

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109669.D
 Acq On : 9 Oct 2018 1:13
 Operator : JU/SJ
 Sample : J5287-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Quant Time: Oct 09 04:08:00 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	99703	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	388543	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	158459	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	262555	20.00	ng	0.00
75) Chrysene-d12	13.83	240	219142	20.00	ng	0.00
86) Perylene-d12	15.22	264	186769	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	598787	106.60	ng	0.00
7) Phenol-d6	6.35	99	853521	113.75	ng	0.00
23) Nitrobenzene-d5	7.26	82	544172	77.20	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	162860	94.33	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	856892	74.48	ng	0.00
78) Terphenyl-d14	12.78	244	635140	56.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	115	0.039	ng	# 23
6) Aniline	6.36	93	530	0.061	ng	# 1
9) Benzaldehyde	6.35	77	1214	0.251	ng	# 1
10) Phenol	6.36	94	41046	4.770	ng	# 84
11) bis(2-Chloroethyl)ether	6.47	93	1003	0.141	ng	# 1
15) Benzyl Alcohol	6.85	79	8373	1.505	ng	# 54
17) 2-Methylphenol	6.82	107	836	0.153	ng	# 11
18) Hexachloroethane	7.06	117	120	0.039	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	71547	13.597	ng	# 78
24) Nitrobenzene	7.26	77	1285	0.175	ng	# 40
25) Isophorone	7.26	82	544172	46.492	ng	# 67
31) Naphthalene	8.00	128	607	0.034	ng	# 68
45) 1,1'-Biphenyl	9.16	154	1030	0.073	ng	# 76
46) 2-Chloronaphthalene	9.45	162	513	0.048	ng	# 1
47) 2-Nitroaniline	9.39	65	253	0.079	ng	# 1
48) Acenaphthylene	9.59	152	762	0.049	ng	# 61
49) Dimethylphthalate	9.45	163	89039	7.662	ng	# 99
50) 2,6-Dinitrotoluene	9.45	165	647	0.257	ng	# 21
51) Acenaphthene	9.72	154	507	0.055	ng	# 4
56) 2,4-Dinitrotoluene	9.72	165	19300	6.139	ng	# 18
57) Fluorene	10.51	166	6538	0.637	ng	# 81
59) Diethylphthalate	10.15	149	131	0.011	ng	# 59
62) Azobenzene	10.51	77	557	0.048	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	135	0.106	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	5283	0.594	ng	# 48
66) 4-Bromophenyl-phenylether	10.51	248	9978	3.307	ng	# 1
70) Phenanthrene	11.23	178	2238	0.170	ng	# 87
71) Anthracene	11.29	178	1633	0.120	ng	# 60
72) Carbazole	11.47	167	108	0.008	ng	# 59
73) Di-n-butylphthalate	11.76	149	1370	0.090	ng	# 77
74) Fluoranthene	12.41	202	8993	0.655	ng	# 97
76) Benzydine	12.78	184	8247	1.013	ng	# 97
77) Pyrene	12.41	202	8993	0.560	ng	# 94
79) Butylbenzylphthalate	13.24	149	373	0.054	ng	# 81

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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

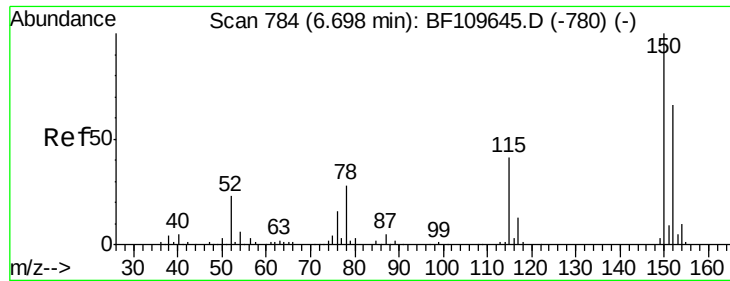
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Quant Time: Oct 09 04:08:00 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	13.82	228	7973	0.659	ng	# 96
82) Chrysene	13.82	228	7973	0.628	ng	93
83) Bis(2-ethylhexyl)phthalate	13.82	149	2909	0.343	ng	# 99
84) Di-n-octyl phthalate	14.42	149	819	0.061	ng	# 76
85) Indeno(1,2,3-cd)pyrene	16.57	276	3237	0.356	ng	# 87
87) Benzo(b)fluoranthene	14.83	252	15289	1.481	ng	# 80
88) Benzo(k)fluoranthene	14.83	252	15289	1.474	ng	# 79
89) Benzo(a)pyrene	15.17	252	4612	0.492	ng	# 89
90) Dibenzo(a,h)anthracene	16.59	278	663	0.086	ng	# 56
91) Benzo(g,h,i)perylene	16.97	276	2793	0.364	ng	# 79

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

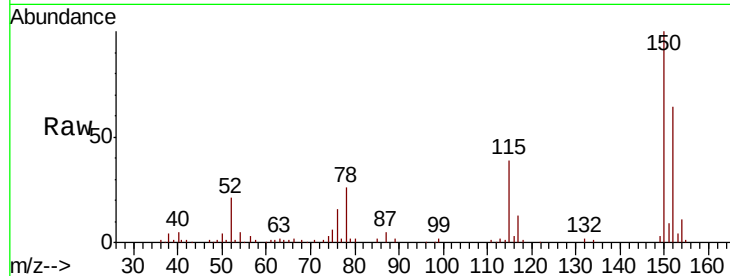
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Acq On    : 9 Oct 2018    1:13
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```



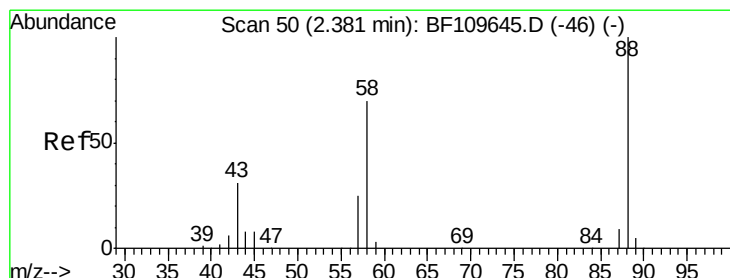
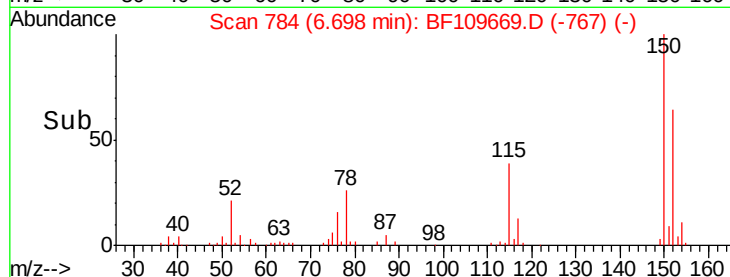
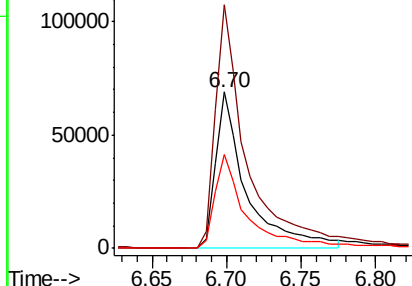
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Tgt Ion:152 Resp: 99703
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 60.0 49.1 73.7

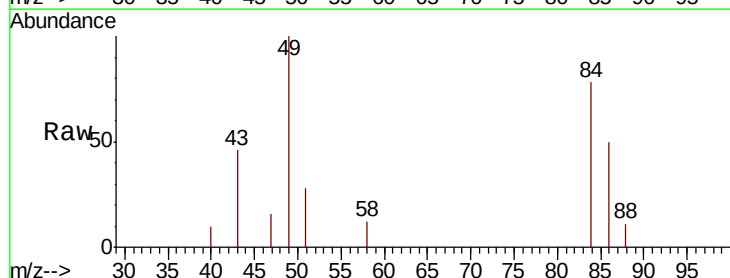


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

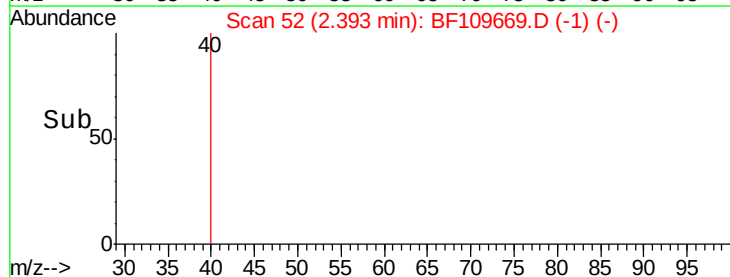
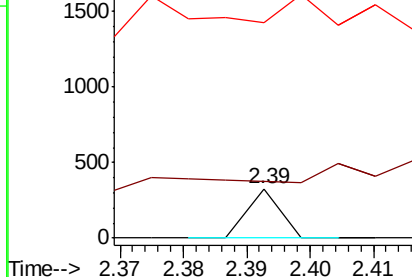


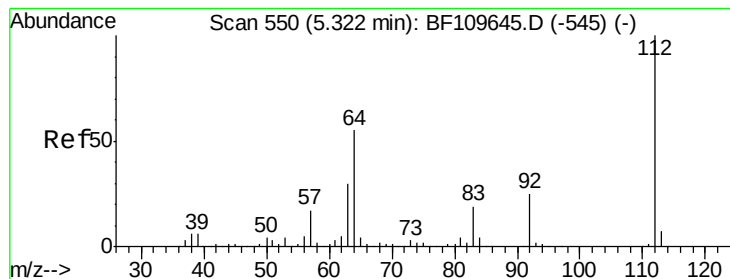
#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 2.39 min Scan# 52
 Delta R.T. 0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion: 88 Resp: 115
 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: 106.603 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleID :

TRACK-D-7

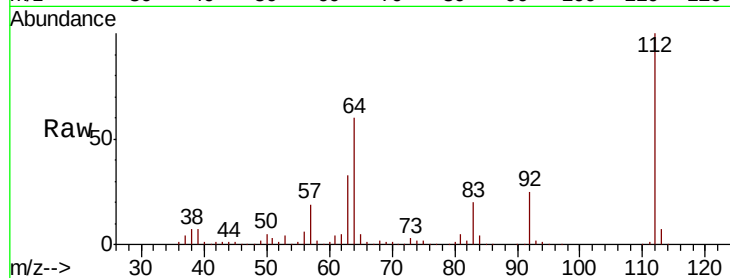
Tgt Ion: 112 Resp: 598787

Ion Ratio Lower Upper

112 100

64 59.9 44.1 66.1

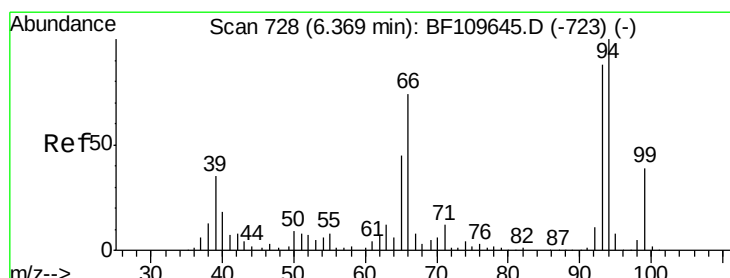
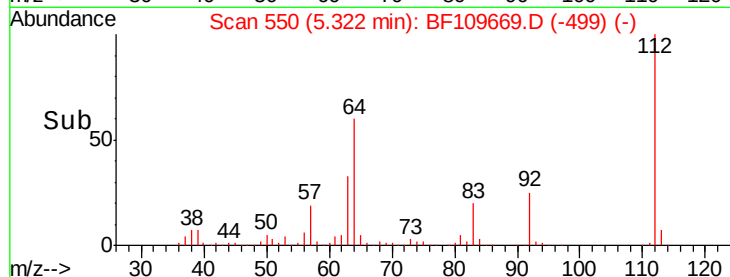
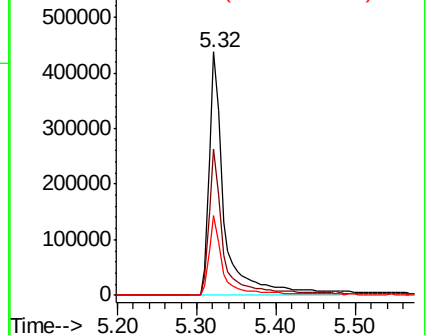
63 32.6 23.7 35.5



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: 0.061 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

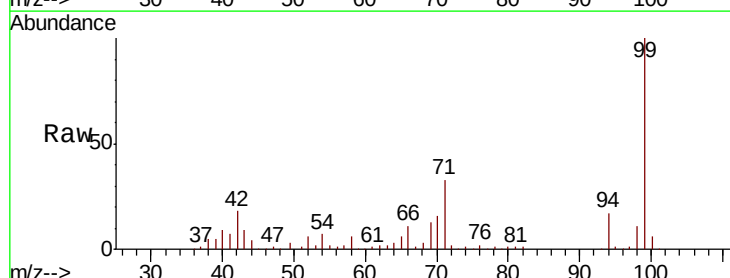
Tgt Ion: 93 Resp: 530

Ion Ratio Lower Upper

93 100

66 2568.4 67.4 101.0#

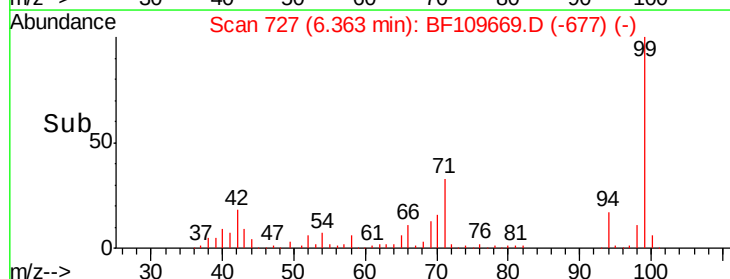
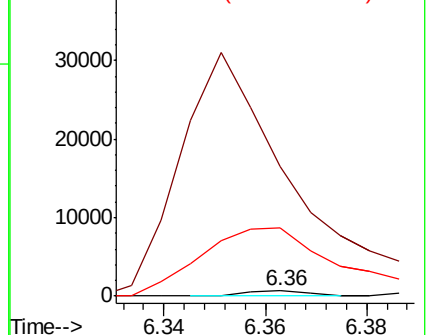
65 1345.8 41.0 61.4#

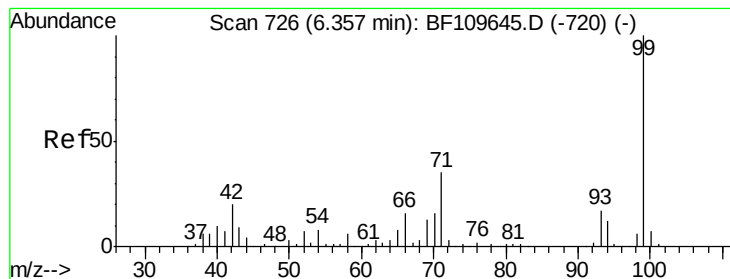


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.748 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

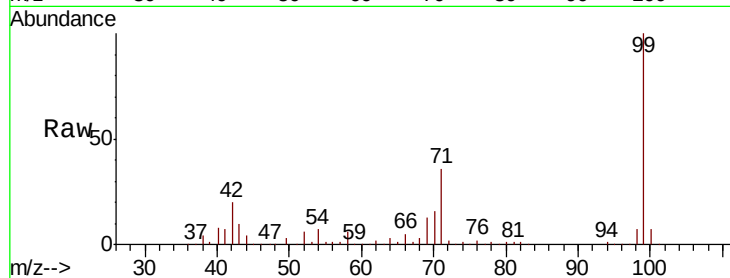
Tgt Ion: 99 Resp: 853521

Ion Ratio Lower Upper

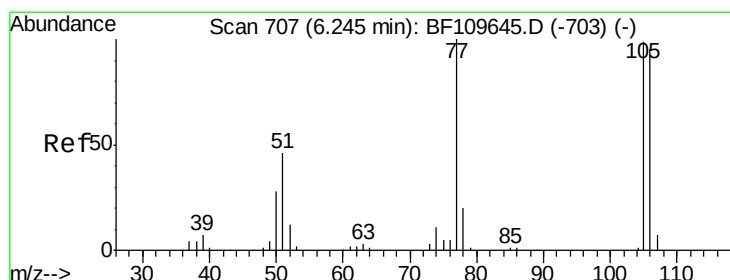
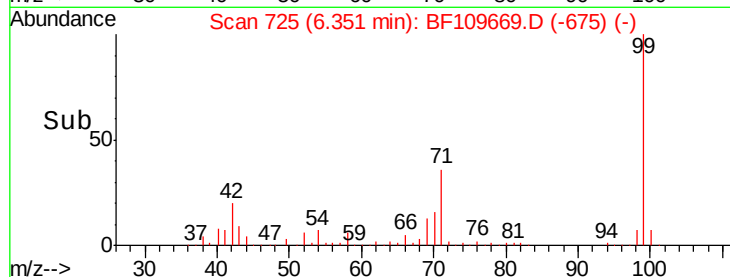
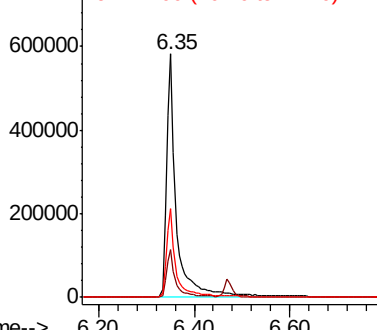
99 100

42 19.8 15.8 23.6

71 36.3 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: 0.251 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.11 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

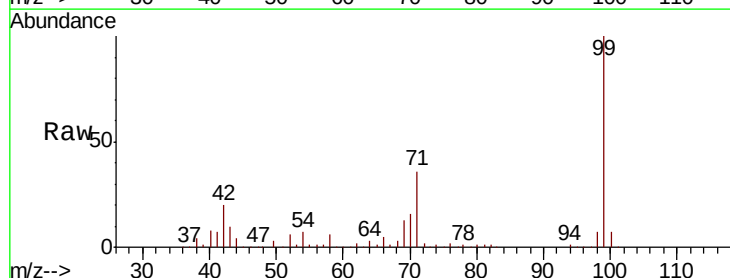
Tgt Ion: 77 Resp: 1214

Ion Ratio Lower Upper

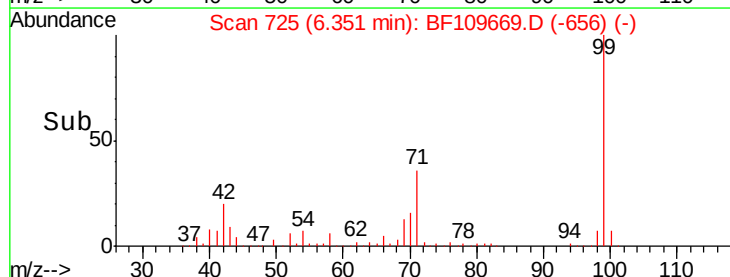
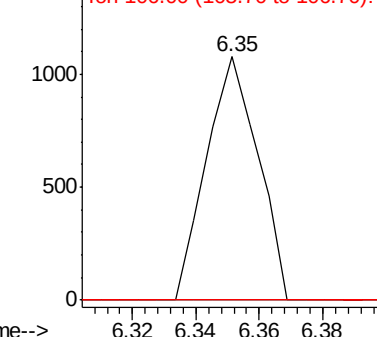
77 100

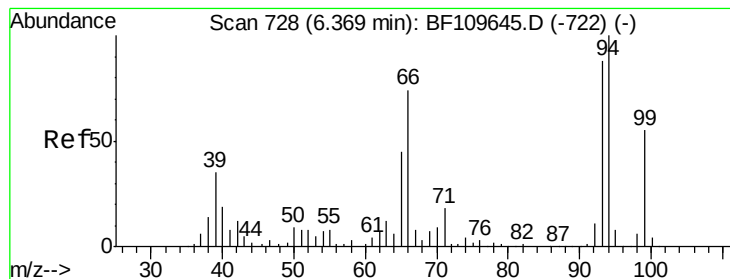
105 0.0 78.6 118.6#

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: 4.770 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

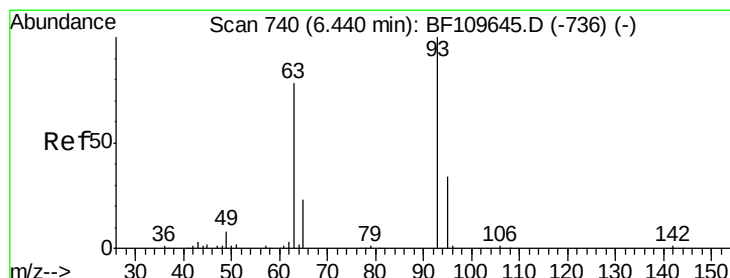
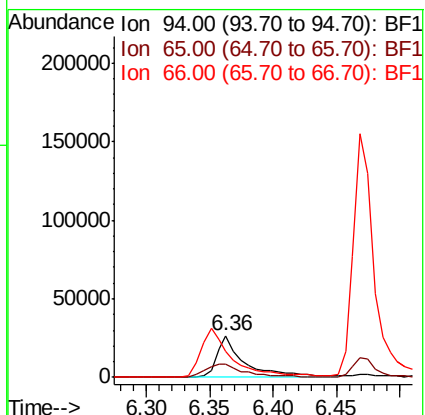
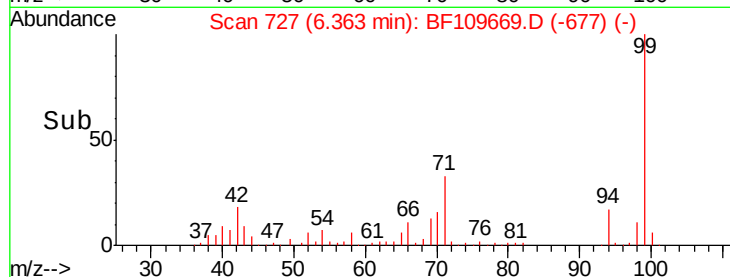
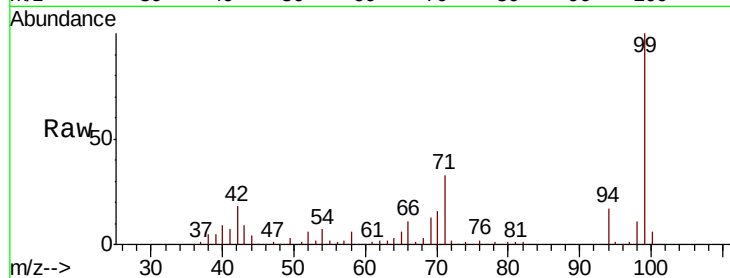
Tgt Ion: 94 Resp: 41046

Ion Ratio Lower Upper

94 100

65 32.8 25.3 65.3

66 62.7 54.5 94.5



#11

bis(2-Chloroethyl)ether

Concen: 0.141 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.03 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

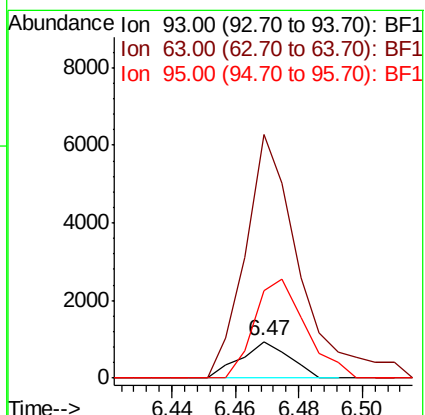
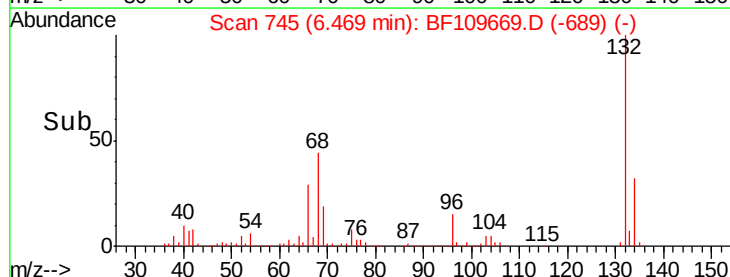
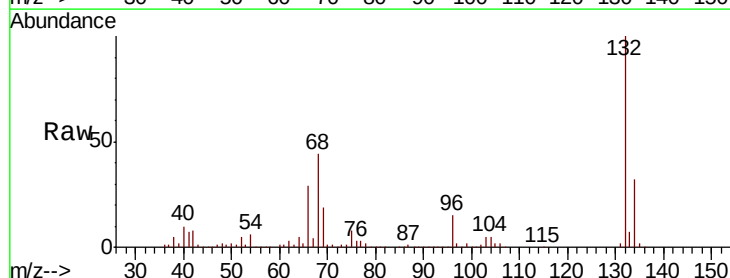
Tgt Ion: 93 Resp: 1003

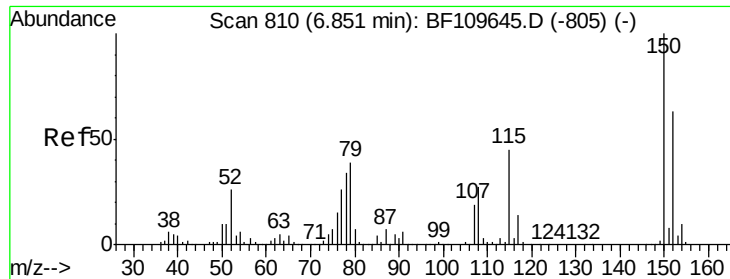
Ion Ratio Lower Upper

93 100

63 660.9 53.4 93.4#

95 237.0 12.1 52.1#





#15

Benzyl Alcohol

Concen: 1.505 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

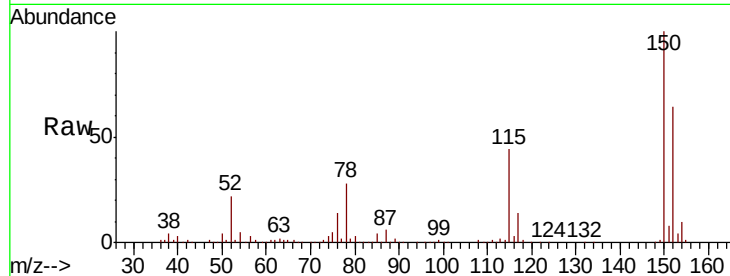
Tgt Ion: 79 Resp: 8373

Ion Ratio Lower Upper

79 100

108 30.3 56.3 84.5#

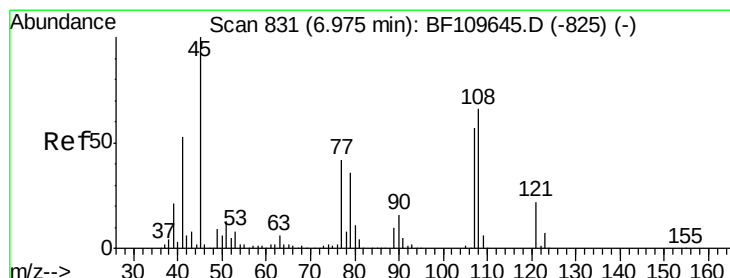
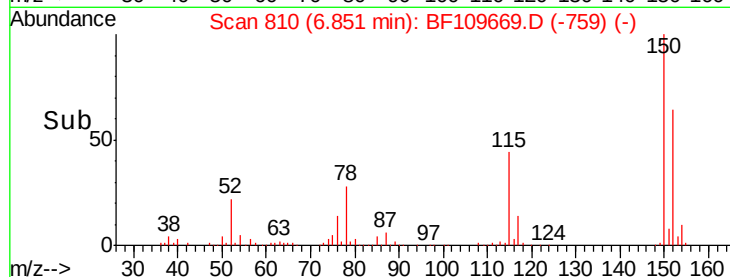
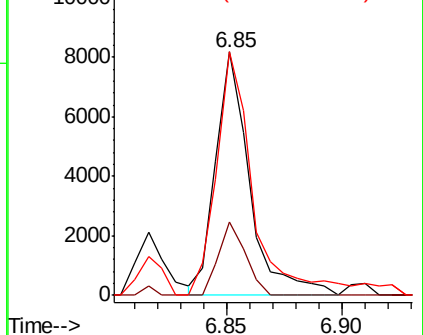
77 100.0 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 0.153 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.16 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Tgt Ion: 107 Resp: 836

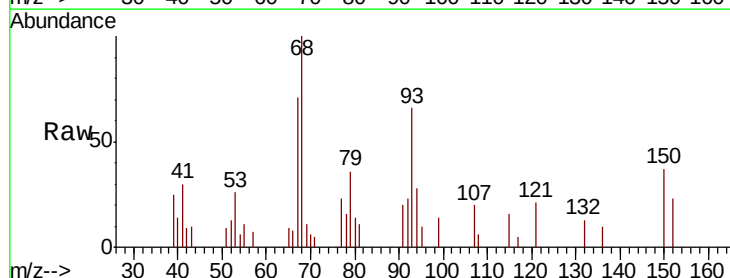
Ion Ratio Lower Upper

107 100

108 29.4 92.6 138.8#

77 116.1 59.4 89.2#

79 186.4 54.0 81.0#

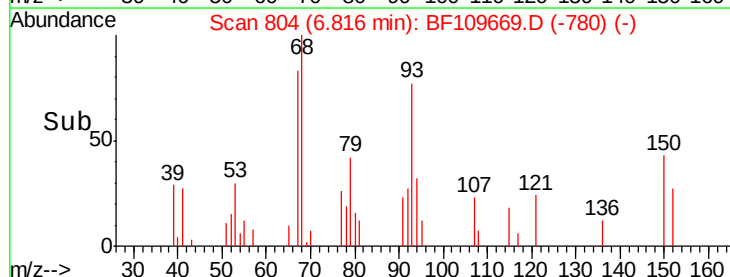
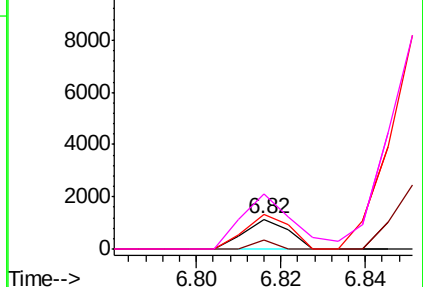


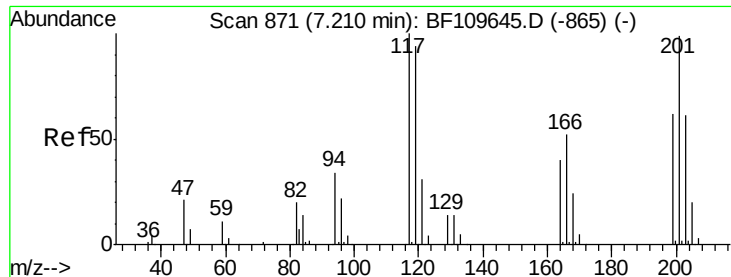
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

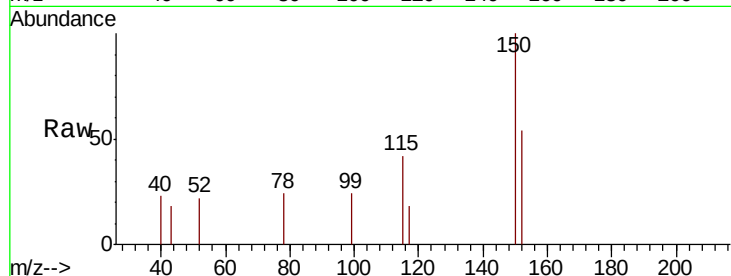




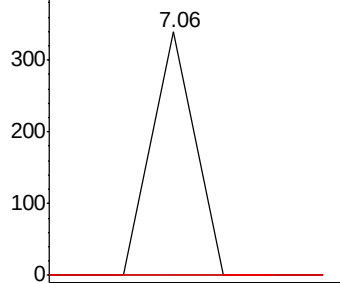
#18
Hexachloroethane
Concen: 0.039 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.15 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

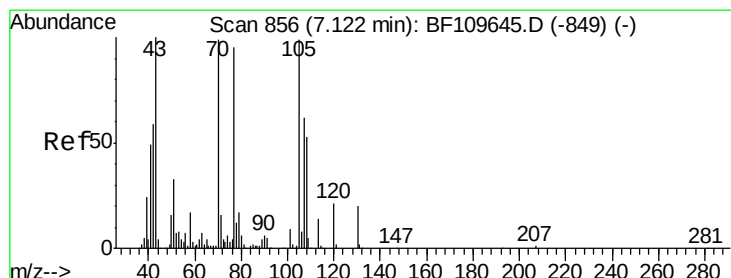
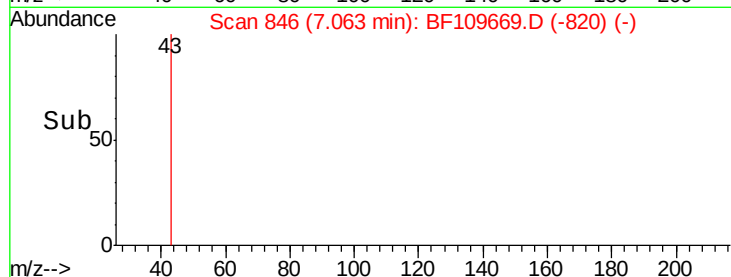
Tgt Ion: 117 Resp: 120
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 79.2 118.8#



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

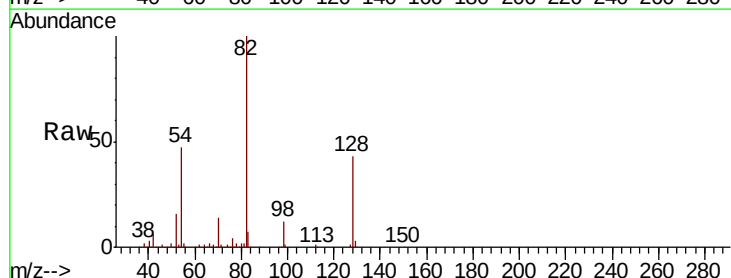


Time-->

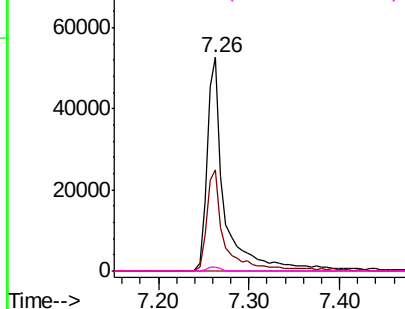


#19
n-Nitroso-di-n-propylamine
Concen: 13.597 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

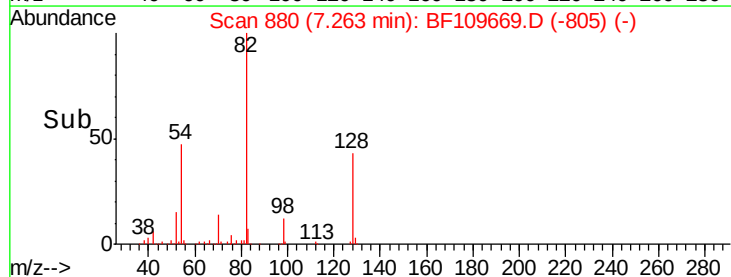
Tgt Ion: 70 Resp: 71547
Ion Ratio Lower Upper
70 100
42 47.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#

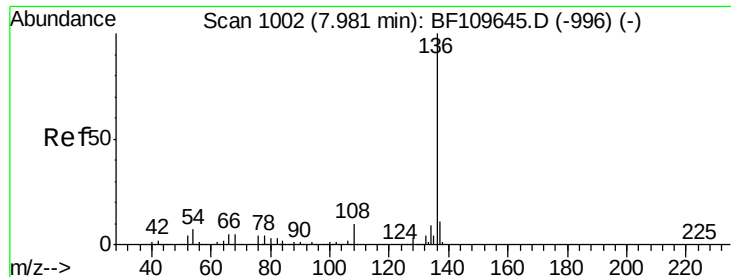


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



Time-->

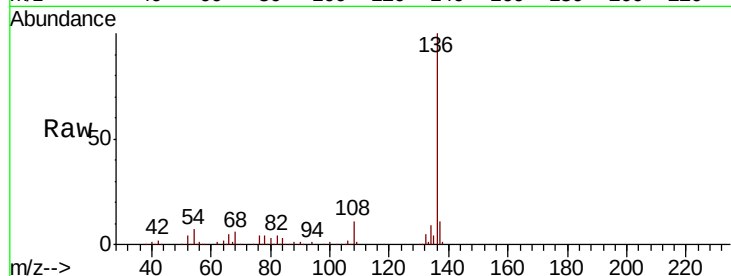




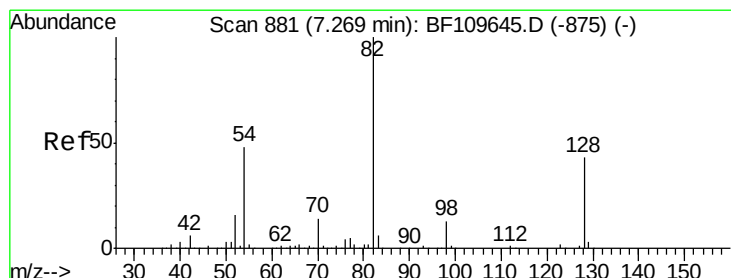
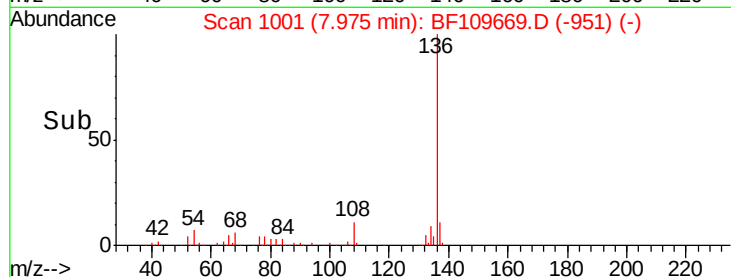
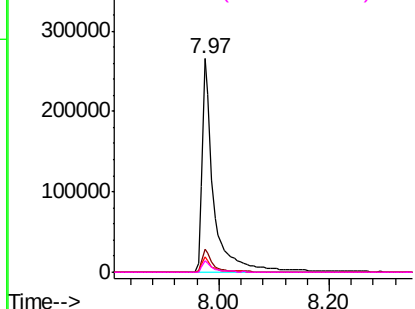
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:	136	Resp:	388543
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	5.4	8.2
68	5.6	4.2	6.2

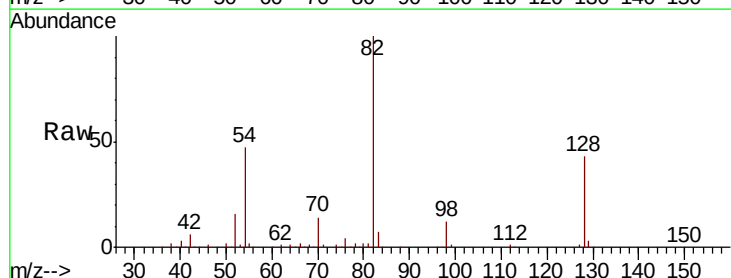


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

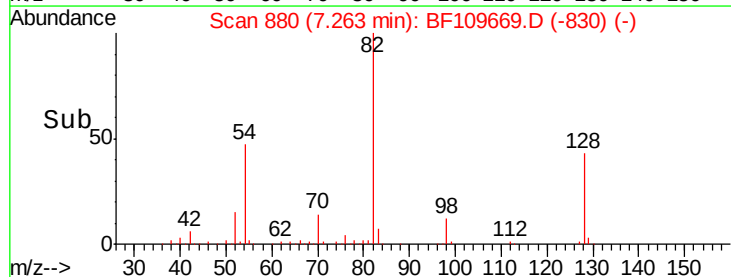
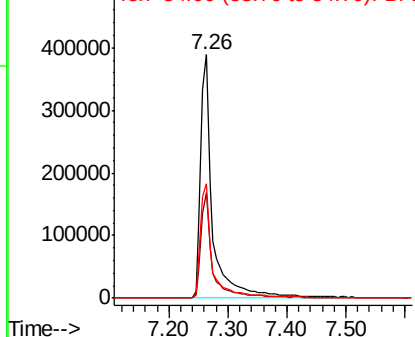


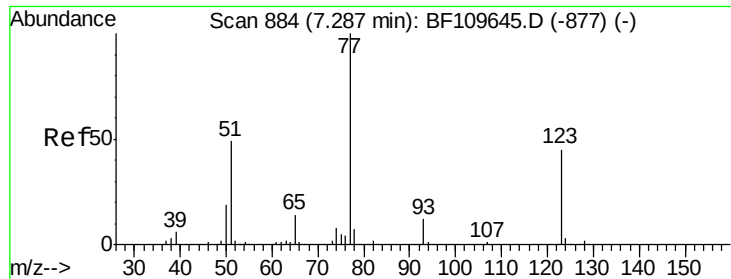
#23
Nitrobenzene-d5
Concen: 77.203 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:	82	Resp:	544172
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	47.0	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: 0.175 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampled :

TRACK-D-7

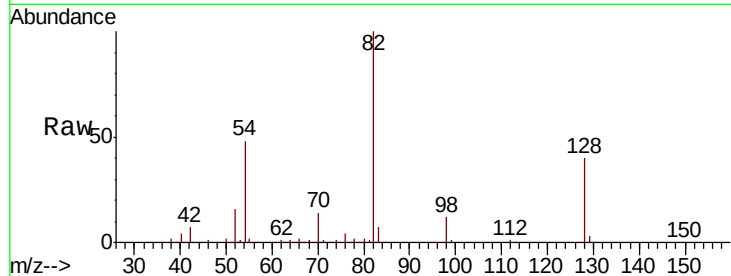
Tgt Ion: 77 Resp: 1285

Ion Ratio Lower Upper

77 100

123 0.0 35.7 53.5#

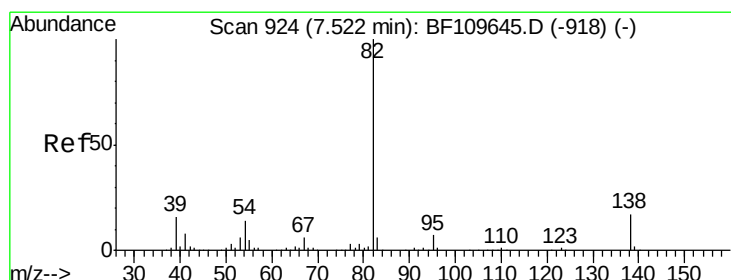
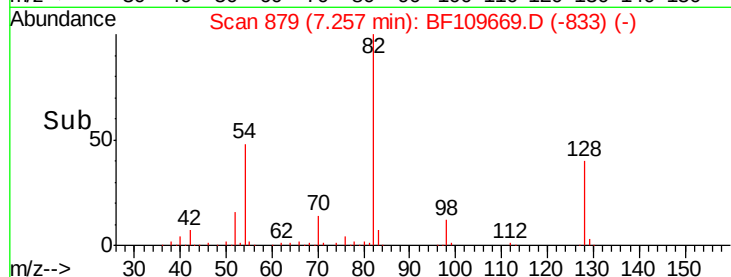
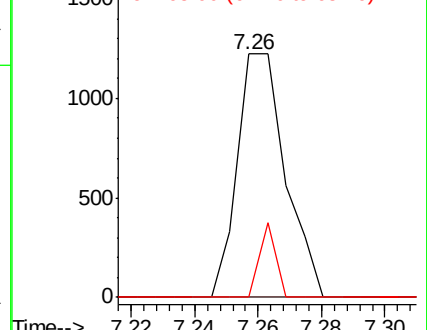
65 0.0 10.7 16.1#



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: 46.492 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

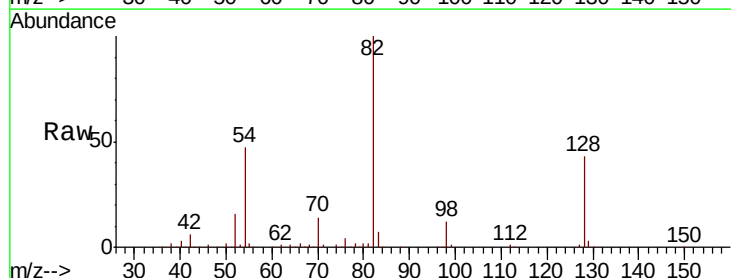
Tgt Ion: 82 Resp: 544172

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

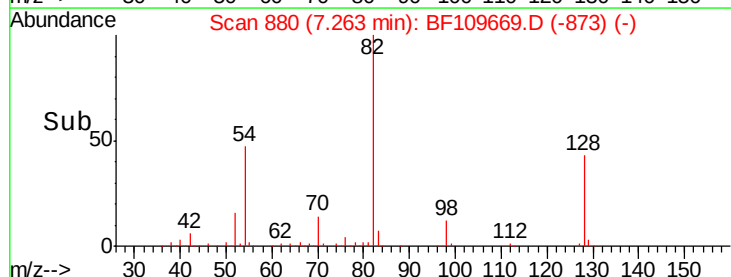
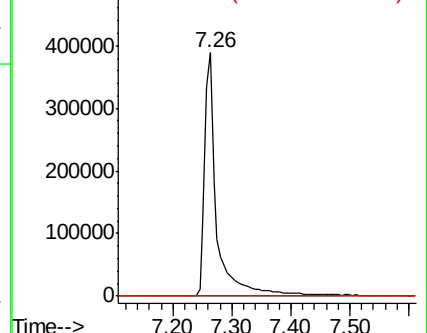
138 0.0 13.2 19.8#

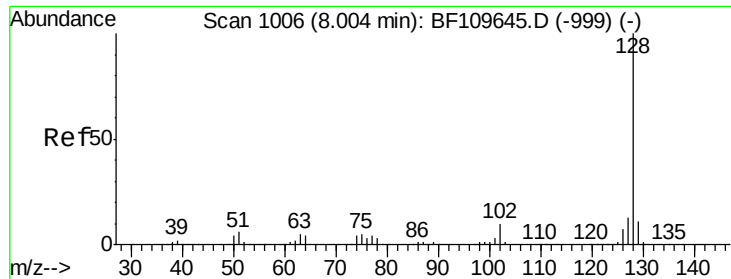


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

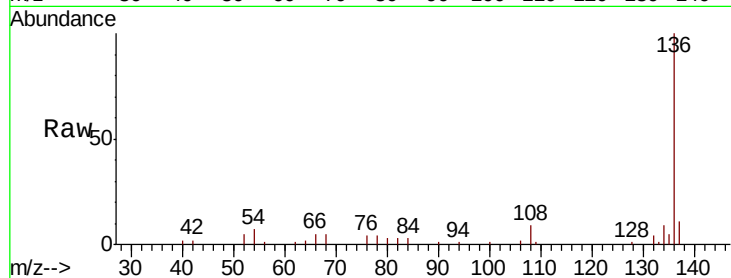




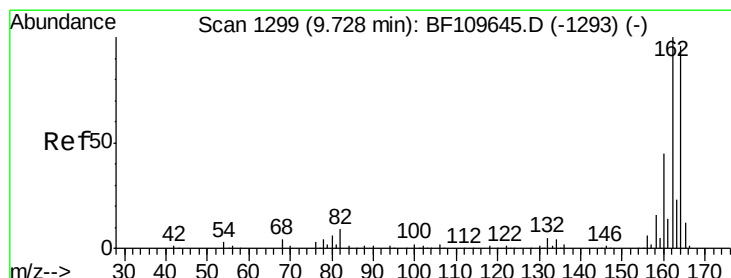
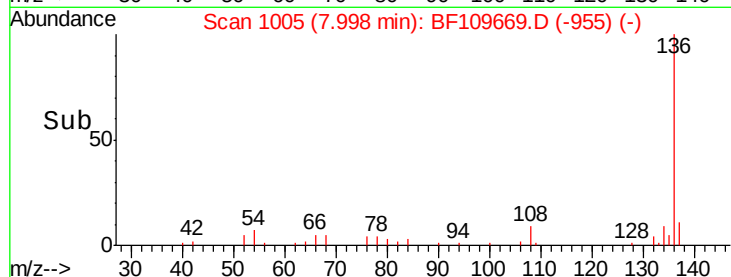
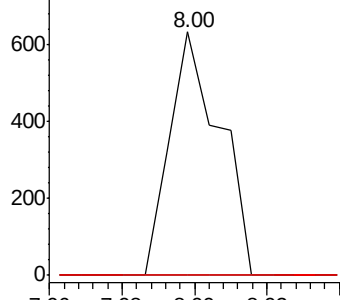
#31
Naphthalene
Concen: 0.034 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:128 Resp: 607
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.8 16.2#

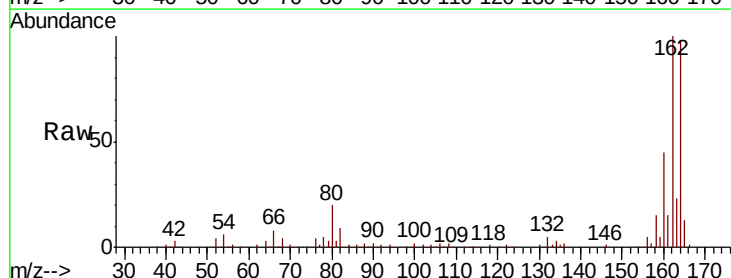


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

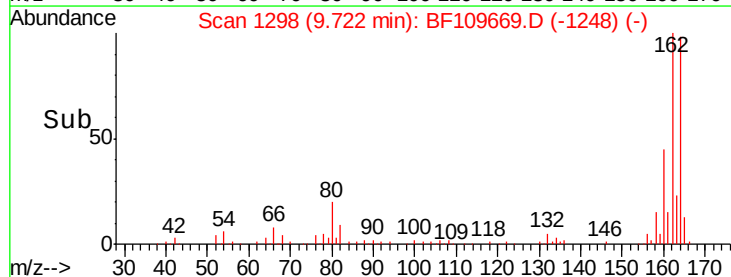
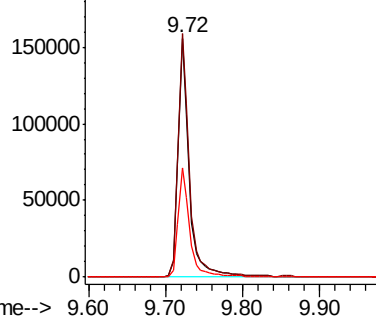


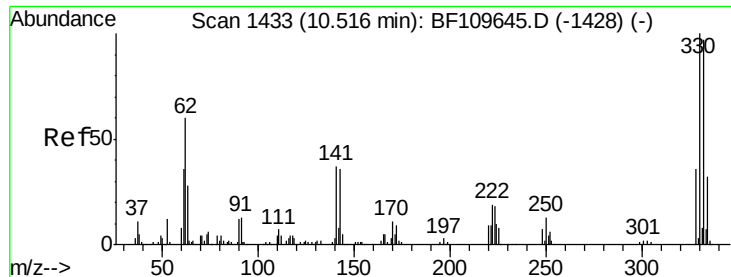
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:164 Resp: 158459
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 45.8 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

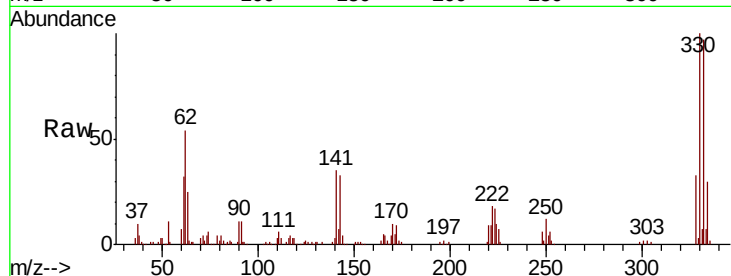




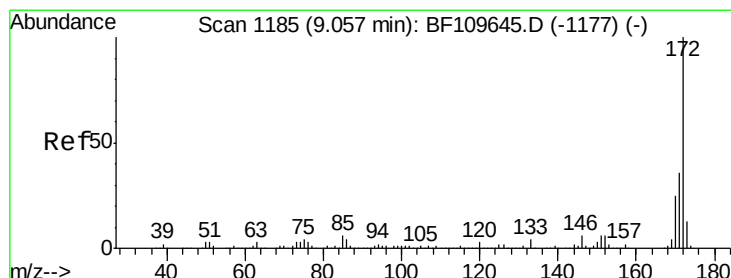
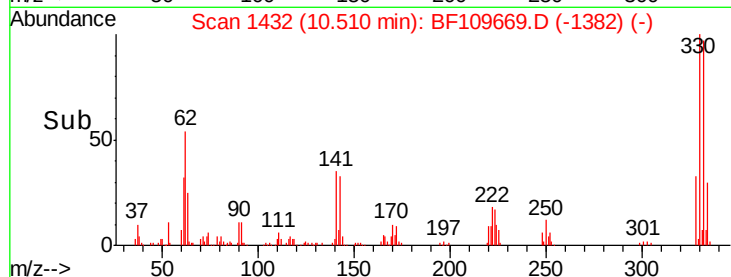
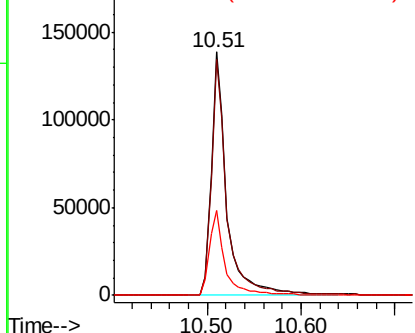
#41
 2,4,6-Tribromophenol
 Concen: 94.325 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Tgt Ion:330 Resp: 162860
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 35.3 27.0 40.4

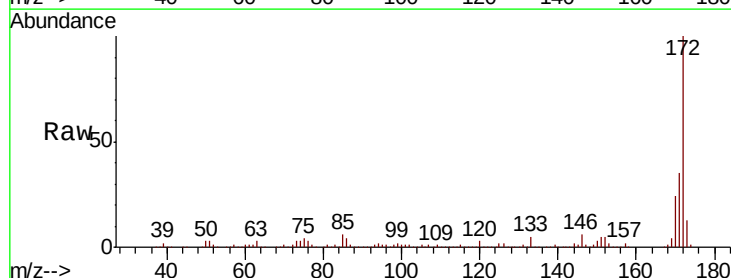


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

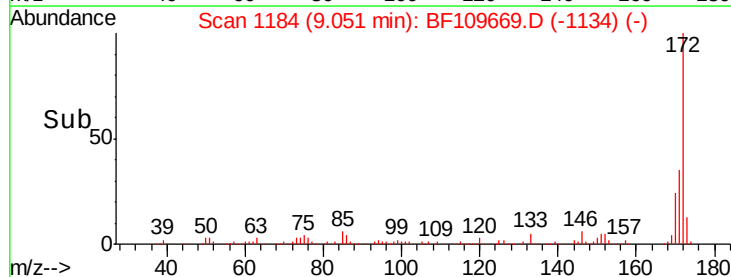
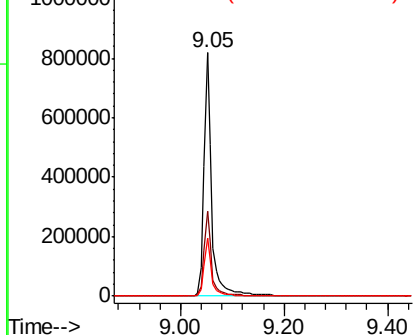


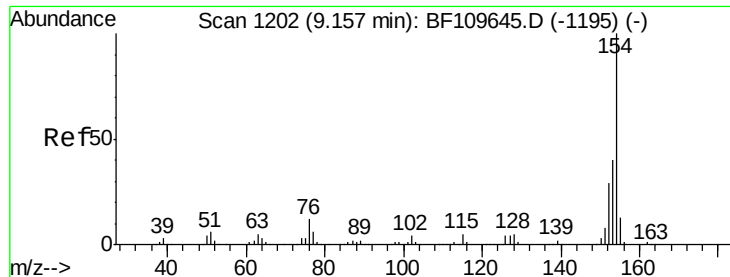
#44
 2-Fluorobiphenyl
 Concen: 74.477 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion:172 Resp: 856892
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.9 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

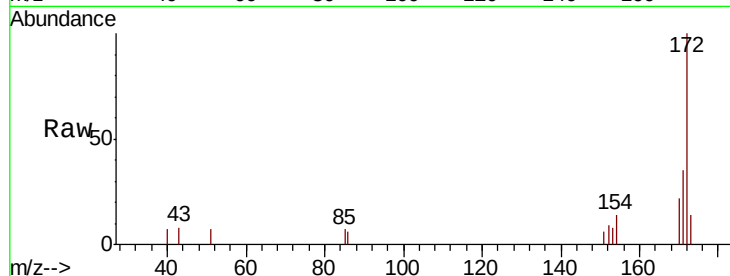




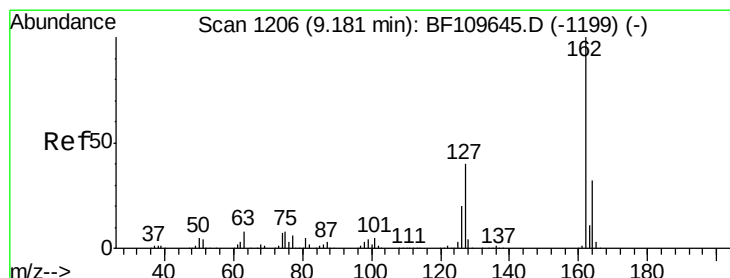
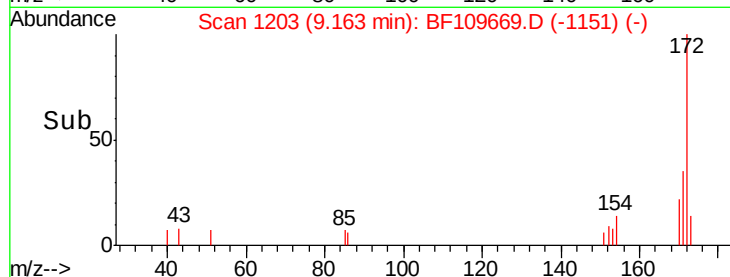
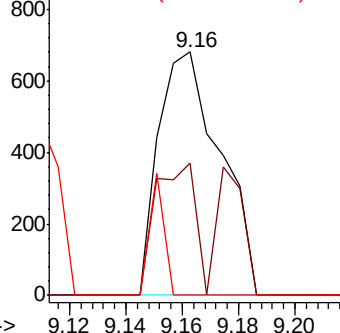
#45
 1,1'-Biphenyl
 Concen: 0.073 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampled :
 TRACK-D-7

Tgt Ion:154 Resp: 1030
 Ion Ratio Lower Upper
 154 100
 153 54.2 20.4 60.4
 76 0.0 0.0 31.9

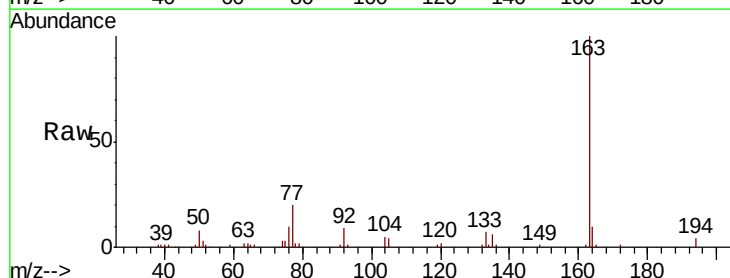


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

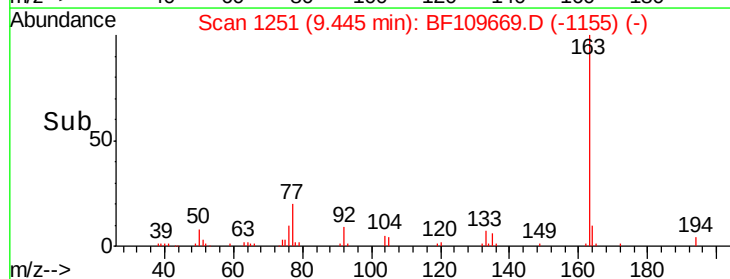
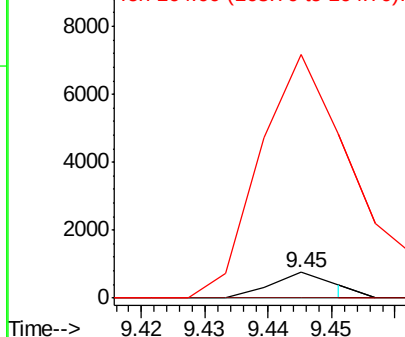


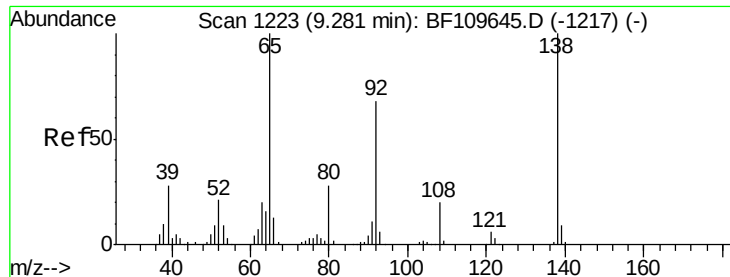
#46
 2-Chloronaphthalene
 Concen: 0.048 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.26 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion:162 Resp: 513
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 48.8#
 164 949.7 25.9 38.9#



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





#47

2-Nitroaniline

Concen: 0.079 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.11 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

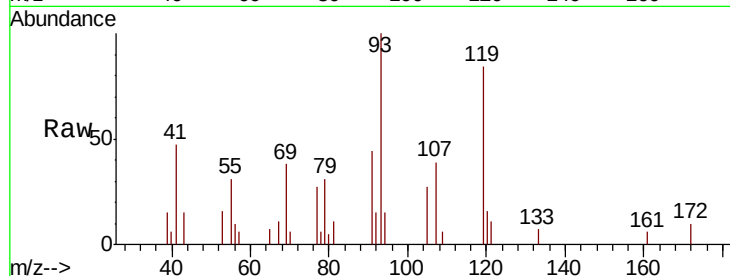
Tgt Ion: 65 Resp: 253

Ion Ratio Lower Upper

65 100

92 212.4 54.6 81.8#

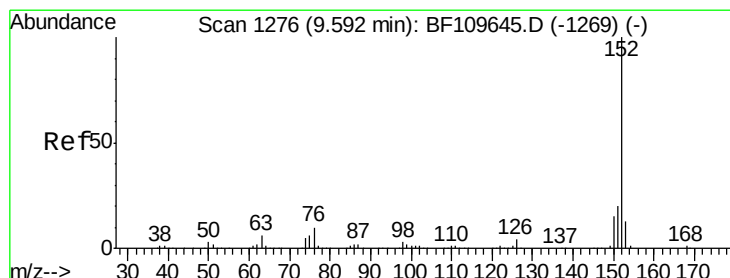
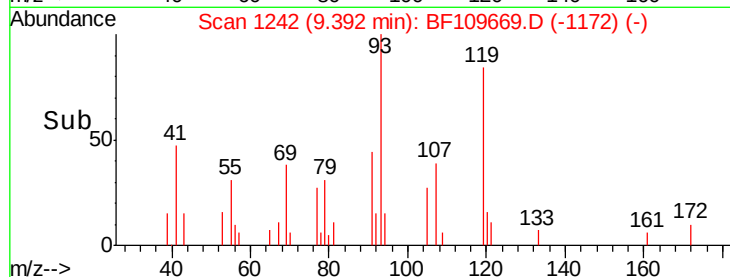
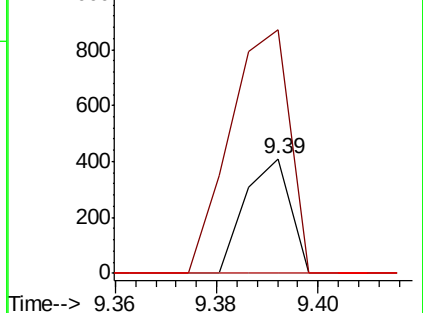
138 0.0 80.3 120.5#



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): BF1



#48

Acenaphthylene

Concen: 0.049 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

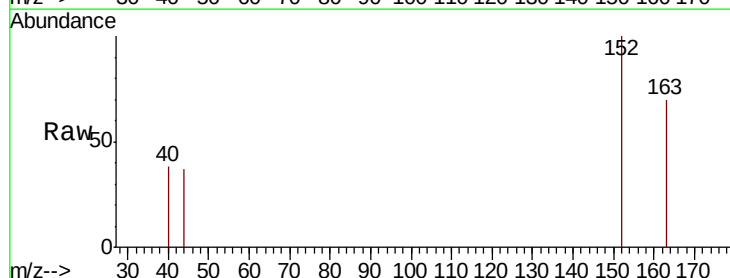
Tgt Ion: 152 Resp: 762

Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.8#

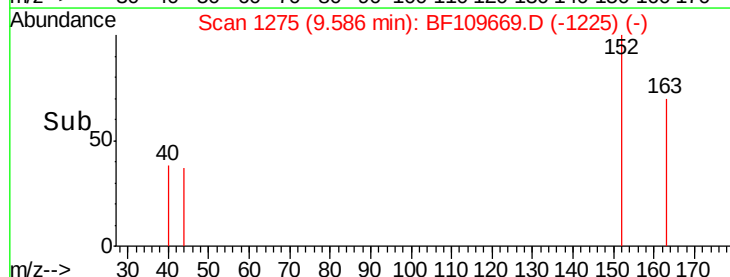
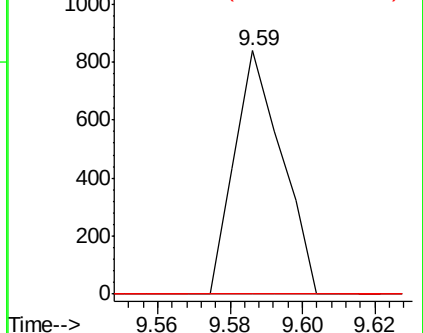
153 0.0 10.4 15.6#

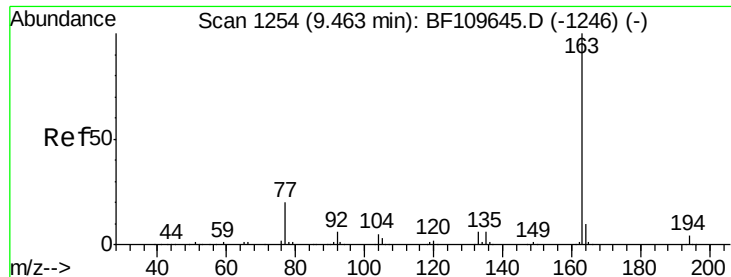


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

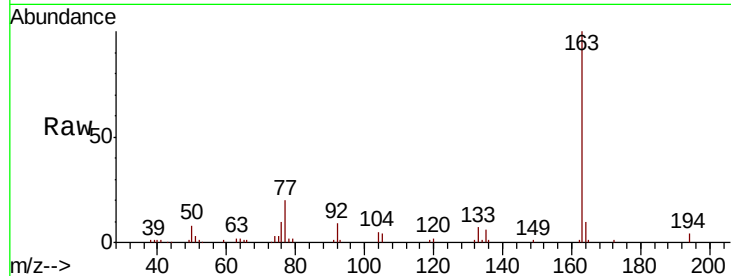




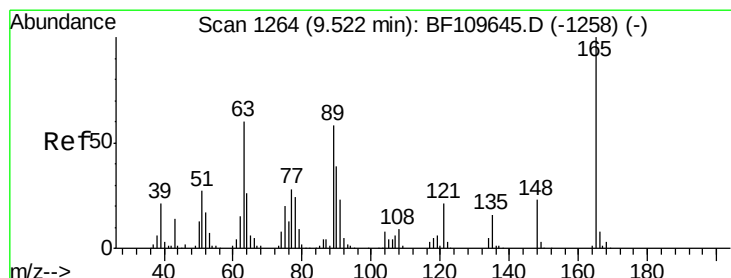
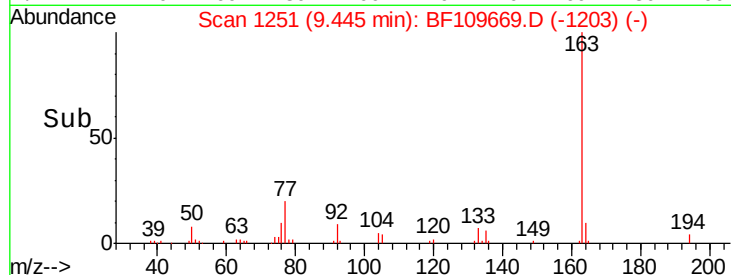
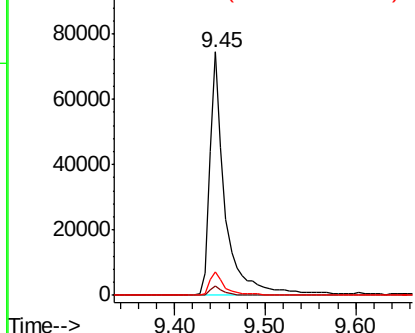
#49
Dimethylphthalate
Concen: 7.662 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:163 Resp: 89039
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 8.1 12.1

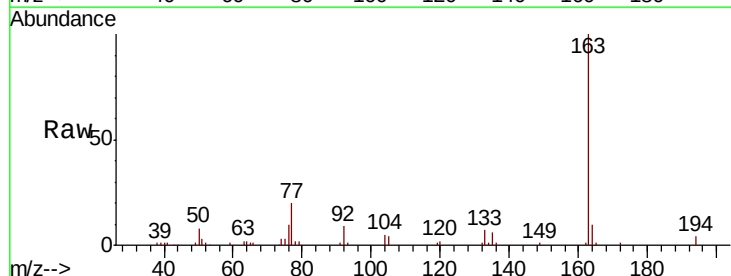


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

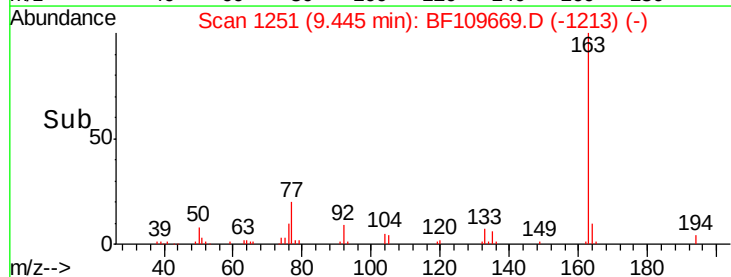
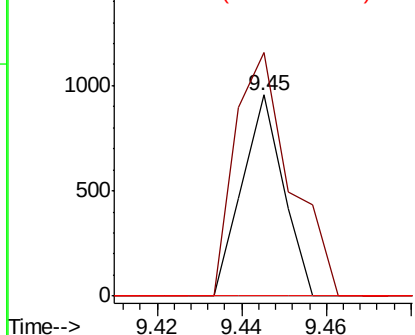


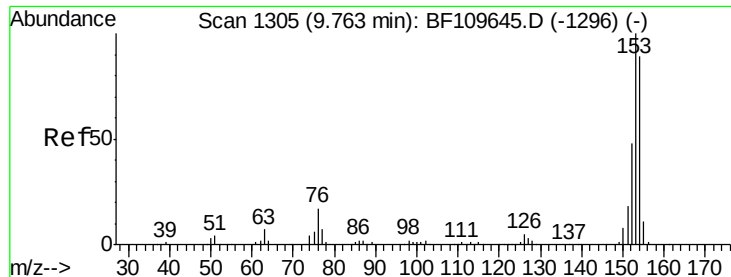
#50
2,6-Dinitrotoluene
Concen: 0.257 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.08 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:165 Resp: 647
Ion Ratio Lower Upper
165 100
63 121.3 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: 0.055 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.04 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

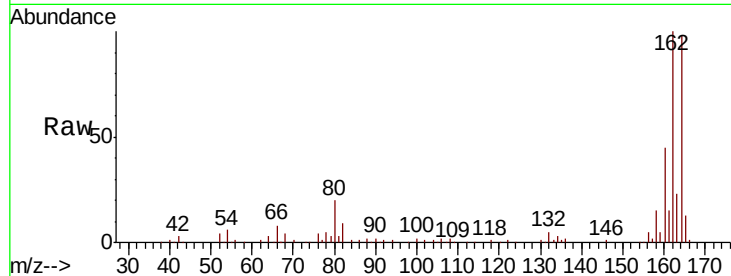
Tgt Ion:154 Resp: 507

Ion Ratio Lower Upper

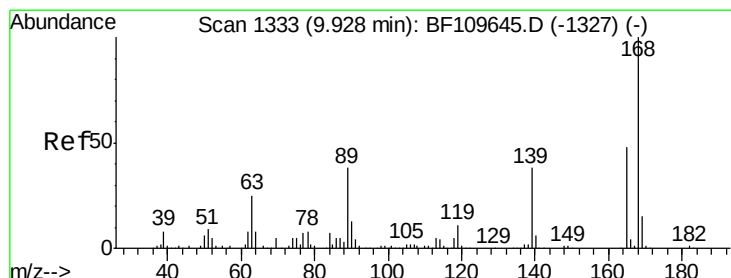
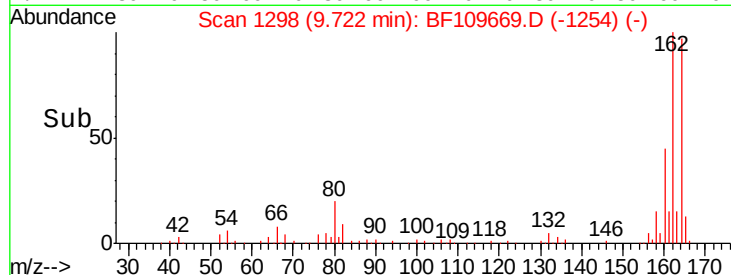
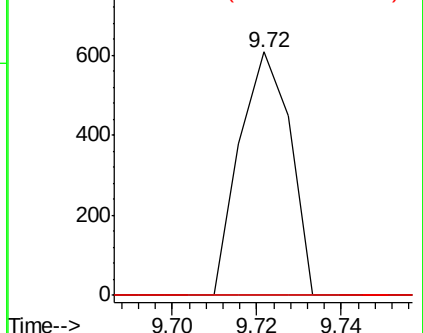
154 100

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



#56

2,4-Dinitrotoluene

Concen: 6.139 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Tgt Ion:165 Resp: 19300

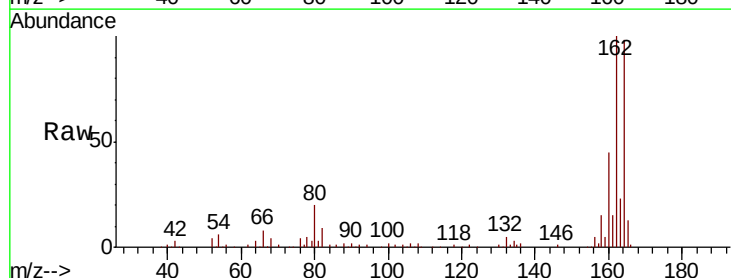
Ion Ratio Lower Upper

165 100

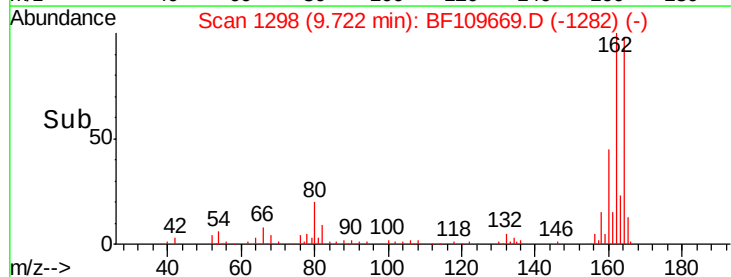
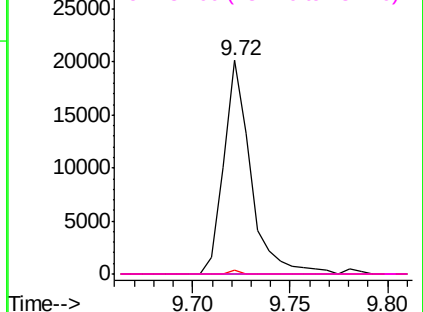
63 0.0 44.8 67.2#

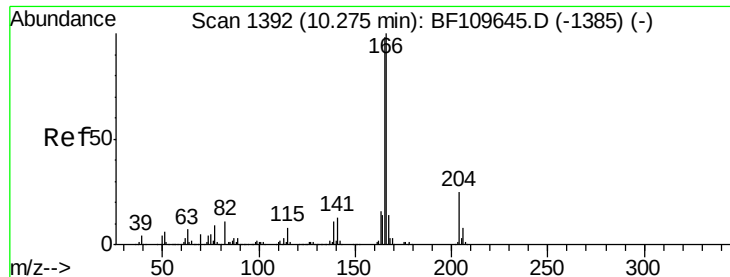
89 1.6 62.2 93.4#

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

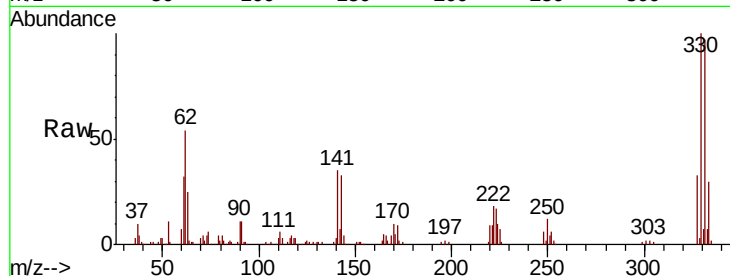




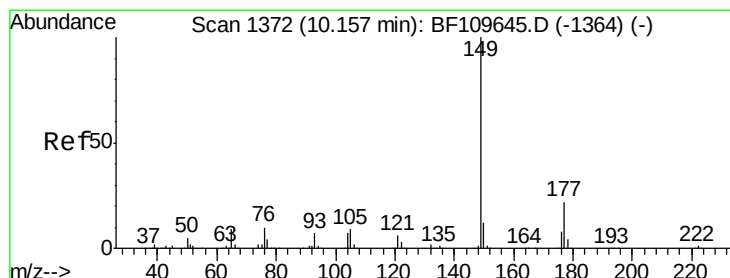
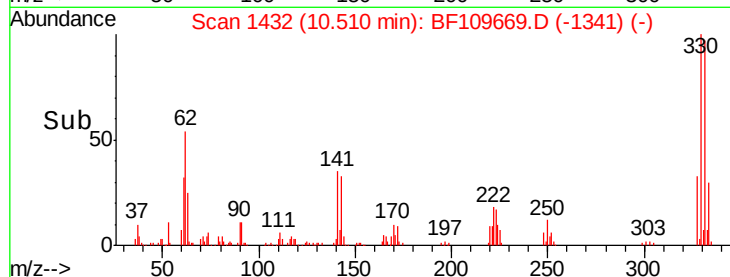
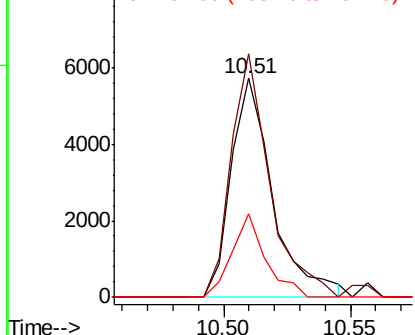
#57
 Fluorene
 Concen: 0.637 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.24 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Tgt Ion:166 Resp: 6538
 Ion Ratio Lower Upper
 166 100
 165 111.1 78.6 117.8
 167 38.2 10.8 16.2#

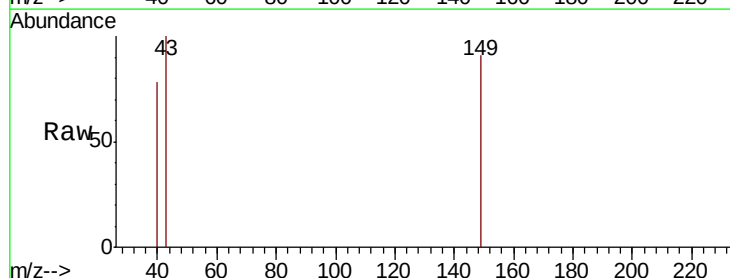


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

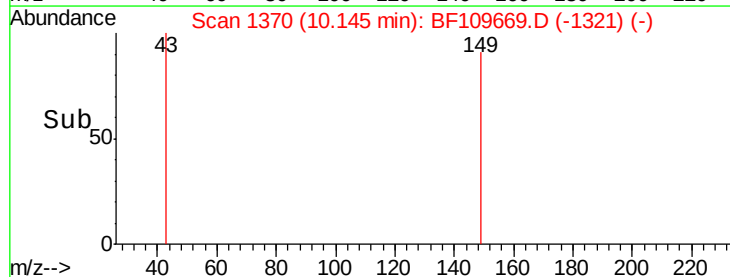
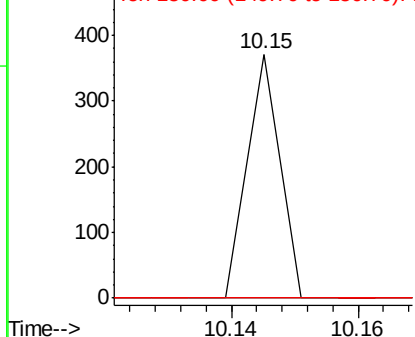


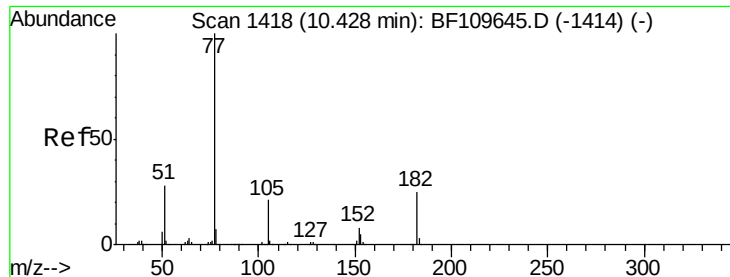
#59
 Diethylphthalate
 Concen: 0.011 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion:149 Resp: 131
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.4 26.2#
 150 0.0 9.8 14.8#



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

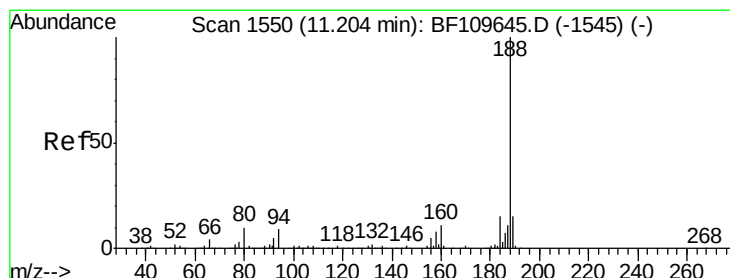
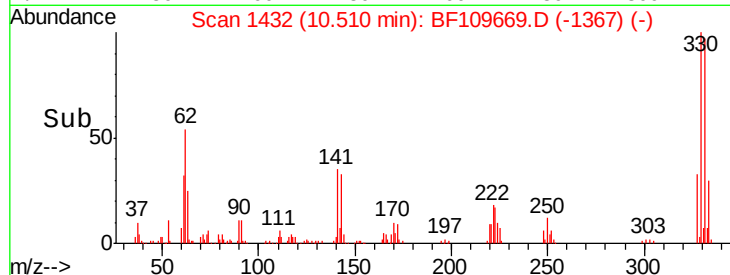
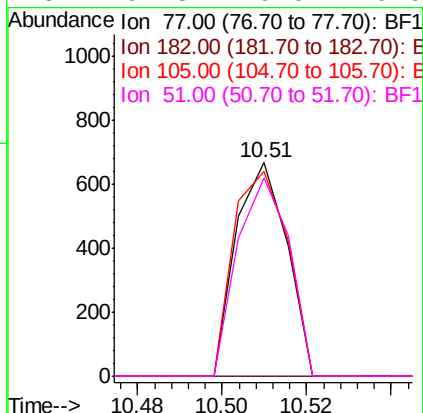
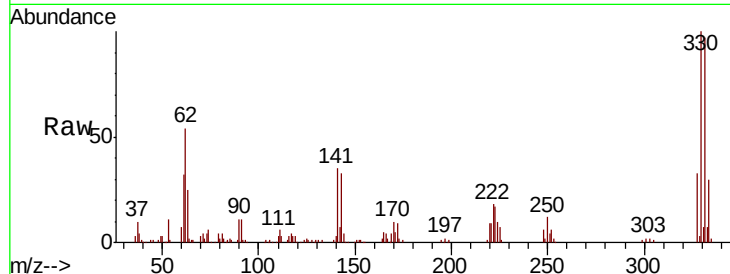




#62
Azobenzene
Concen: 0.048 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.08 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

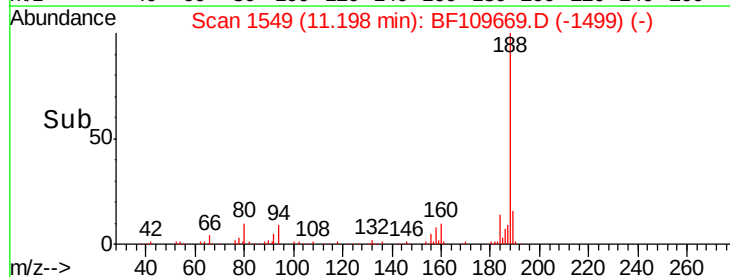
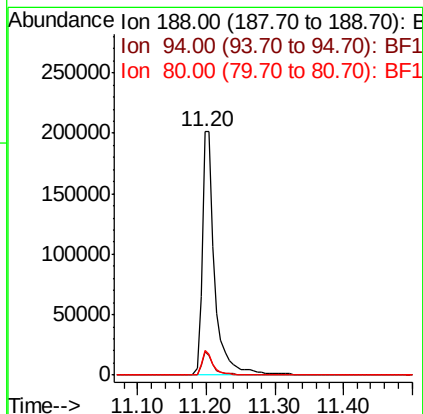
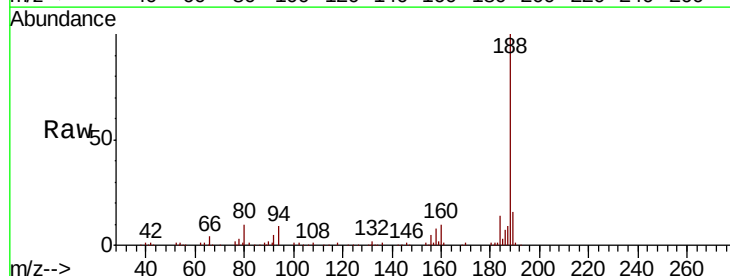
Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

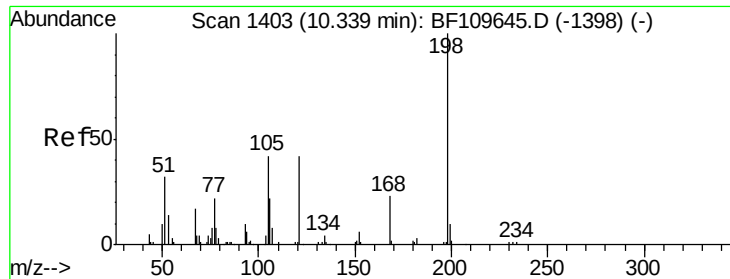
Tgt Ion:	77	Resp:	557
Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.3	44.3#
105	95.7	1.3	41.3#
51	92.8	9.0	49.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:	188	Resp:	262555
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.9	11.9

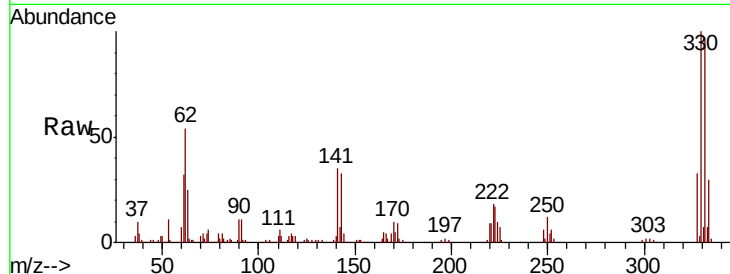




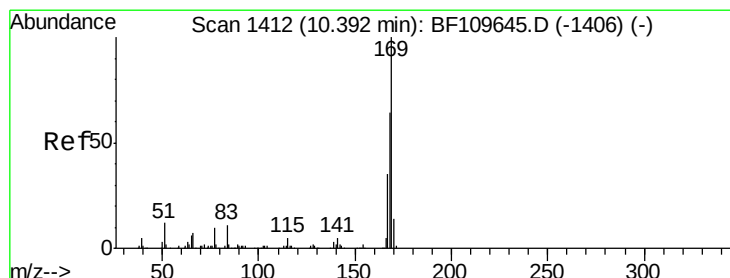
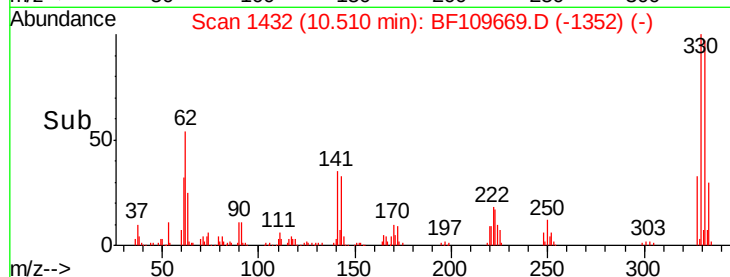
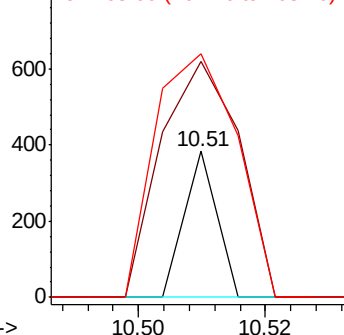
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.106 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.17 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Tgt Ion:198 Resp: 135
 Ion Ratio Lower Upper
 198 100
 51 161.5 22.8 62.8#
 105 166.4 23.6 63.6#

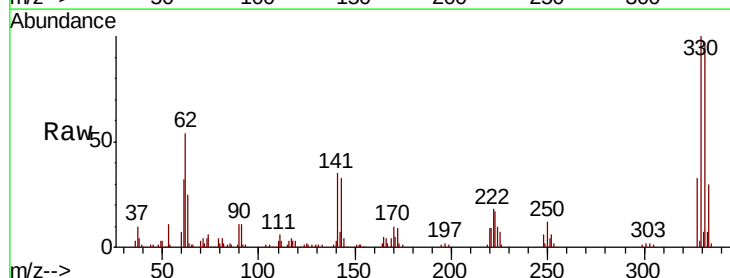


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

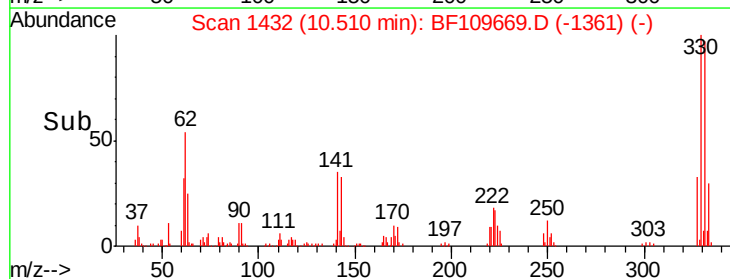
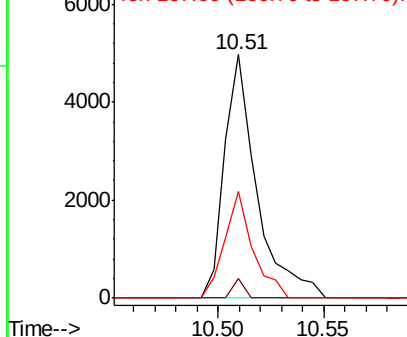


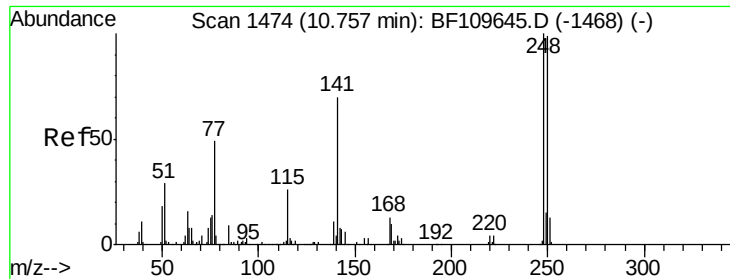
#65
 n-Nitrosodiphenylamine
 Concen: 0.594 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.12 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion:169 Resp: 5283
 Ion Ratio Lower Upper
 169 100
 168 8.1 51.2 76.8#
 167 44.0 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

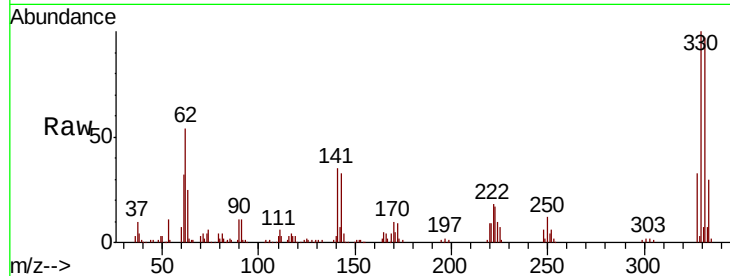




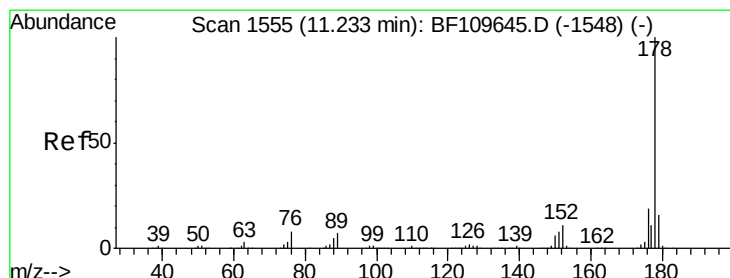
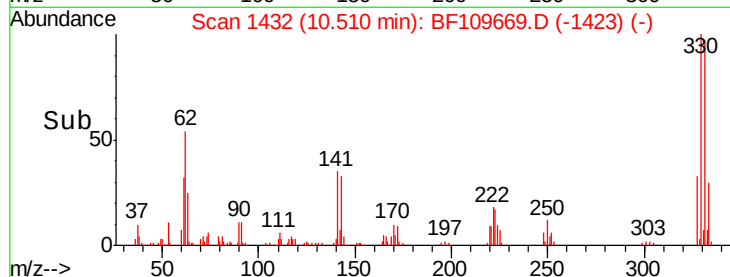
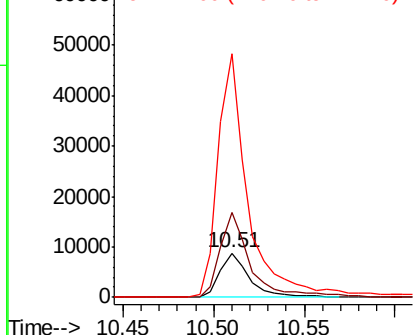
#66
 4-Bromophenyl-phenylether
 Concen: 3.307 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Tgt Ion:248 Resp: 9978
 Ion Ratio Lower Upper
 248 100
 250 191.7 79.4 119.2#
 141 546.6 55.9 83.9#

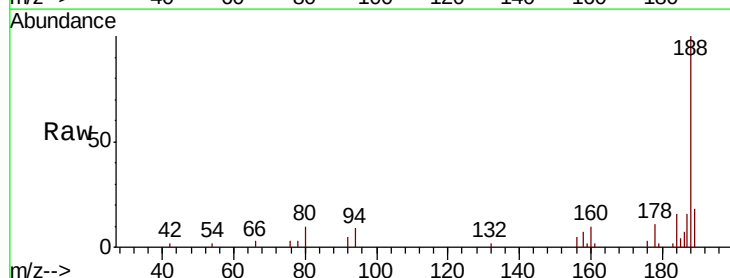


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

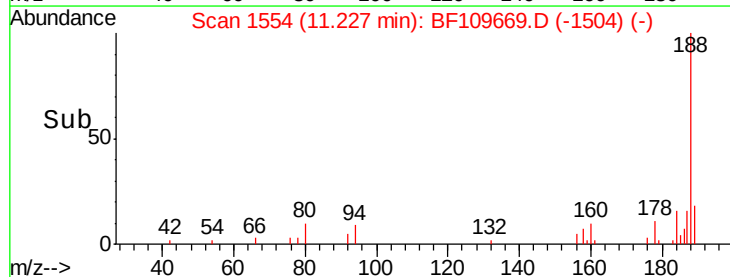
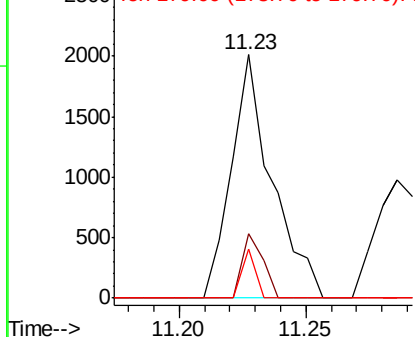


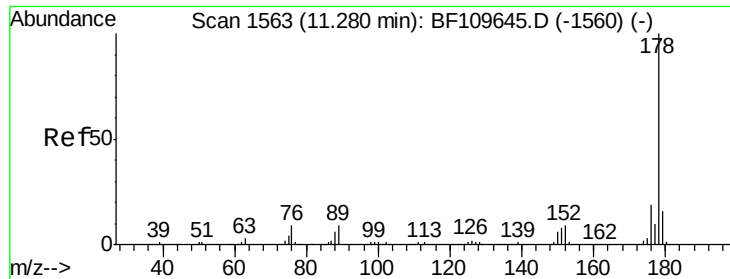
#70
 Phenanthrene
 Concen: 0.170 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion:178 Resp: 2238
 Ion Ratio Lower Upper
 178 100
 176 26.4 15.5 23.3#
 179 20.1 12.5 18.7#



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





#71

Anthracene

Concen: 0.120 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

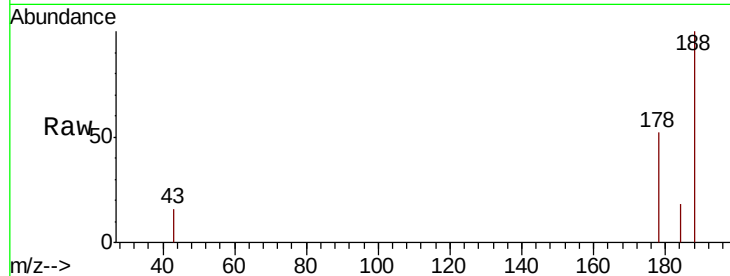
Tgt Ion:178 Resp: 1633

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

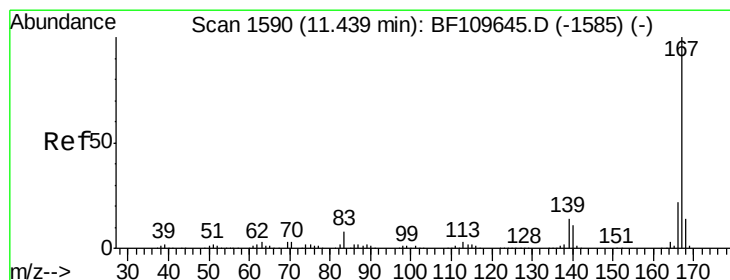
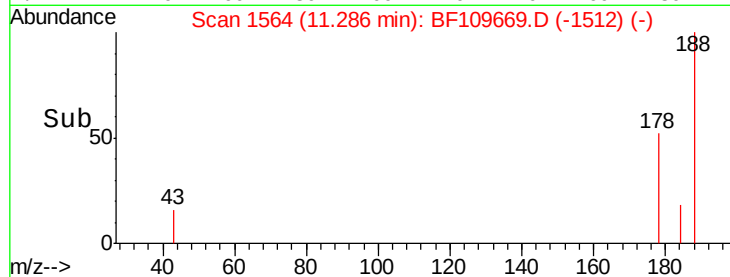
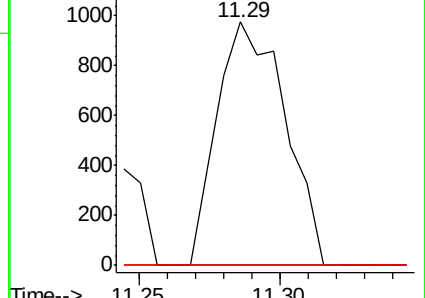
179 0.0 12.6 18.8#



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: 0.008 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.03 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

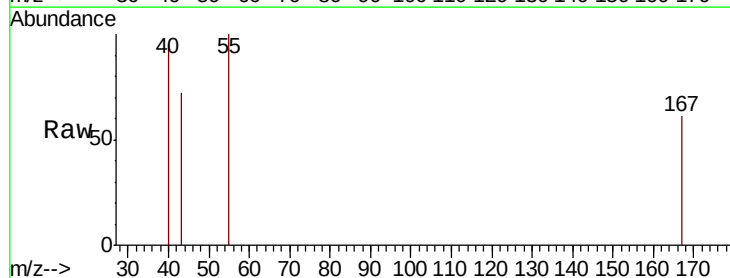
Tgt Ion:167 Resp: 108

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.0#

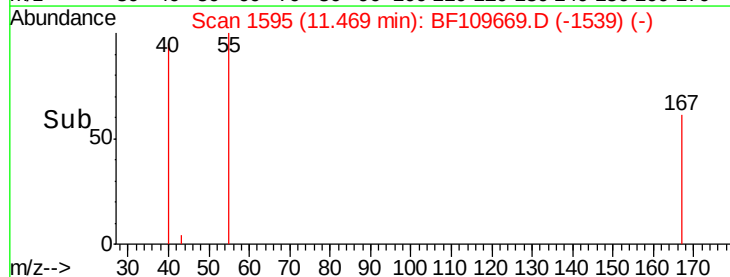
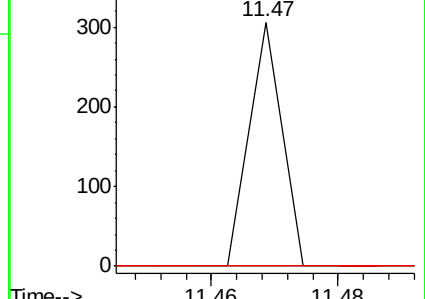
139 0.0 10.9 16.3#

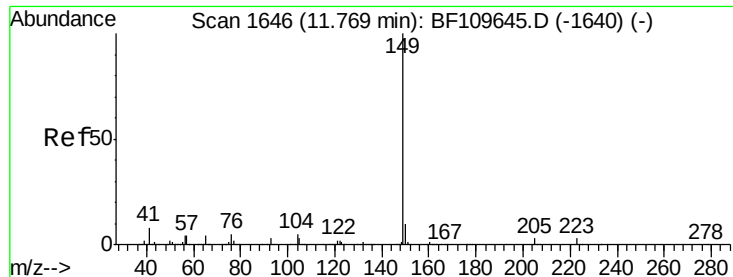


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.090 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

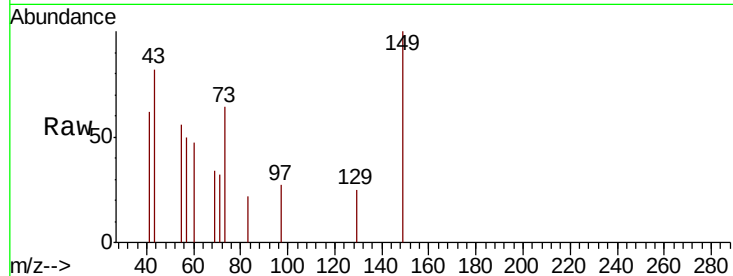
Tgt Ion:149 Resp: 1370

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

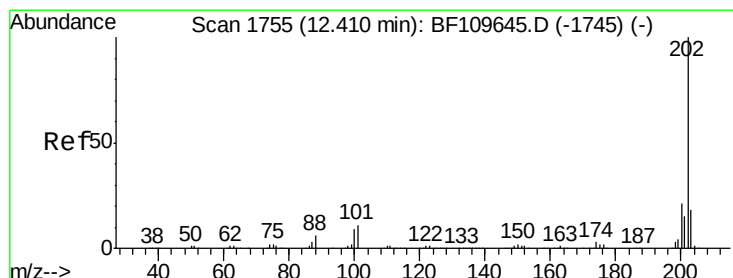
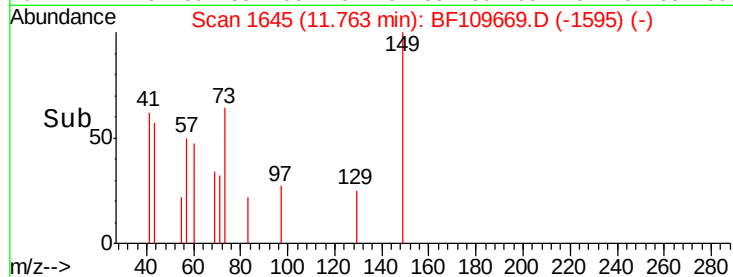
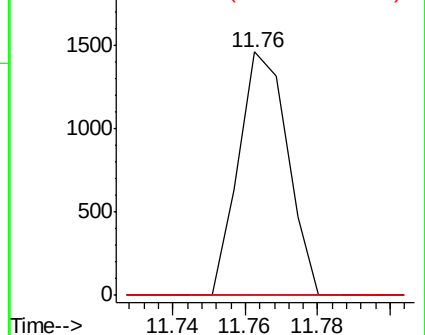
104 0.0 4.2 6.4#



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: 0.655 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

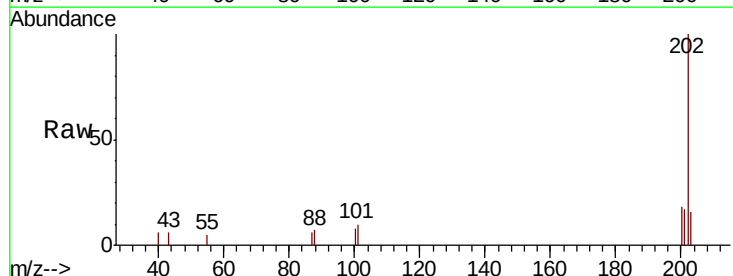
Tgt Ion:202 Resp: 8993

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

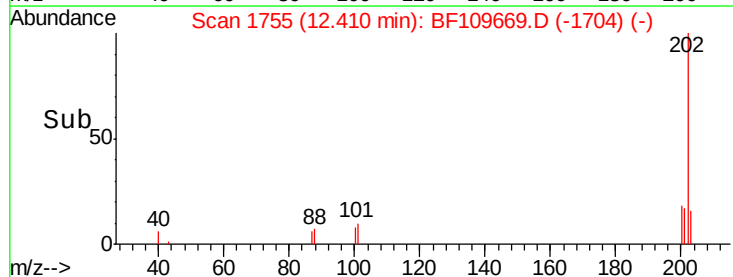
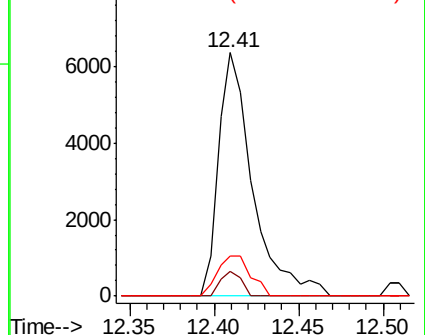
203 16.5 0.0 37.7

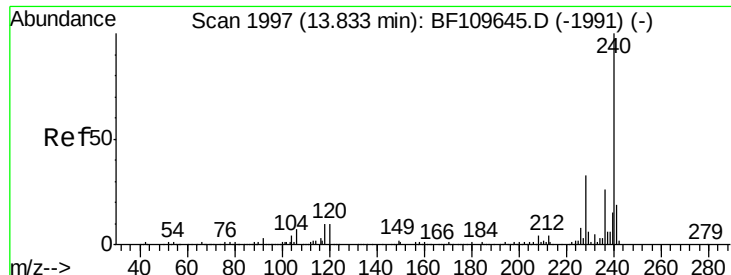


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampled :

TRACK-D-7

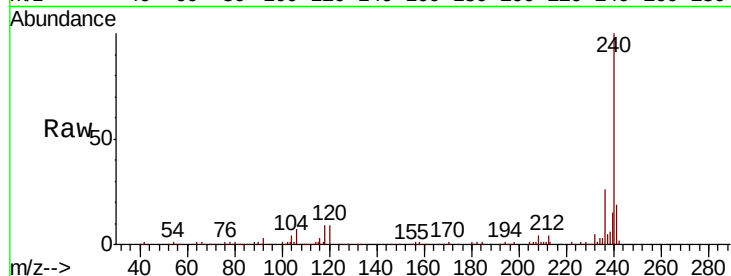
Tgt Ion:240 Resp: 219142

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

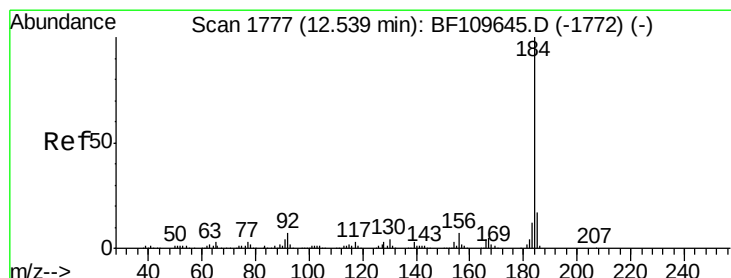
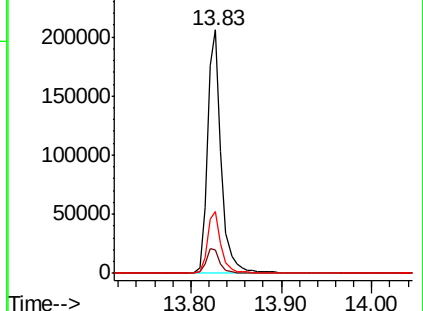
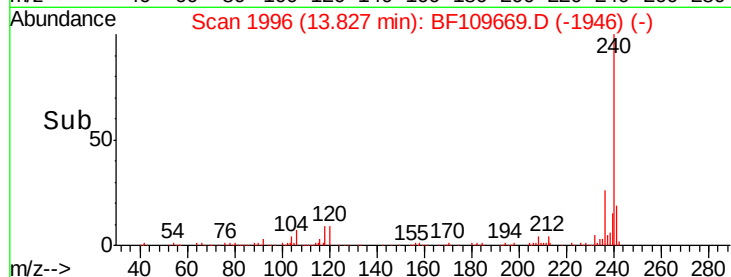
236 25.6 21.2 31.8



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: 1.013 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

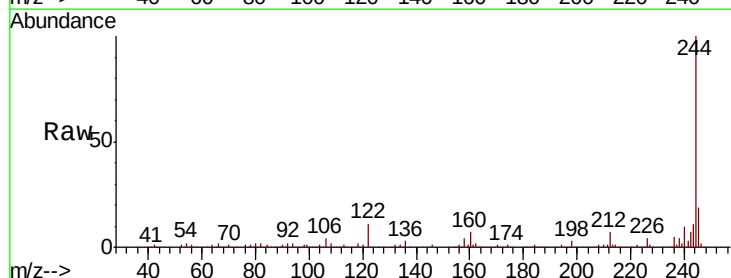
Tgt Ion:184 Resp: 8247

Ion Ratio Lower Upper

184 100

185 17.5 13.4 20.2

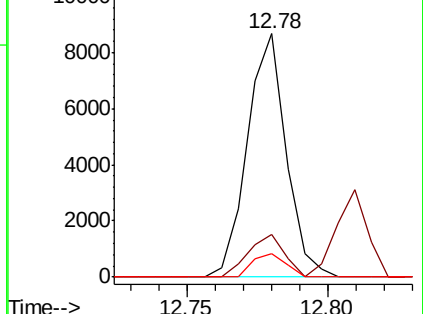
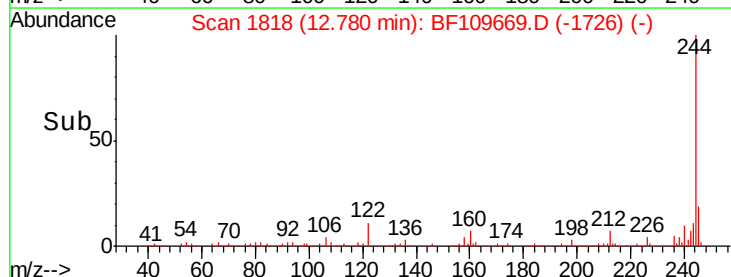
183 9.6 9.4 14.2

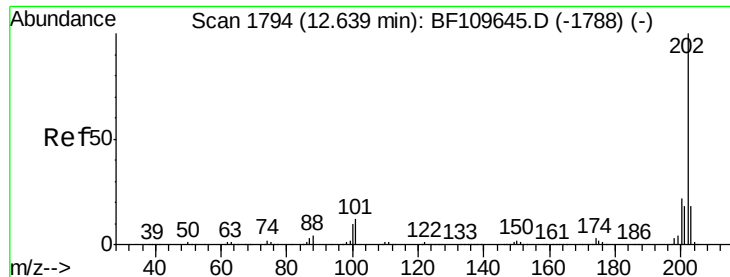


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

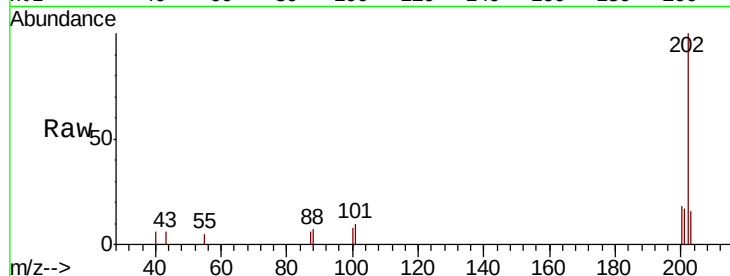




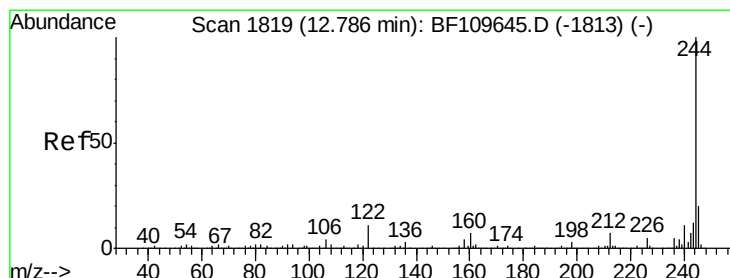
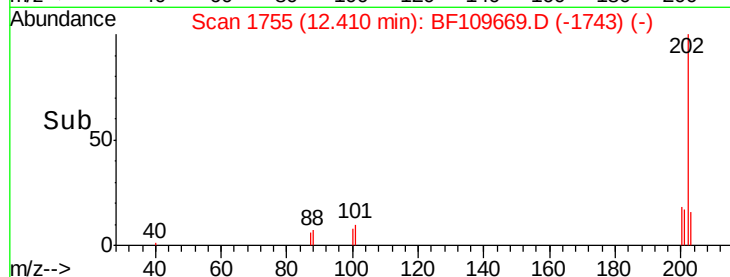
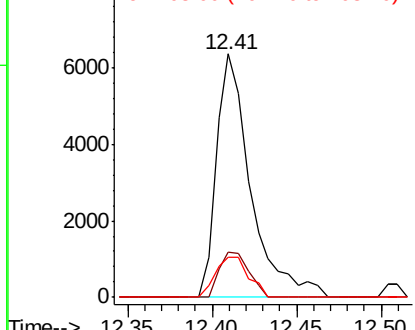
#77
 Pyrene
 Concen: 0.560 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.23 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-7

Tgt Ion: 202 Resp: 8993
 Ion Ratio Lower Upper
 202 100
 200 18.4 17.8 26.6
 203 16.5 14.2 21.4

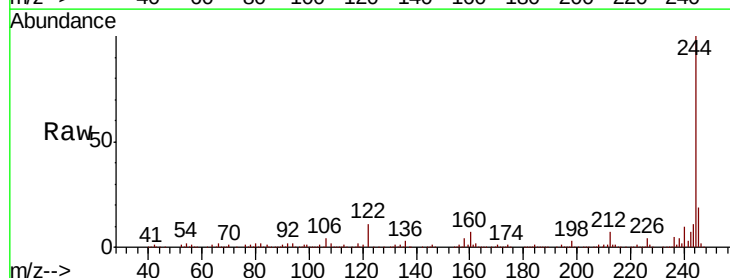


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

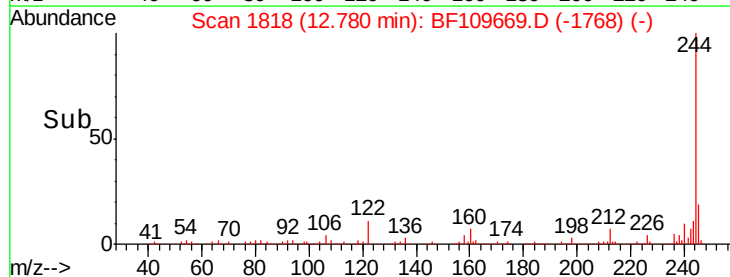
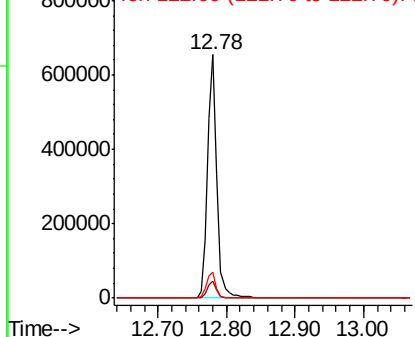


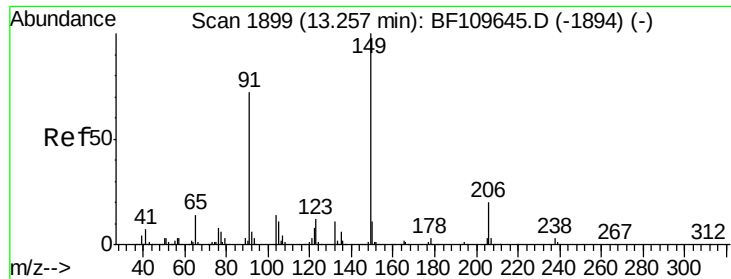
#78
 Terphenyl-d14
 Concen: 56.106 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109669.D
 Acq: 9 Oct 2018 1:13

Tgt Ion: 244 Resp: 635140
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.9 8.7 13.1



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

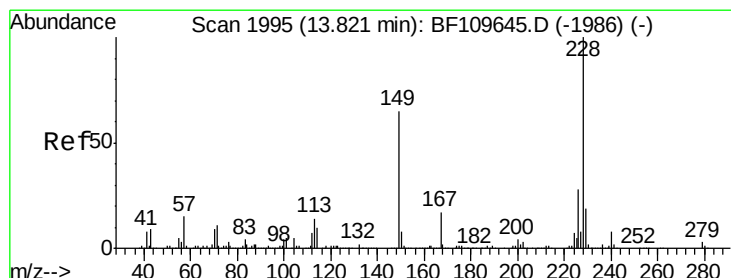
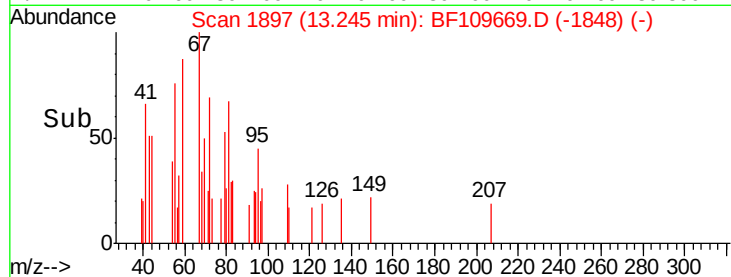
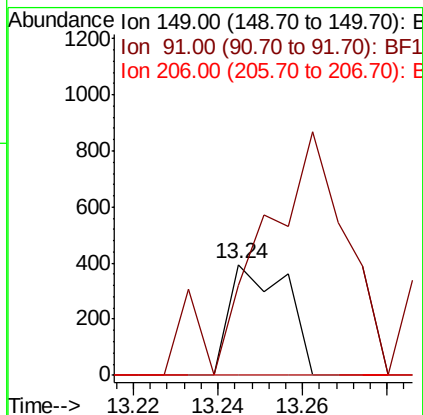
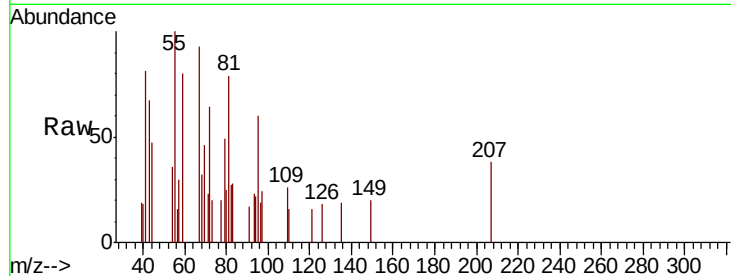




#79
Butylbenzylphthalate
Concen: 0.054 ng
RT: 13.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

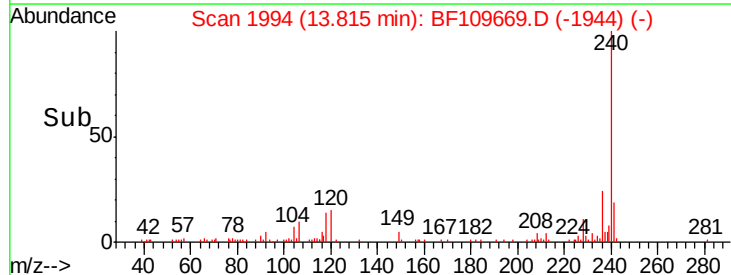
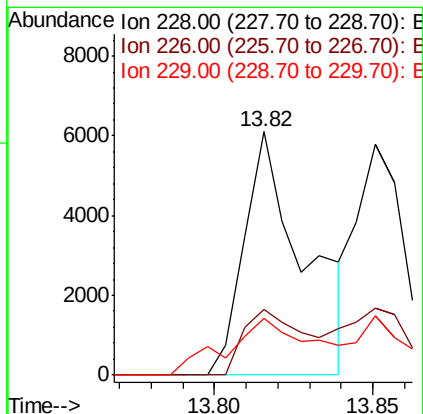
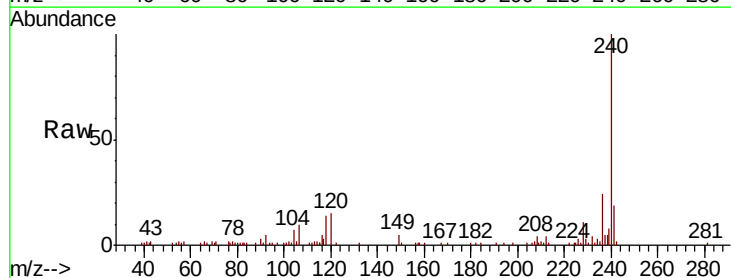
Instrument :
BNA_F
ClientSampled :
TRACK-D-7

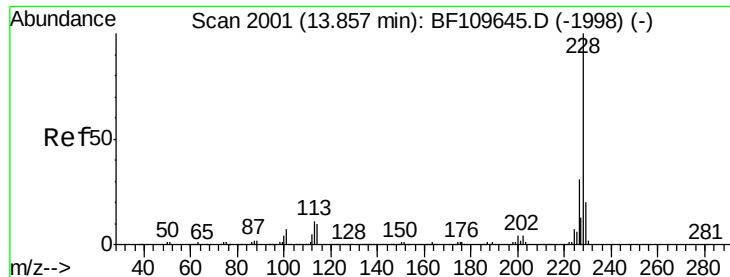
Tgt Ion:149 Resp: 373
Ion Ratio Lower Upper
149 100
91 81.8 57.2 85.8
206 0.0 15.7 23.5#



#80
Benzo(a)anthracene
Concen: 0.659 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:228 Resp: 7973
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 23.4 15.6 23.4#





#82

Chrysene

Concen: 0.628 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

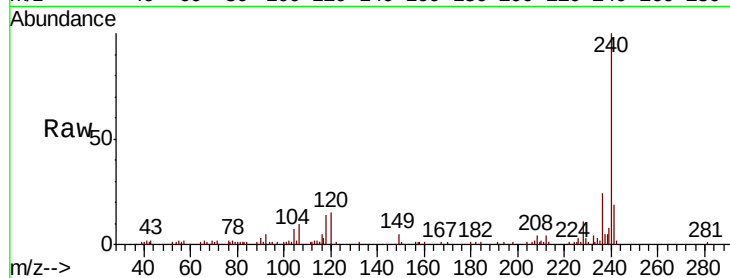
Tgt Ion:228 Resp: 7973

Ion Ratio Lower Upper

228 100

226 27.2 24.7 37.1

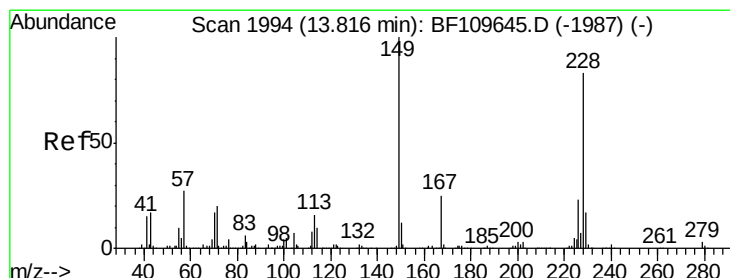
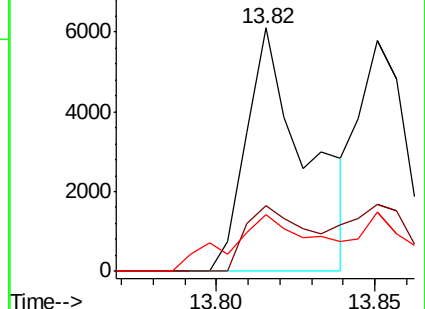
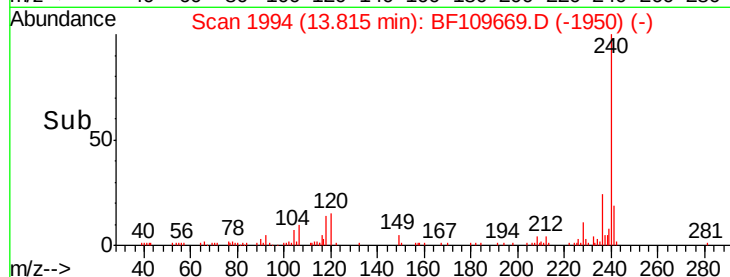
229 23.4 15.9 23.9



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: 0.343 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

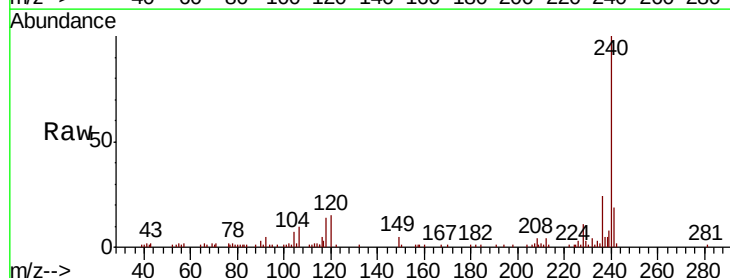
Tgt Ion:149 Resp: 2909

Ion Ratio Lower Upper

149 100

167 24.8 19.8 29.8

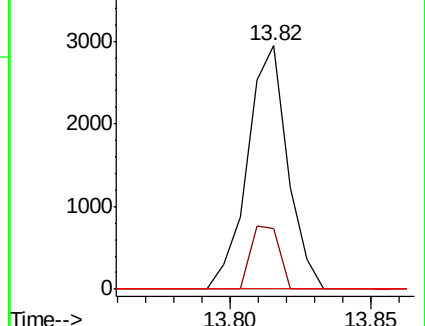
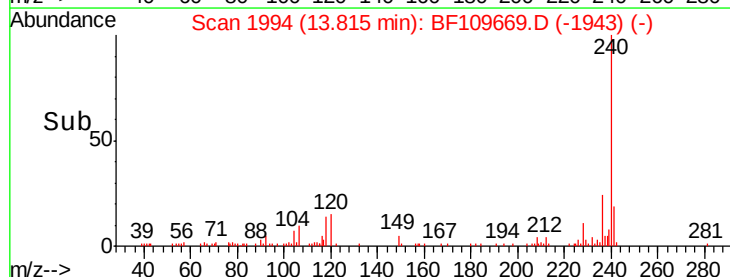
279 0.0 2.7 4.1#

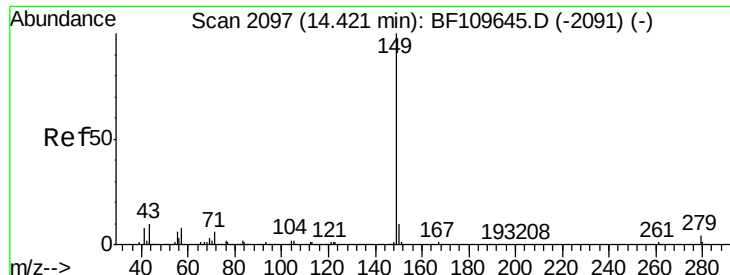


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.061 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

Instrument :

BNA_F

ClientSampleId :

TRACK-D-7

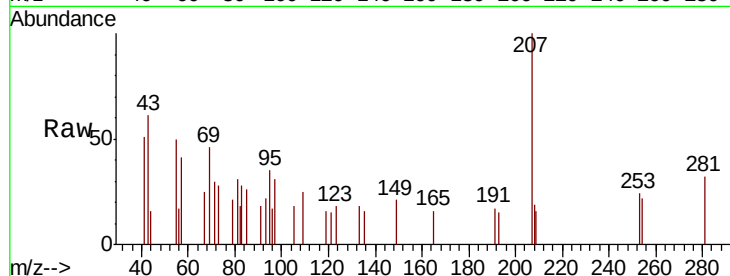
Tgt Ion:149 Resp: 819

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

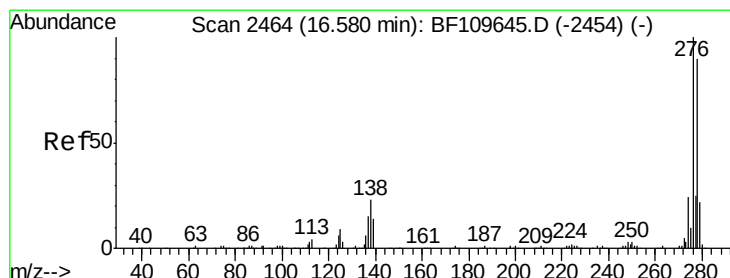
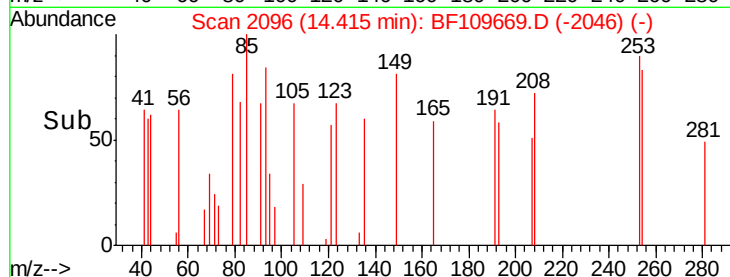
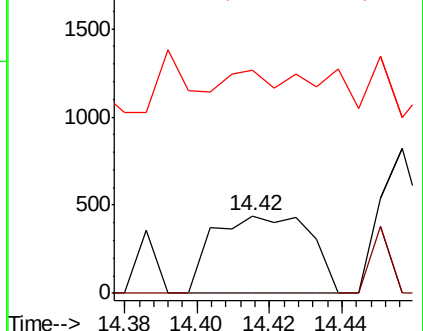
43 0.0 7.8 11.8#



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: 0.356 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BF109669.D

Acq: 9 Oct 2018 1:13

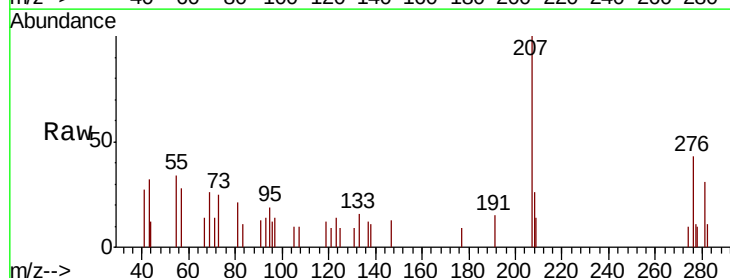
Tgt Ion:276 Resp: 3237

Ion Ratio Lower Upper

276 100

138 15.8 18.5 27.7#

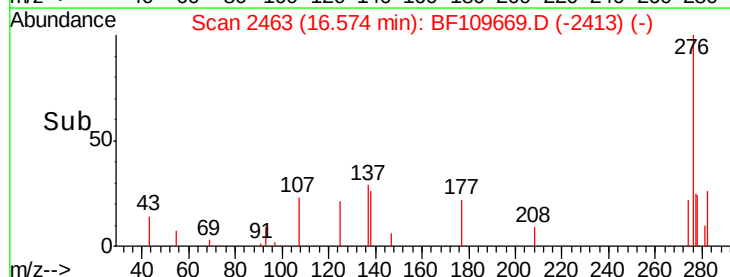
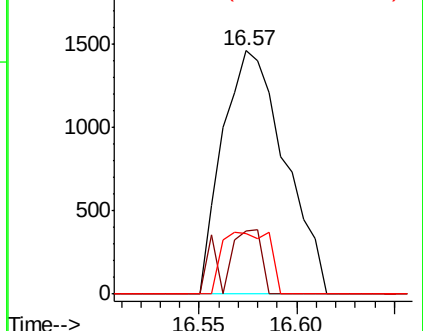
277 19.2 20.0 30.0#

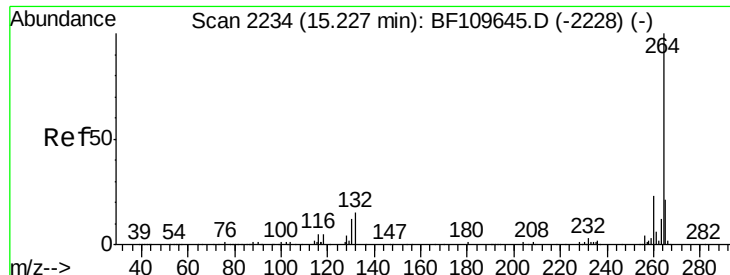


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

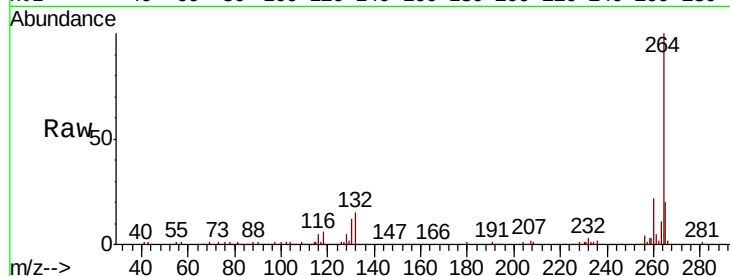




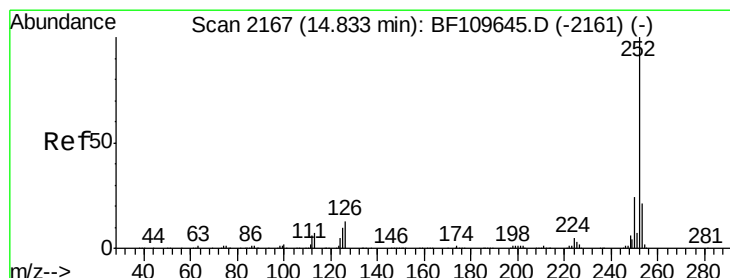
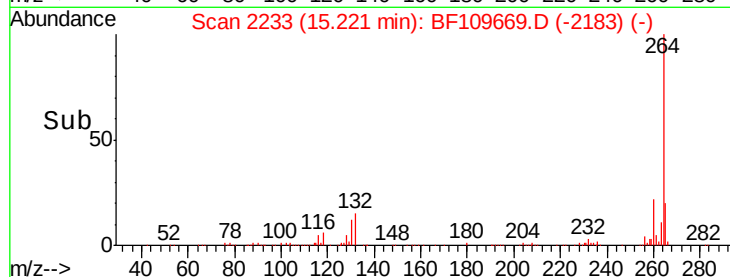
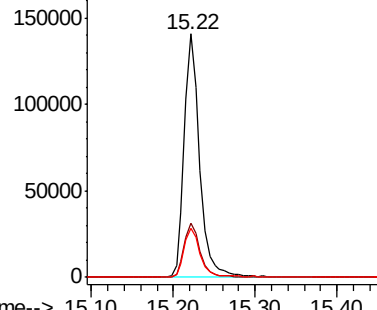
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 264 Resp: 186769
Ion Ratio Lower Upper
264 100
260 22.1 18.7 28.1
265 20.3 16.7 25.1

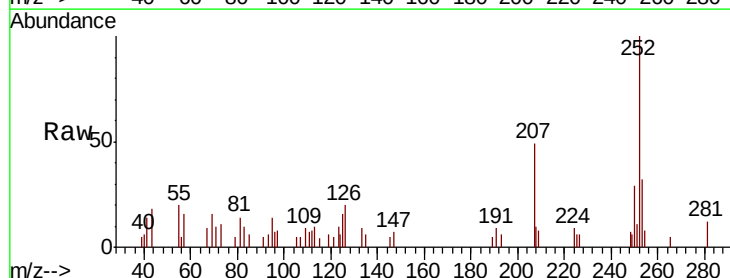


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

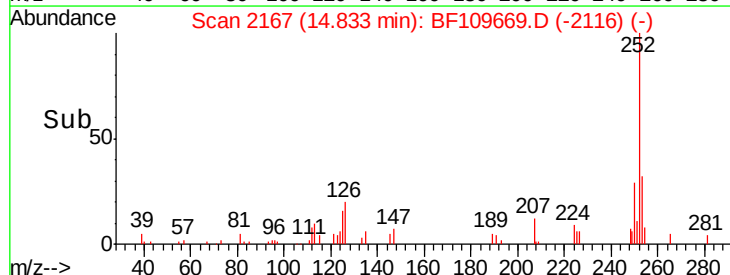
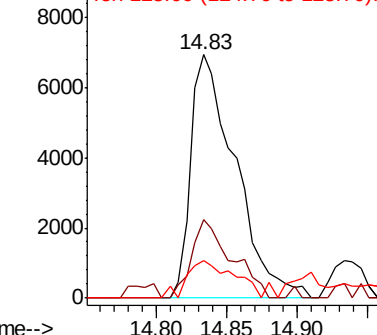


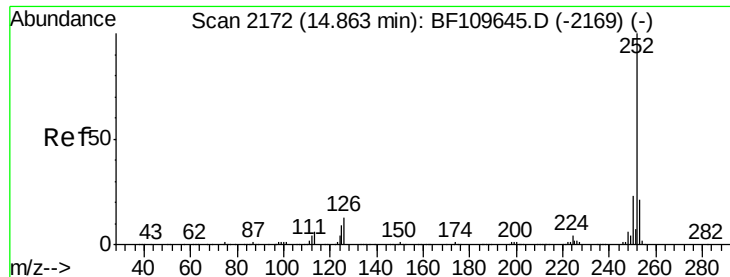
#87
Benzo(b)fluoranthene
Concen: 1.481 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 252 Resp: 15289
Ion Ratio Lower Upper
252 100
253 32.4 17.2 25.8#
125 15.6 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

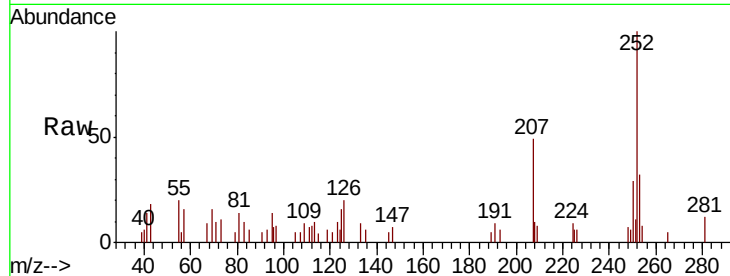




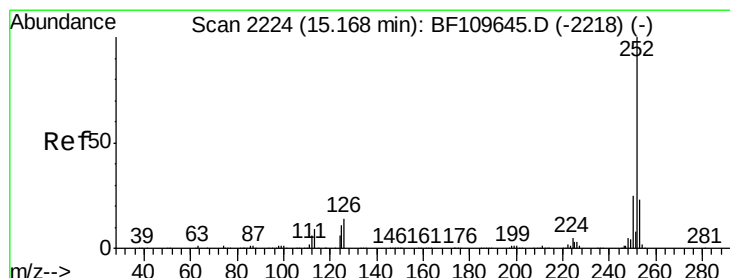
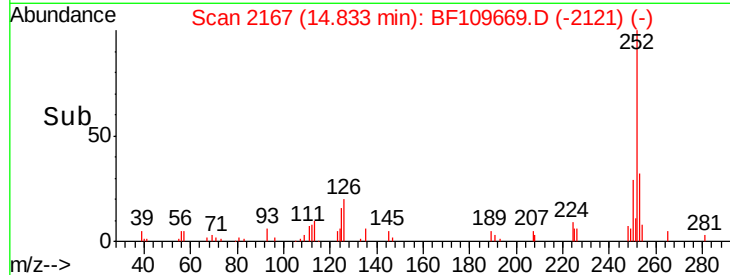
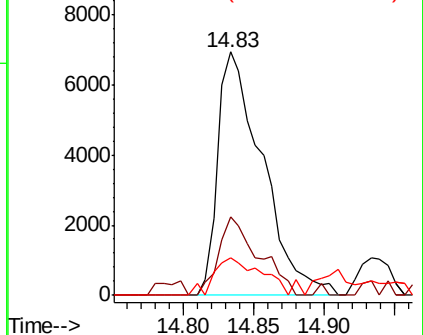
#88
Benzo(k)fluoranthene
Concen: 1.474 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:252 Resp: 15289
Ion Ratio Lower Upper
252 100
253 32.4 17.2 25.8#
125 15.6 7.4 11.0#

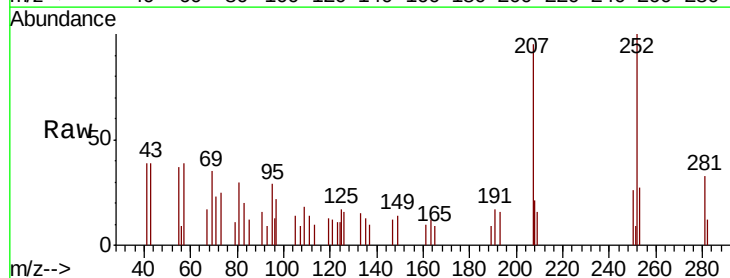


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

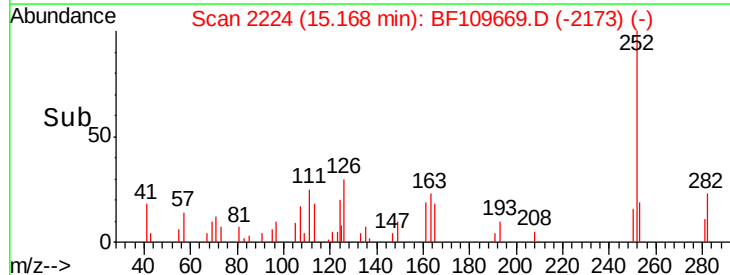
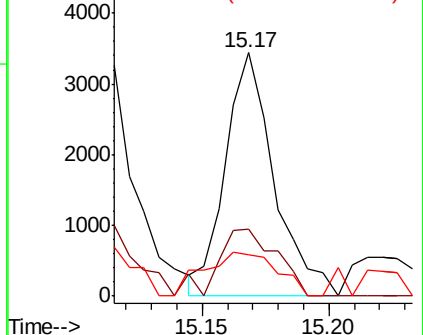


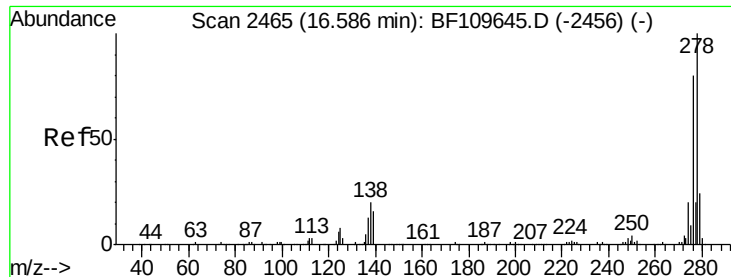
#89
Benzo(a)pyrene
Concen: 0.492 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:252 Resp: 4612
Ion Ratio Lower Upper
252 100
253 27.4 18.2 27.4#
125 17.2 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



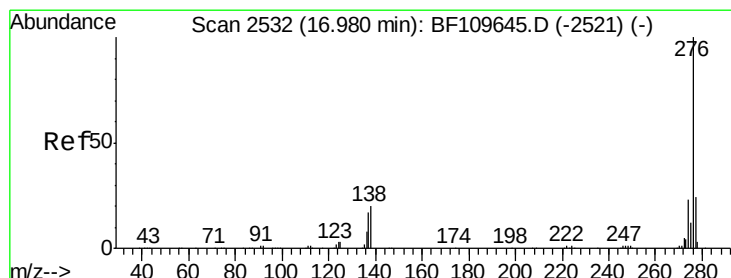
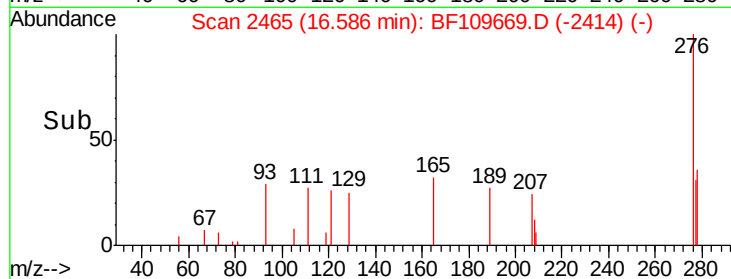
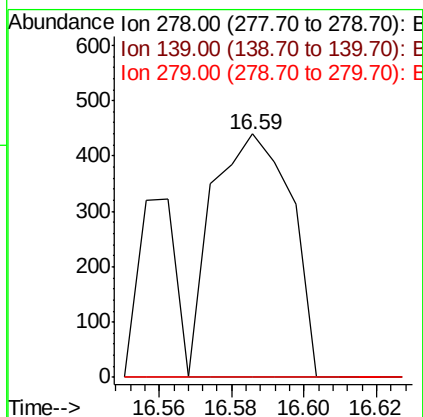
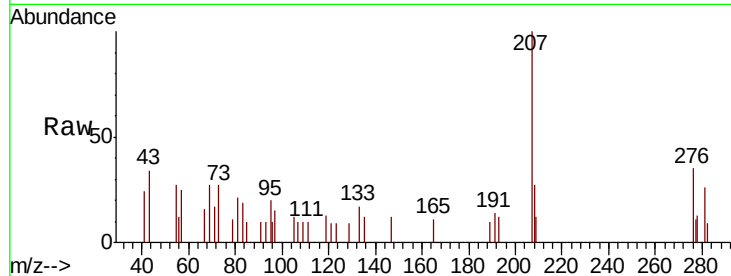


#90
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 278 Resp: 663

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	0.0	19.0	28.4#



#91
Benzo(g,h,i)perylene
Concen: 0.364 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 276 Resp: 2793

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	0.0	16.0	24.0#

