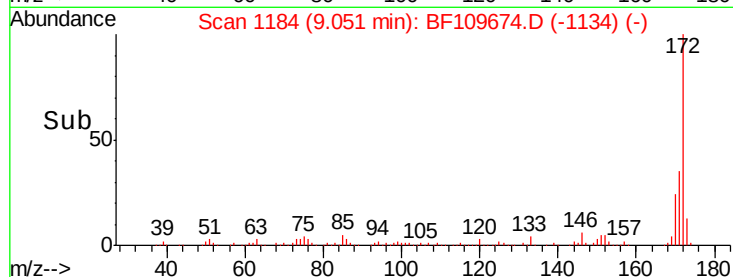
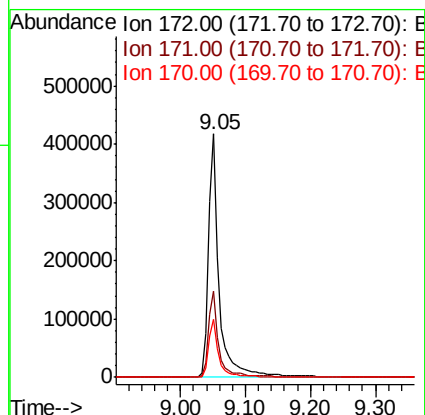
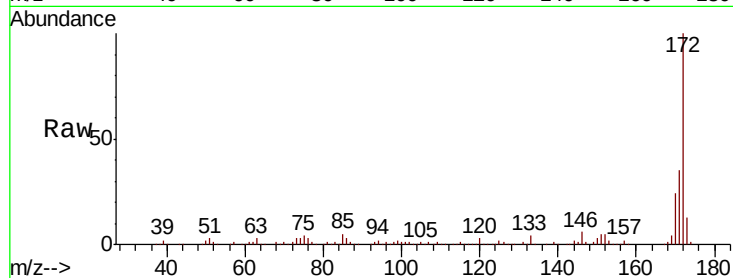




#44
 2-Fluorobiphenyl
 Concen: 39.534 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

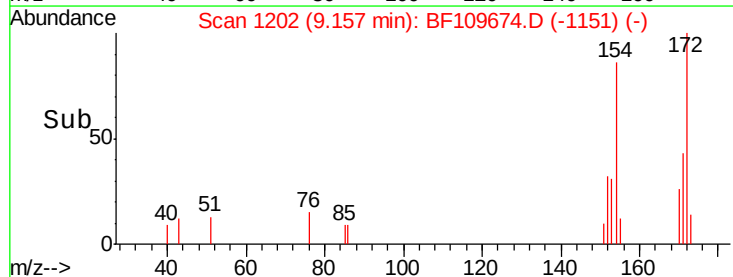
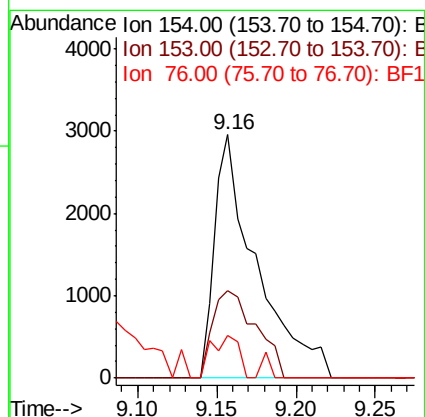
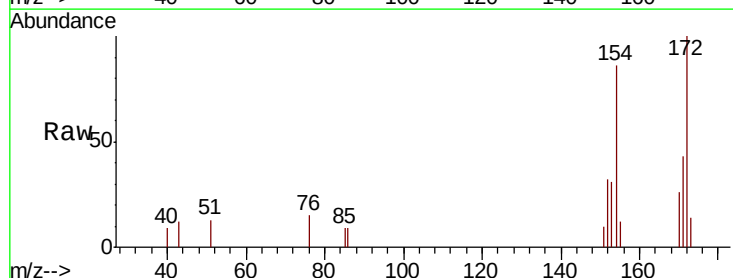
Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

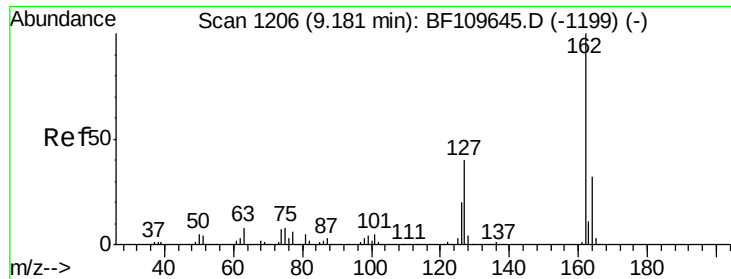
Tgt Ion:172 Resp: 475934
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 19.7 29.5



#45
 1,1'-Biphenyl
 Concen: 0.366 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion:154 Resp: 5417
 Ion Ratio Lower Upper
 154 100
 153 35.7 20.4 60.4
 76 17.5 0.0 31.9

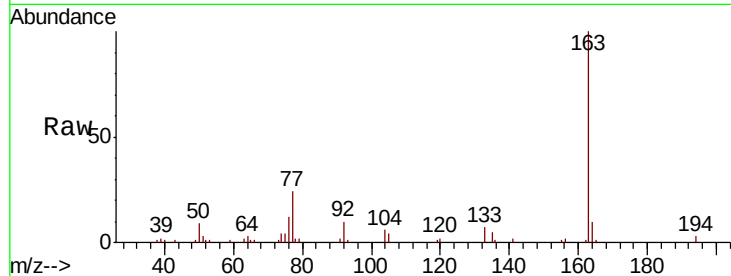




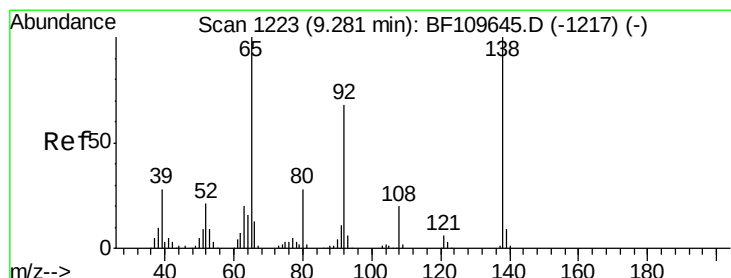
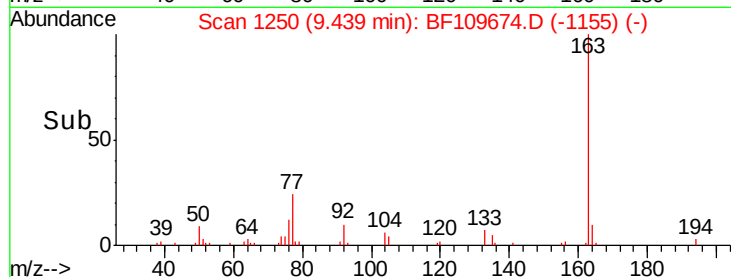
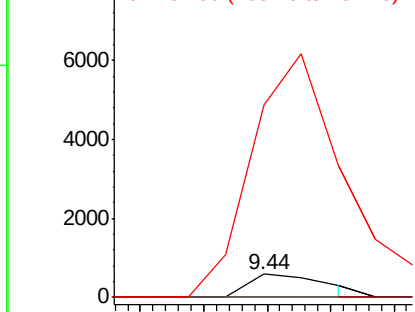
#46
 2-Chloronaphthalene
 Concen: 0.045 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.26 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

Tgt Ion: 162 Resp: 498
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 48.8#
 164 819.9 25.9 38.9#

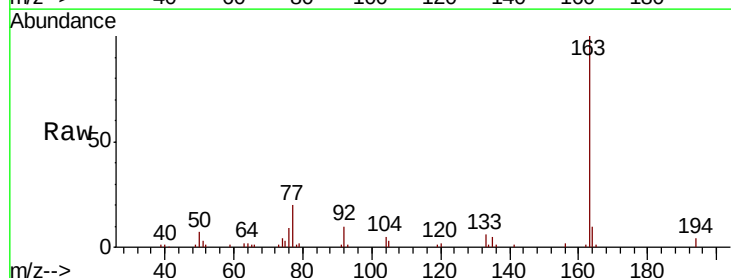


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

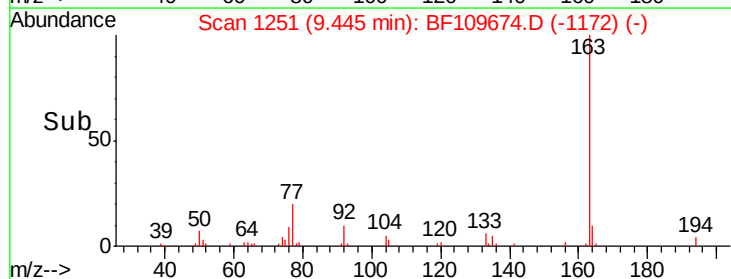
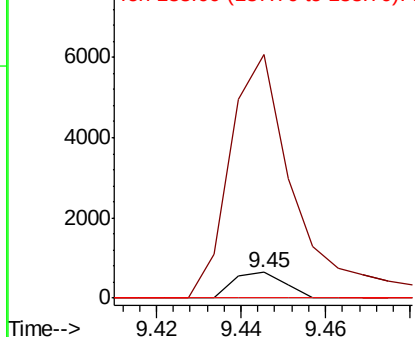


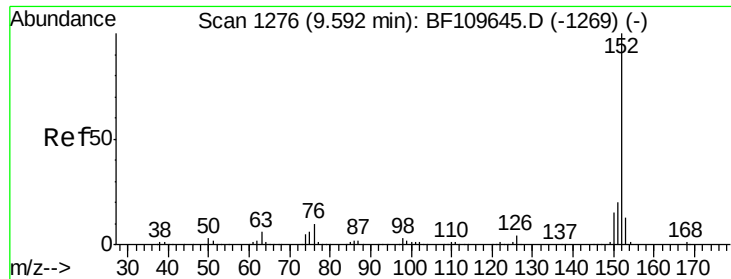
#47
 2-Nitroaniline
 Concen: 0.161 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.16 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion: 65 Resp: 540
 Ion Ratio Lower Upper
 65 100
 92 957.7 54.6 81.8#
 138 0.0 80.3 120.5#



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





#48

Acenaphthylene

Concen: 0.737 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :

BNA_F

ClientSampleId :

GRID11-COMP-100318RE

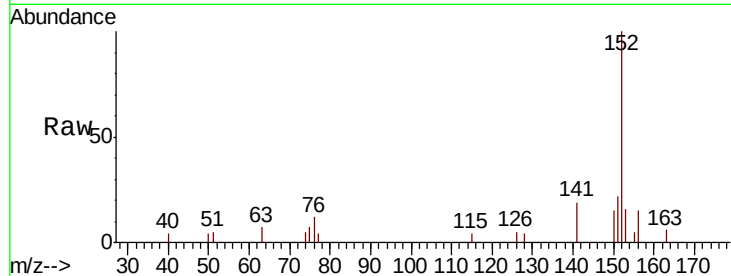
Tgt Ion:152 Resp: 11922

Ion Ratio Lower Upper

152 100

151 22.0 15.8 23.8

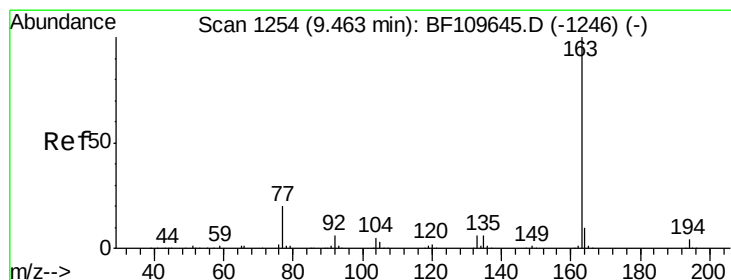
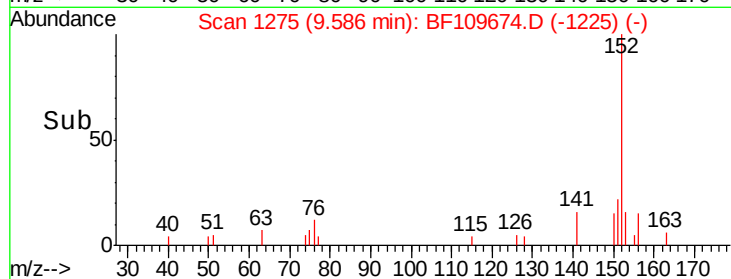
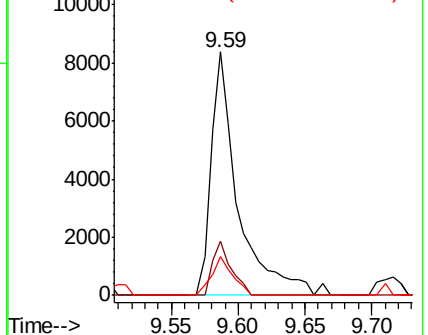
153 16.2 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.153 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

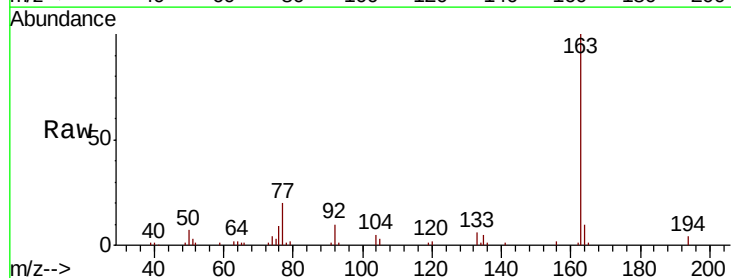
Tgt Ion:163 Resp: 74816

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

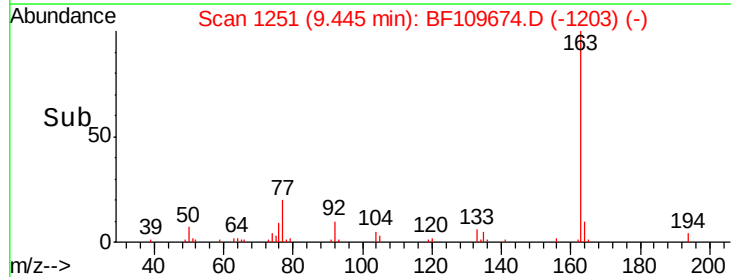
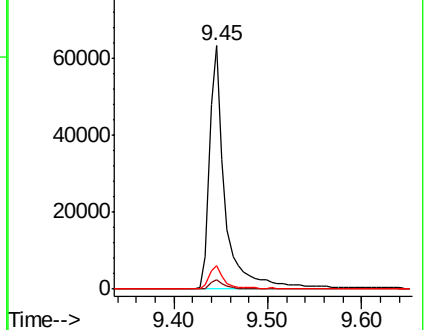
164 9.7 8.1 12.1

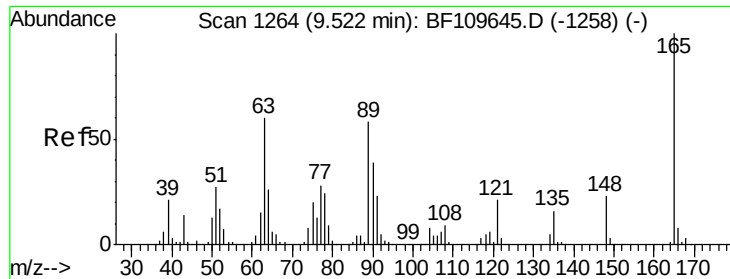


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

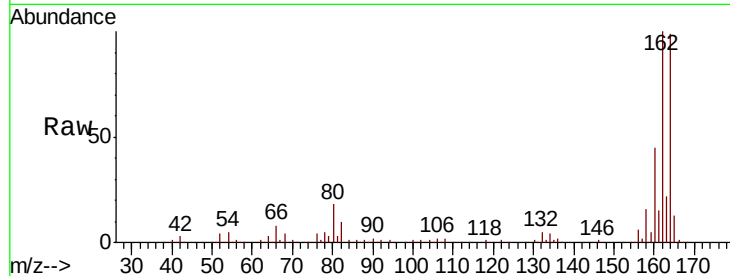




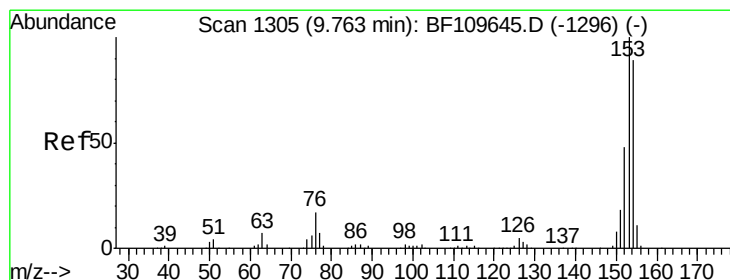
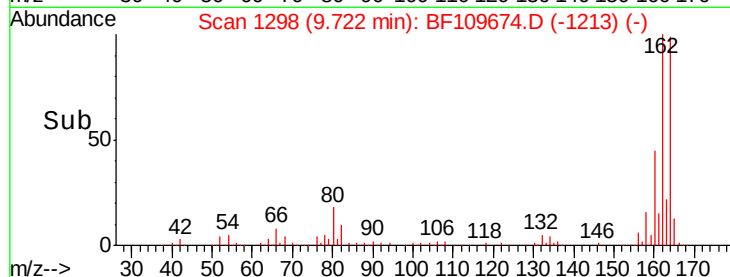
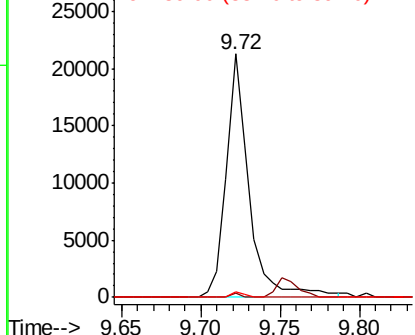
#50
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

Tgt Ion:165 Resp: 21154
Ion Ratio Lower Upper
165 100
63 1.9 48.9 73.3#
89 2.2 46.6 69.8#

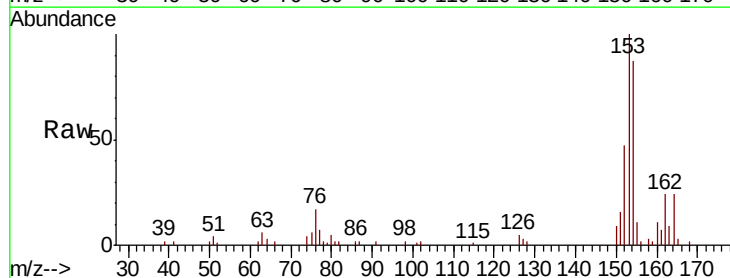


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

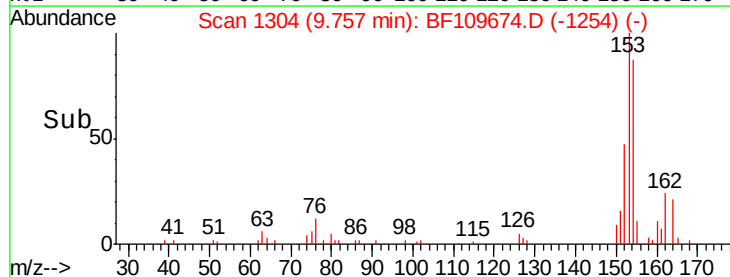
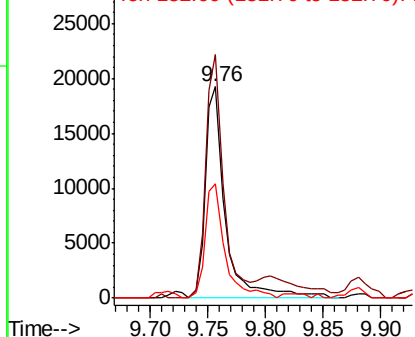


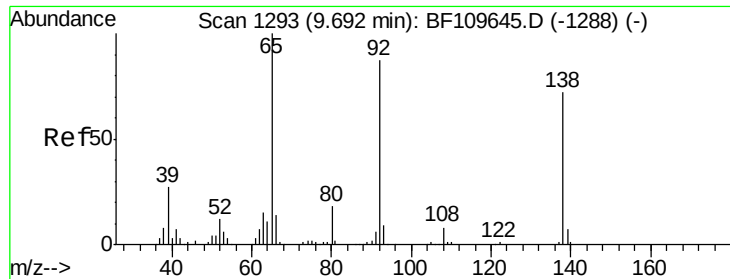
#51
Acenaphthene
Concen: 2.438 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:154 Resp: 23384
Ion Ratio Lower Upper
154 100
153 115.3 90.1 135.1
152 54.2 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

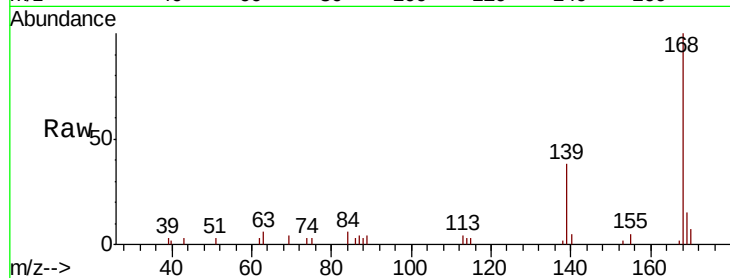




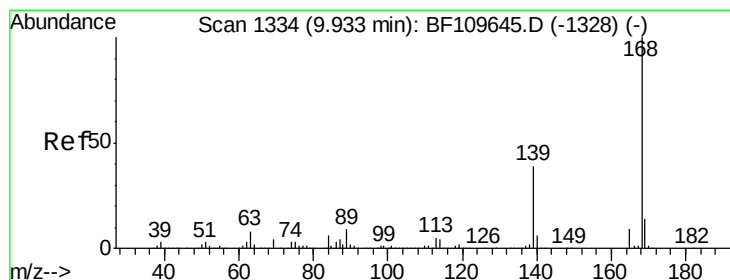
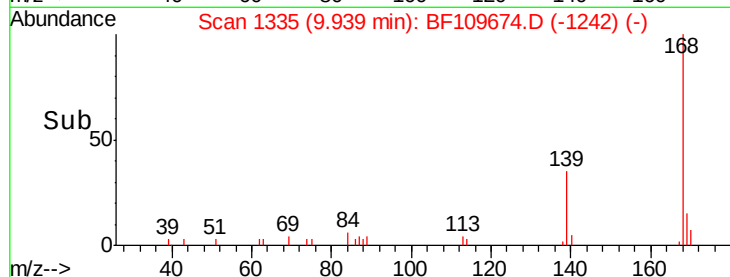
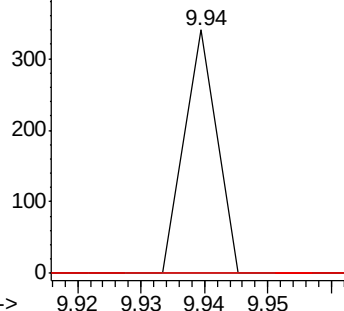
#52
3-Nitroaniline
Concen: 0.041 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.25 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

Tgt Ion:138 Resp: 120
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 0.0 97.0 145.4#

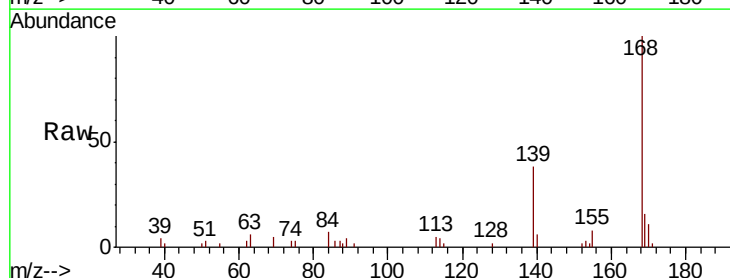


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

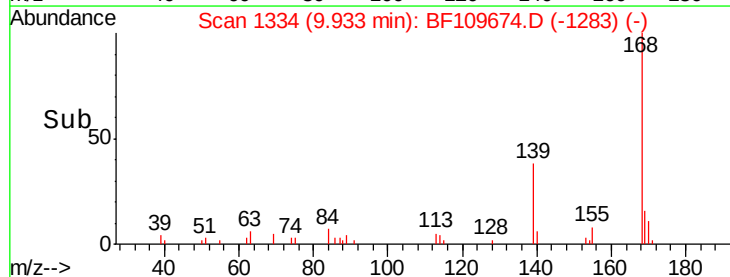
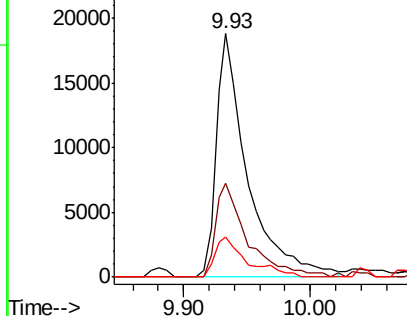


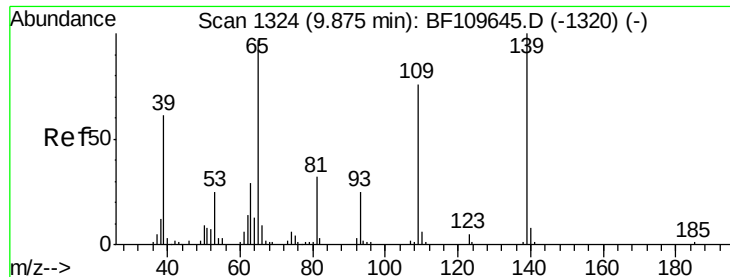
#54
Dibenzofuran
Concen: 2.257 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:168 Resp: 32441
Ion Ratio Lower Upper
168 100
139 38.5 33.0 49.6
169 16.3 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

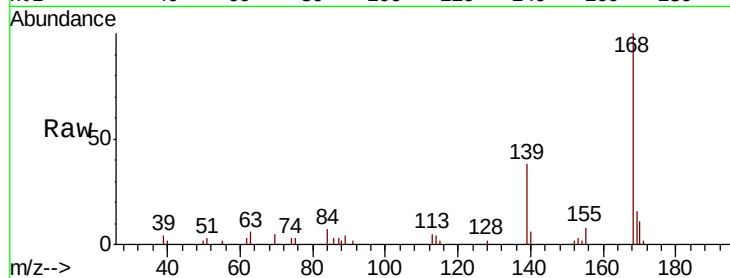




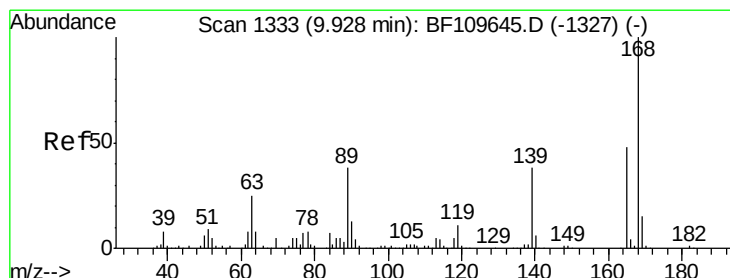
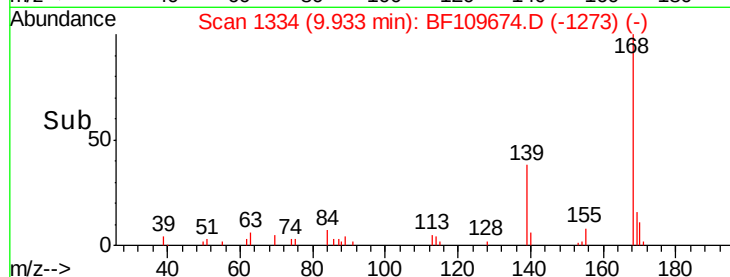
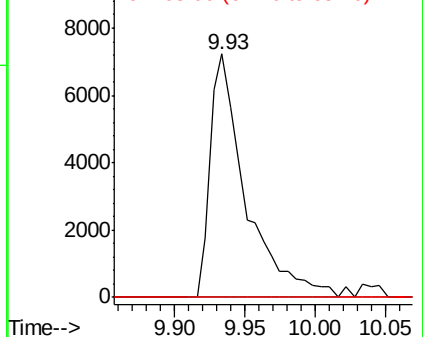
#55
4-Nitrophenol
Concen: 7.825 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

Tgt Ion:139 Resp: 12655
Ion Ratio Lower Upper
139 100
109 0.0 55.8 95.8#
65 0.0 77.9 117.9#

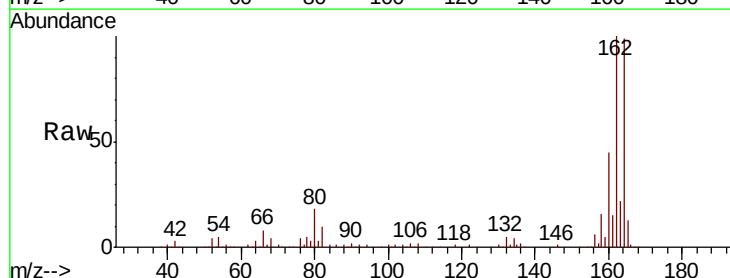


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

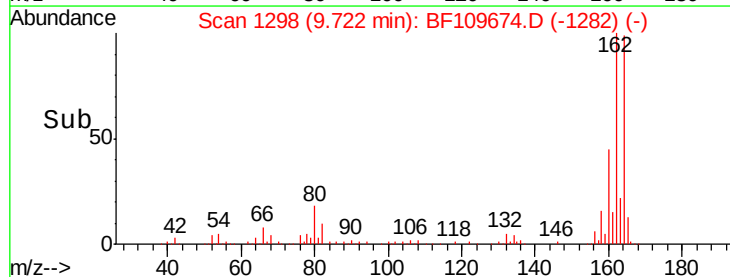
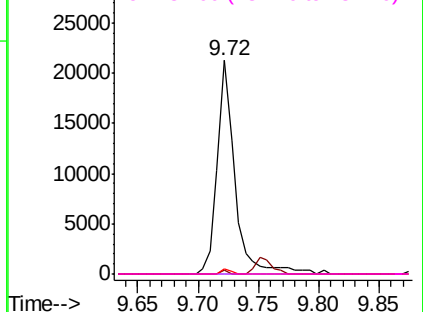


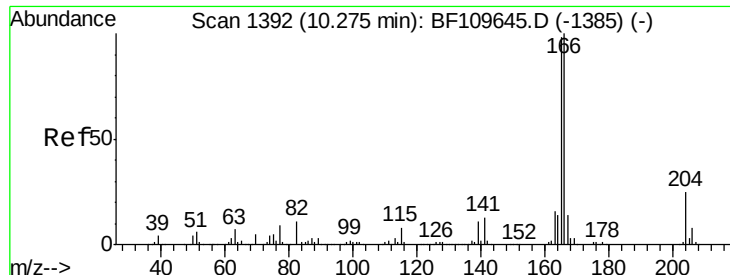
#56
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:165 Resp: 21413
Ion Ratio Lower Upper
165 100
63 1.9 44.8 67.2#
89 2.2 62.2 93.4#
182 0.0 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

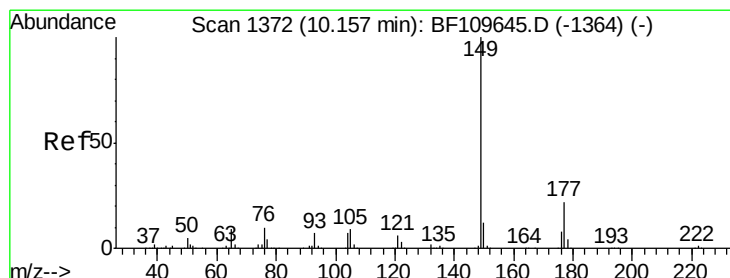
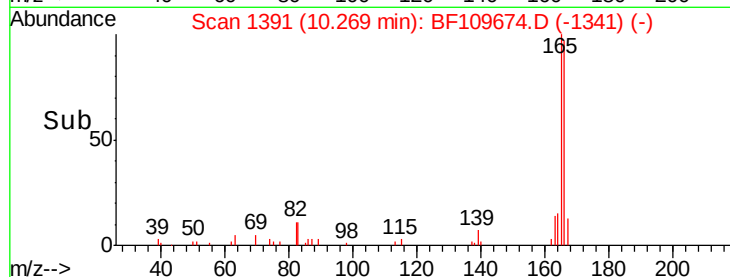
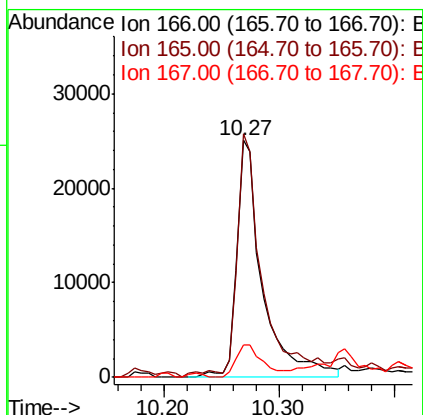
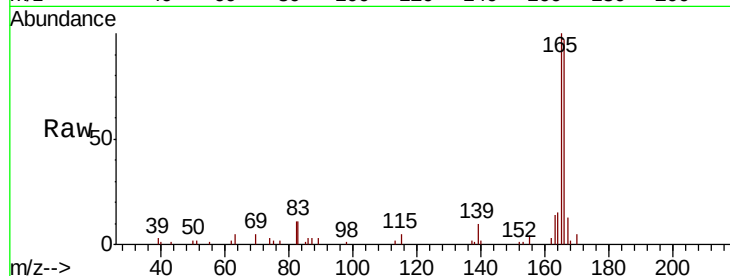




#57
Fluorene
Concen: 3.594 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

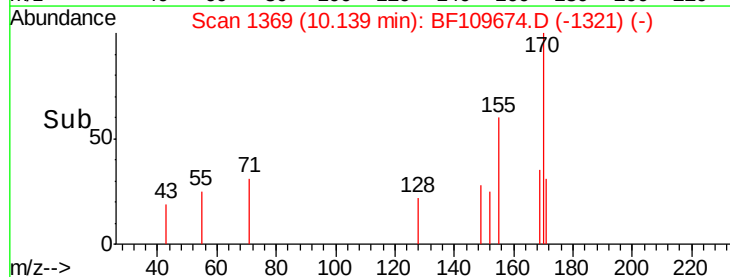
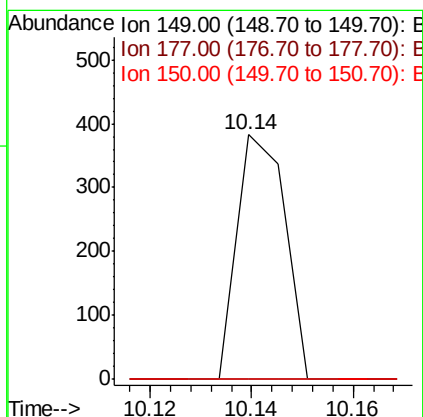
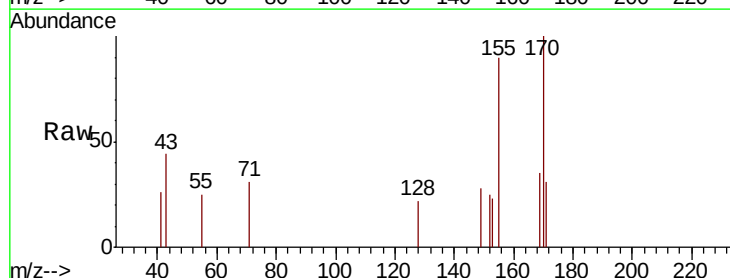
Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

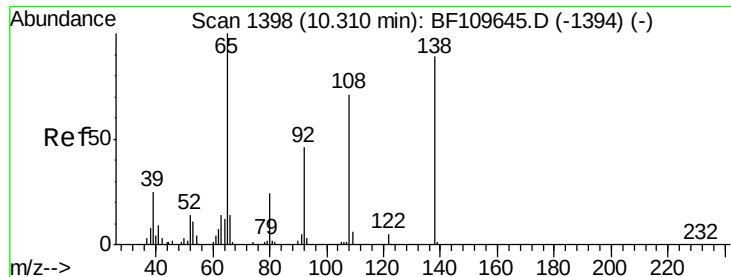
Tgt Ion:166 Resp: 38578
Ion Ratio Lower Upper
166 100
165 102.7 78.6 117.8
167 13.7 10.8 16.2



#59
Diethylphthalate
Concen: 0.021 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:149 Resp: 254
Ion Ratio Lower Upper
149 100
177 0.0 17.4 26.2#
150 0.0 9.8 14.8#

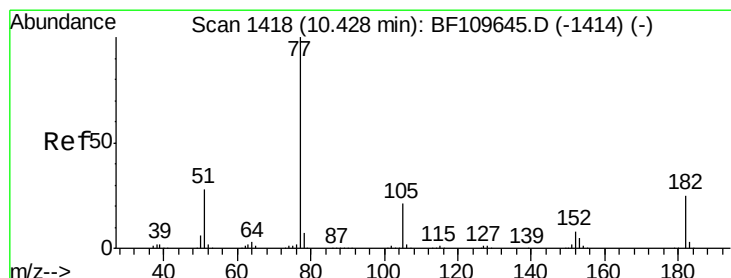
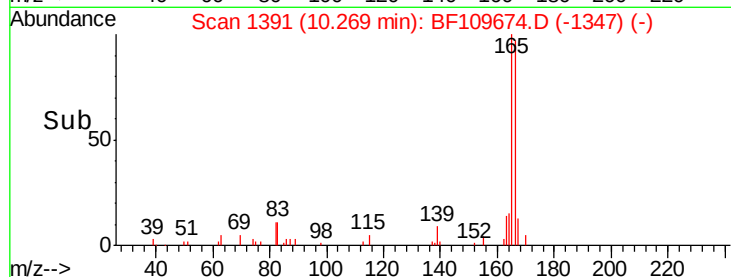
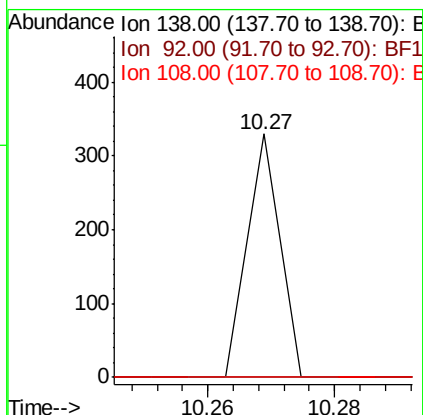
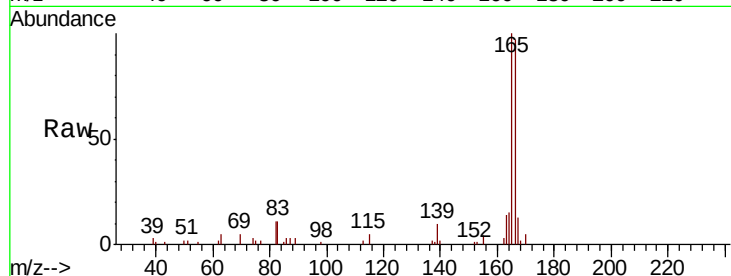




#61
4-Nitroaniline
Concen: 0.042 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

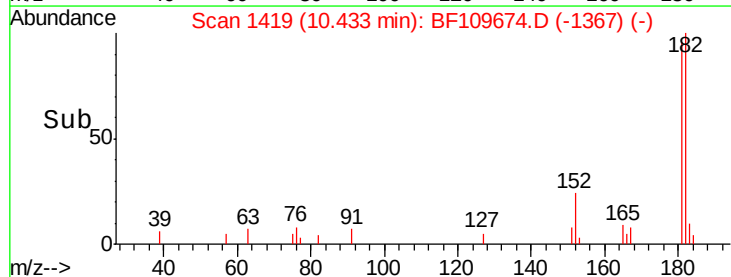
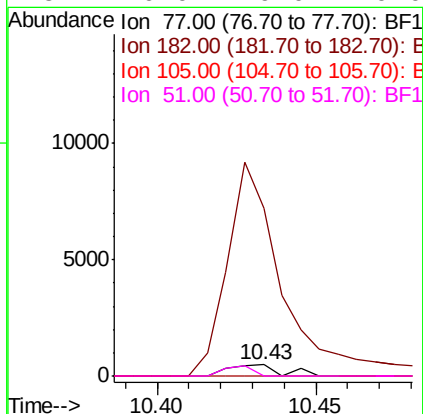
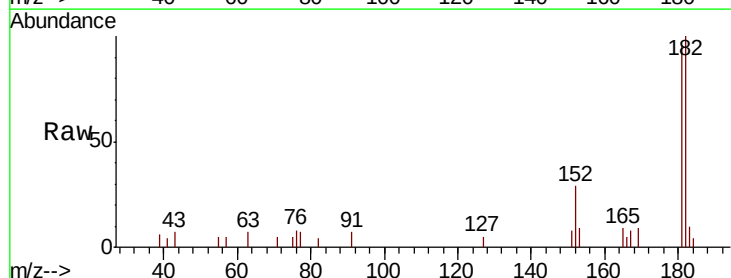
Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

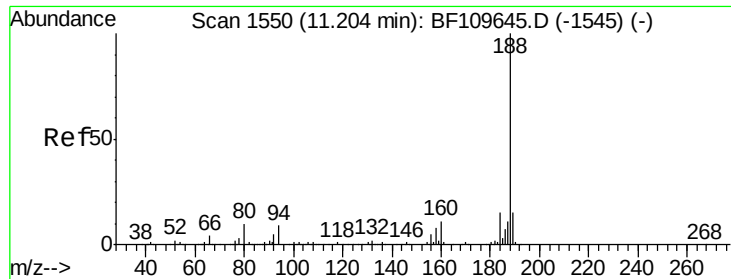
Tgt Ion: 138 Resp: 116
Ion Ratio Lower Upper
138 100
92 0.0 31.7 71.7#
108 0.0 59.3 99.3#



#62
Azobenzene
Concen: 0.045 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion: 77 Resp: 552
Ion Ratio Lower Upper
77 100
182 1501.2 4.3 44.3#
105 0.0 1.3 41.3#
51 0.0 9.0 49.0#

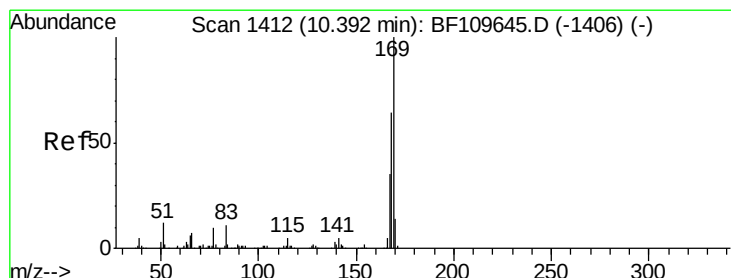
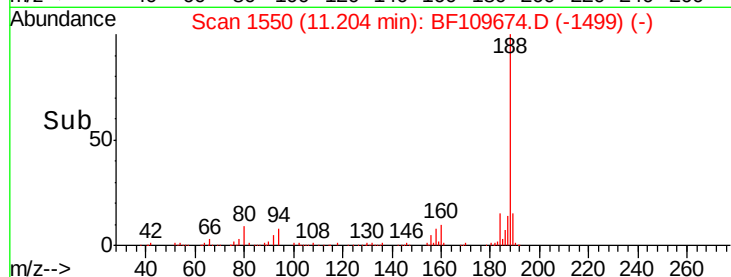
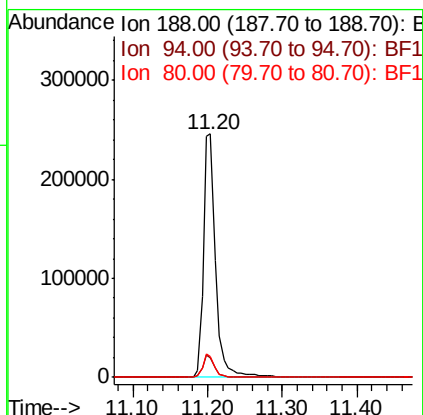
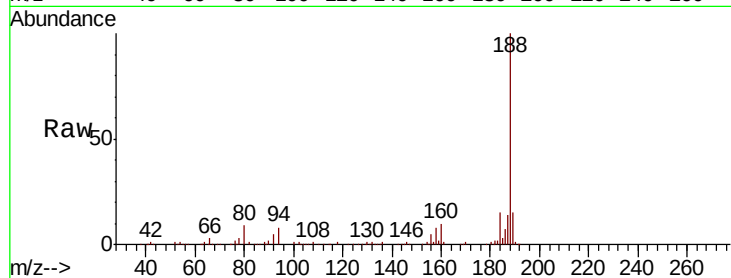




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

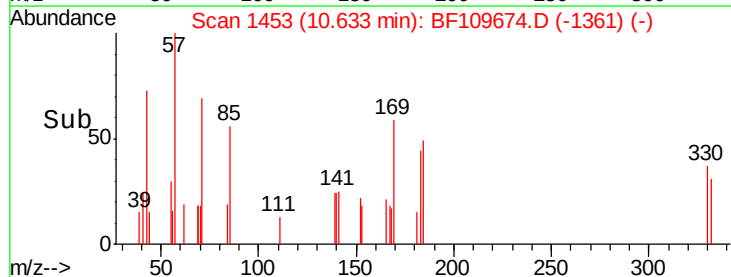
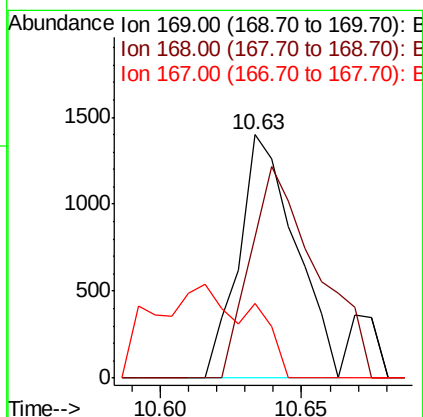
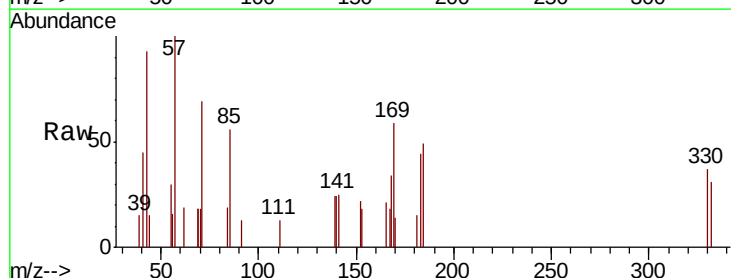
Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

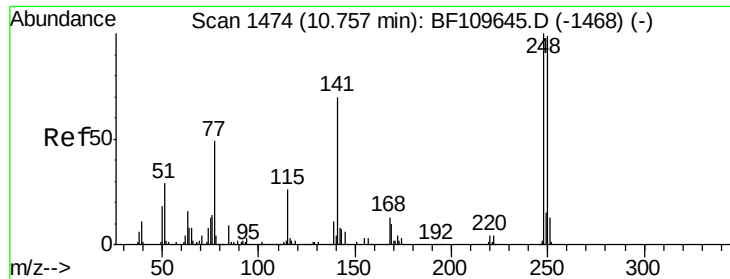
Tgt Ion:188 Resp: 284246
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.7 7.9 11.9



#65
n-Nitrosodiphenylamine
Concen: 0.202 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.24 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:169 Resp: 1943
Ion Ratio Lower Upper
169 100
168 57.8 51.2 76.8
167 30.4 27.8 41.6

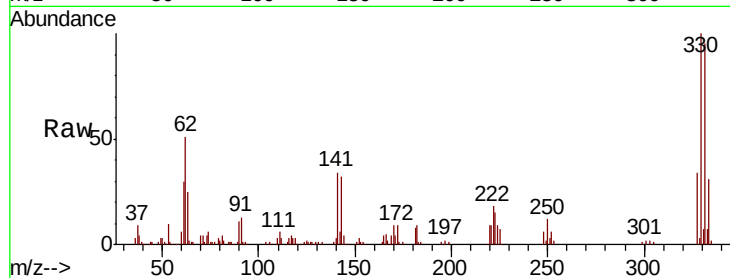




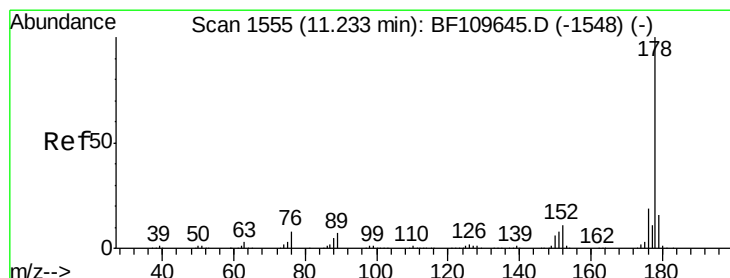
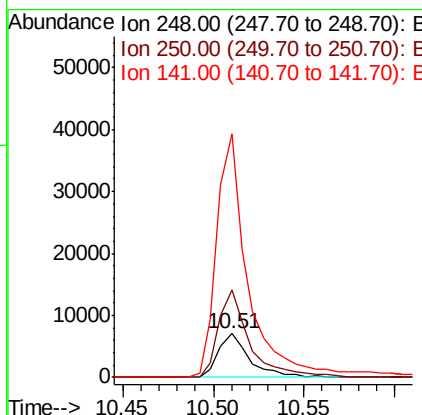
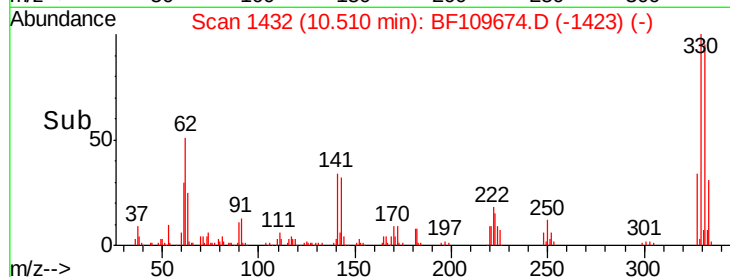
#66
 4-Bromophenyl-phenylether
 Concen: 2.600 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

Tgt Ion:248 Resp: 8492
 Ion Ratio Lower Upper
 248 100
 250 201.7 79.4 119.2#
 141 561.1 55.9 83.9#

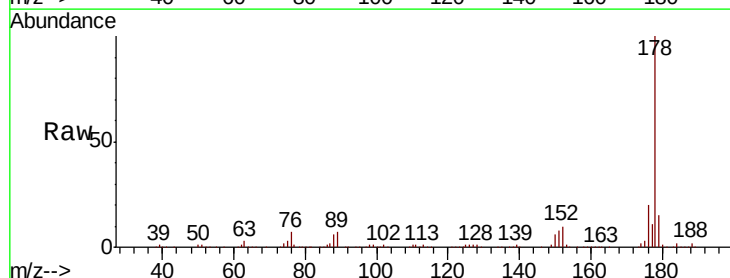


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

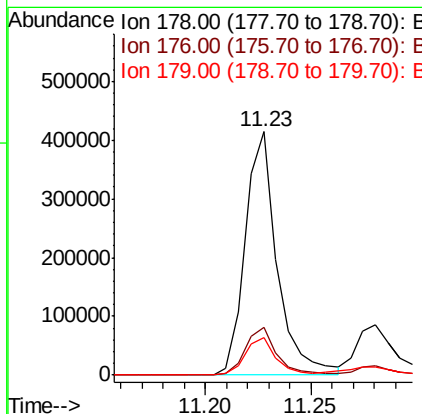
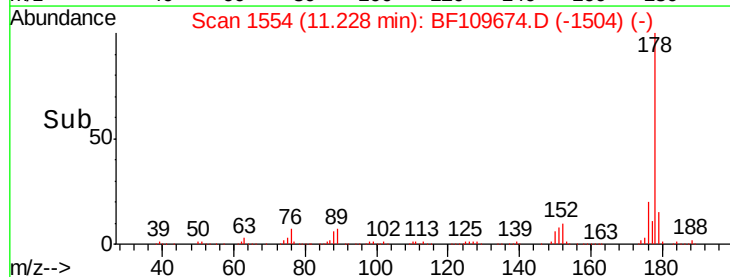


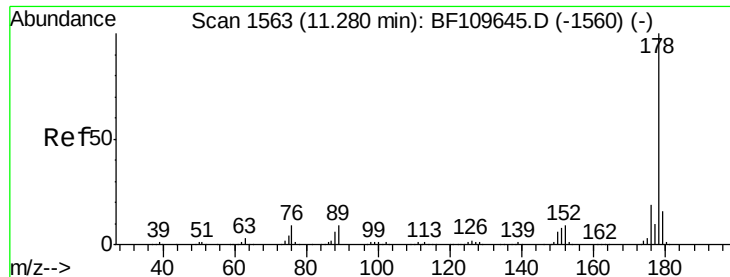
#70
 Phenanthrene
 Concen: 30.615 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion:178 Resp: 435495
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.4 12.5 18.7



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

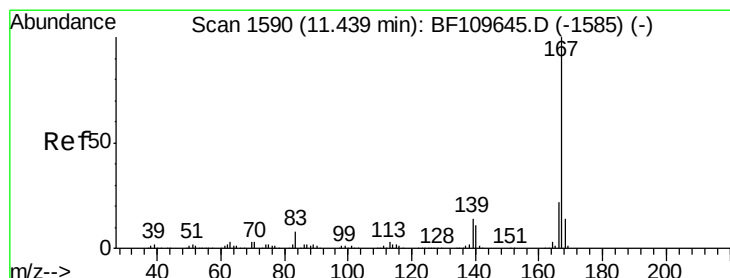
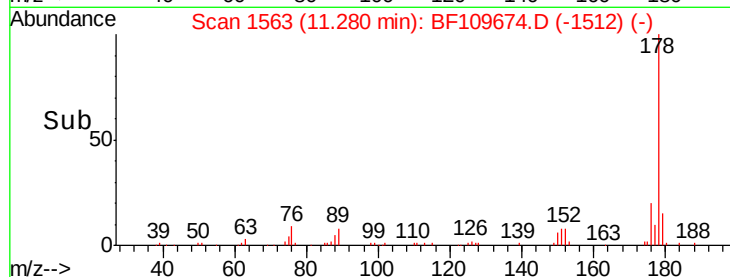
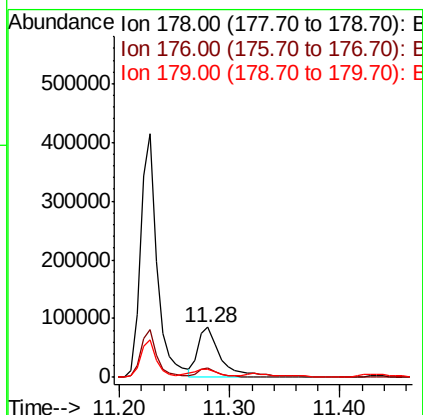
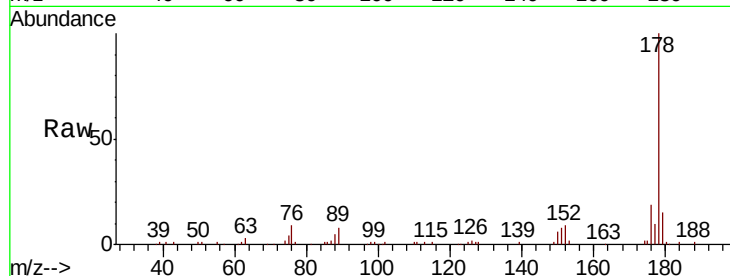




#71
 Anthracene
 Concen: 8.132 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

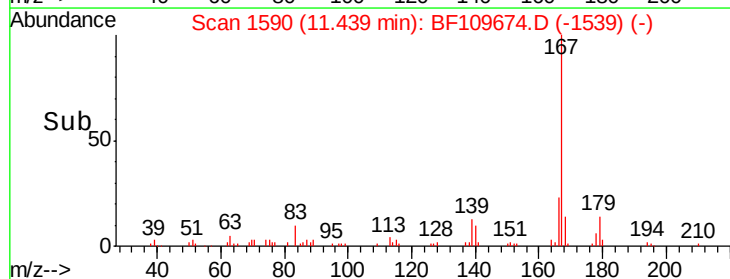
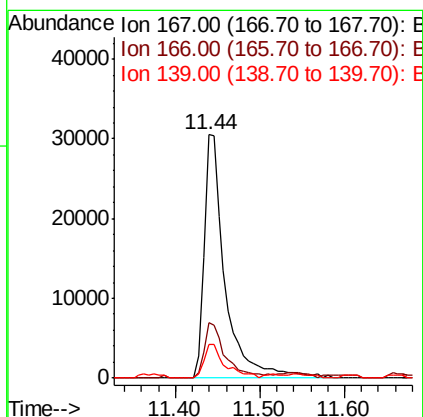
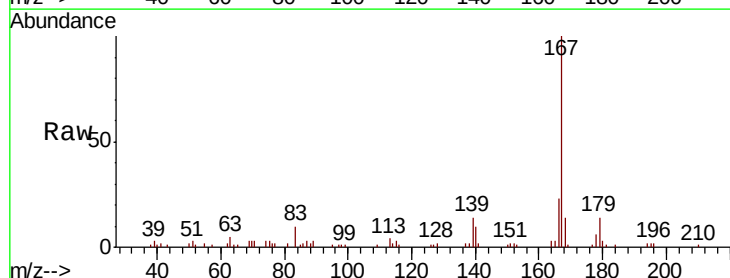
Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

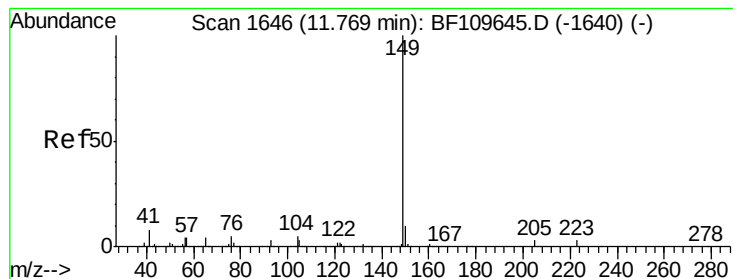
Tgt Ion:178 Resp: 119578
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.3 12.6 18.8



#72
 Carbazole
 Concen: 3.691 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion:167 Resp: 52636
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.4 26.0
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 0.172 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :

BNA_F

ClientSampleId :

GRID11-COMP-100318RE

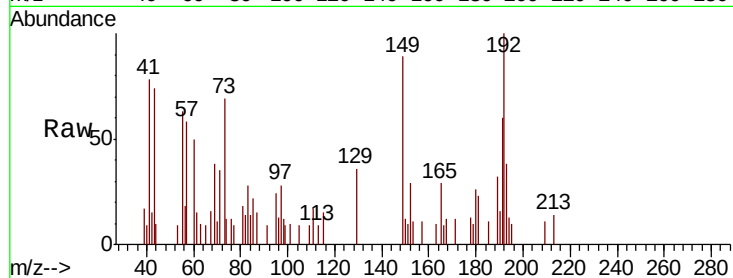
Tgt Ion:149 Resp: 2837

Ion Ratio Lower Upper

149 100

150 13.5 7.7 11.5#

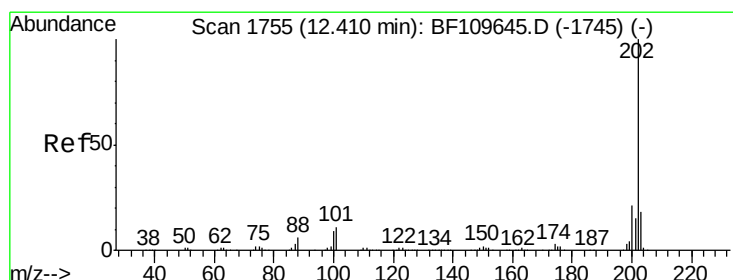
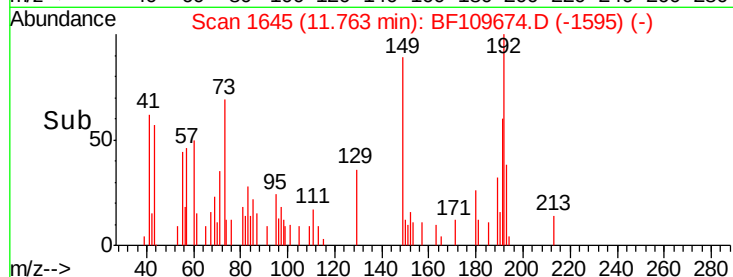
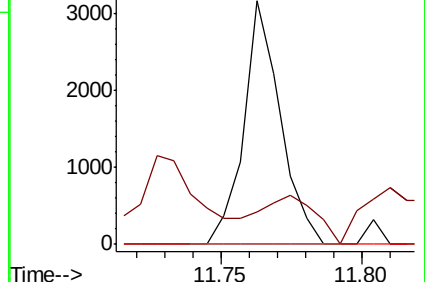
104 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.290 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

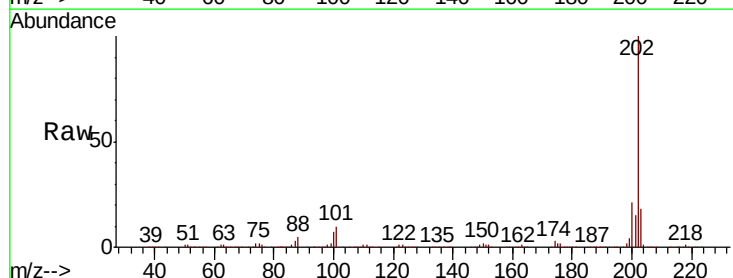
Tgt Ion:202 Resp: 568999

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

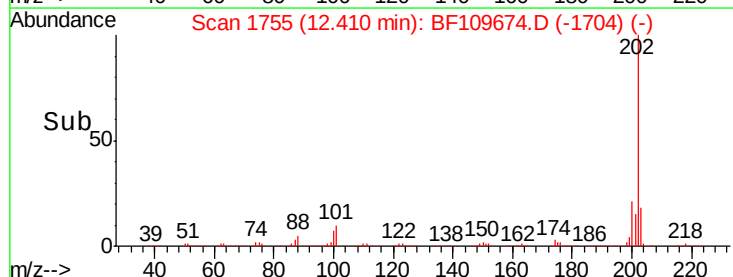
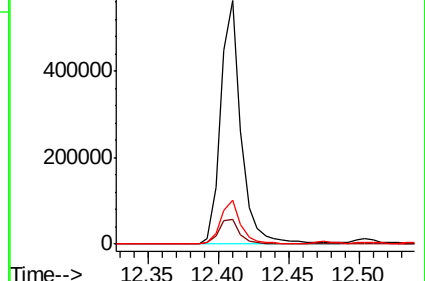
203 17.8 0.0 37.7

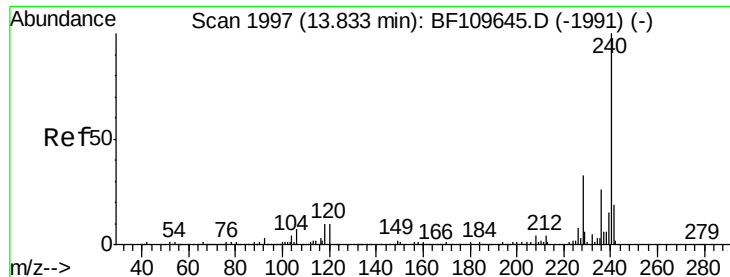


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :

BNA_F

ClientSampleId :

GRID11-COMP-100318RE

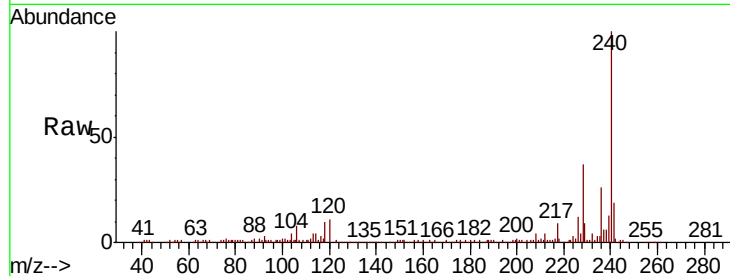
Tgt Ion:240 Resp: 233417

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

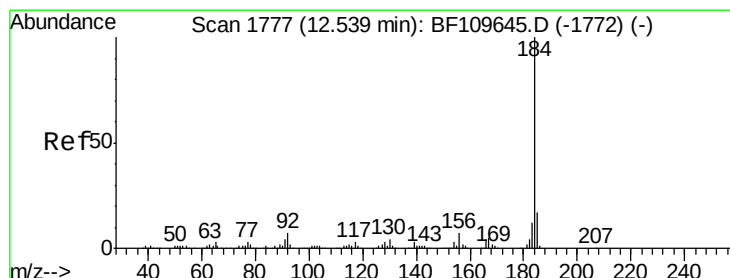
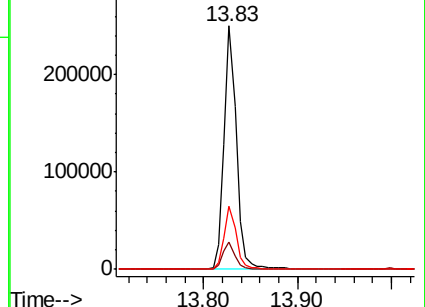
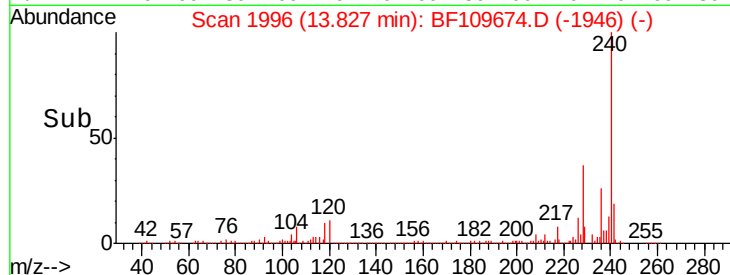
236 26.2 21.2 31.8



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: 0.773 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

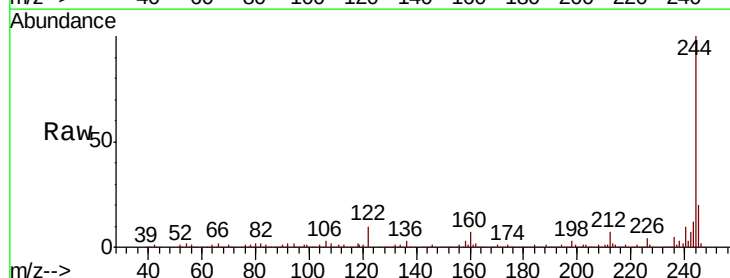
Tgt Ion:184 Resp: 6702

Ion Ratio Lower Upper

184 100

185 17.4 13.4 20.2

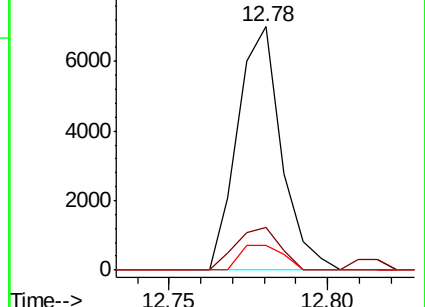
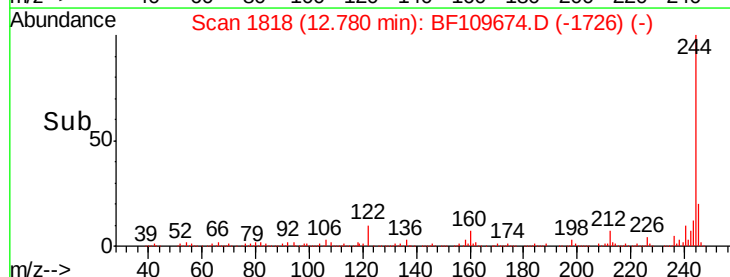
183 10.4 9.4 14.2

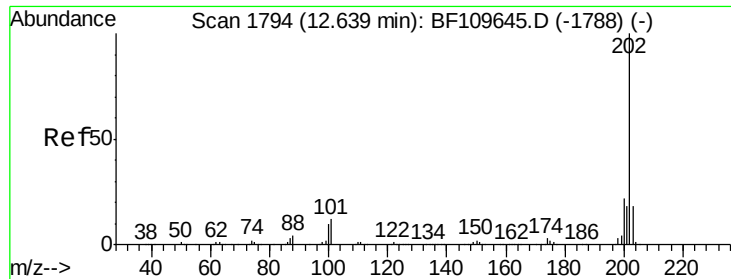


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

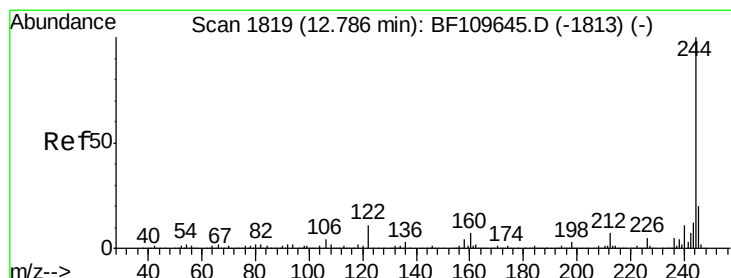
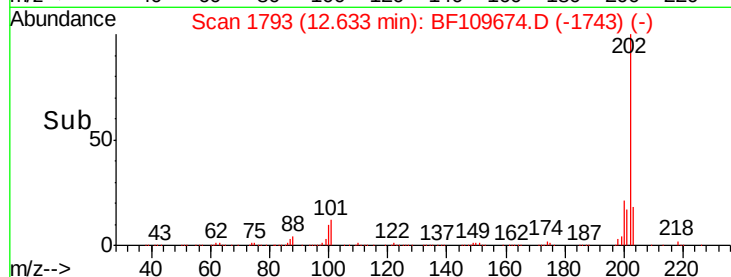
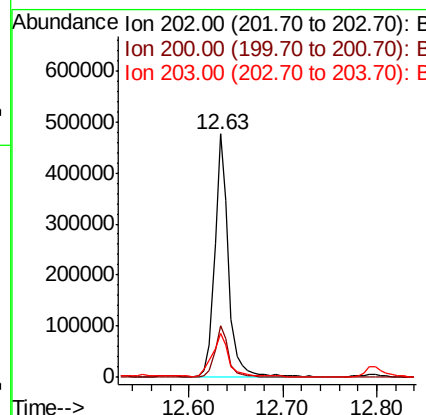
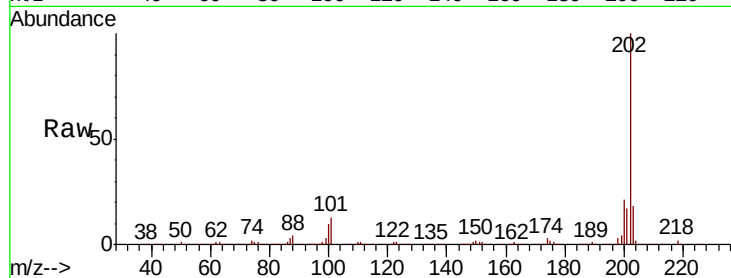




#77
 Pyrene
 Concen: 28.467 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

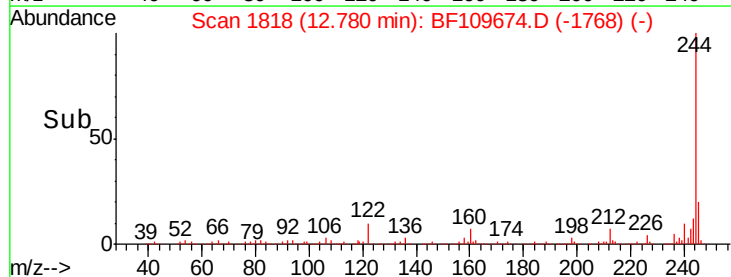
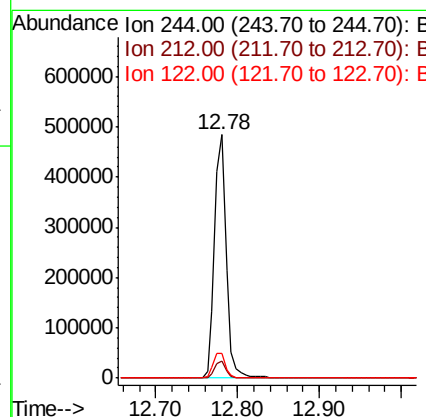
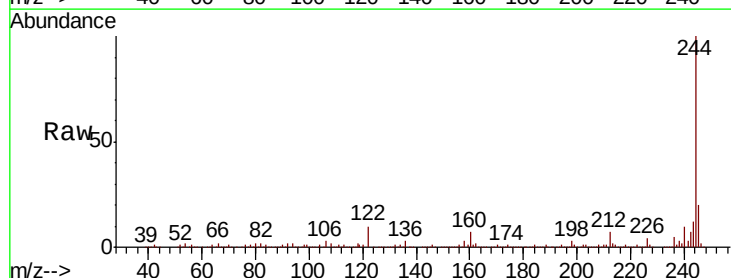
Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

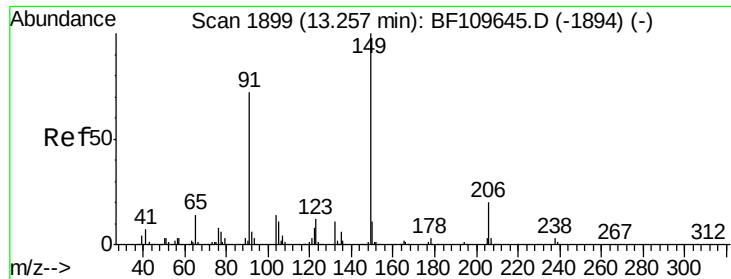
Tgt Ion: 202 Resp: 486839
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.8 26.6
 203 18.1 14.2 21.4



#78
 Terphenyl-d14
 Concen: 40.117 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion: 244 Resp: 483712
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.7 13.1

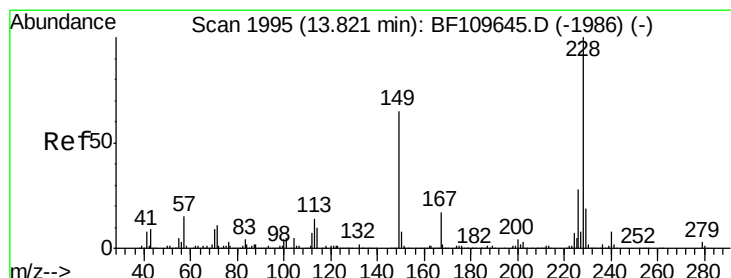
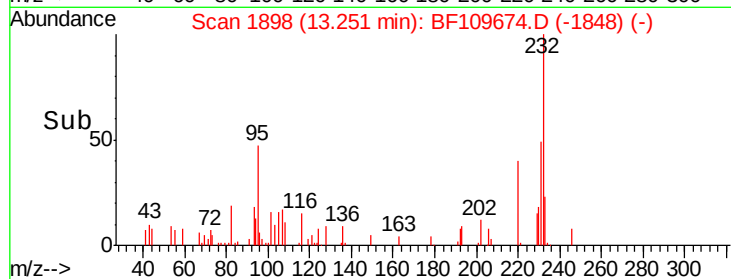
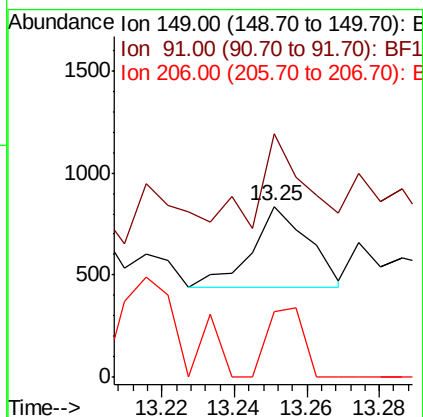
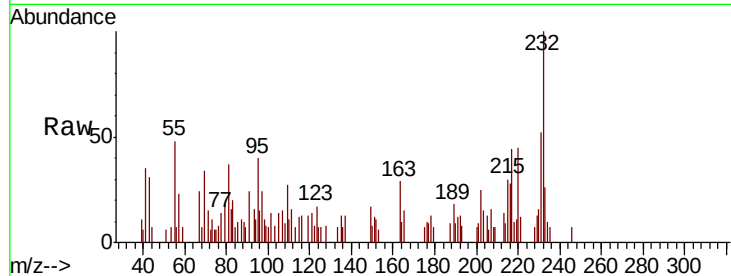




#79
Butylbenzylphthalate
Concen: 0.057 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

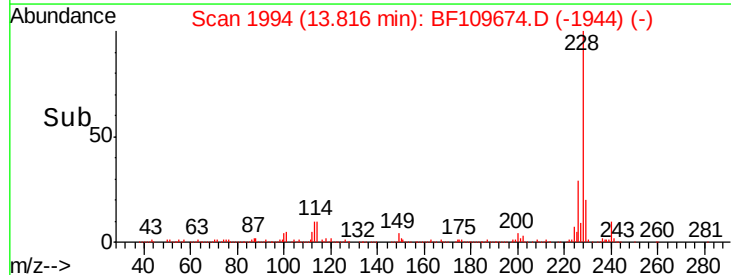
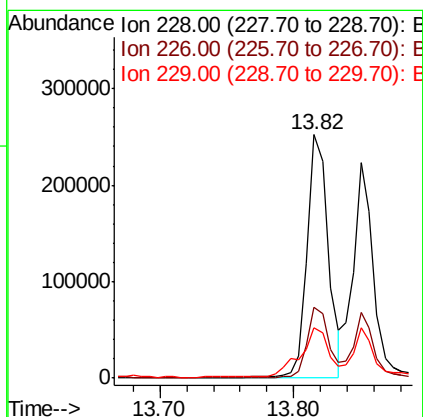
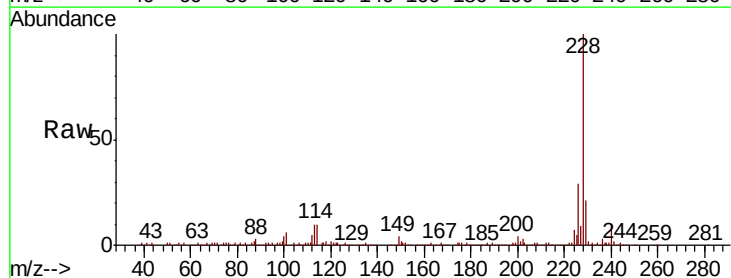
Instrument :
BNA_F
ClientSampleId :
GRID11-COMP-100318RE

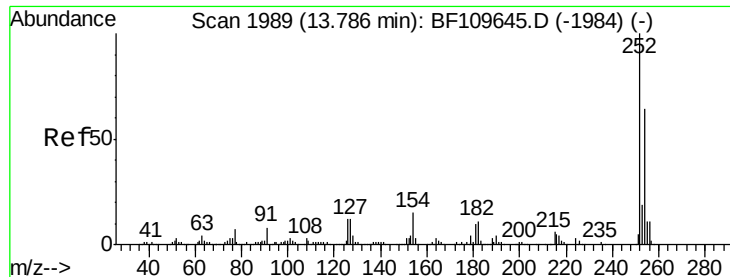
Tgt Ion:149 Resp: 426
Ion Ratio Lower Upper
149 100
91 142.3 57.2 85.8#
206 38.0 15.7 23.5#



#80
Benzo(a)anthracene
Concen: 21.144 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109674.D
Acq: 9 Oct 2018 3:33

Tgt Ion:228 Resp: 272354
Ion Ratio Lower Upper
228 100
226 29.0 22.1 33.1
229 20.8 15.6 23.4

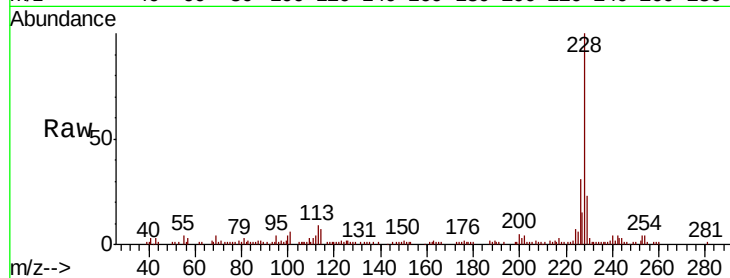




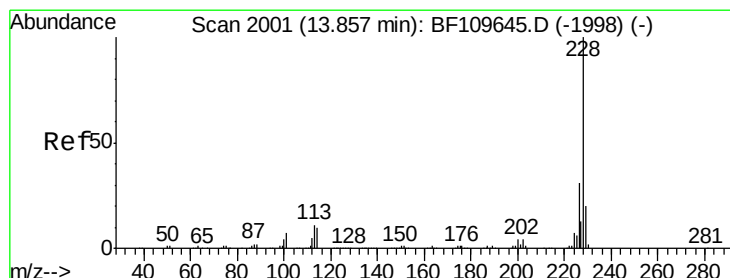
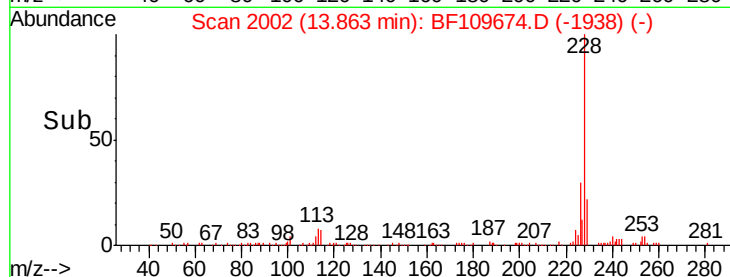
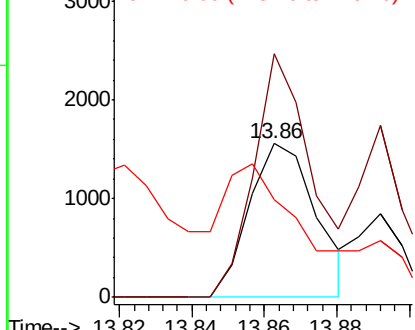
#81
 3,3'-Dichlorobenzidine
 Concen: 0.386 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.08 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

Tgt Ion: 252 Resp: 2003
 Ion Ratio Lower Upper
 252 100
 254 158.7 51.3 76.9#
 126 64.0 9.4 14.2#

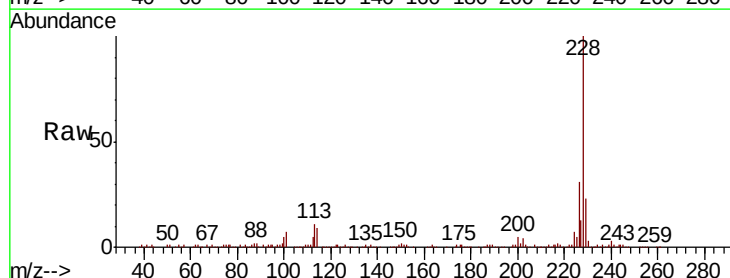


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

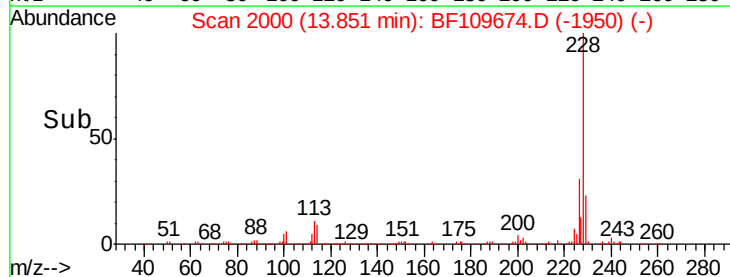
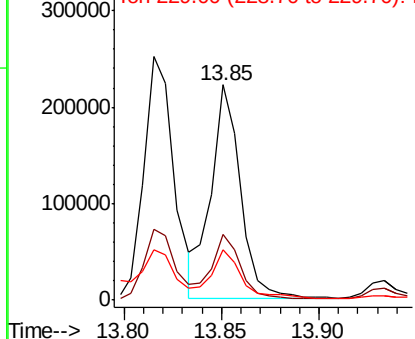


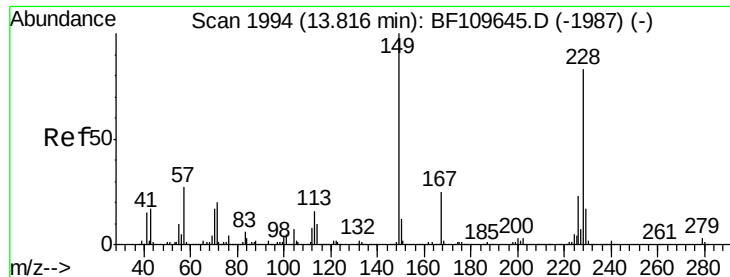
#82
 Chrysene
 Concen: 17.356 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion: 228 Resp: 234819
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.7 37.1
 229 23.2 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

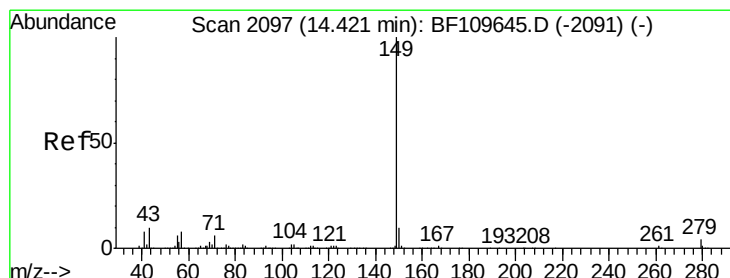
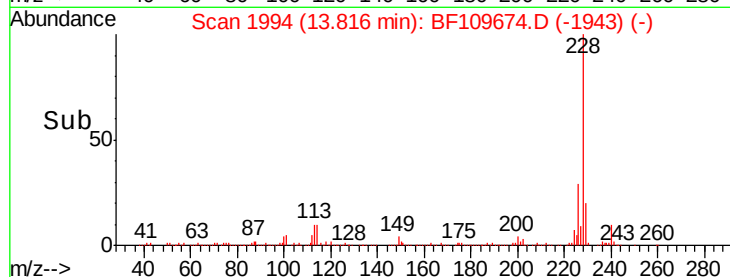
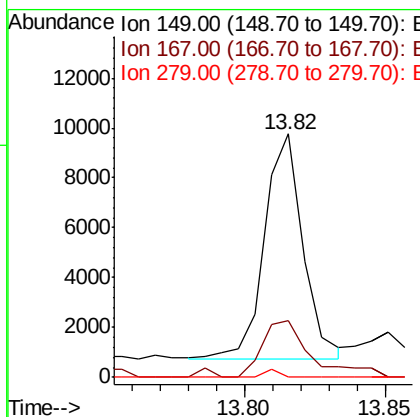
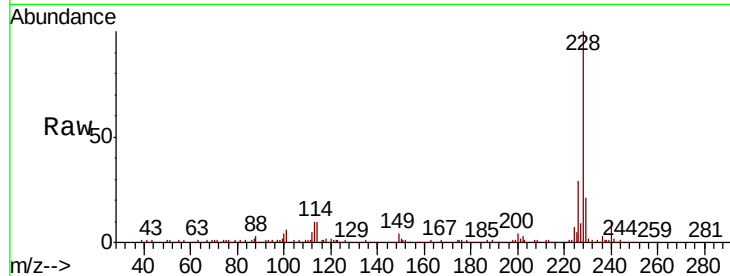




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.946 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

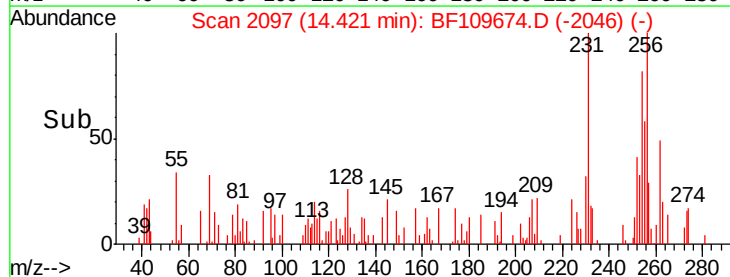
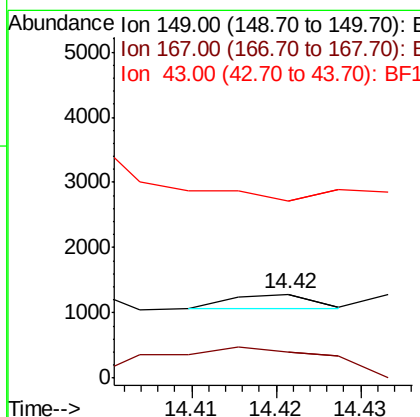
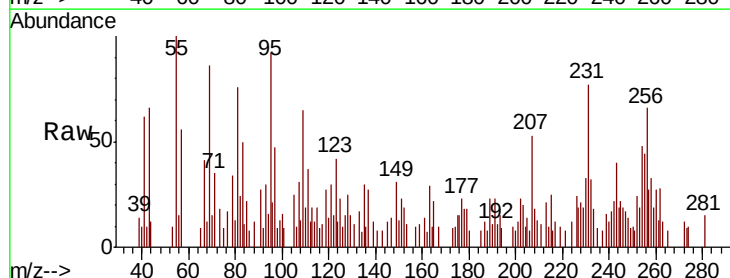
Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

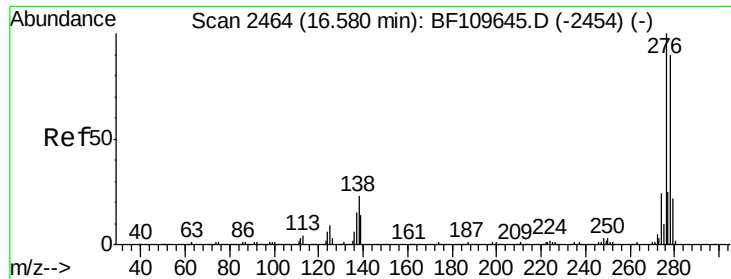
Tgt Ion:149 Resp: 8561
 Ion Ratio Lower Upper
 149 100
 167 23.3 19.8 29.8
 279 0.0 2.7 4.1#



#84
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion:149 Resp: 162
 Ion Ratio Lower Upper
 149 100
 167 504.3 1.1 1.7#
 43 0.0 7.8 11.8#

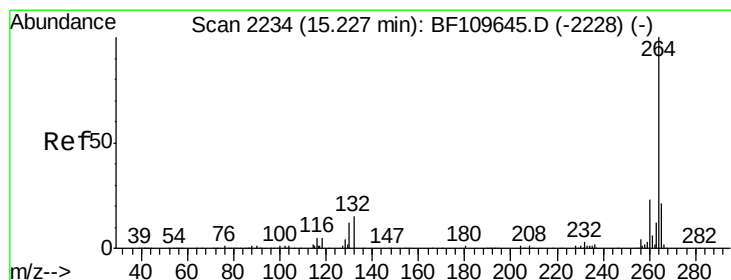
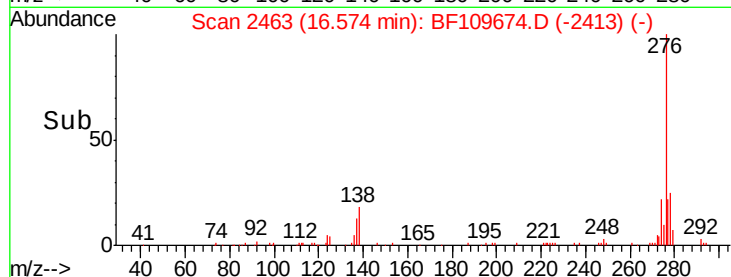
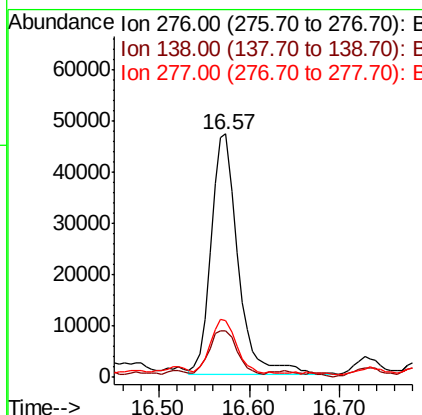
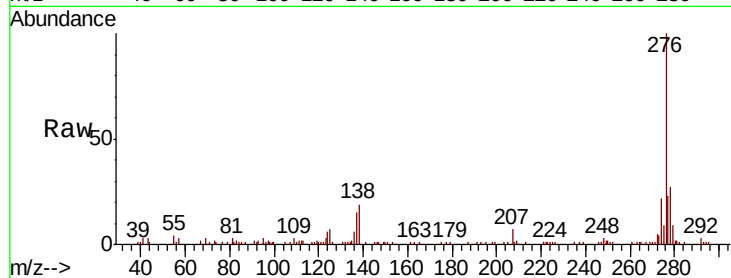




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.900 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

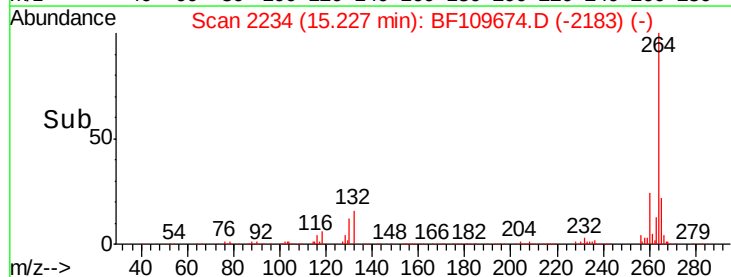
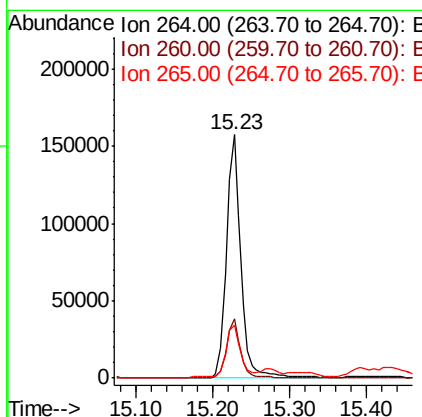
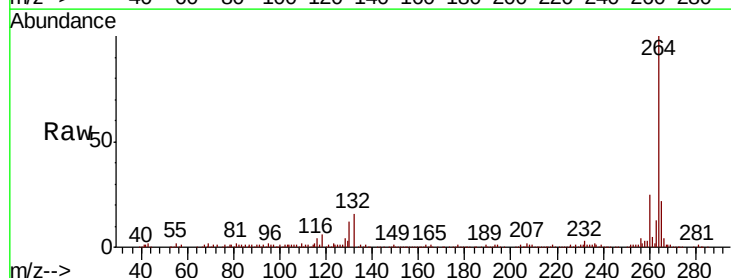
Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

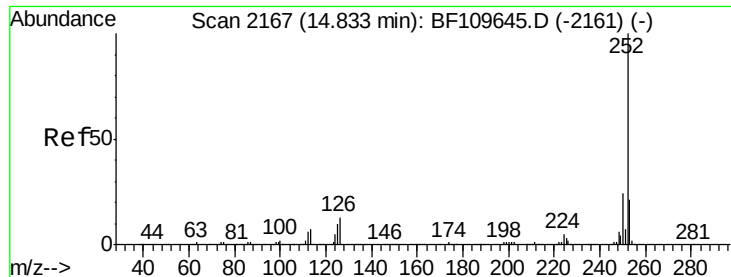
Tgt Ion: 276 Resp: 95877
 Ion Ratio Lower Upper
 276 100
 138 19.9 18.5 27.7
 277 22.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Tgt Ion: 264 Resp: 206999
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 22.0 16.7 25.1





#87

Benzo(b)fluoranthene

Concen: 29.593 ng

RT: 14.83 min Scan# 2167

Delta R.T. 0.00 min

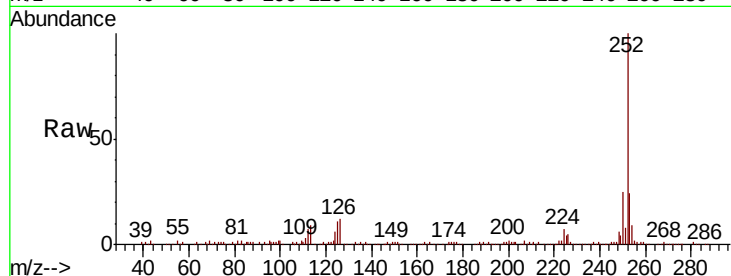
Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Instrument :
BNA_F

ClientSampleId :
GRID11-COMP-100318RE

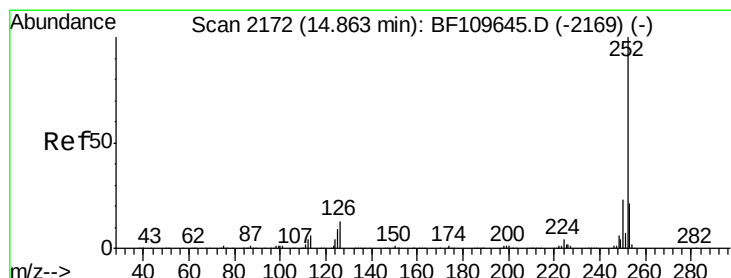
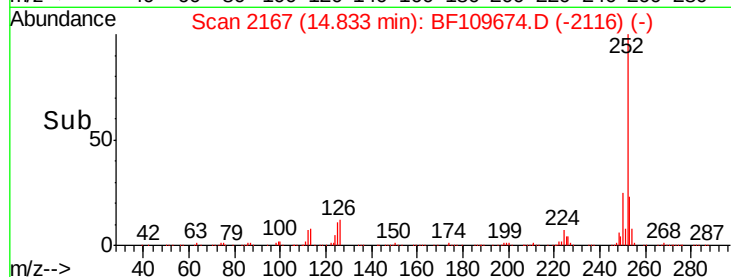
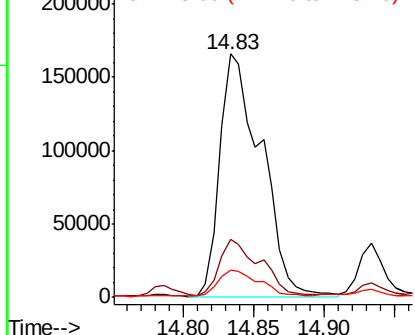
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.2	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.453 ng

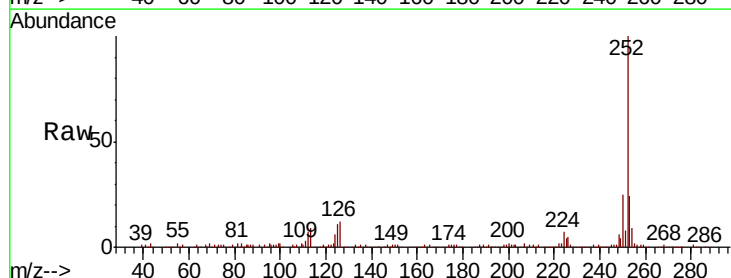
RT: 14.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

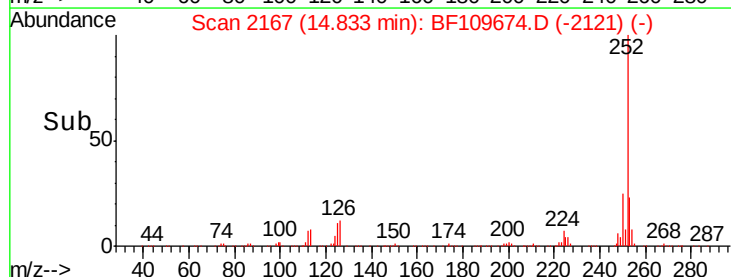
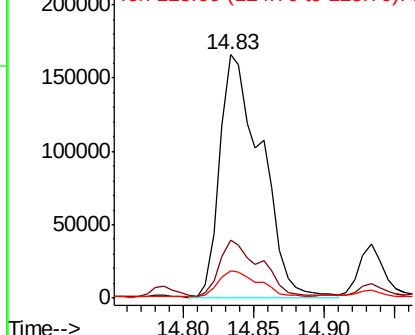
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.2	7.4	11.0#

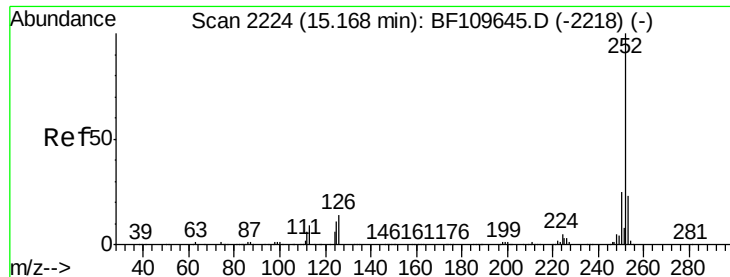


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.430 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

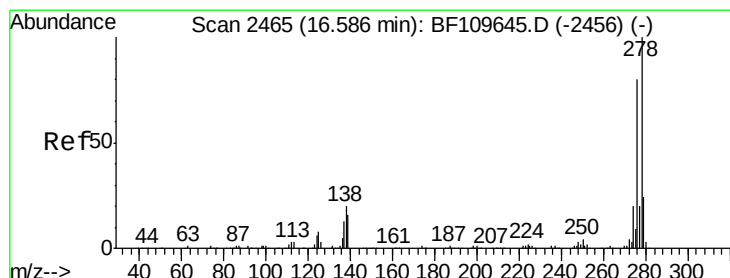
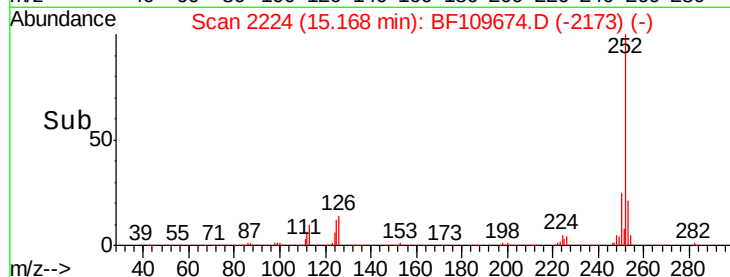
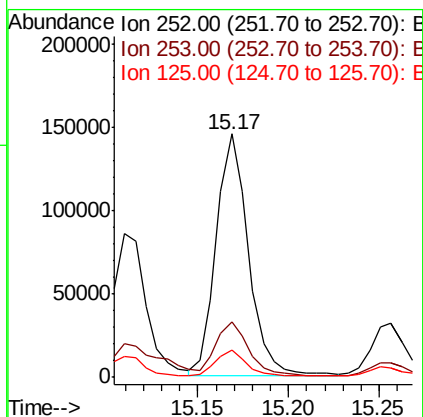
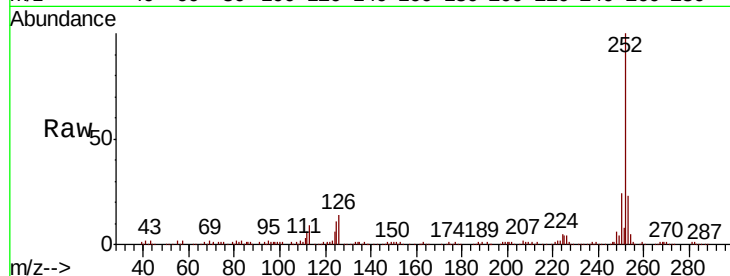
Instrument :

BNA_F

ClientSampleId :

GRID11-COMP-100318RE

Tgt Ion:	252	Resp:	180940
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.4
125	11.3	9.0	13.6



#90

Dibenzo(a,h)anthracene

Concen: 2.631 ng

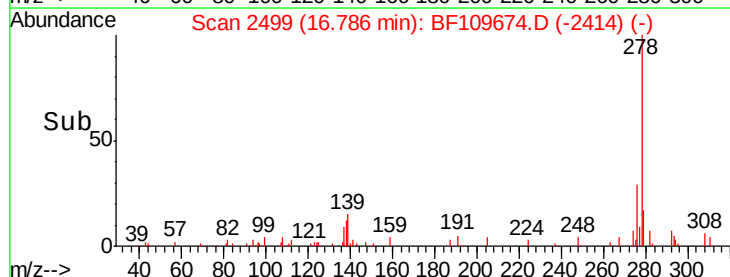
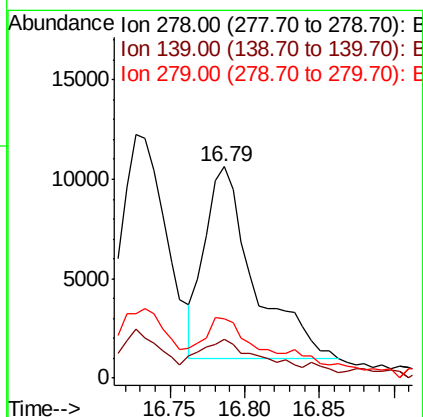
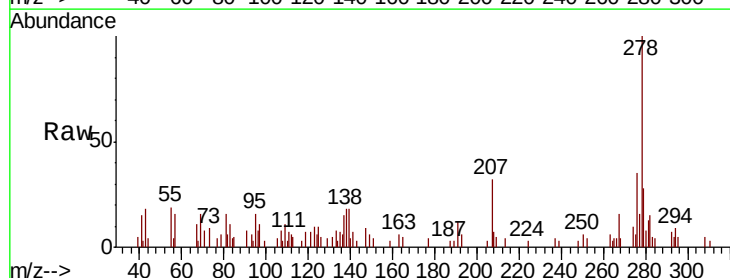
RT: 16.79 min Scan# 2499

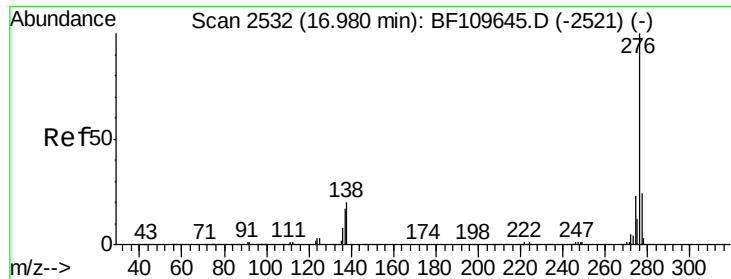
Delta R.T. 0.20 min

Lab File: BF109674.D

Acq: 9 Oct 2018 3:33

Tgt Ion:	278	Resp:	22432
Ion Ratio	Lower	Upper	
278	100		
139	18.2	12.7	19.1
279	28.2	19.0	28.4

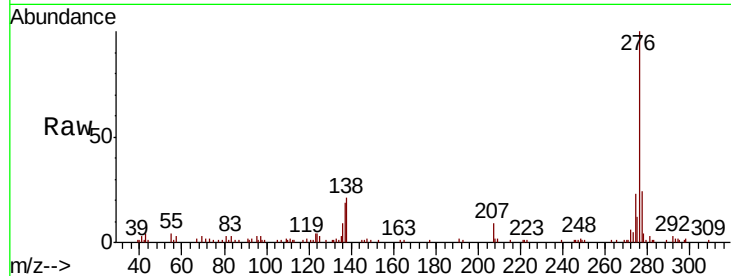




#91
 Benzo(g,h,i)perylene
 Concen: 9.880 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BF109674.D
 Acq: 9 Oct 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 GRID11-COMP-100318RE

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.5	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

