

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109670.D
 Acq On : 9 Oct 2018 1:41
 Operator : JU/SJ
 Sample : J5287-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Quant Time: Oct 09 04:08:21 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	96711	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	367083	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	148092	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	235251	20.00	ng	0.00
75) Chrysene-d12	13.83	240	203855	20.00	ng	0.00
86) Perylene-d12	15.22	264	179743	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	548650	100.70	ng	0.00
7) Phenol-d6	6.35	99	769401	105.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	480969	72.23	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	138238	85.67	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	728936	67.79	ng	0.00
78) Terphenyl-d14	12.78	244	514354	48.84	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.36	93	425	0.050	ng	# 1
9) Benzaldehyde	6.35	77	1450	0.310	ng	# 1
10) Phenol	6.36	94	37806	4.530	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	805	0.116	ng	# 1
15) Benzyl Alcohol	6.85	79	6986	1.295	ng	# 51
18) Hexachloroethane	7.06	117	353	0.120	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	63325	12.406	ng	# 75
24) Nitrobenzene	7.26	77	1198	0.173	ng	# 33
25) Isophorone	7.26	82	480969	43.494	ng	# 67
31) Naphthalene	8.00	128	7640	0.450	ng	# 94
33) 4-Chloroaniline	8.00	127	653	0.087	ng	# 37
37) 2-Methylnaphthalene	8.70	142	2648	0.238	ng	97
45) 1,1'-Biphenyl	9.16	154	1529	0.116	ng	86
47) 2-Nitroaniline	9.45	65	556	0.185	ng	# 1
48) Acenaphthylene	9.59	152	1989	0.138	ng	# 84
49) Dimethylphthalate	9.45	163	78448	7.223	ng	100
50) 2,6-Dinitrotoluene	9.45	165	631	0.268	ng	# 1
51) Acenaphthene	9.76	154	126	0.015	ng	# 4
54) Dibenzofuran	9.95	168	1345	0.105	ng	# 90
55) 4-Nitrophenol	9.95	139	229	0.159	ng	# 6
56) 2,4-Dinitrotoluene	9.72	165	18463	6.284	ng	# 19
57) Fluorene	10.51	166	5419	0.565	ng	# 86
59) Diethylphthalate	10.15	149	139	0.013	ng	# 59
62) Azobenzene	10.51	77	675	0.062	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	5532	0.694	ng	# 46
66) 4-Bromophenyl-phenylether	10.51	248	7562	2.798	ng	# 1
70) Phenanthrene	11.23	178	9812	0.833	ng	97
71) Anthracene	11.23	178	9812	0.806	ng	97
72) Carbazole	11.46	167	2671	0.226	ng	# 59
73) Di-n-butylphthalate	11.76	149	1583	0.116	ng	# 77
74) Fluoranthene	12.41	202	24023	1.953	ng	99
76) Benzidine	12.78	184	6982	0.922	ng	98
77) Pyrene	12.63	202	23385	1.566	ng	96
79) Butylbenzylphthalate	13.25	149	555	0.086	ng	# 30

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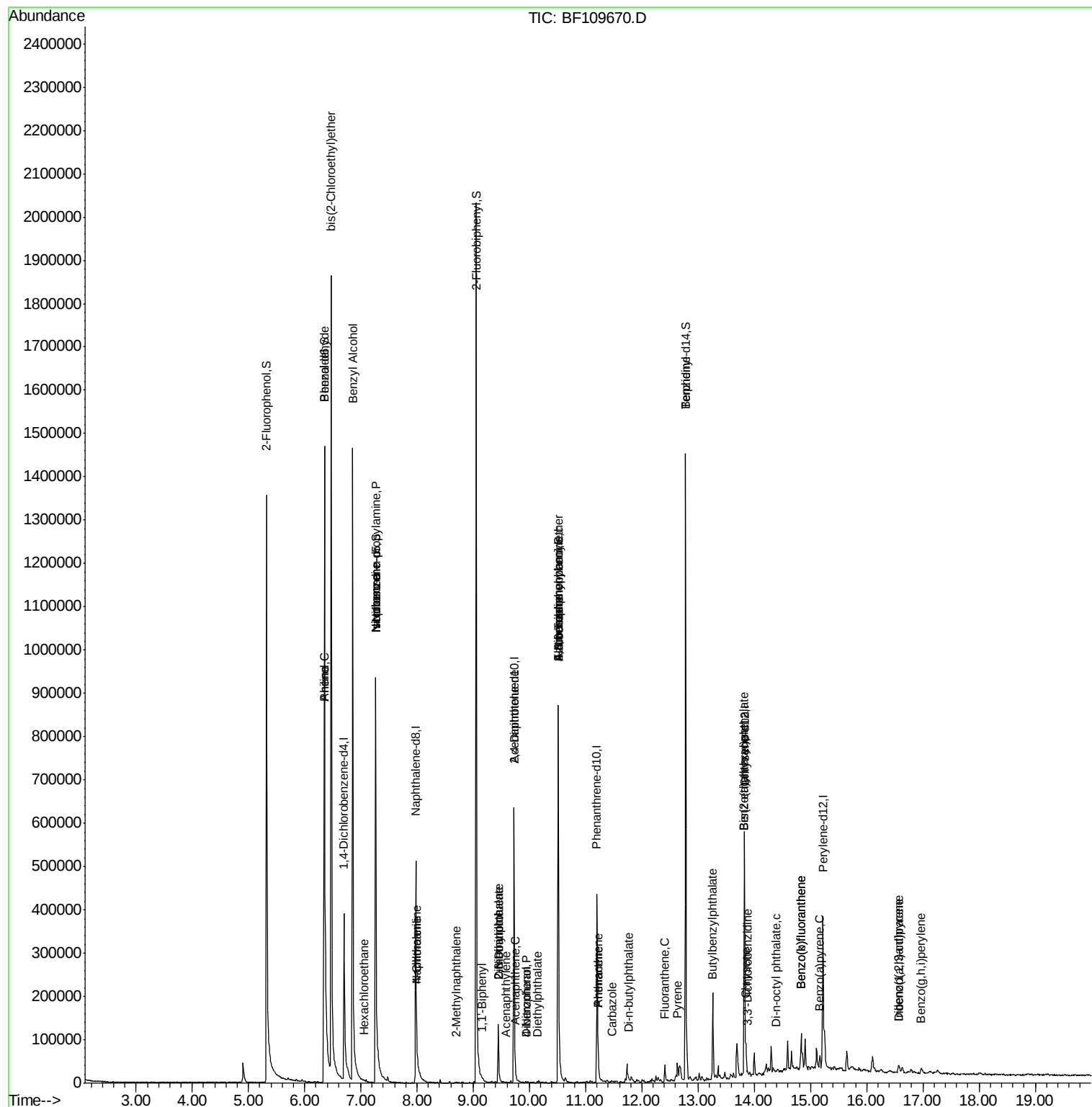
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	13.82	228	14868	1.322	ng	# 92
81) 3,3'-Dichlorobenzidine	13.89	252	108	0.024	ng	# 52
82) Chrysene	13.85	228	29944	2.534	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.82	149	1997	0.253	ng	# 90
84) Di-n-octyl phthalate	14.39	149	237	0.019	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.57	276	12669	1.498	ng	97
87) Benzo(b)fluoranthene	14.83	252	58742	5.914	ng	97
88) Benzo(k)fluoranthene	14.83	252	58742	5.886	ng	97
89) Benzo(a)pyrene	15.17	252	17067	1.893	ng	# 96
90) Dibenzo(a,h)anthracene	16.58	278	4788	0.647	ng	# 84
91) Benzo(g,h,i)perylene	16.97	276	11800	1.596	ng	98

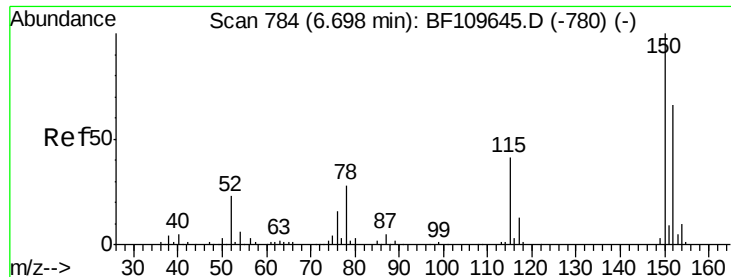
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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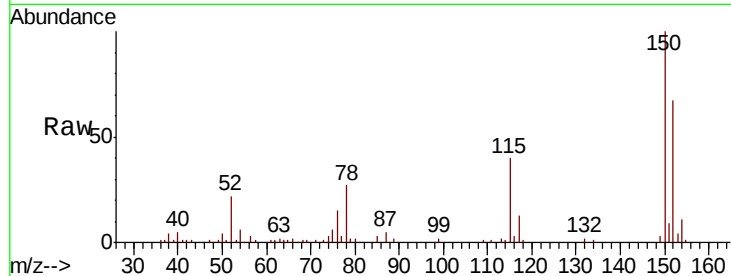




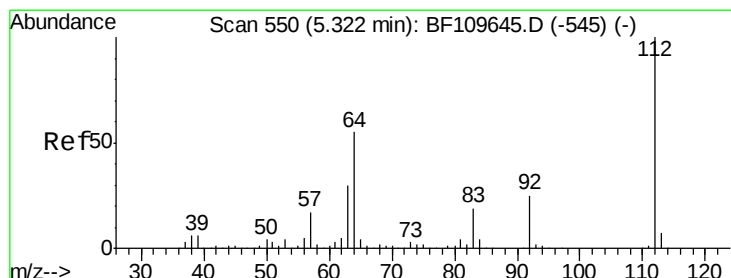
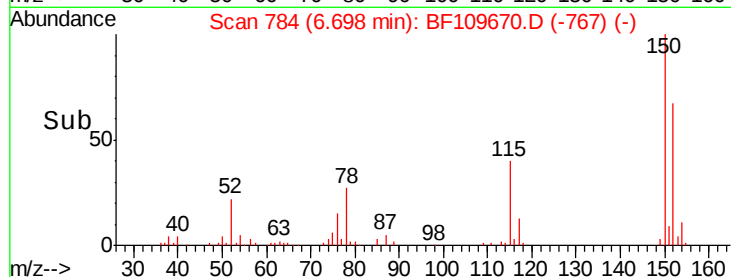
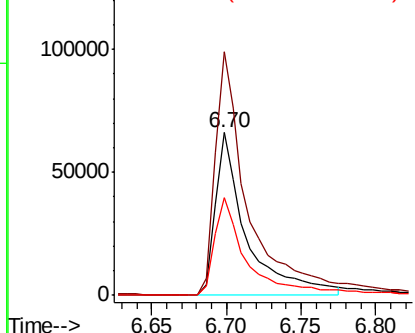
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion:152 Resp: 96711
 Ion Ratio Lower Upper
 152 100
 150 149.5 122.7 184.1
 115 60.0 49.1 73.7

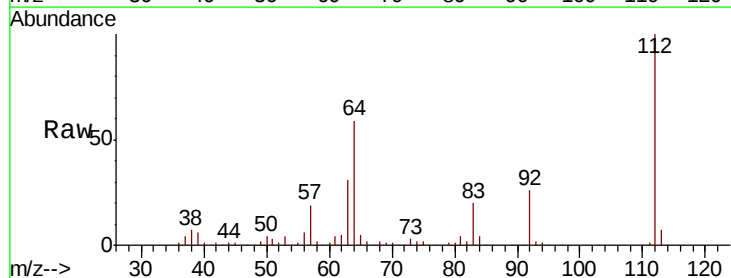


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

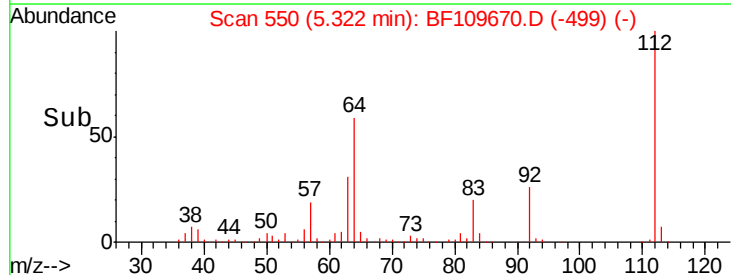
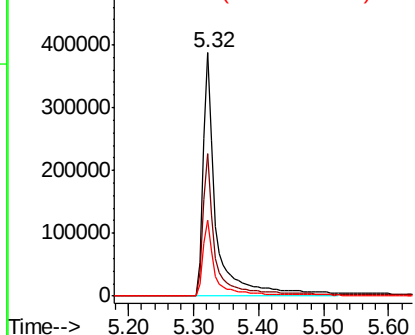


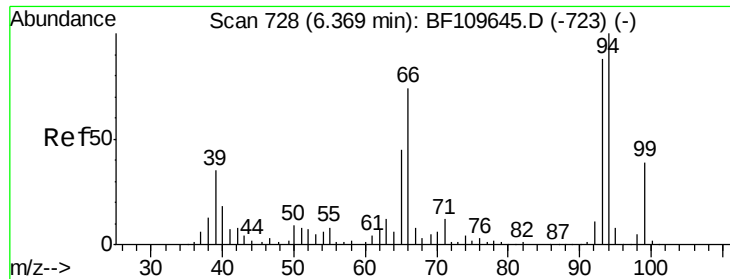
#5
 2-Fluorophenol
 Concen: 100.699 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion:112 Resp: 548650
 Ion Ratio Lower Upper
 112 100
 64 58.6 44.1 66.1
 63 31.3 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: 0.050 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

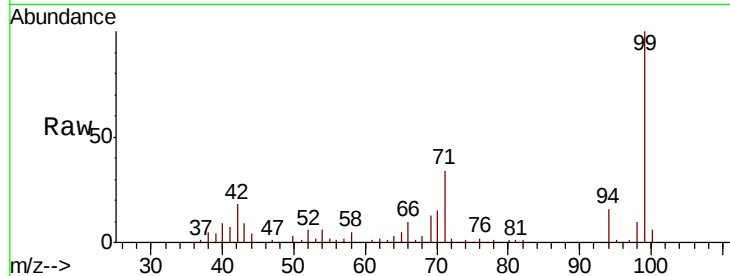
Tgt Ion: 93 Resp: 425

Ion Ratio Lower Upper

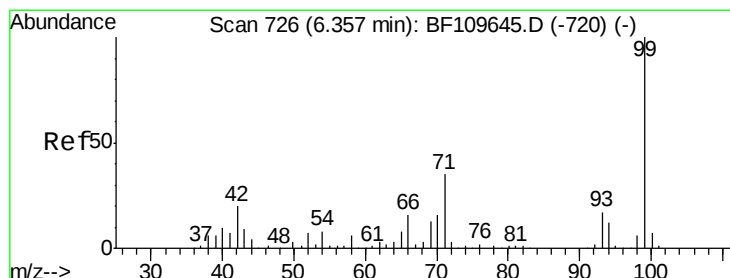
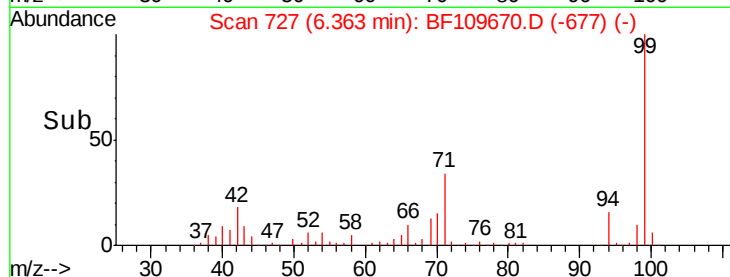
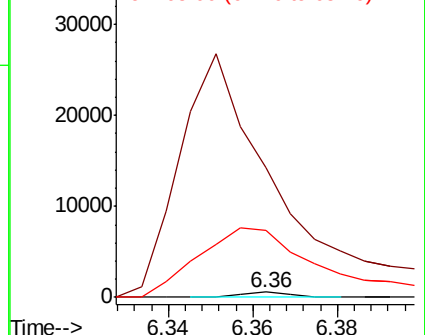
93 100

66 2632.0 67.4 101.0#

65 1362.2 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: 105.709 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

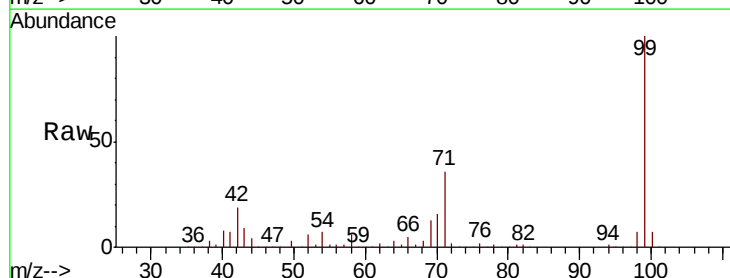
Tgt Ion: 99 Resp: 769401

Ion Ratio Lower Upper

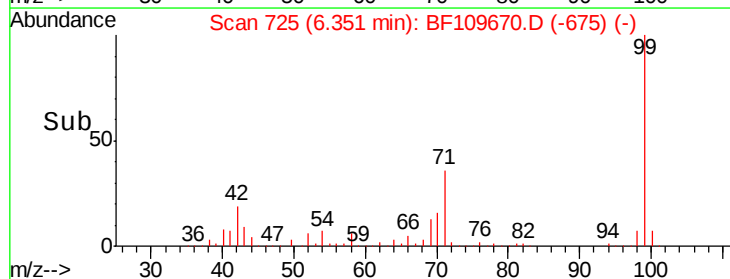
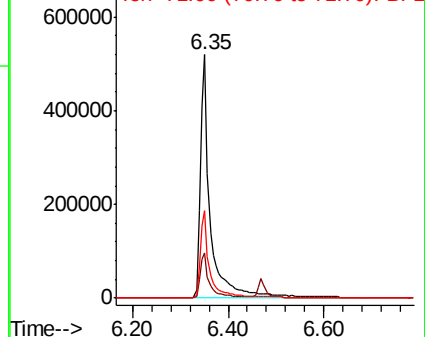
99 100

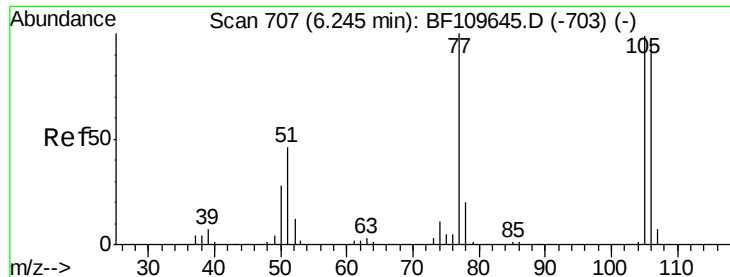
42 18.8 15.8 23.6

71 35.7 28.0 42.0



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

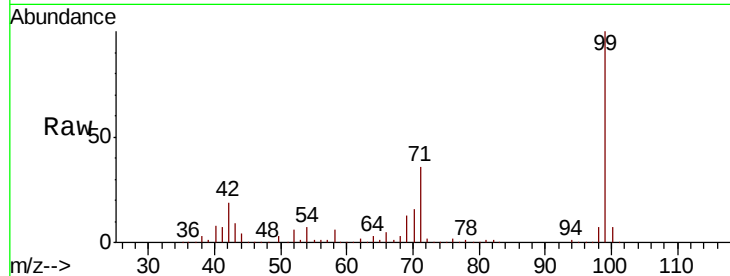




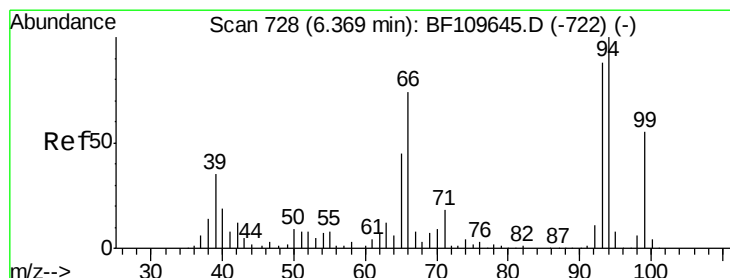
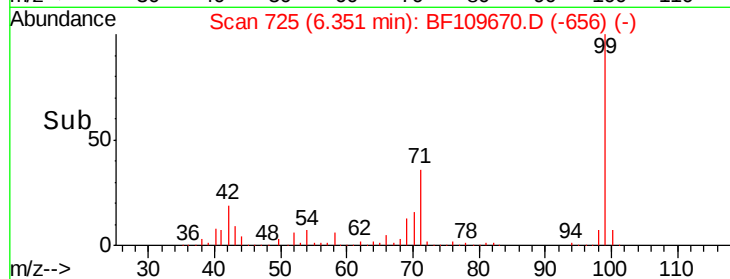
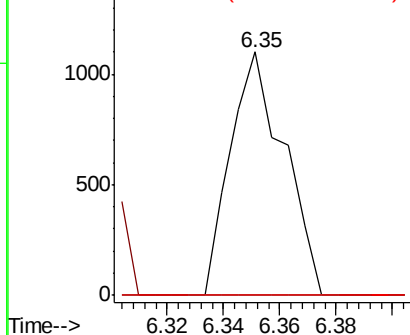
#9
Benzaldehyde
Concen: 0.310 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.11 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Instrument :
BNA_F
ClientSampled :
TRACK-D-8

Tgt Ion: 77 Resp: 1450
Ion Ratio Lower Upper
77 100
105 0.0 78.6 118.6#
106 0.0 74.8 114.8#

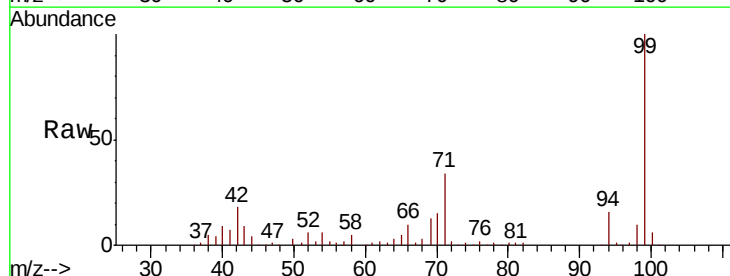


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

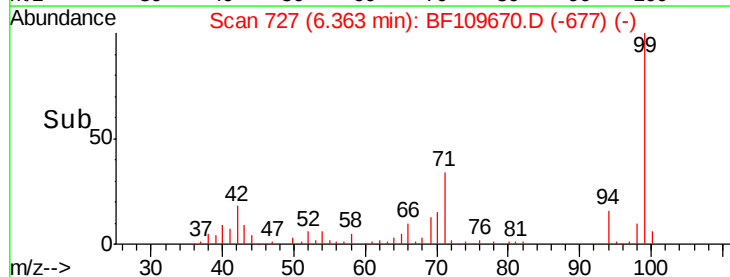
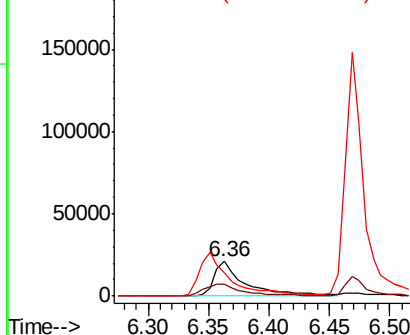


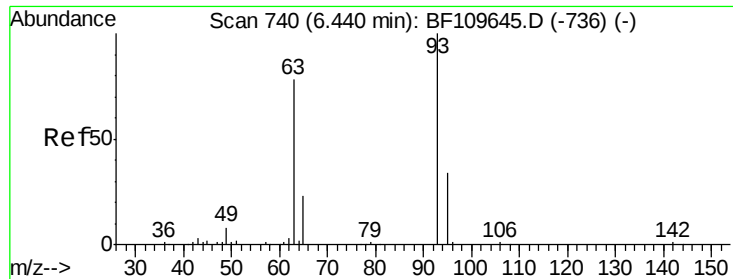
#10
Phenol
Concen: 4.530 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion: 94 Resp: 37806
Ion Ratio Lower Upper
94 100
65 34.8 25.3 65.3
66 67.3 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

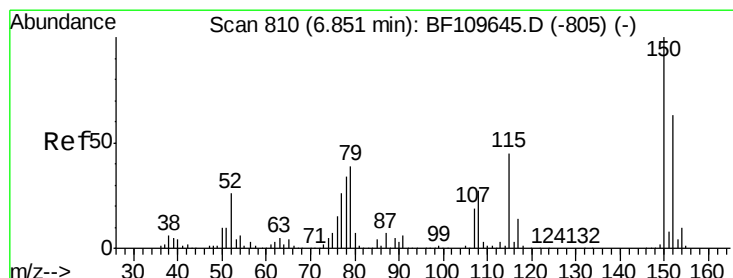
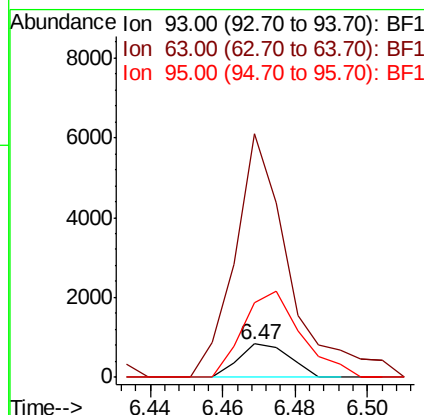
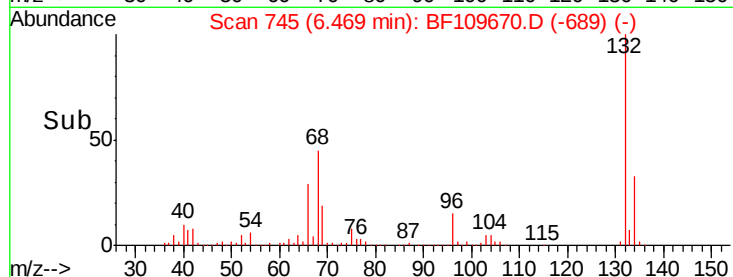
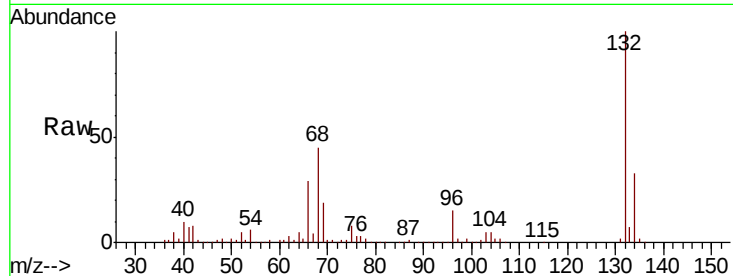




#11
 bis(2-Chloroethyl)ether
 Concen: 0.116 ng
 RT: 6.47 min Scan# 745
 Delta R.T. 0.03 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

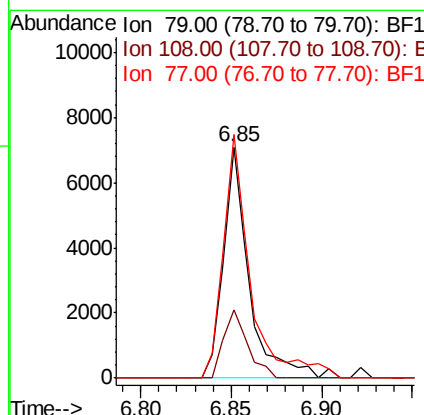
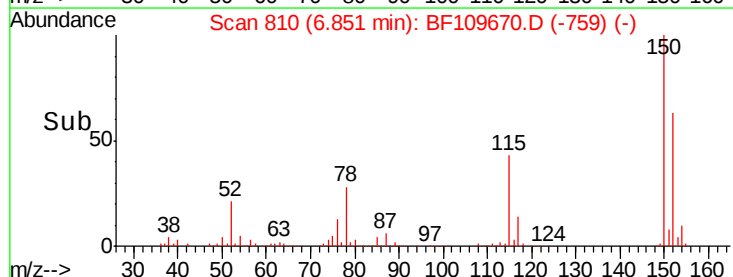
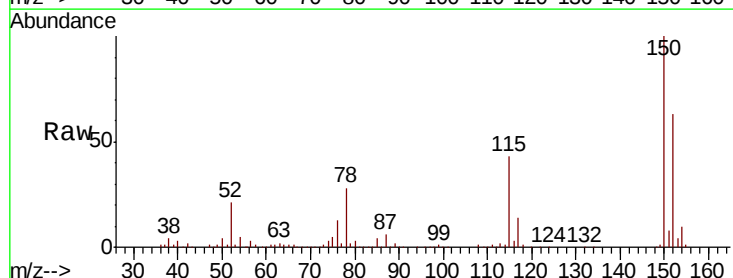
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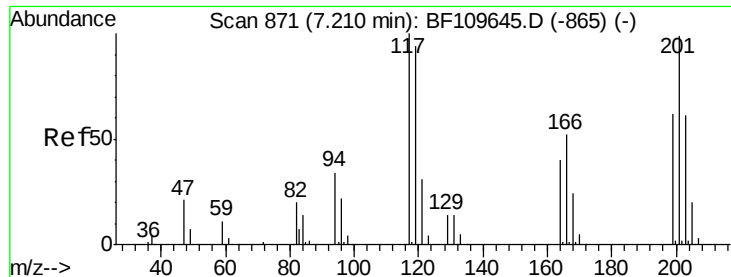
Tgt Ion: 93 Resp: 805
 Ion Ratio Lower Upper
 93 100
 63 735.5 53.4 93.4#
 95 225.1 12.1 52.1#



#15
 Benzyl Alcohol
 Concen: 1.295 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion: 79 Resp: 6986
 Ion Ratio Lower Upper
 79 100
 108 29.4 56.3 84.5#
 77 105.2 52.9 79.3#

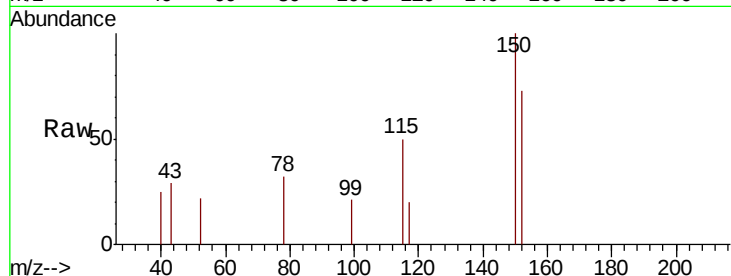




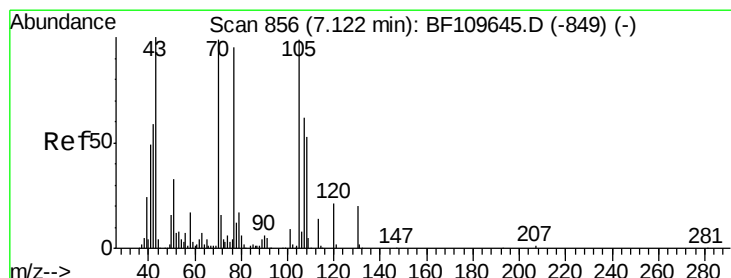
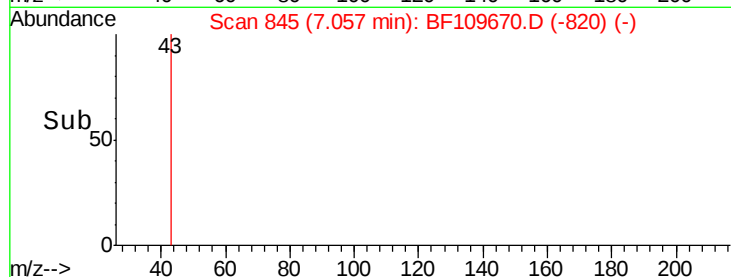
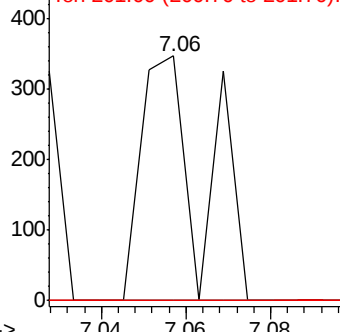
#18
Hexachloroethane
Concen: 0.120 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.15 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Instrument :
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ClientSampleId :
TRACK-D-8

Tgt Ion: 117 Resp: 353
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 79.2 118.8#

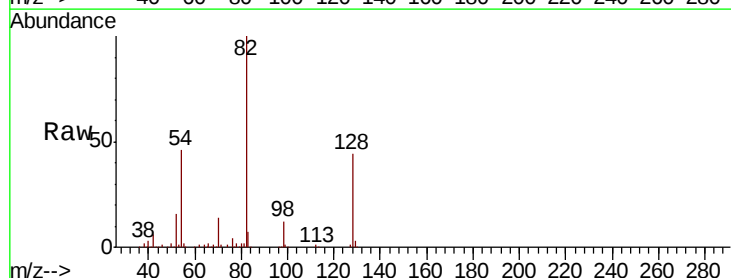


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

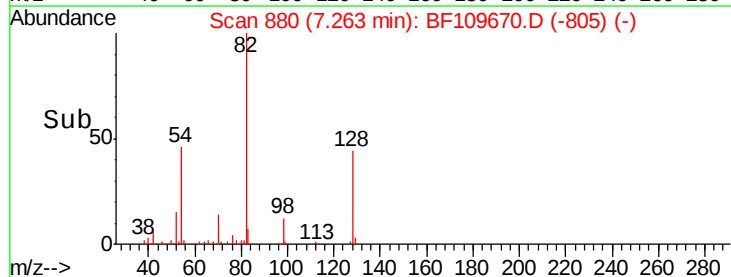
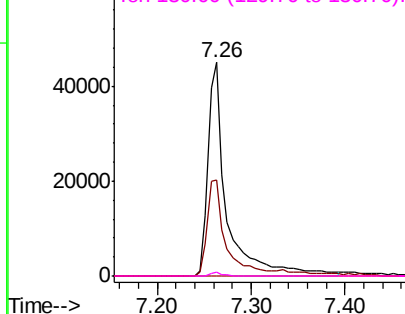


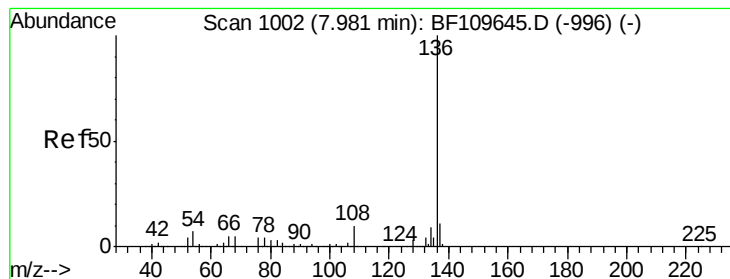
#19
n-Nitroso-di-n-propylamine
Concen: 12.406 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion: 70 Resp: 63325
Ion Ratio Lower Upper
70 100
42 44.9 47.4 71.2#
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

Tgt Ion:136 Resp: 367083

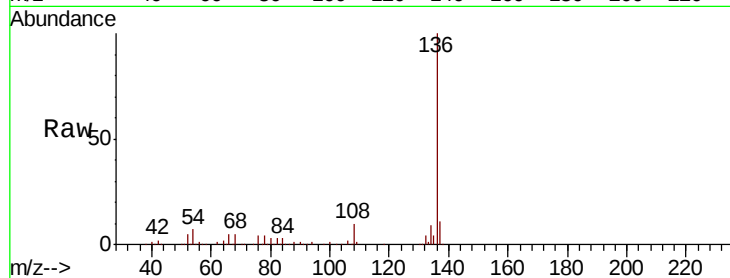
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.0 5.4 8.2

68 5.3 4.2 6.2

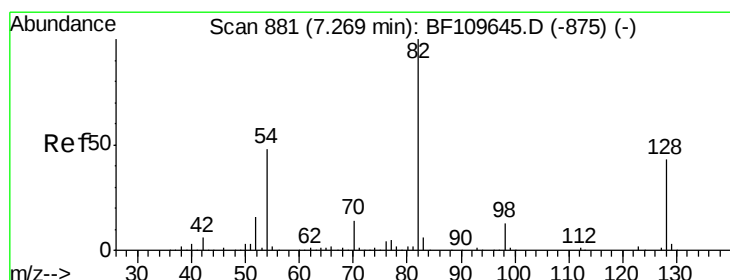
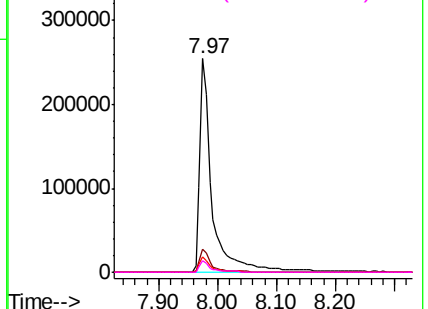
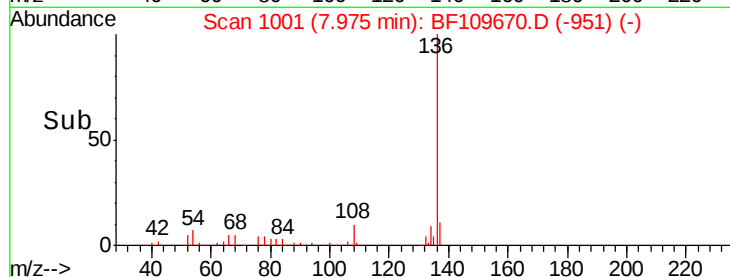


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 72.225 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

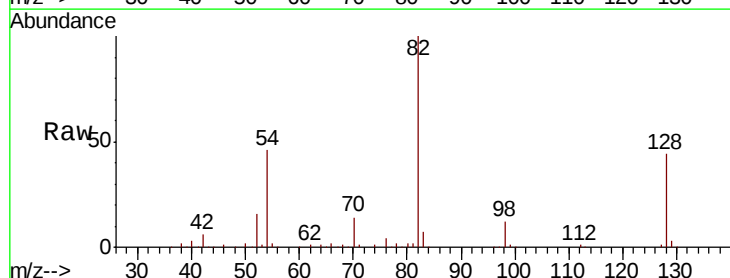
Tgt Ion: 82 Resp: 480969

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.2

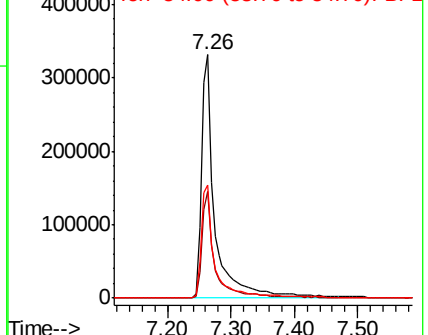
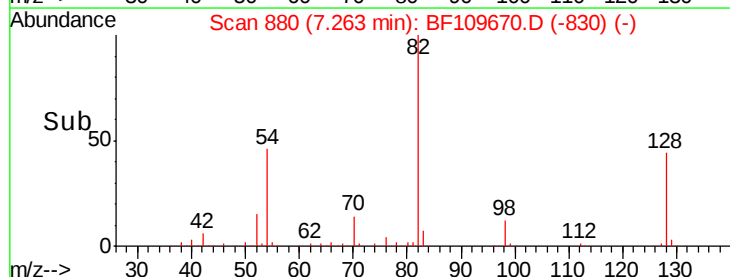
54 46.3 38.6 58.0

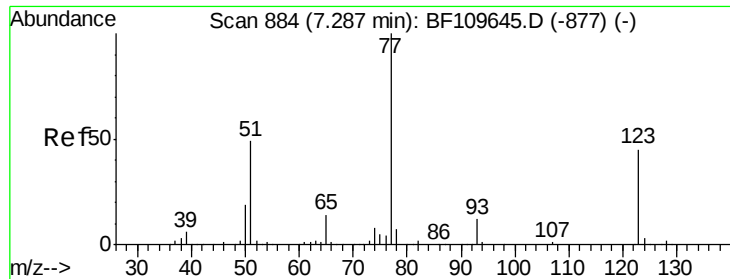


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.173 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampled :

TRACK-D-8

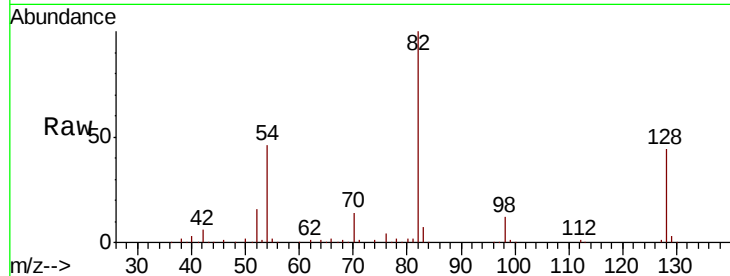
Tgt Ion: 77 Resp: 1198

Ion Ratio Lower Upper

77 100

123 0.0 35.7 53.5#

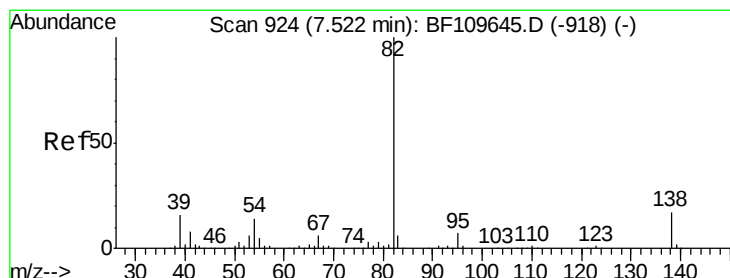
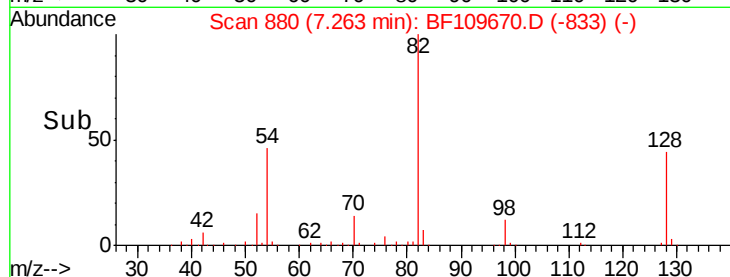
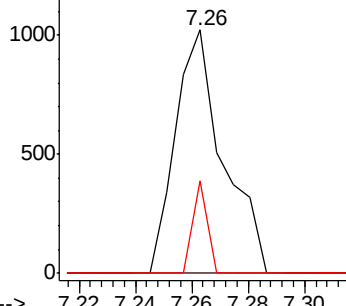
65 38.1 10.7 16.1#



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: 43.494 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

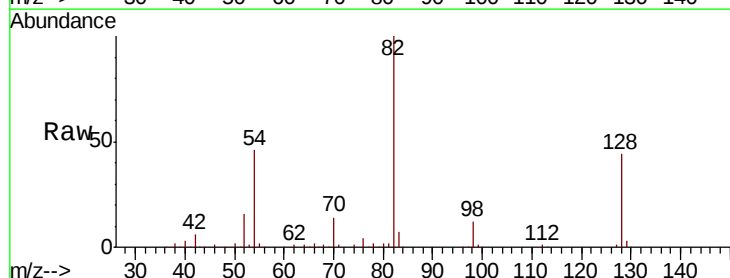
Tgt Ion: 82 Resp: 480969

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

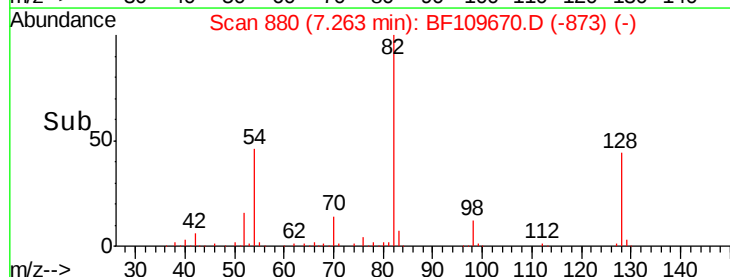
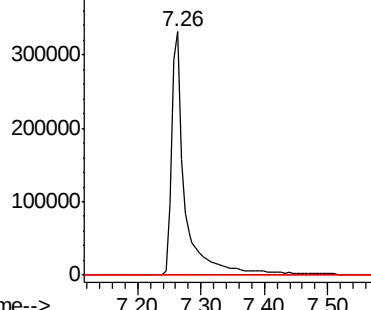
138 0.0 13.2 19.8#

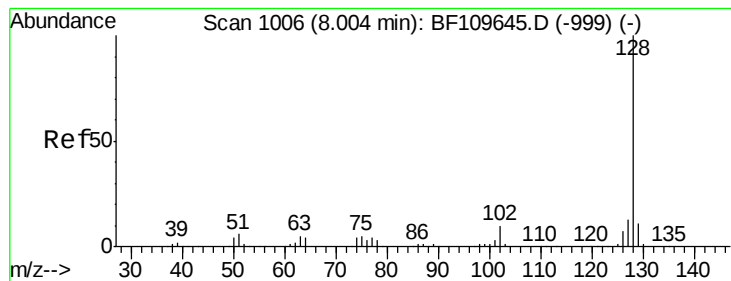


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.450 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

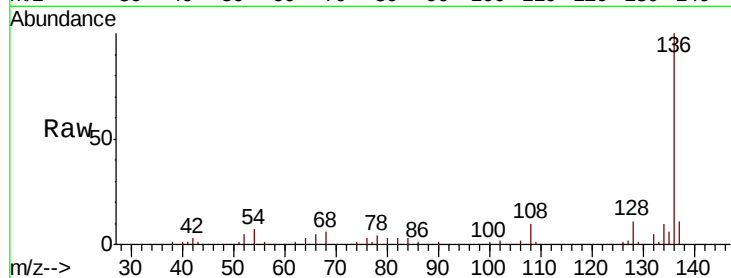
Tgt Ion:128 Resp: 7640

Ion Ratio Lower Upper

128 100

129 12.6 8.8 13.2

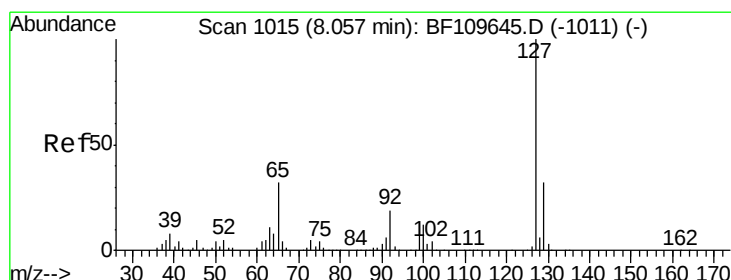
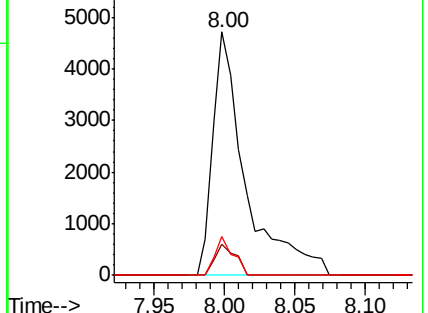
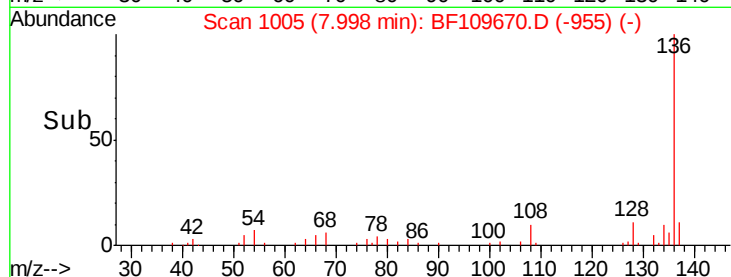
127 16.2 10.8 16.2



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



#33

4-Chloroaniline

Concen: 0.087 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.06 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Tgt Ion:127 Resp: 653

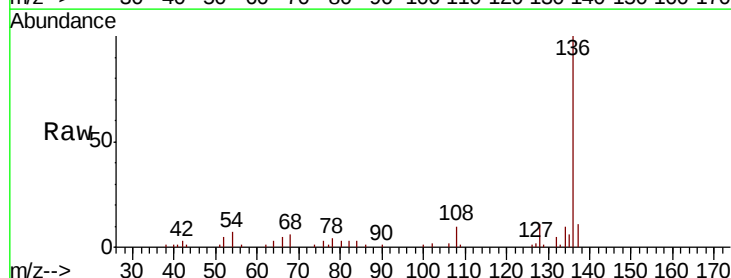
Ion Ratio Lower Upper

127 100

129 78.1 26.0 39.0#

65 0.0 25.1 37.7#

92 0.0 15.0 22.6#

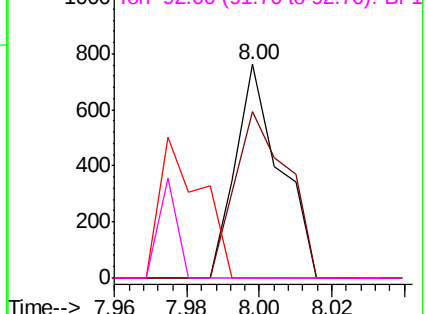
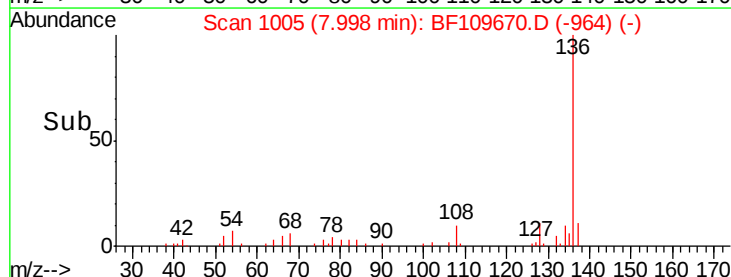


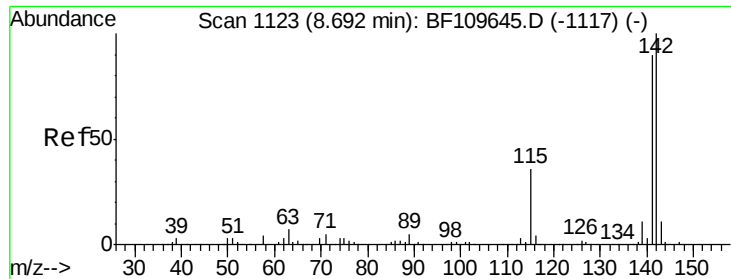
Abundance Ion 127.00 (126.70 to 127.70): E

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

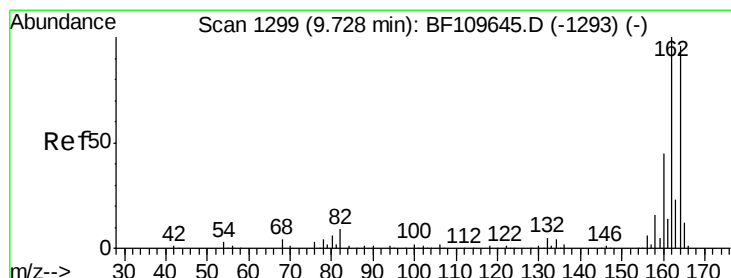
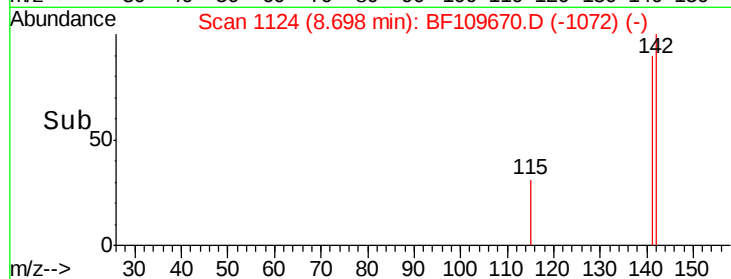
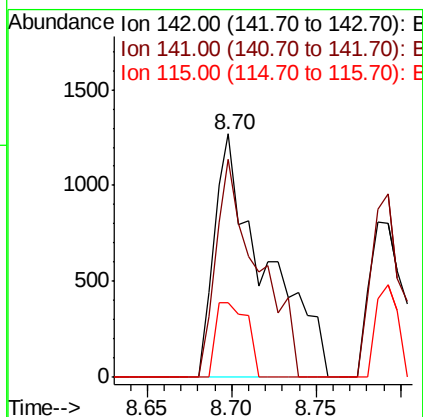
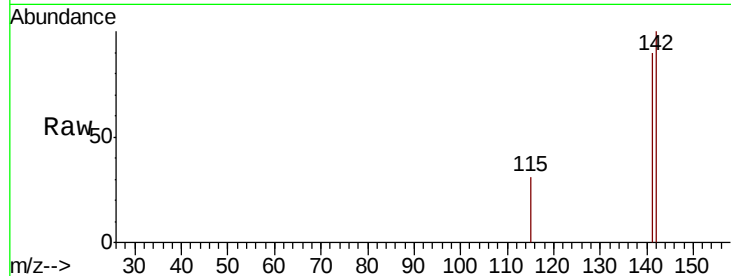




#37
 2-Methylnaphthalene
 Concen: 0.238 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

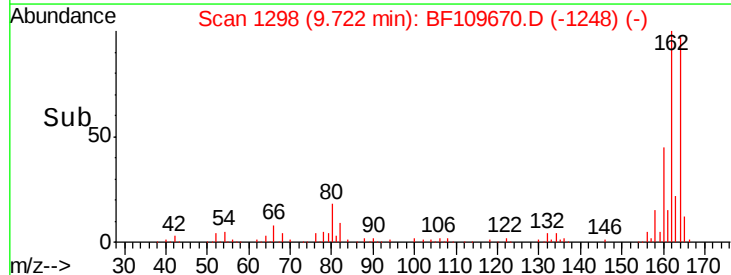
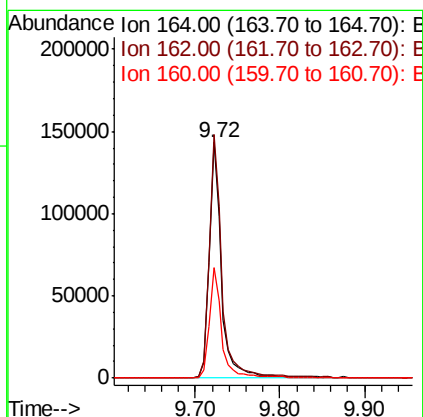
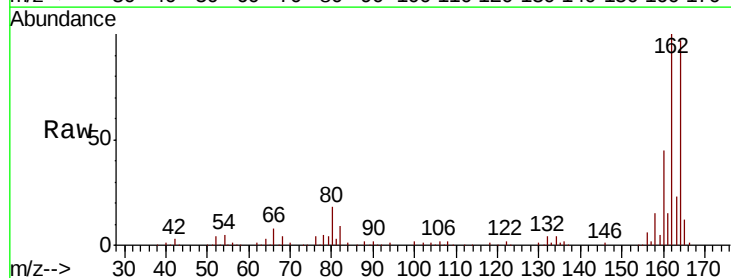
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

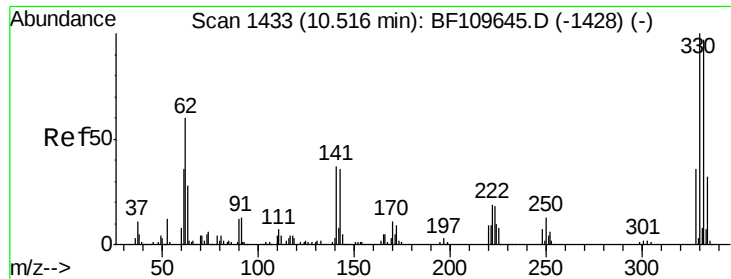
Tgt Ion:142 Resp: 2648
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.4 107.2
 115 30.6 28.7 43.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion:164 Resp: 148092
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.0 124.6
 160 46.8 37.0 55.6

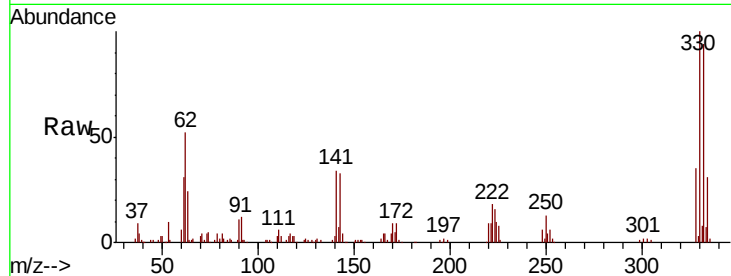




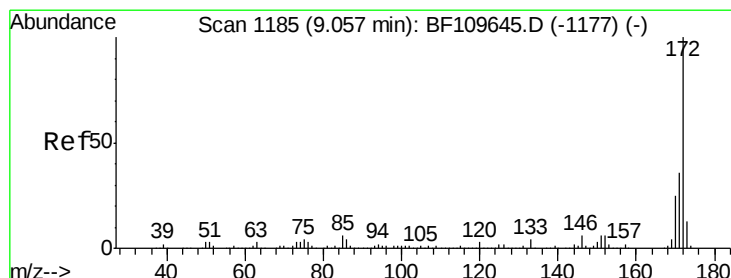
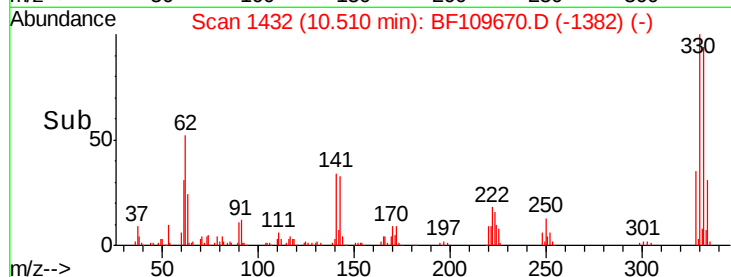
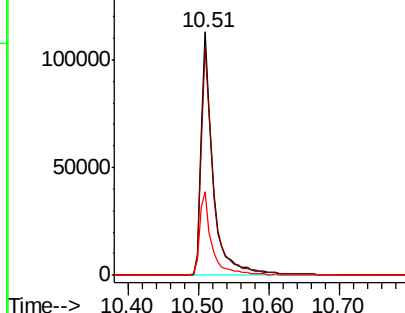
#41
 2,4,6-Tribromophenol
 Concen: 85.669 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion:330 Resp: 138238
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.1 115.7
 141 33.9 27.0 40.4

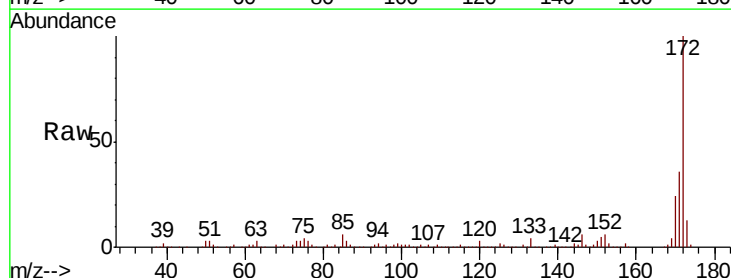


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

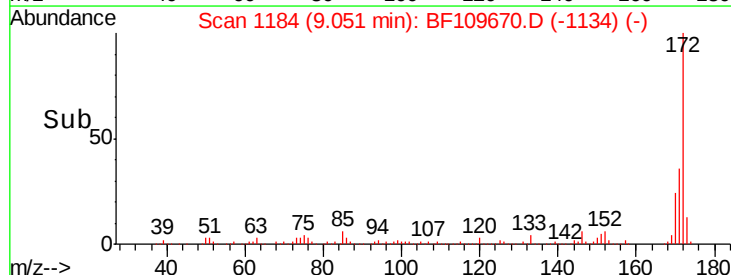
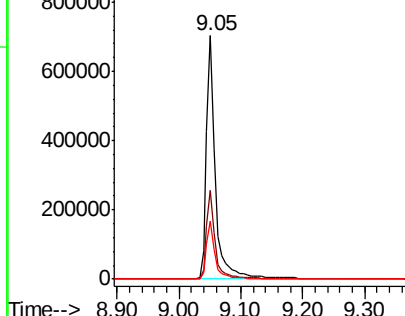


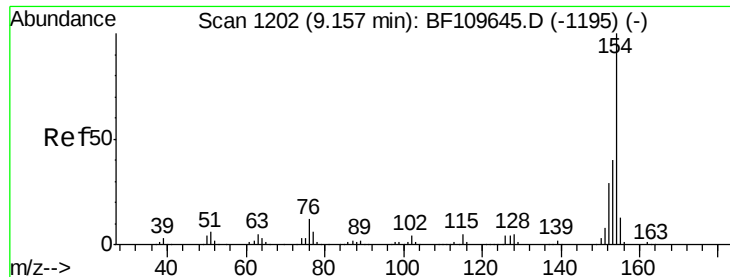
#44
 2-Fluorobiphenyl
 Concen: 67.791 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion:172 Resp: 728936
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.8 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

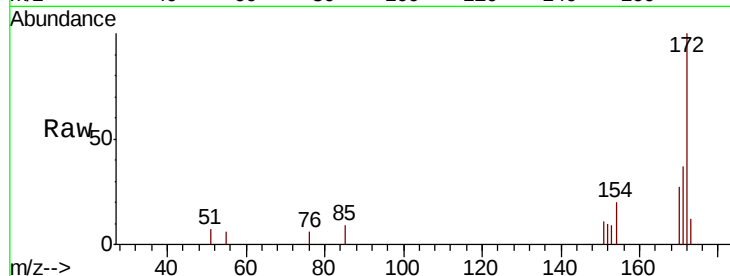




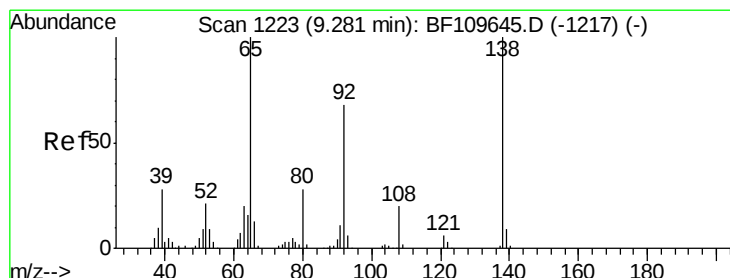
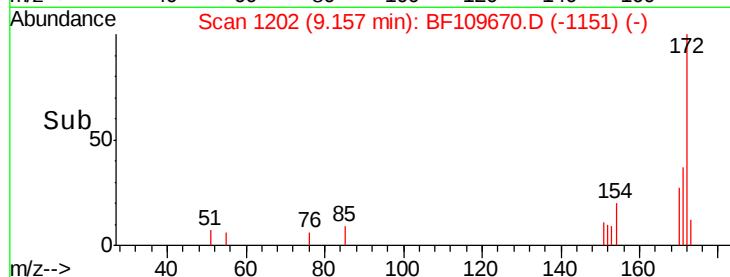
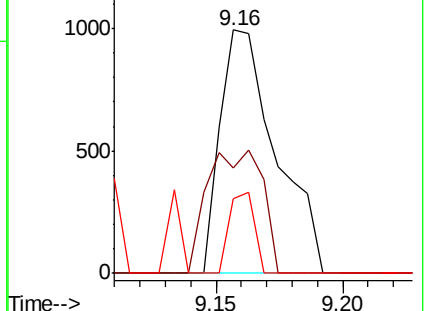
#45
 1,1'-Biphenyl
 Concen: 0.116 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion: 154 Resp: 1529
 Ion Ratio Lower Upper
 154 100
 153 43.2 20.4 60.4
 76 30.6 0.0 31.9

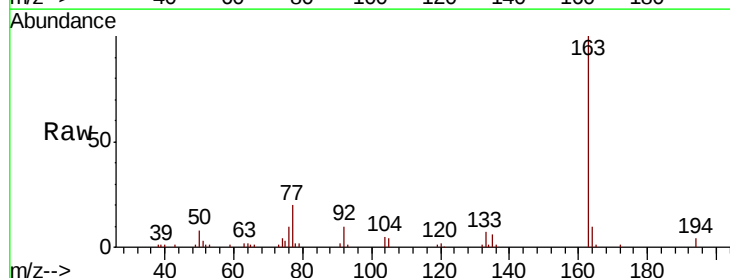


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

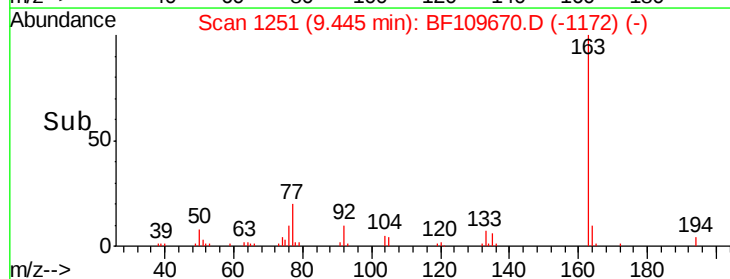
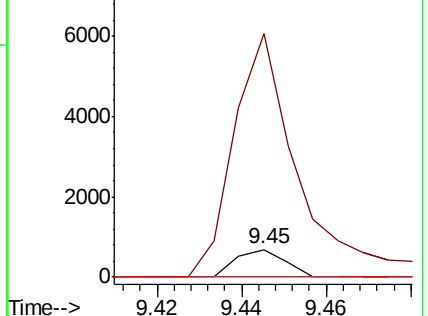


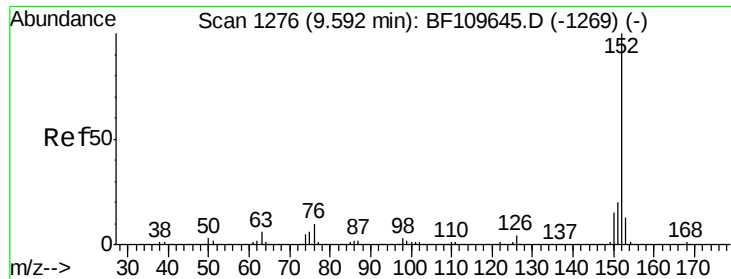
#47
 2-Nitroaniline
 Concen: 0.185 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.16 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion: 65 Resp: 556
 Ion Ratio Lower Upper
 65 100
 92 878.1 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: 0.138 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

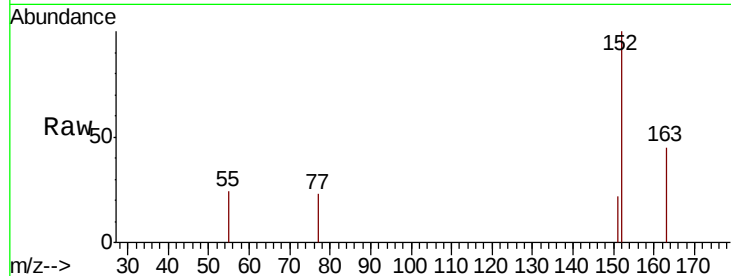
Tgt Ion:152 Resp: 1989

Ion Ratio Lower Upper

152 100

151 22.3 15.8 23.8

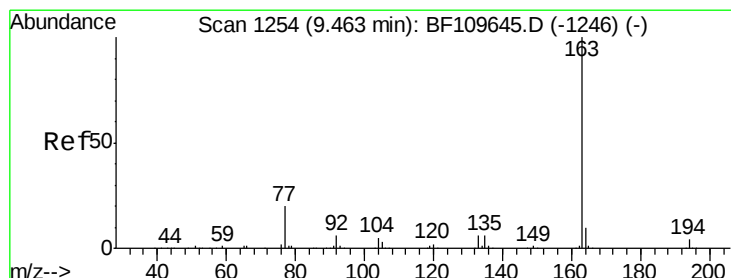
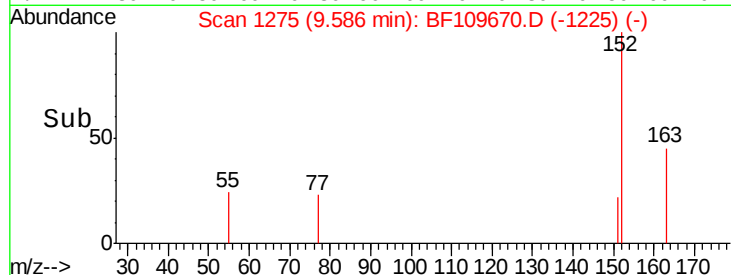
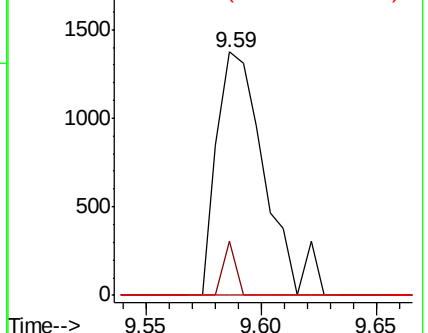
153 0.0 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 7.223 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

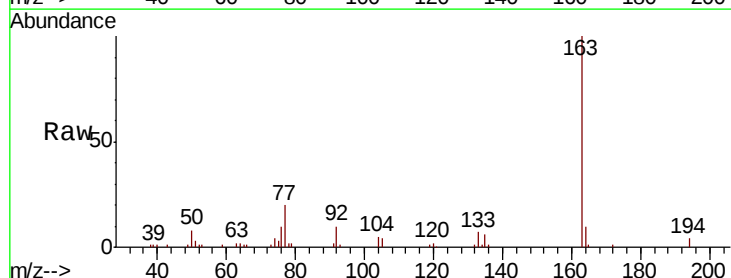
Tgt Ion:163 Resp: 78448

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

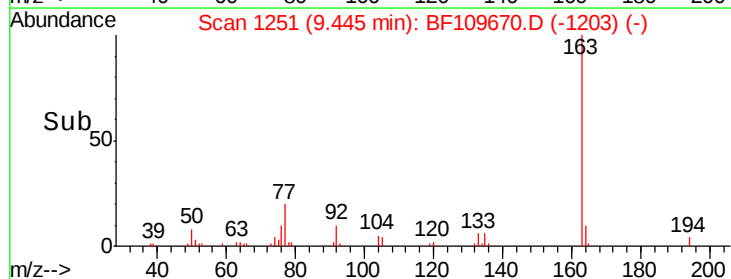
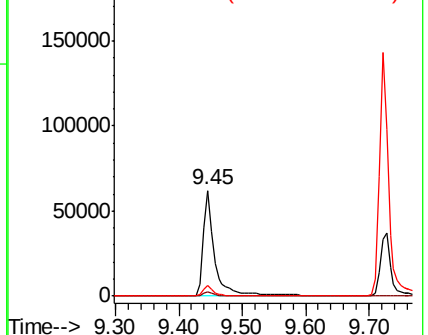
164 10.1 8.1 12.1

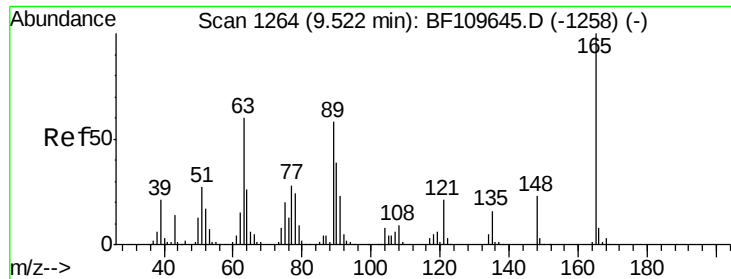


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

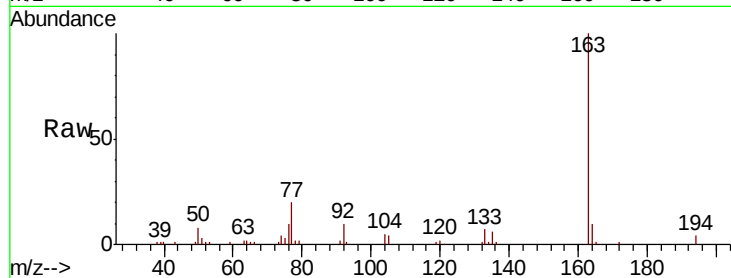




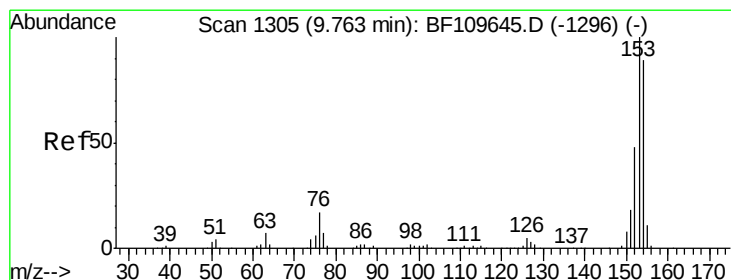
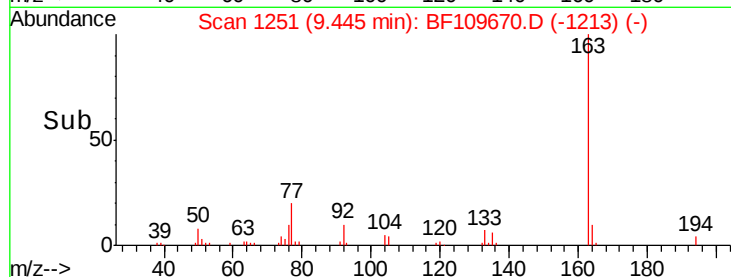
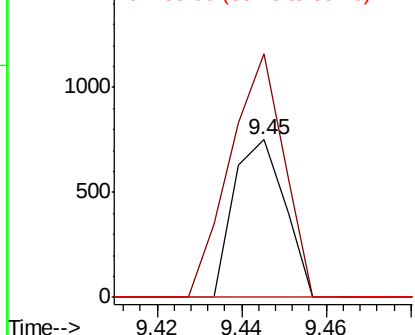
#50
 2,6-Dinitrotoluene
 Concen: 0.268 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.08 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion:165 Resp: 631
 Ion Ratio Lower Upper
 165 100
 63 154.7 48.9 73.3#
 89 0.0 46.6 69.8#

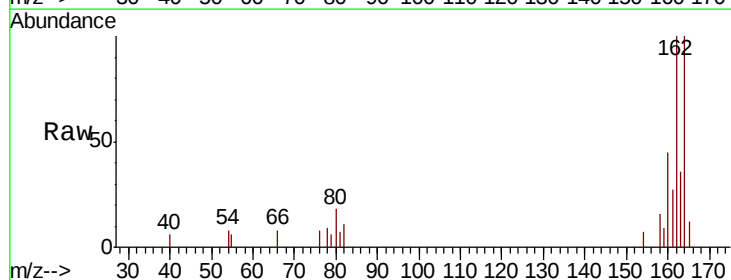


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

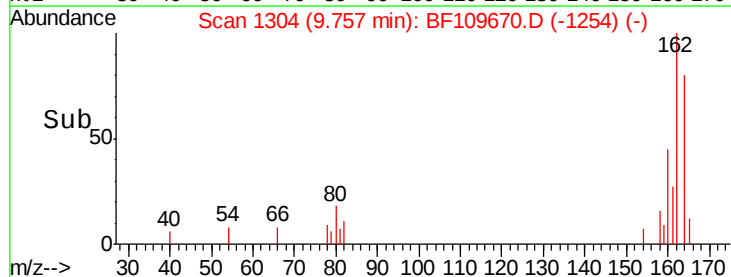
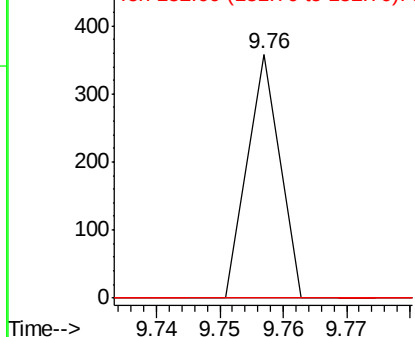


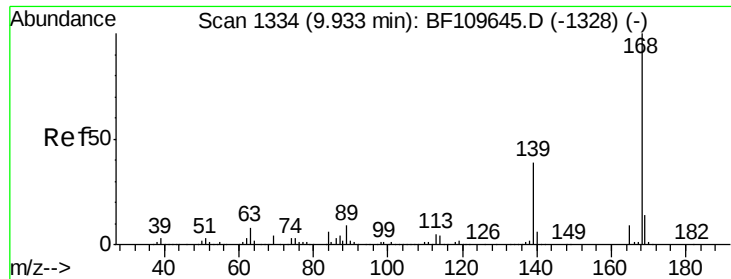
#51
 Acenaphthene
 Concen: 0.015 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion:154 Resp: 126
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.1 135.1#
 152 0.0 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





#54

Dibenzofuran

Concen: 0.105 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

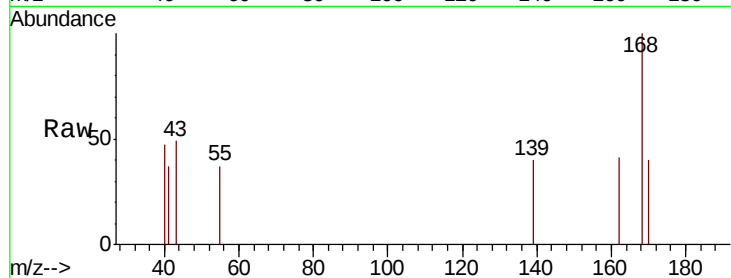
Tgt Ion:168 Resp: 1345

Ion Ratio Lower Upper

168 100

139 40.0 33.0 49.6

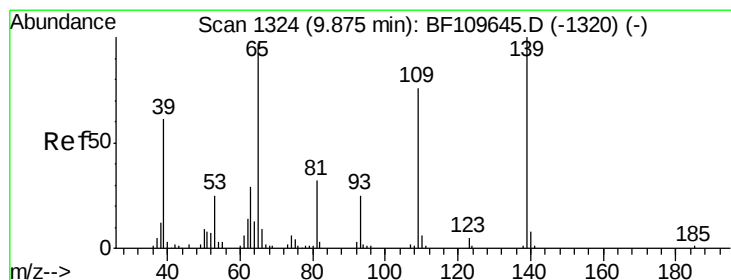
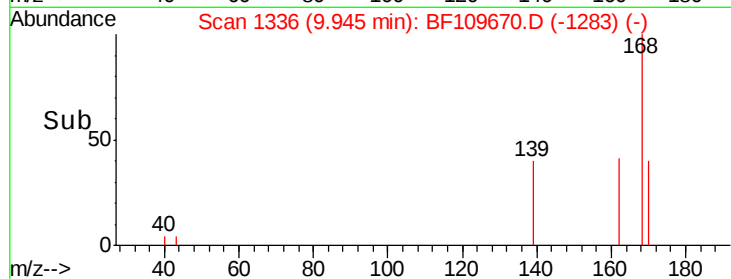
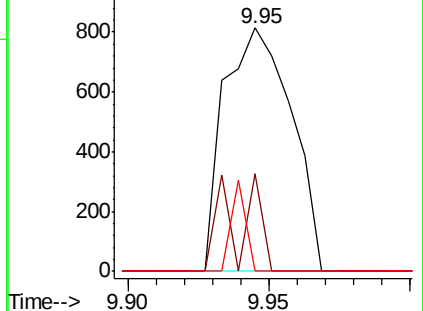
169 0.0 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.159 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.07 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

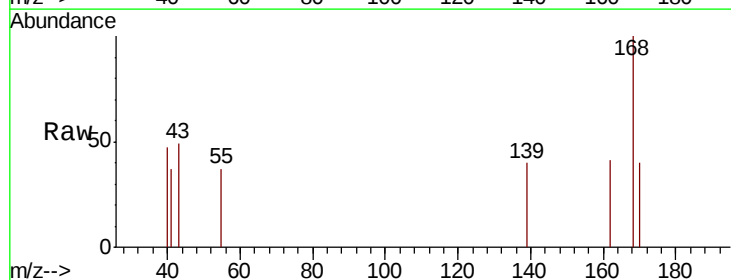
Tgt Ion:139 Resp: 229

Ion Ratio Lower Upper

139 100

109 0.0 55.8 95.8#

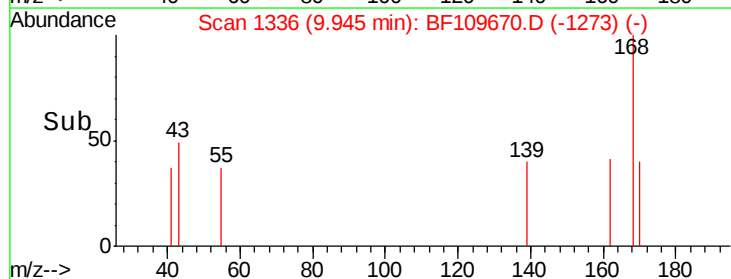
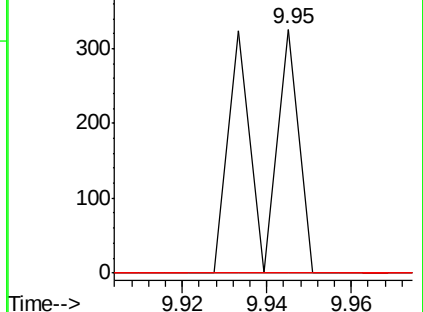
65 0.0 77.9 117.9#

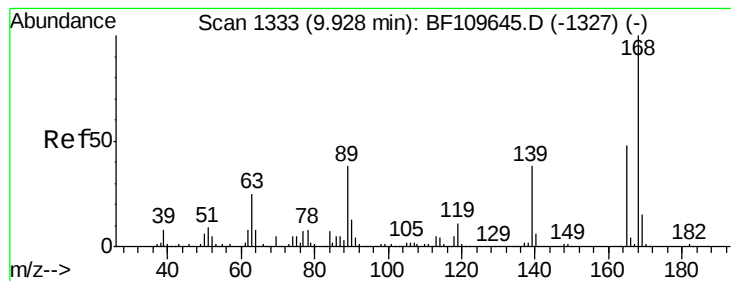


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

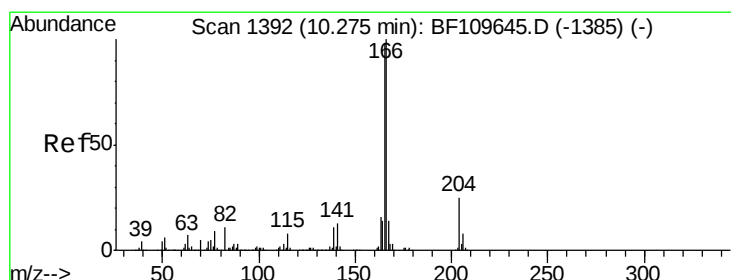
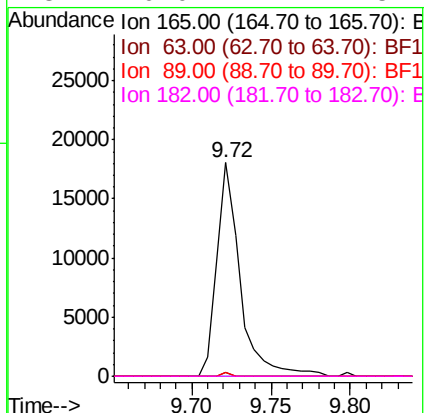
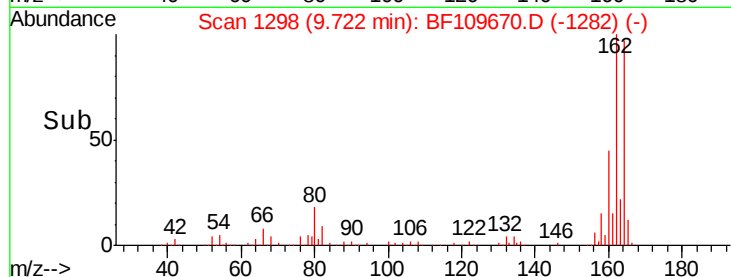
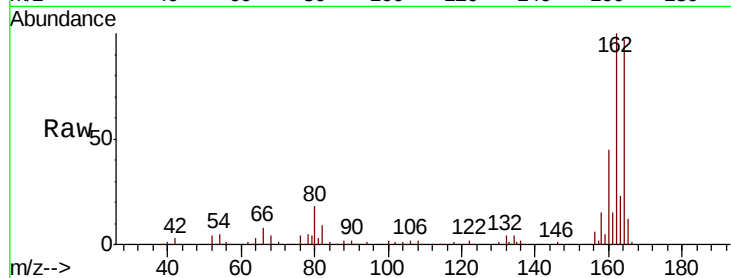




#56
2,4-Dinitrotoluene
Concen: 6.284 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

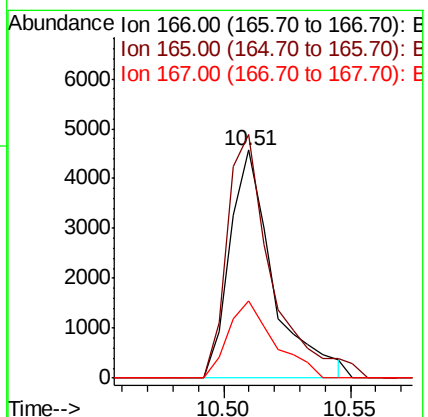
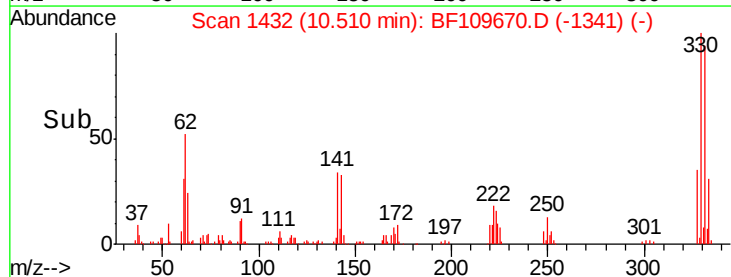
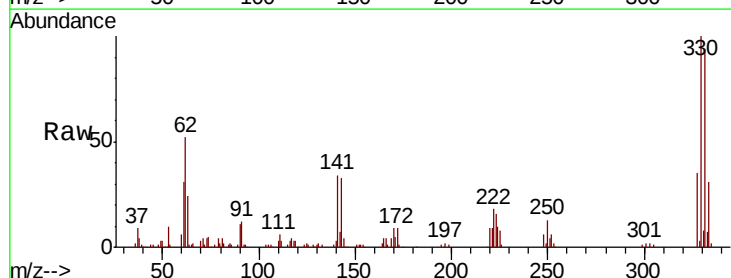
Instrument :
BNA_F
ClientSampleId :
TRACK-D-8

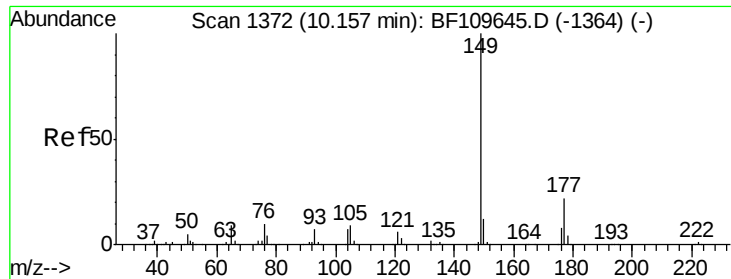
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



#57
Fluorene
Concen: 0.565 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.24 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.9	78.6	117.8
167	34.1	10.8	16.2#

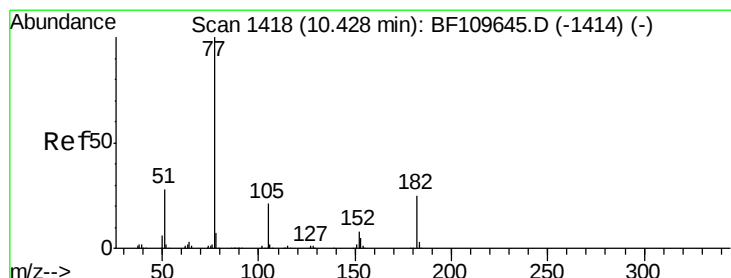
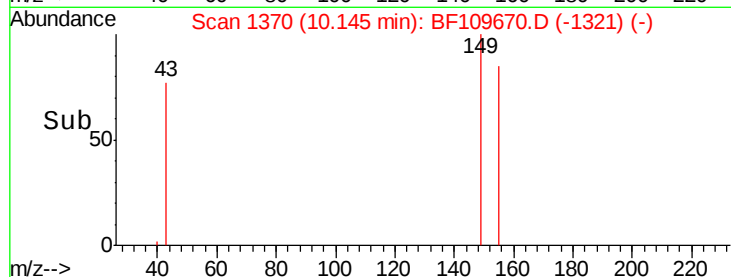
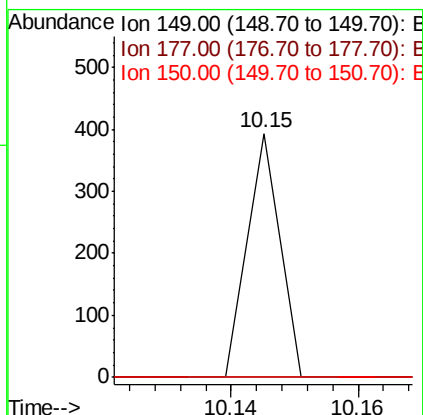
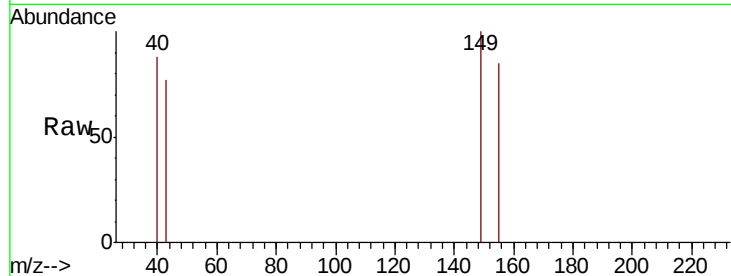




#59
Diethylphthalate
Concen: 0.013 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

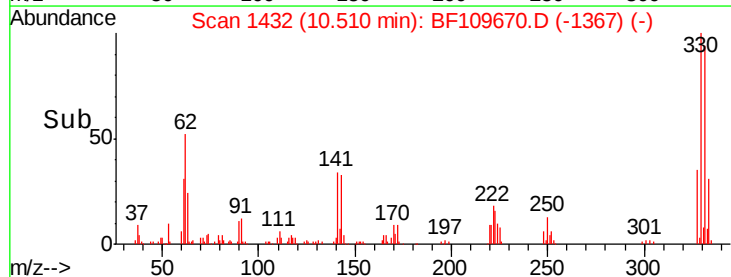
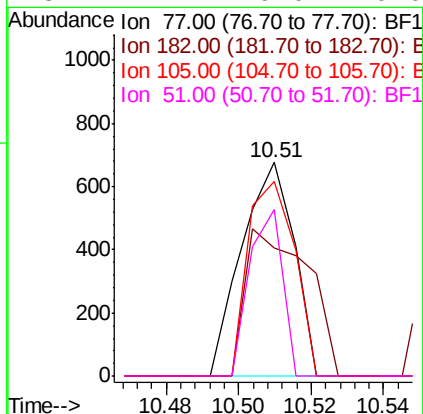
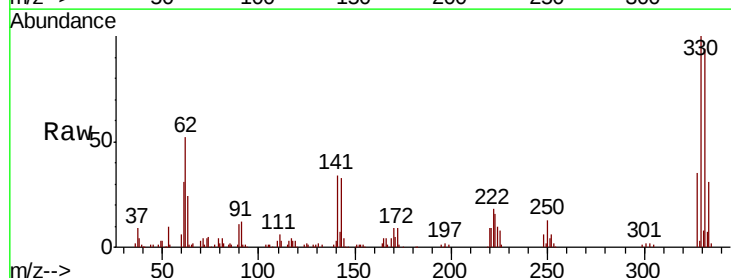
Instrument :
BNA_F
ClientSampleId :
TRACK-D-8

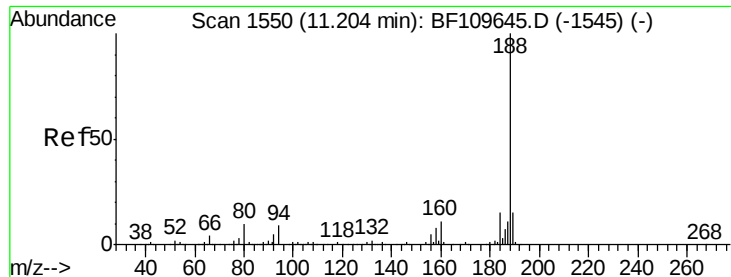
Tgt Ion: 149 Resp: 139
Ion Ratio Lower Upper
149 100
177 0.0 17.4 26.2#
150 0.0 9.8 14.8#



#62
Azobenzene
Concen: 0.062 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.08 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion: 77 Resp: 675
Ion Ratio Lower Upper
77 100
182 60.0 4.3 44.3#
105 90.8 1.3 41.3#
51 77.7 9.0 49.0#

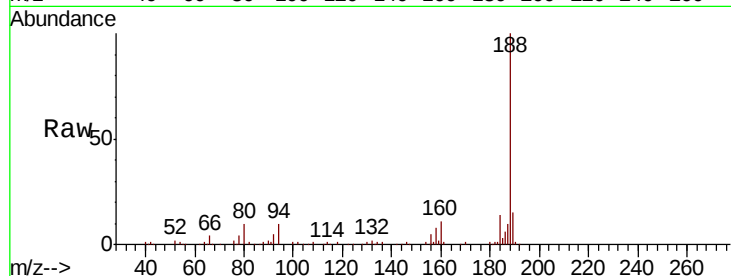




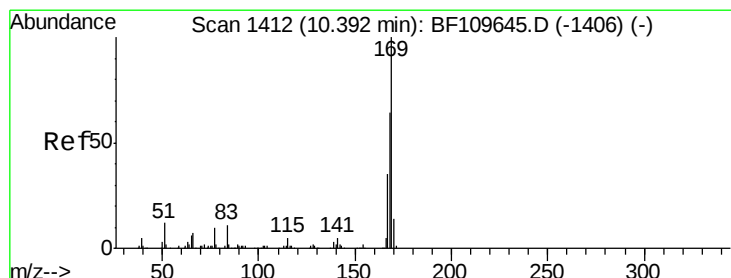
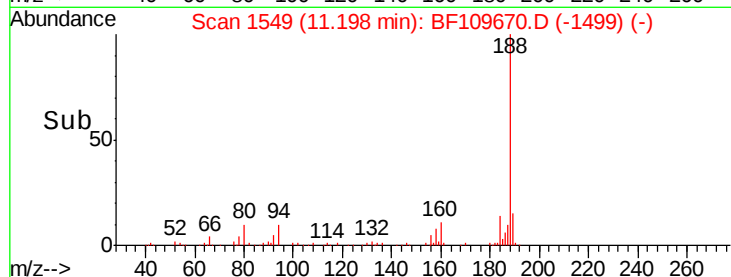
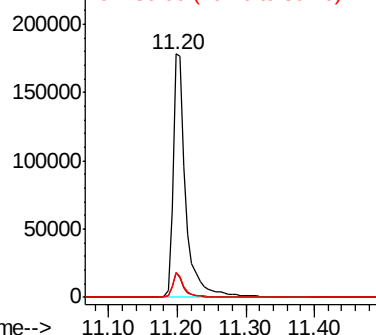
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-8

Tgt Ion:188 Resp: 235251
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.1 7.9 11.9

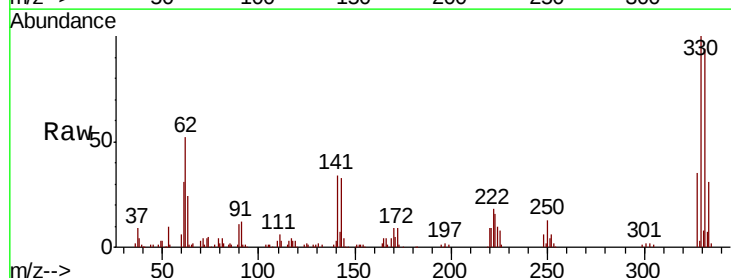


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

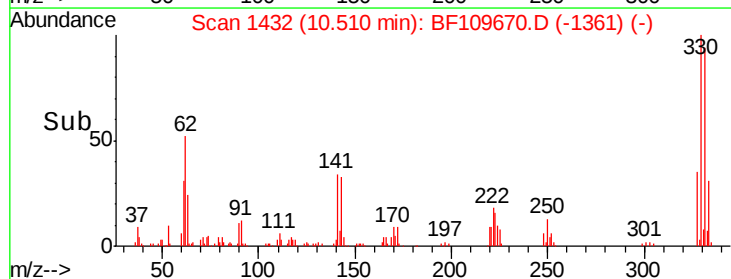
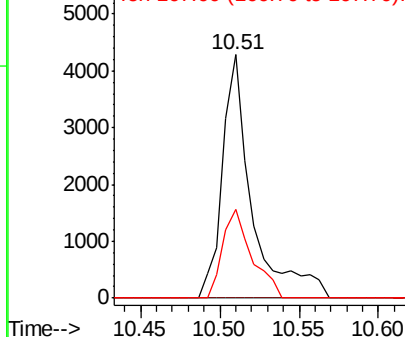


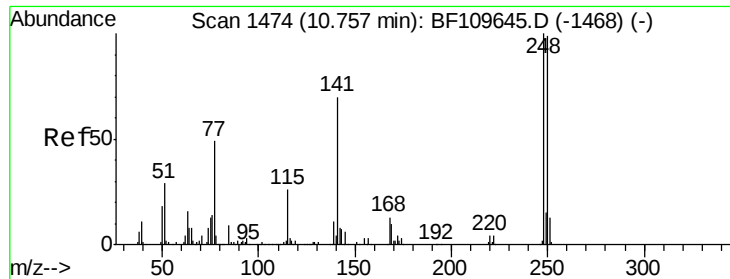
#65
n-Nitrosodiphenylamine
Concen: 0.694 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.12 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion:169 Resp: 5532
Ion Ratio Lower Upper
169 100
168 0.0 51.2 76.8#
167 36.3 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

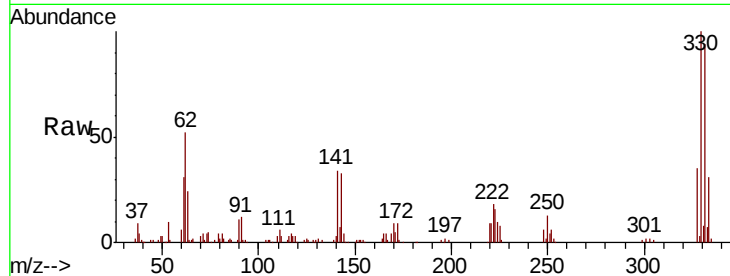




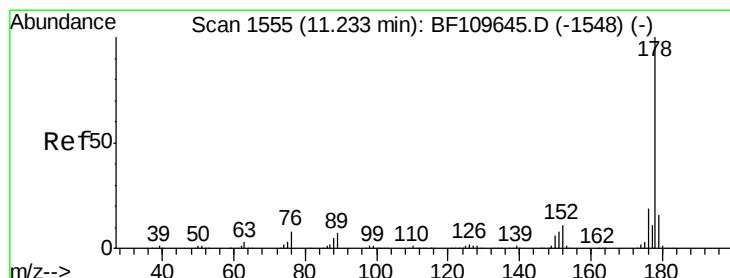
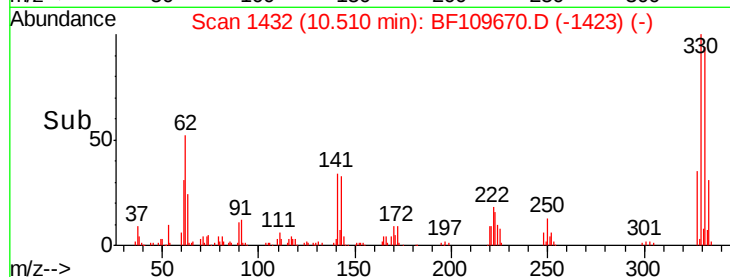
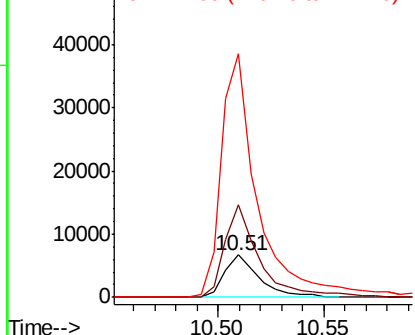
#66
 4-Bromophenyl-phenylether
 Concen: 2.798 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion: 248 Resp: 7562
 Ion Ratio Lower Upper
 248 100
 250 218.6 79.4 119.2#
 141 577.2 55.9 83.9#

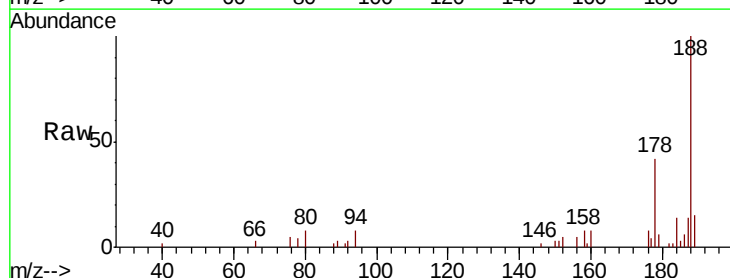


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

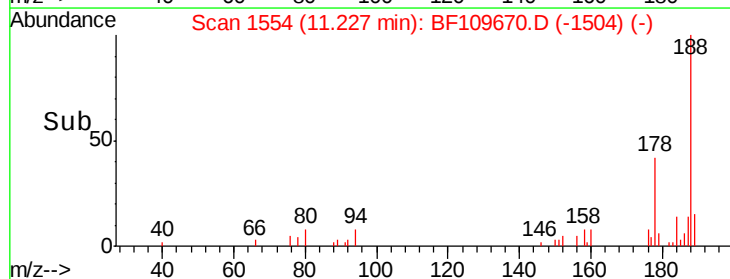
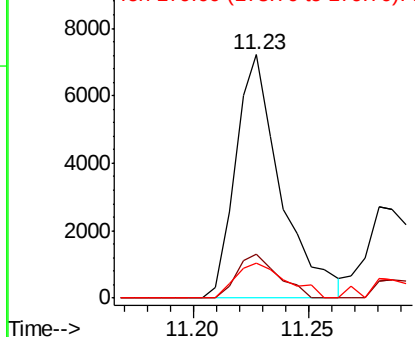


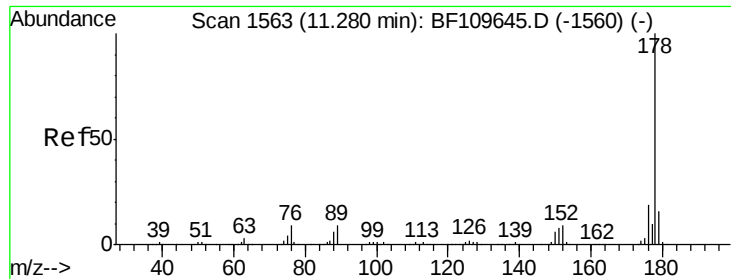
#70
 Phenanthrene
 Concen: 0.833 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion: 178 Resp: 9812
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.5 23.3
 179 14.4 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

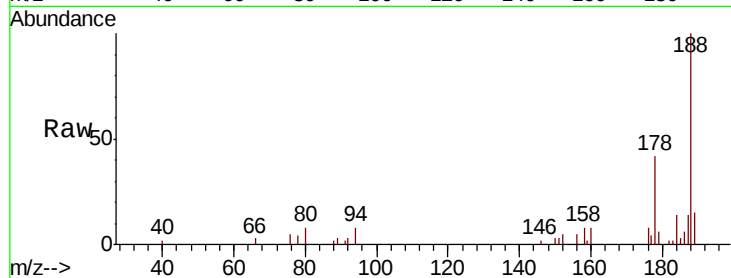




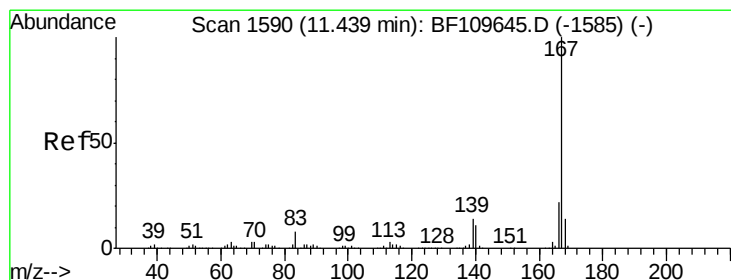
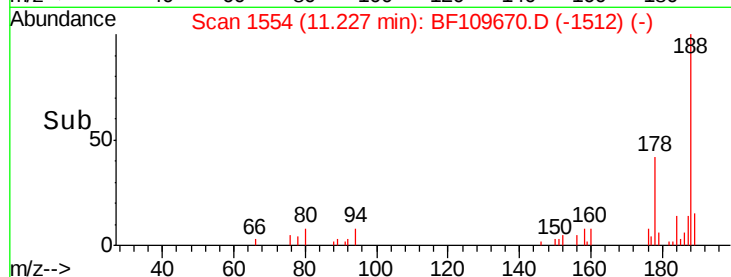
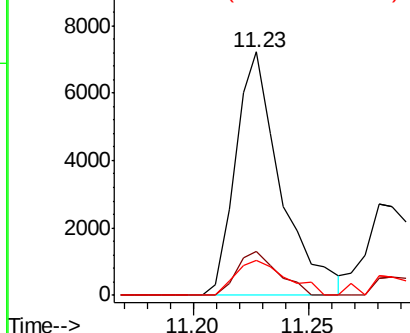
#71
 Anthracene
 Concen: 0.806 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.05 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion:178 Resp: 9812
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 14.4 12.6 18.8

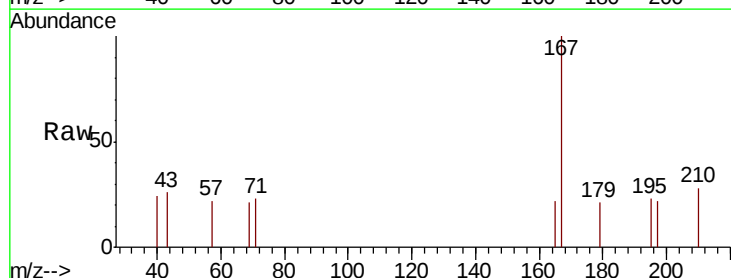


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

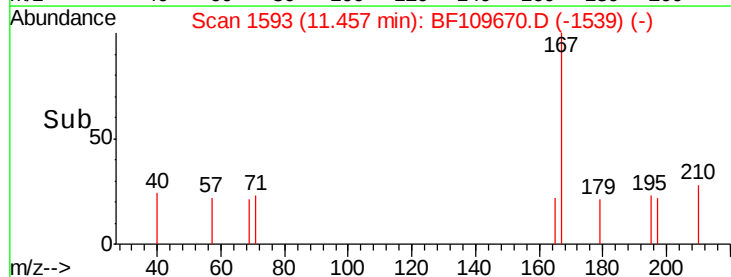
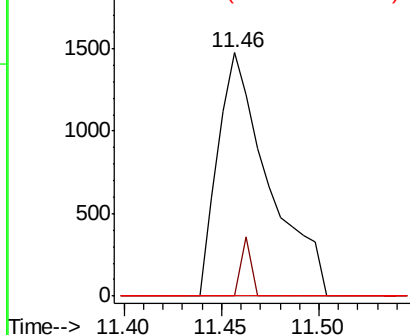


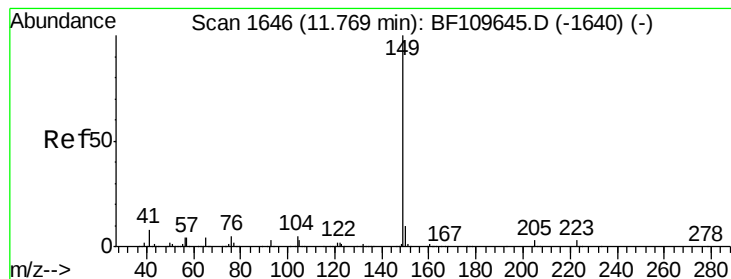
#72
 Carbazole
 Concen: 0.226 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.02 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion:167 Resp: 2671
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.0#
 139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.116 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

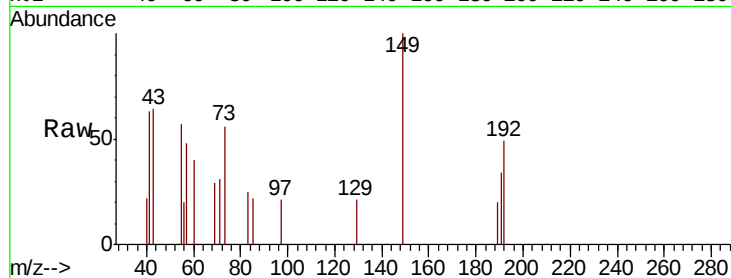
Tgt Ion:149 Resp: 1583

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

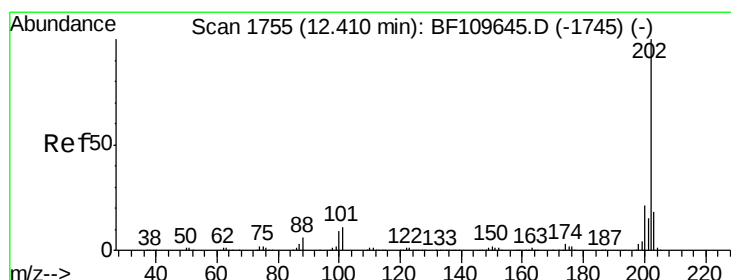
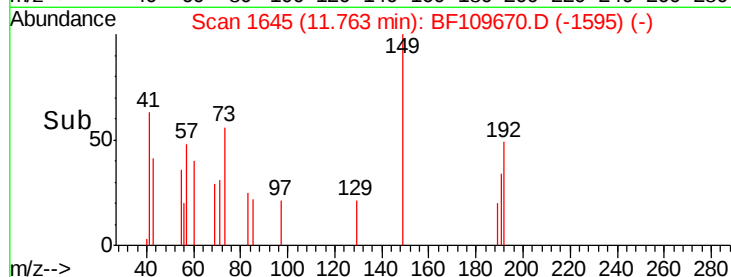
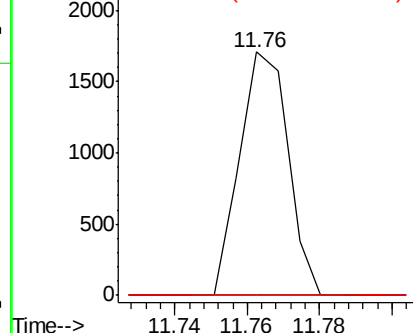
104 0.0 4.2 6.4#



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: 1.953 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

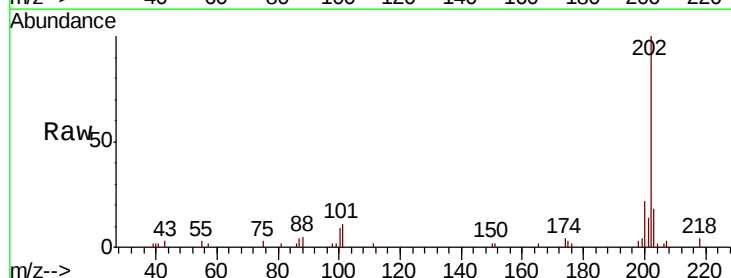
Tgt Ion:202 Resp: 24023

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

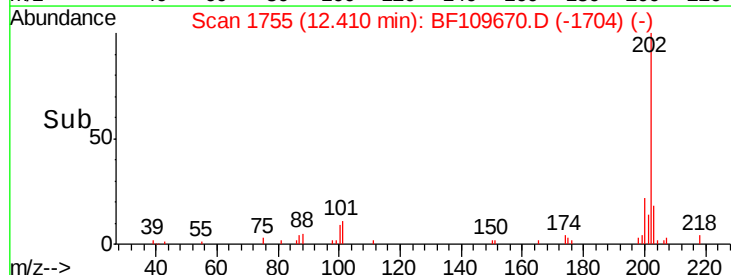
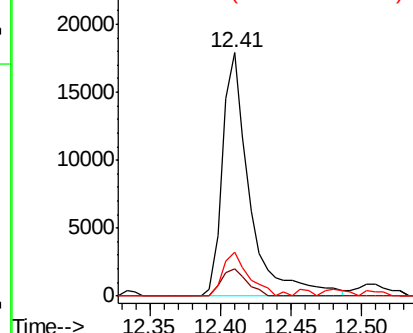
203 18.3 0.0 37.7

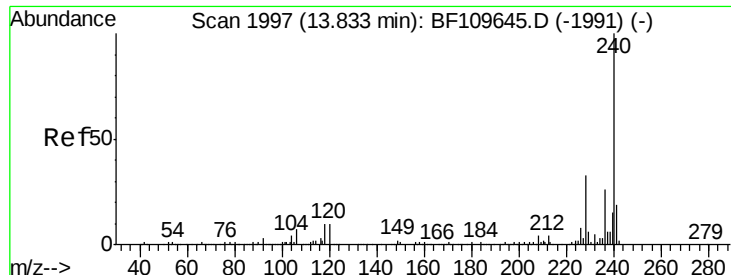


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

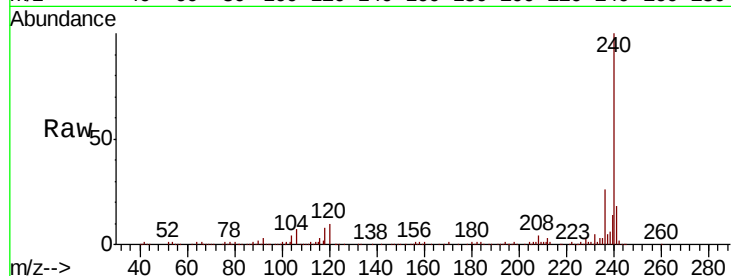
Tgt Ion:240 Resp: 203855

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

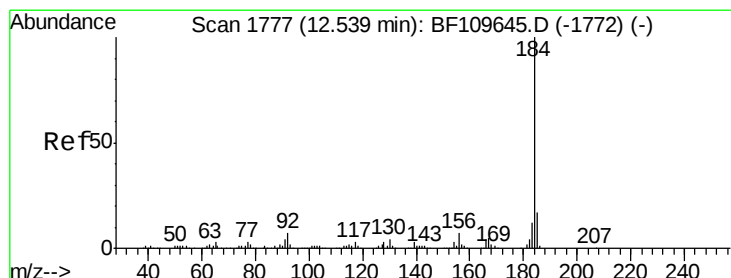
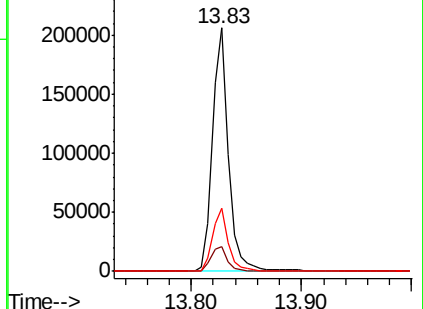
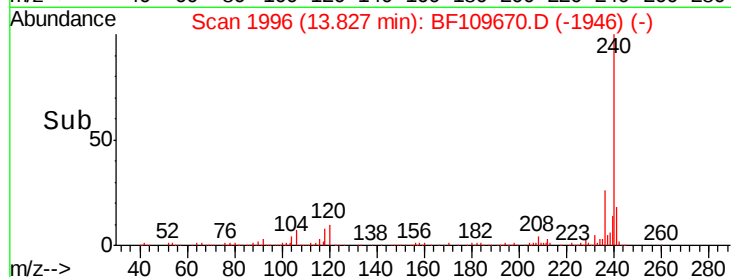
236 26.1 21.2 31.8



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: 0.922 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

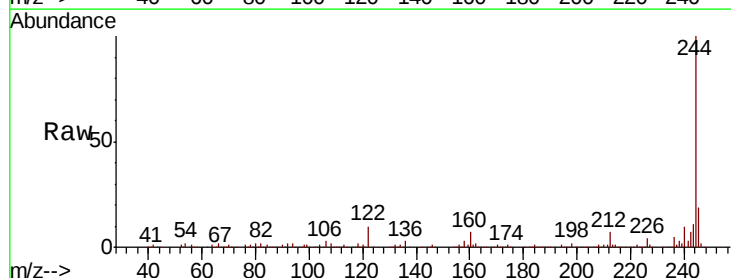
Tgt Ion:184 Resp: 6982

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.2

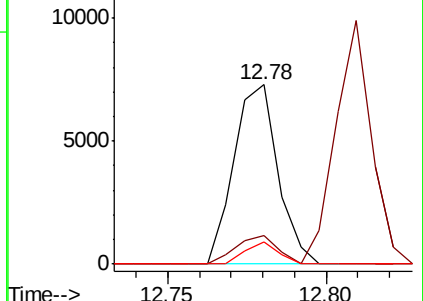
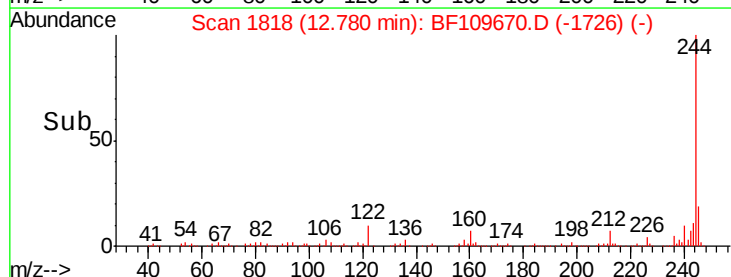
183 12.5 9.4 14.2

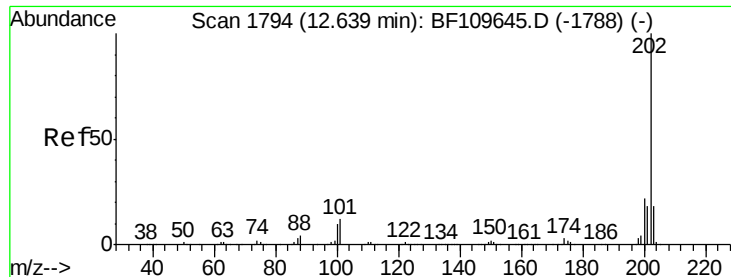


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

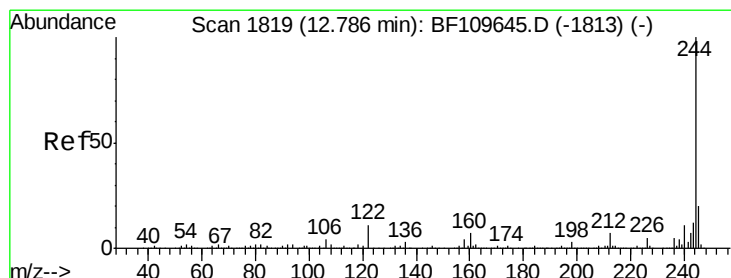
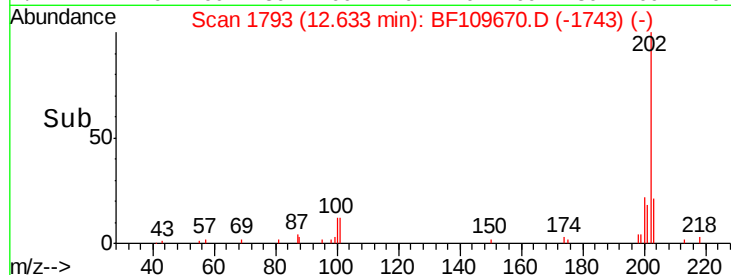
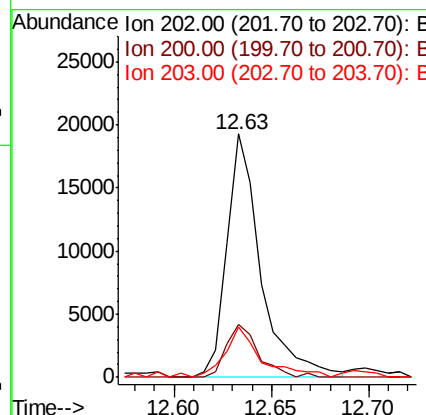
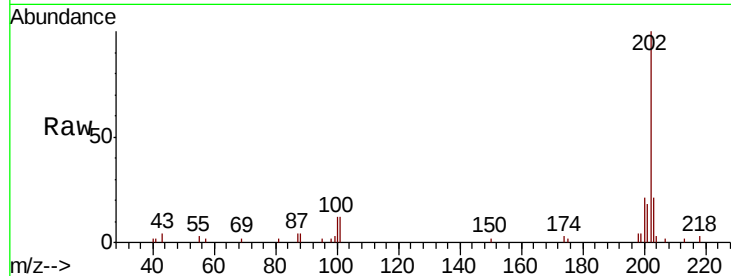




#77
 Pyrene
 Concen: 1.566 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

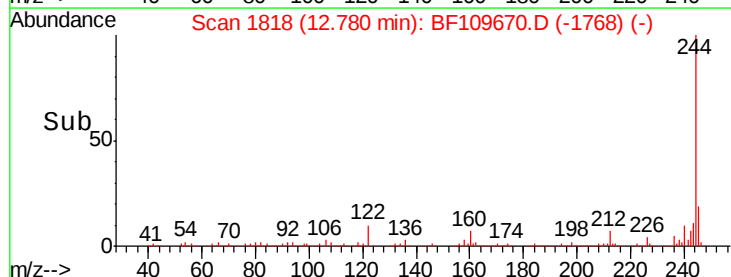
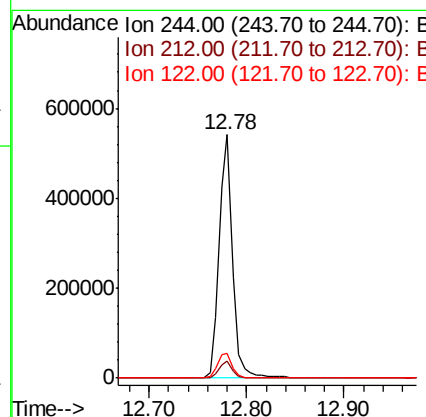
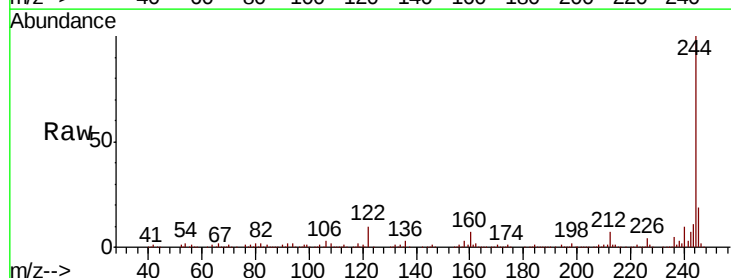
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

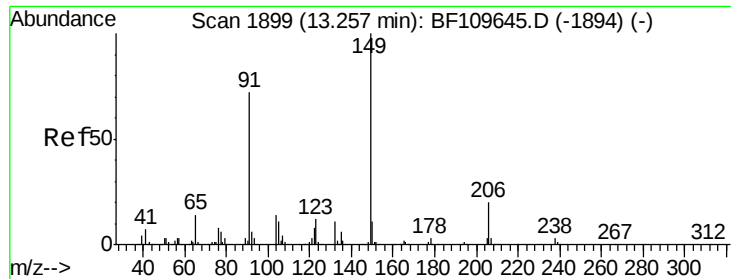
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	20.7	14.2	21.4



#78
 Terphenyl-d14
 Concen: 48.844 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.0	8.7	13.1

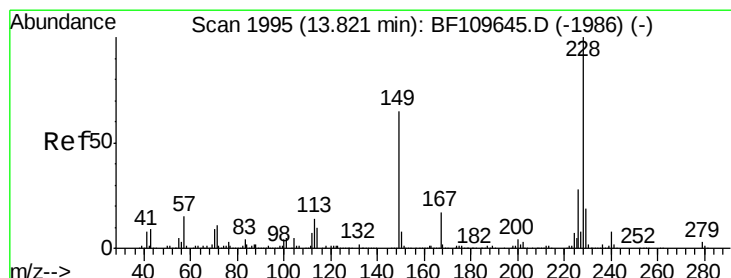
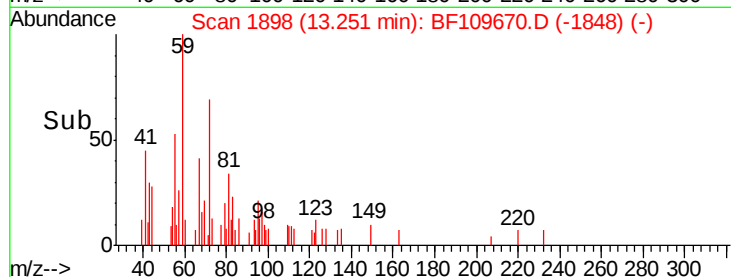
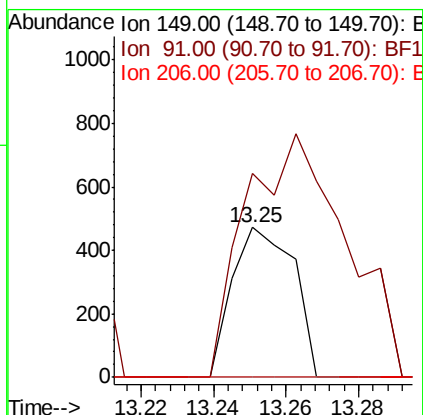
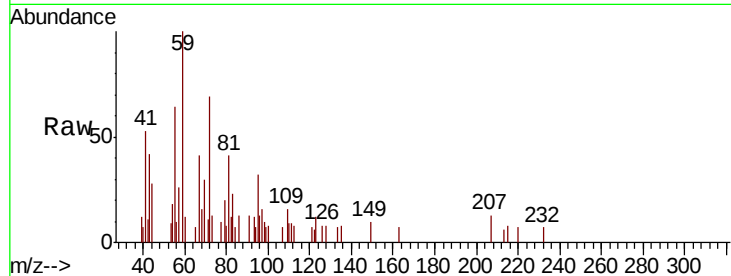




#79
Butylbenzylphthalate
Concen: 0.086 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

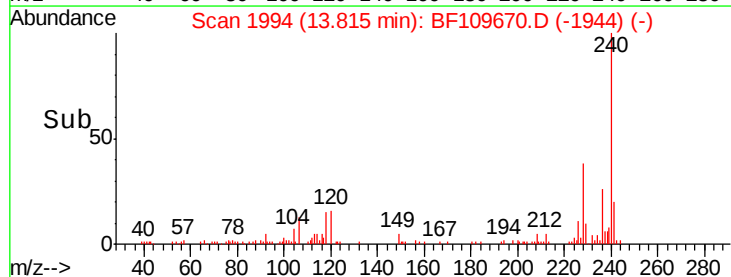
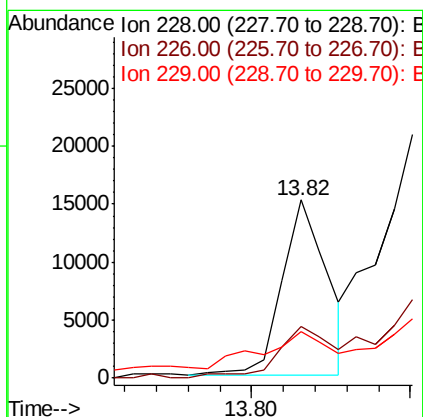
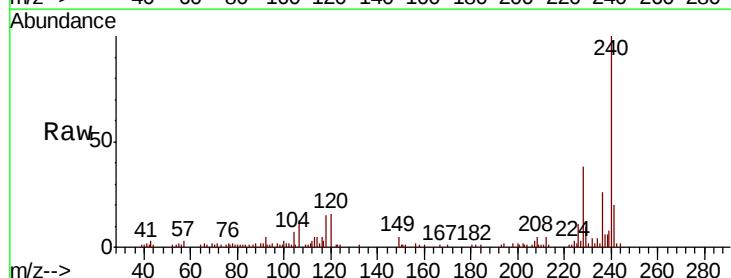
Instrument :
BNA_F
ClientSampleId :
TRACK-D-8

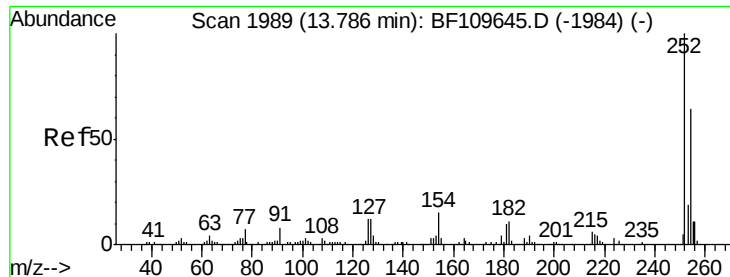
Tgt Ion:149 Resp: 555
Ion Ratio Lower Upper
149 100
91 136.2 57.2 85.8#
206 0.0 15.7 23.5#



#80
Benzo(a)anthracene
Concen: 1.322 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion:228 Resp: 14868
Ion Ratio Lower Upper
228 100
226 29.3 22.1 33.1
229 26.2 15.6 23.4#

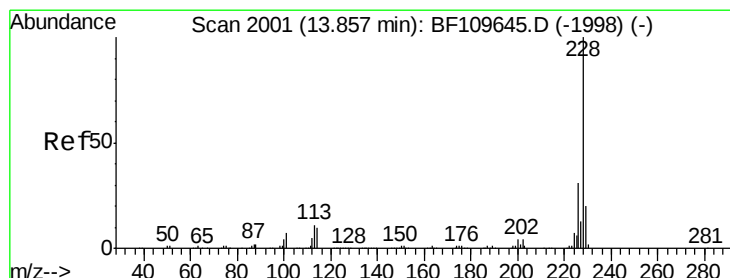
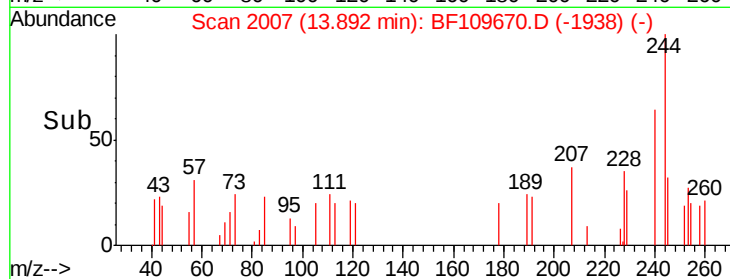
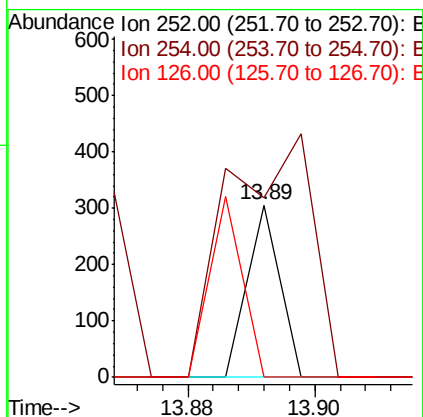
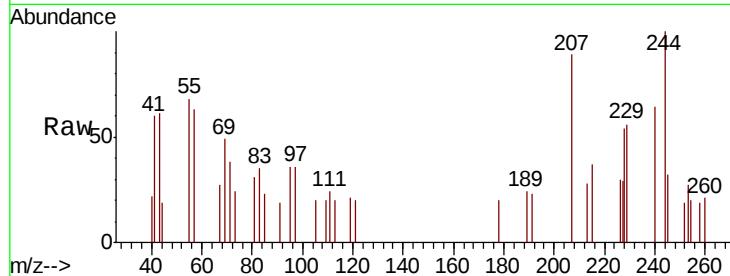




#81
 3,3'-Dichlorobenzidine
 Concen: 0.024 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.11 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

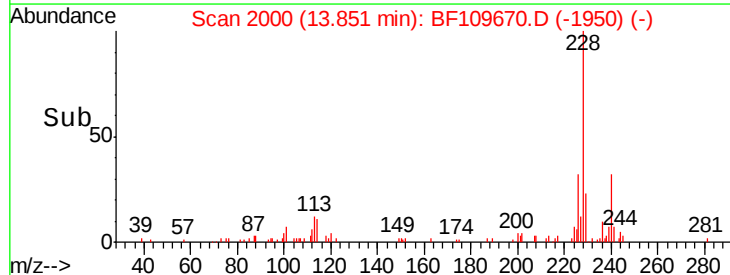
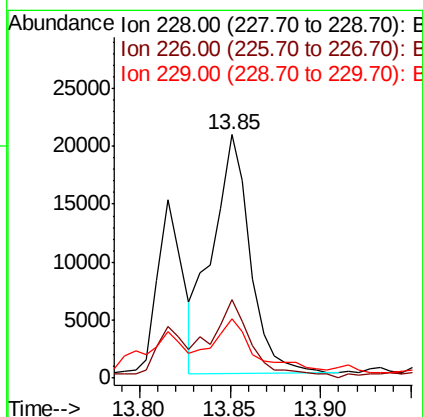
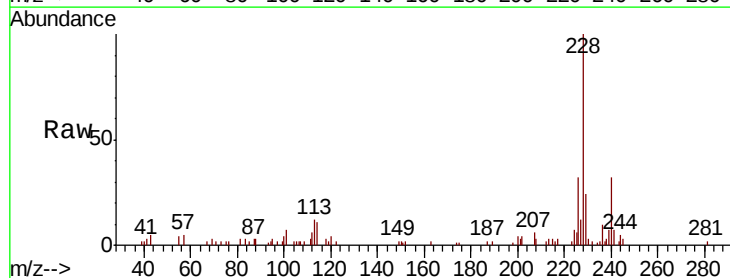
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

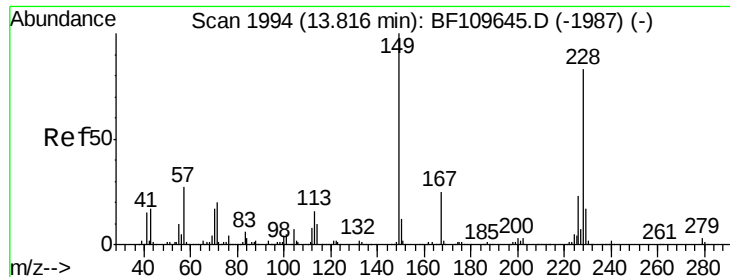
Tgt Ion: 252 Resp: 108
 Ion Ratio Lower Upper
 252 100
 254 104.2 51.3 76.9#
 126 0.0 9.4 14.2#



#82
 Chrysene
 Concen: 2.534 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion: 228 Resp: 29944
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.7 37.1
 229 24.3 15.9 23.9#

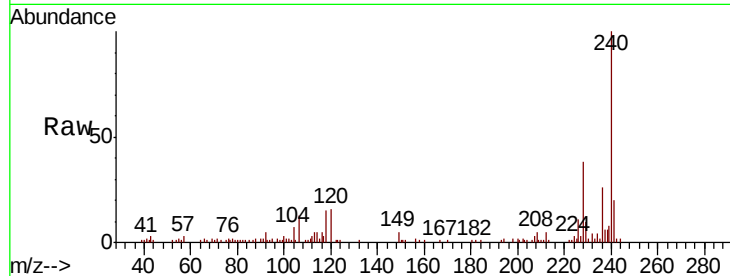




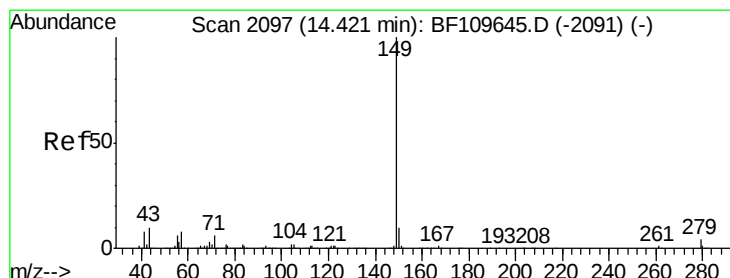
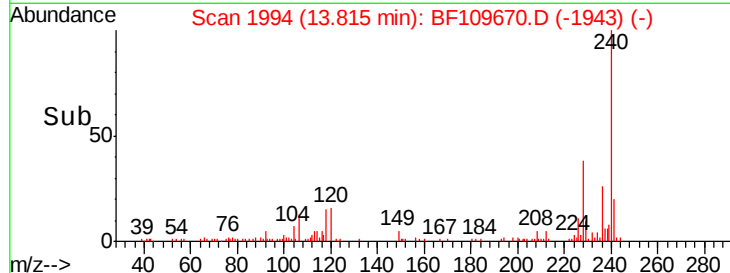
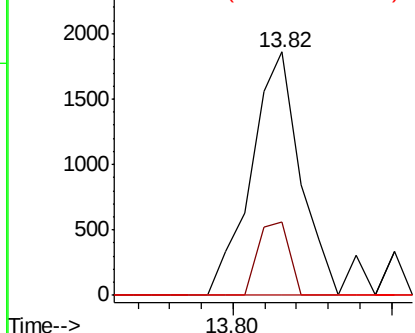
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.253 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion:	149	Resp:	1997
Ion	Ratio	Lower	Upper
149	100		
167	29.9	19.8	29.8#
279	0.0	2.7	4.1#

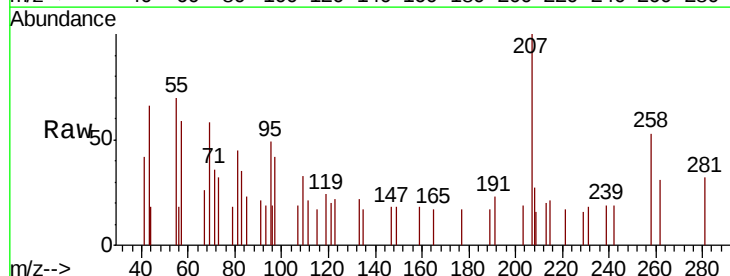


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

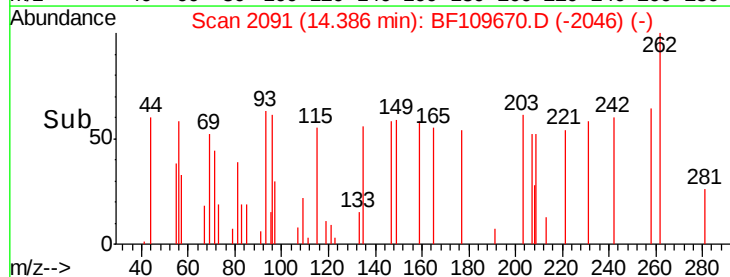
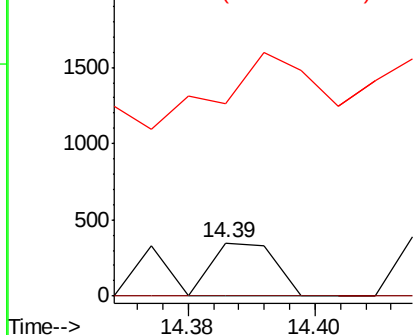


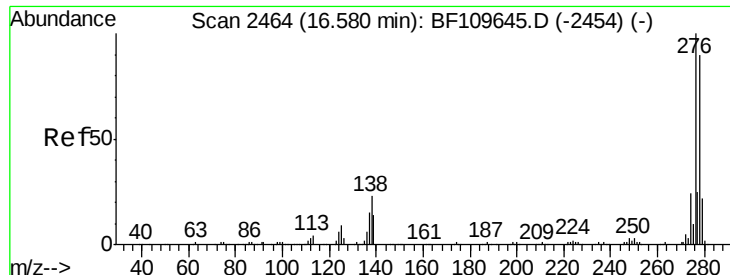
#84
 Di-n-octyl phthalate
 Concen: 0.019 ng
 RT: 14.39 min Scan# 2091
 Delta R.T. -0.04 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion:	149	Resp:	237
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	214.8	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

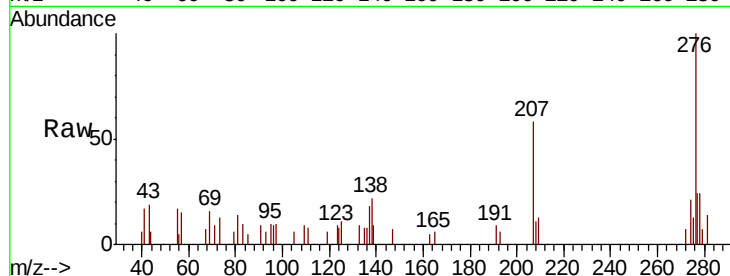




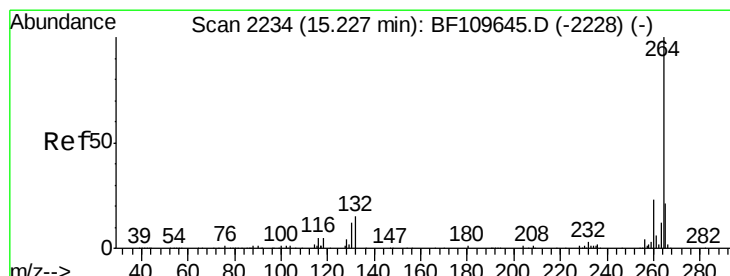
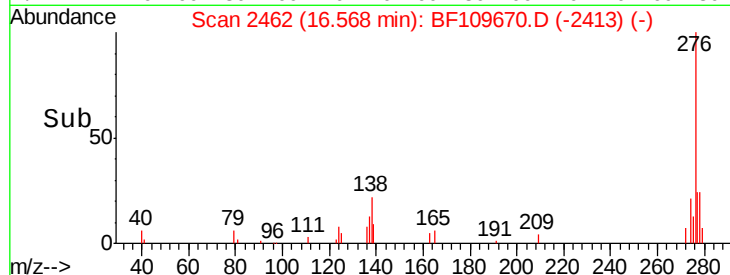
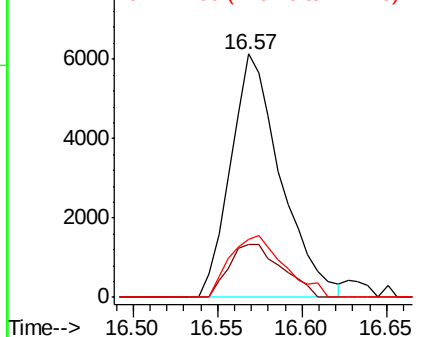
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.498 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	27.4	20.0	30.0

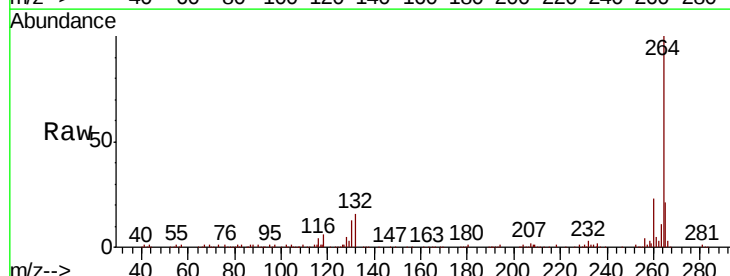


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

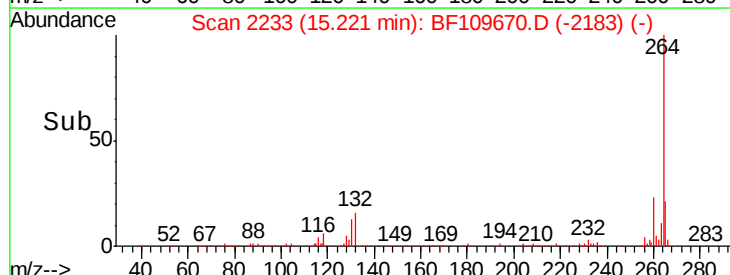
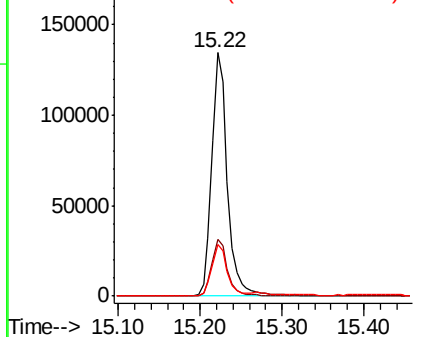


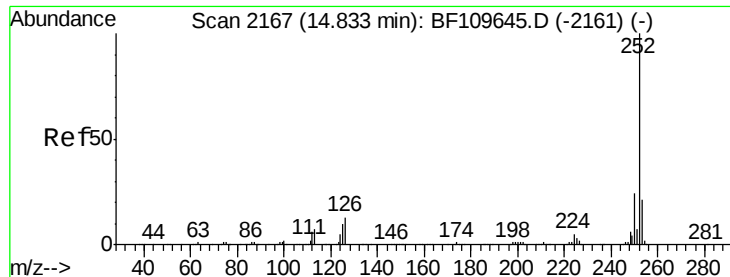
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109670.D
 Acq: 9 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.2	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

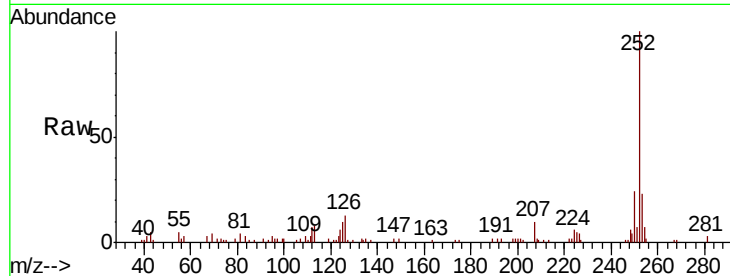




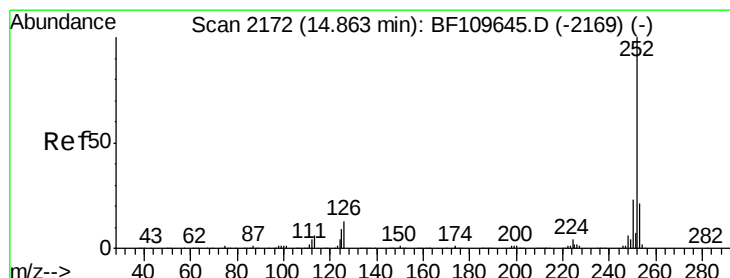
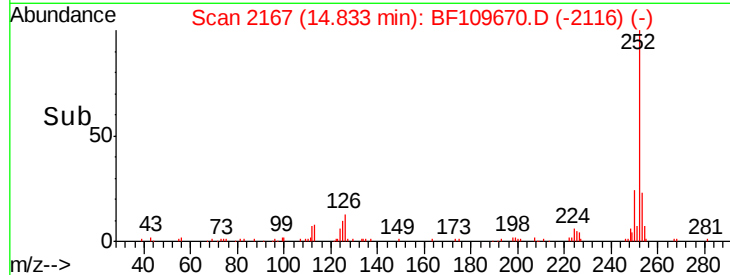
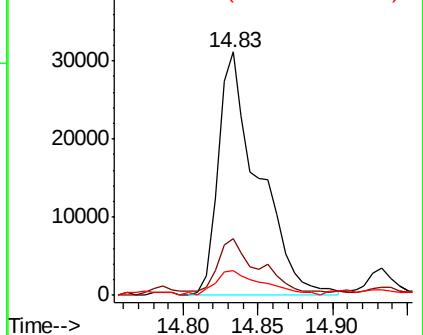
#87
Benzo(b)fluoranthene
Concen: 5.914 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-8

Tgt Ion:252 Resp: 58742
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 10.1 8.2 12.4

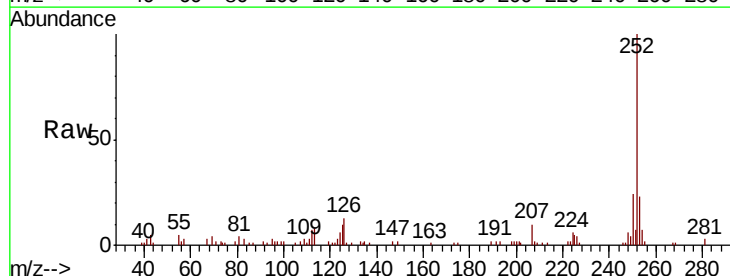


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

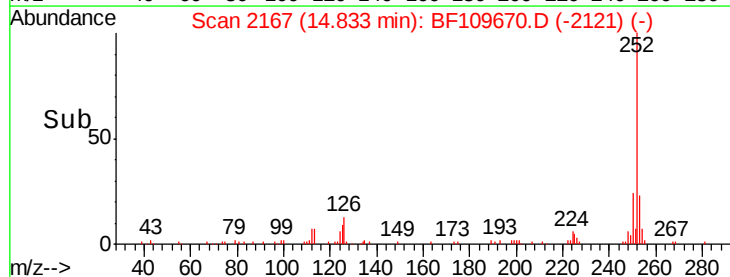
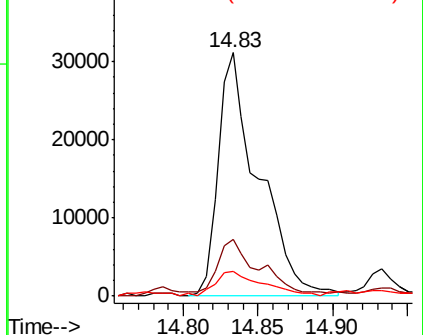


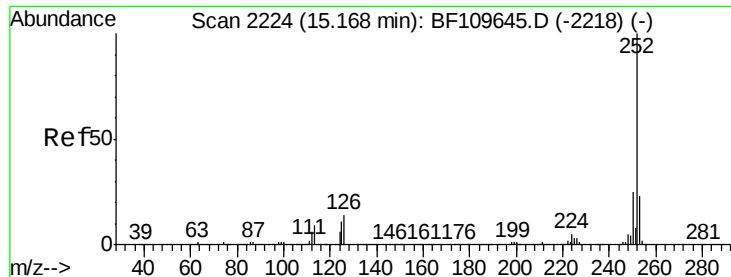
#88
Benzo(k)fluoranthene
Concen: 5.886 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion:252 Resp: 58742
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 10.1 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

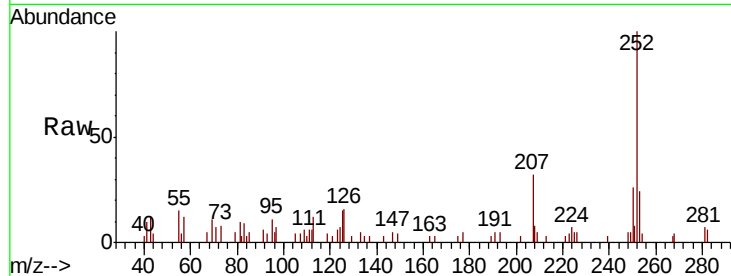




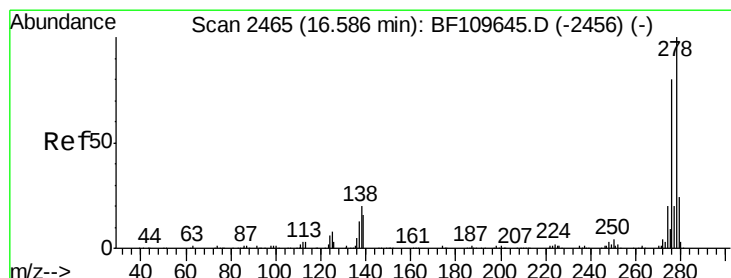
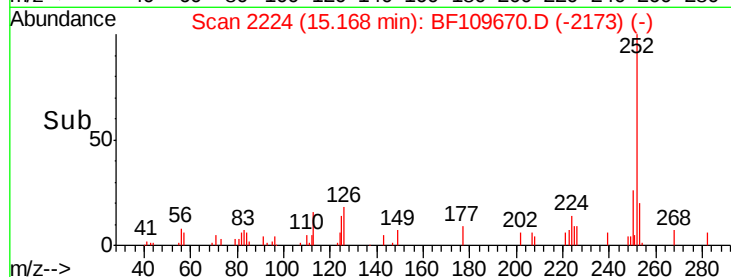
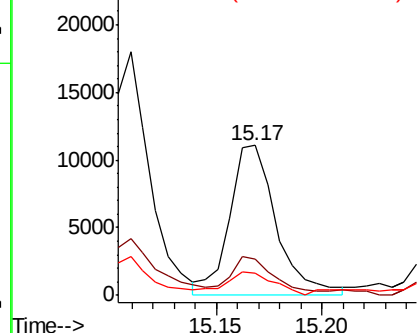
#89
Benzo(a)pyrene
Concen: 1.893 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-8

Tgt Ion: 252 Resp: 17067
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.4
125 14.6 9.0 13.6#

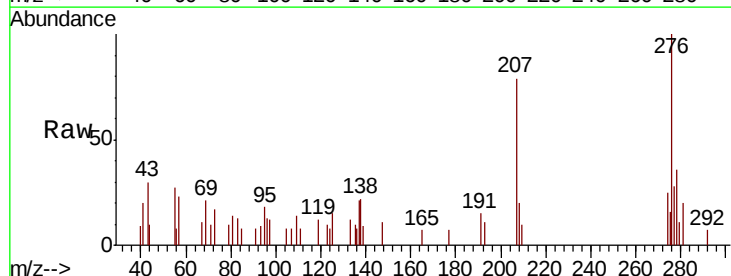


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

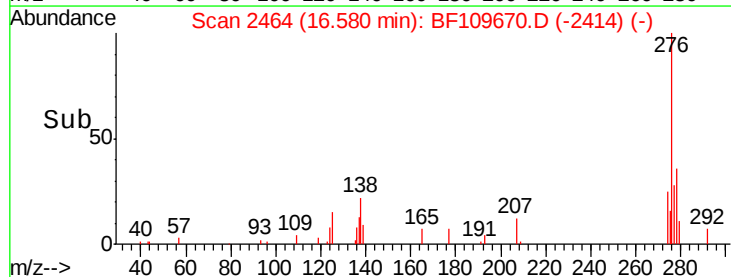
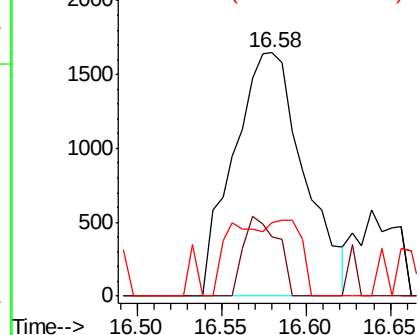


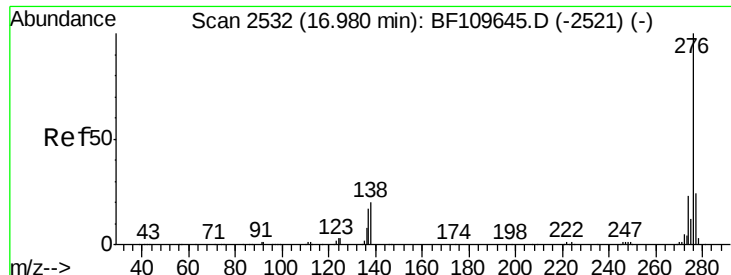
#90
Dibenzo(a,h)anthracene
Concen: 0.647 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109670.D
Acq: 9 Oct 2018 1:41

Tgt Ion: 278 Resp: 4788
Ion Ratio Lower Upper
278 100
139 24.6 12.7 19.1#
279 30.4 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(g,h,i)perylene

Concen: 1.596 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF109670.D

Acq: 9 Oct 2018 1:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-8

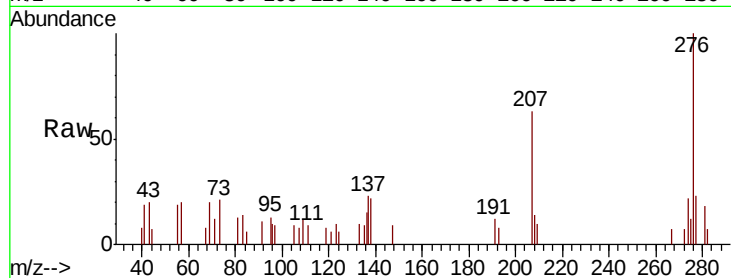
Tgt Ion: 276 Resp: 11800

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 21.8 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

