

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109668.D
 Acq On : 9 Oct 2018 00:45
 Operator : JU/SJ
 Sample : J5287-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Quant Time: Oct 09 04:07:41 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	99588	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	386897	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	156981	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	252086	20.00	ng	0.00
75) Chrysene-d12	13.82	240	210050	20.00	ng	-0.01
86) Perylene-d12	15.22	264	180049	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	783819	139.71	ng	0.00
7) Phenol-d6	6.35	99	1063810	141.94	ng	0.00
23) Nitrobenzene-d5	7.26	82	668157	95.20	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	205884	120.37	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1070326	93.90	ng	0.00
78) Terphenyl-d14	12.78	244	778402	71.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	307	0.104	ng	# 23
6) Aniline	6.36	93	679	0.078	ng	# 1
9) Benzaldehyde	6.36	77	1688	0.350	ng	# 1
10) Phenol	6.36	94	52384	6.095	ng	# 87
11) bis(2-Chloroethyl)ether	6.47	93	1206	0.169	ng	# 1
15) Benzyl Alcohol	6.85	79	10456	1.882	ng	# 56
18) Hexachloroethane	7.07	117	110	0.036	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	89491	17.026	ng	# 78
24) Nitrobenzene	7.26	77	1623	0.222	ng	# 35
25) Isophorone	7.26	82	668157	57.328	ng	# 67
31) Naphthalene	8.00	128	470	0.026	ng	# 68
45) 1,1'-Biphenyl	9.16	154	1372	0.098	ng	# 86
46) 2-Chloronaphthalene	9.44	162	193	0.018	ng	# 1
47) 2-Nitroaniline	9.44	65	700	0.220	ng	# 1
48) Acenaphthylene	9.59	152	715	0.047	ng	# 61
49) Dimethylphthalate	9.45	163	106234	9.227	ng	# 99
50) 2,6-Dinitrotoluene	9.45	165	861	0.345	ng	# 19
51) Acenaphthene	9.72	154	329	0.036	ng	# 4
56) 2,4-Dinitrotoluene	9.72	165	19334	6.208	ng	# 18
57) Fluorene	10.51	166	8478	0.834	ng	# 93
59) Diethylphthalate	10.14	149	228	0.020	ng	# 59
62) Azobenzene	10.39	77	475	0.041	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.51	198	248	0.202	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	6417	0.751	ng	# 49
66) 4-Bromophenyl-phenylether	10.51	248	12122	4.185	ng	# 1
70) Phenanthrene	11.22	178	1996	0.158	ng	# 79
71) Anthracene	11.29	178	1113	0.085	ng	# 60
73) Di-n-butylphthalate	11.76	149	802	0.055	ng	# 77
74) Fluoranthene	12.41	202	7038	0.534	ng	# 97
76) Benzidine	12.78	184	10474	1.342	ng	# 94
77) Pyrene	12.41	202	7038	0.457	ng	# 98
79) Butylbenzylphthalate	13.25	149	108	0.016	ng	# 30
80) Benzo(a)anthracene	13.82	228	6539	0.564	ng	# 90
82) Chrysene	13.85	228	5070	0.416	ng	# 89

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Response via : Initial Calibration

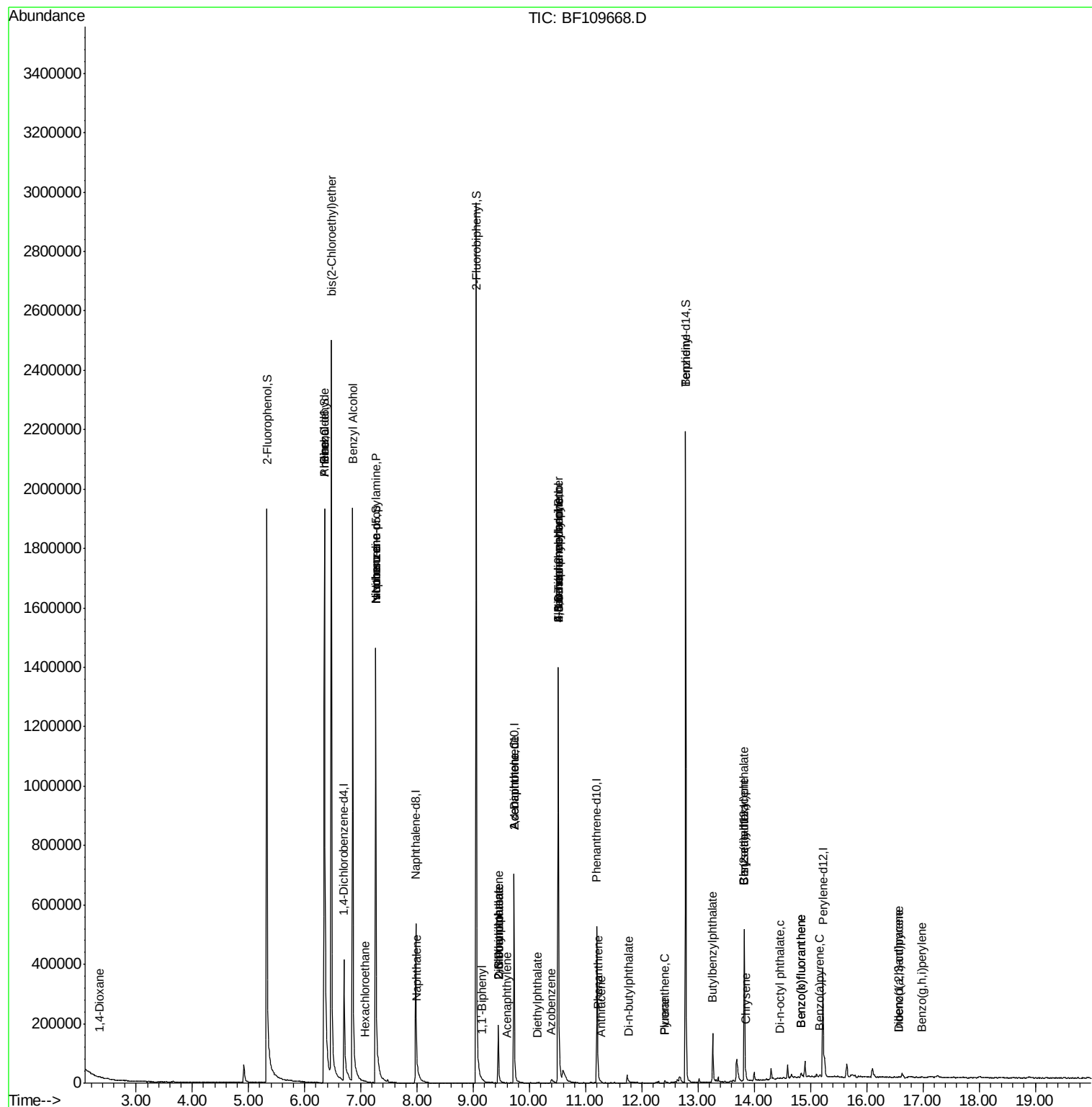
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	13.82	149	812	0.100	ng	# 55
84) Di-n-octyl phthalate	14.44	149	113	0.009	ng	# 76
85) Indeno(1,2,3-cd)pyrene	16.57	276	2752	0.316	ng	# 84
87) Benzo(b)fluoranthene	14.83	252	11694	1.175	ng	# 89
88) Benzo(k)fluoranthene	14.83	252	11694	1.170	ng	# 88
89) Benzo(a)pyrene	15.17	252	3808	0.422	ng	# 89
90) Dibenzo(a,h)anthracene	16.57	278	117	0.016	ng	# 56
91) Benzo(g,h,i)perylene	16.97	276	2320	0.313	ng	# 86

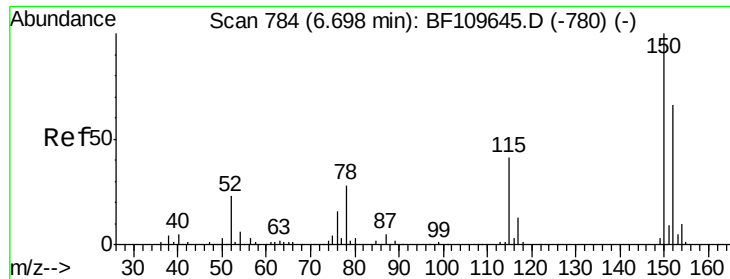
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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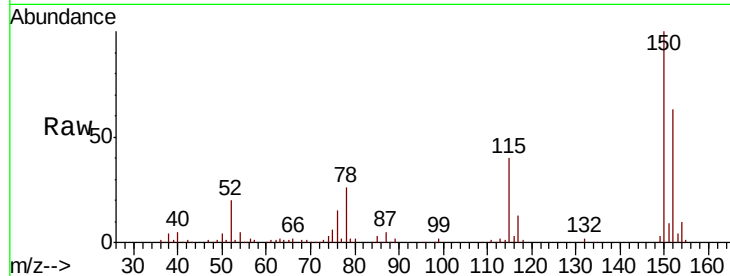


#1

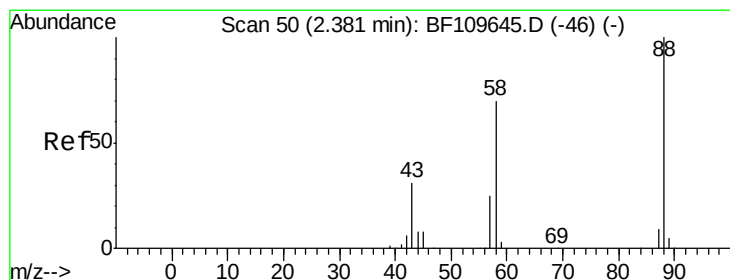
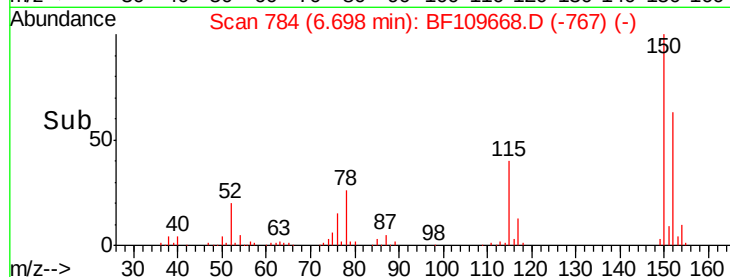
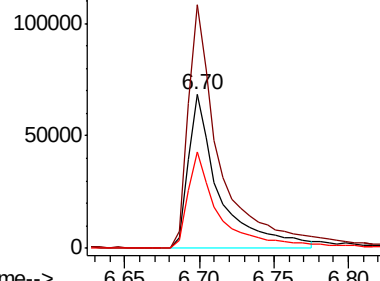
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion:152 Resp: 99588
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 62.7 49.1 73.7



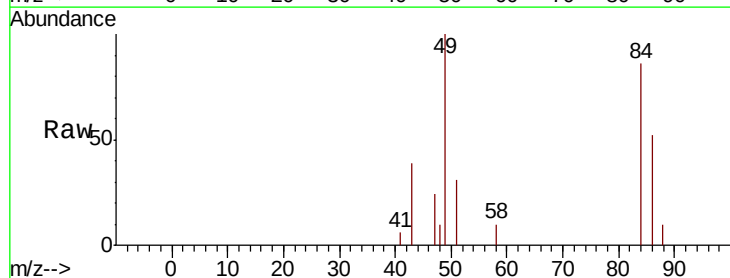
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



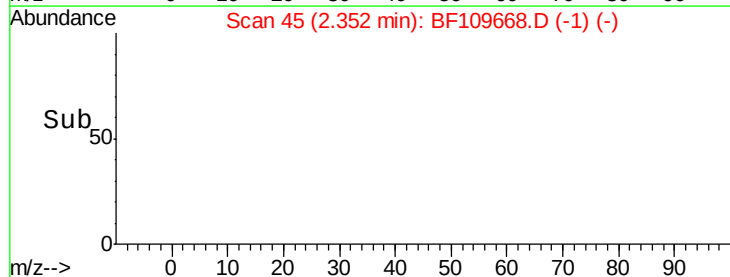
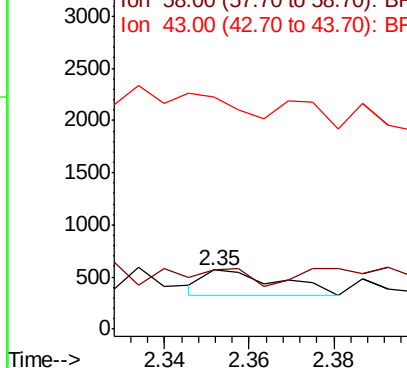
#2

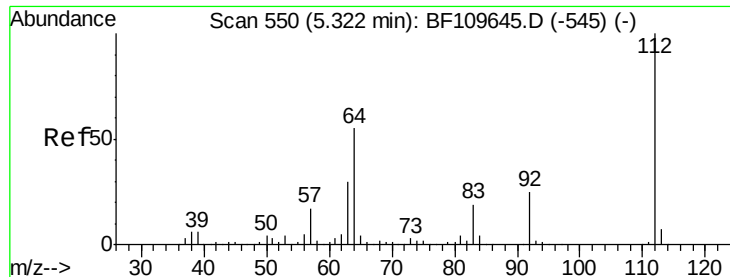
1,4-Dioxane
Concen: 0.104 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.03 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion: 88 Resp: 307
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: 139.706 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

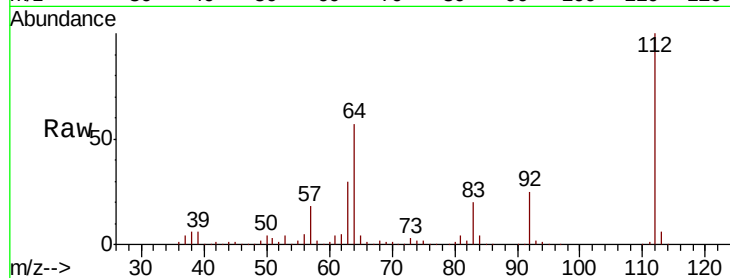
Tgt Ion: 112 Resp: 783819

Ion Ratio Lower Upper

112 100

64 57.3 44.1 66.1

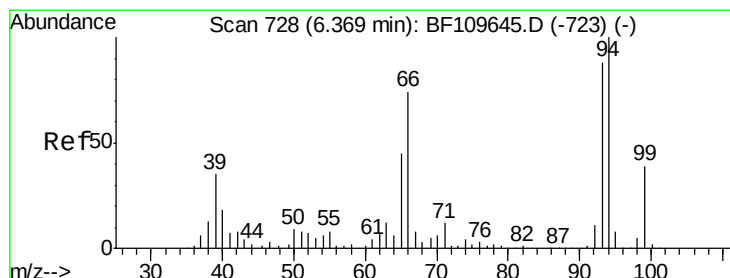
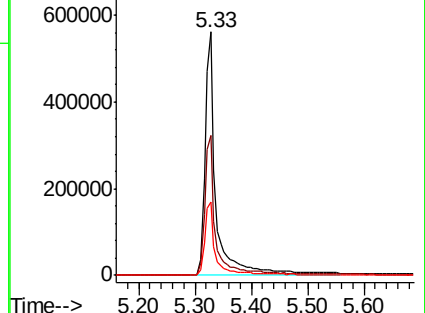
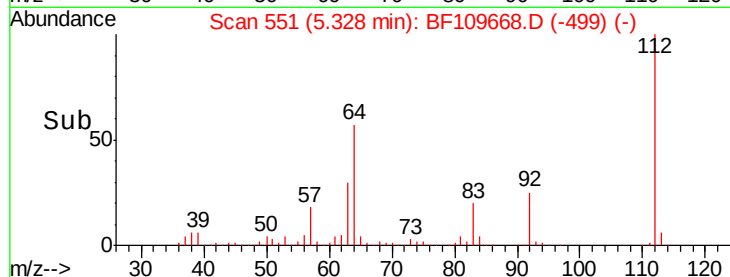
63 30.2 23.7 35.5



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: 0.078 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

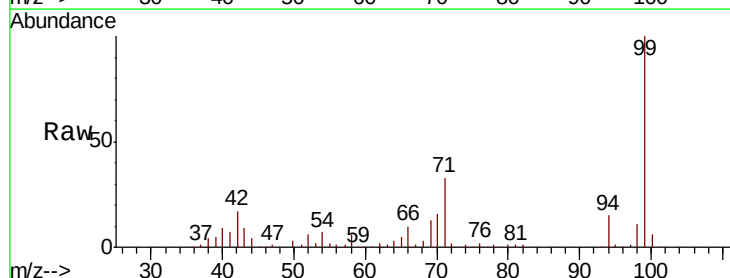
Tgt Ion: 93 Resp: 679

Ion Ratio Lower Upper

93 100

66 2655.7 67.4 101.0#

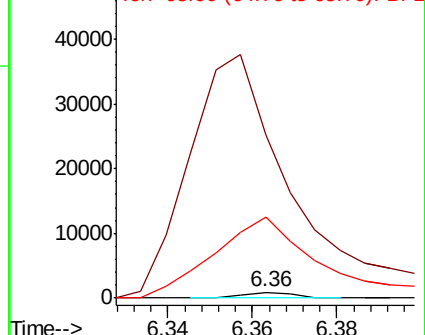
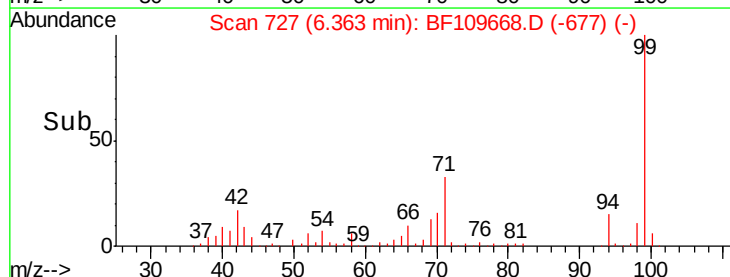
65 1323.7 41.0 61.4#

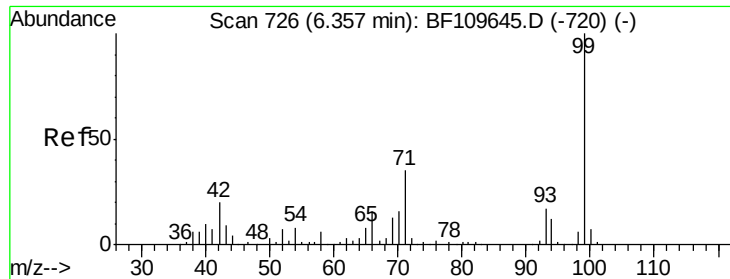


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 141.936 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

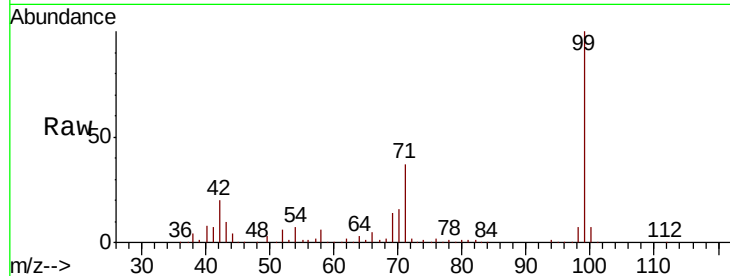
Tgt Ion: 99 Resp: 1063810

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

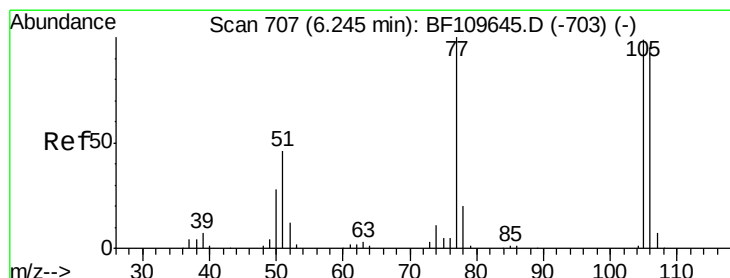
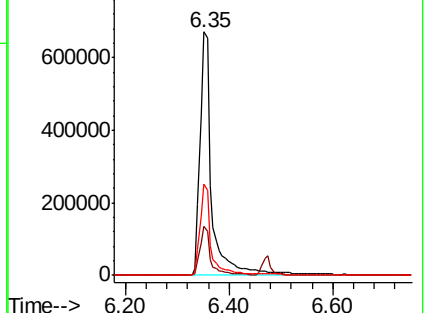
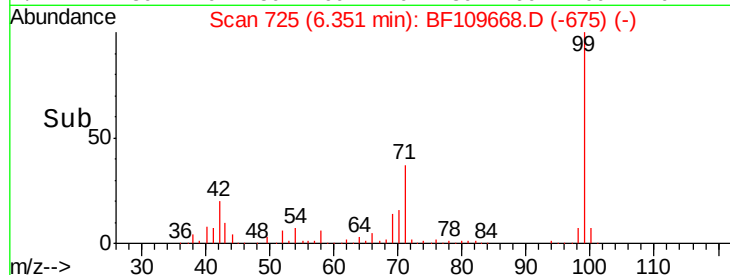
71 37.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.350 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.11 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

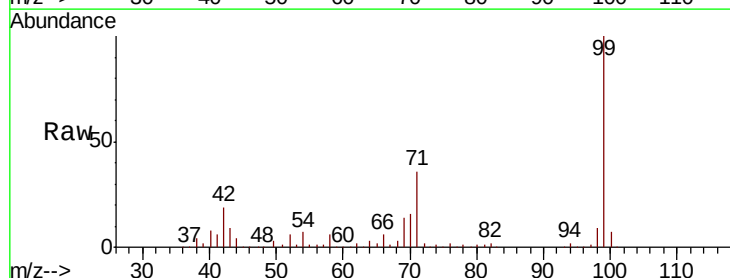
Tgt Ion: 77 Resp: 1688

Ion Ratio Lower Upper

77 100

105 0.0 78.6 118.6#

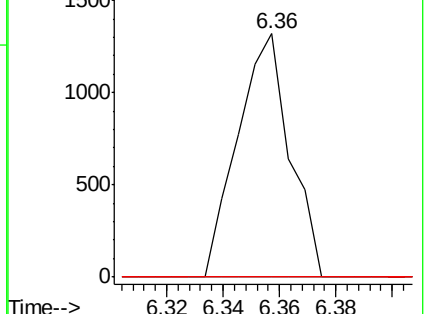
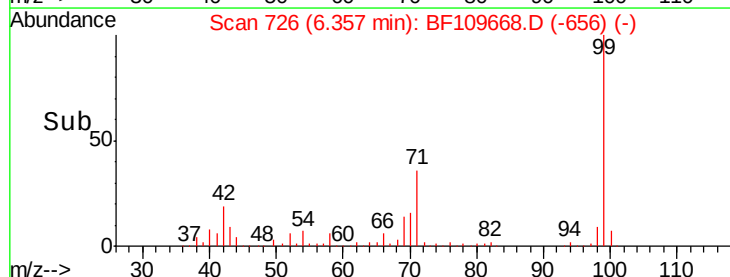
106 0.0 74.8 114.8#

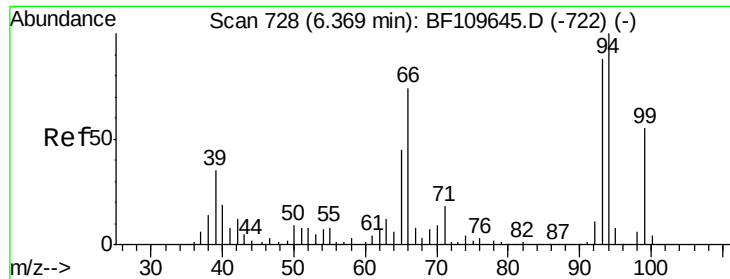


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.095 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

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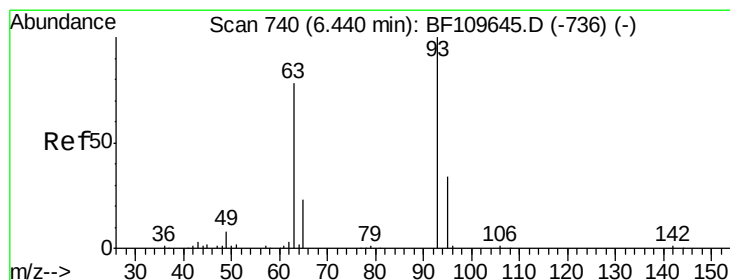
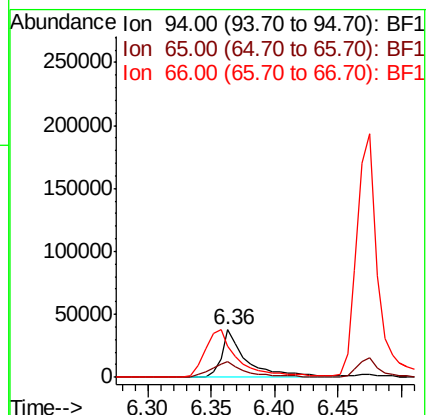
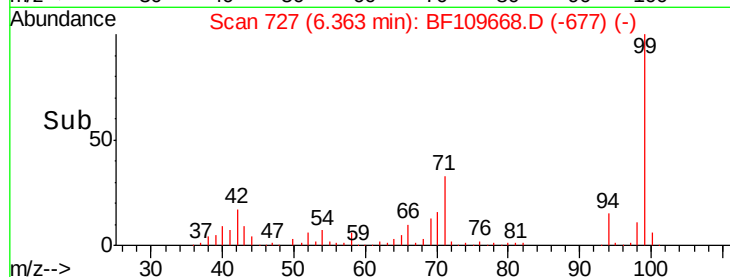
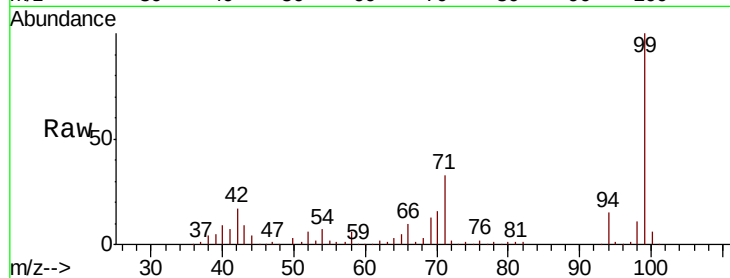
Tgt Ion: 94 Resp: 52384

Ion Ratio Lower Upper

94 100

65 33.3 25.3 65.3

66 66.8 54.5 94.5



#11

bis(2-Chloroethyl)ether

Concen: 0.169 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

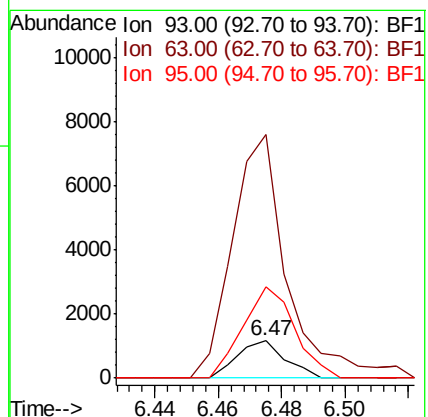
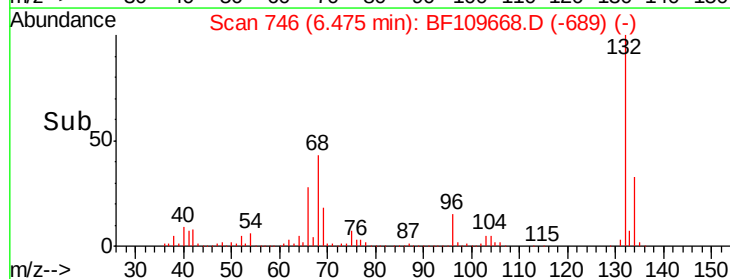
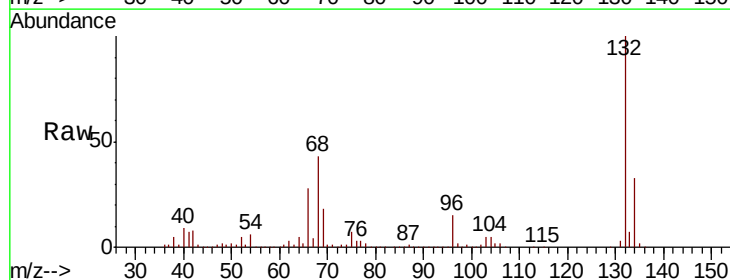
Tgt Ion: 93 Resp: 1206

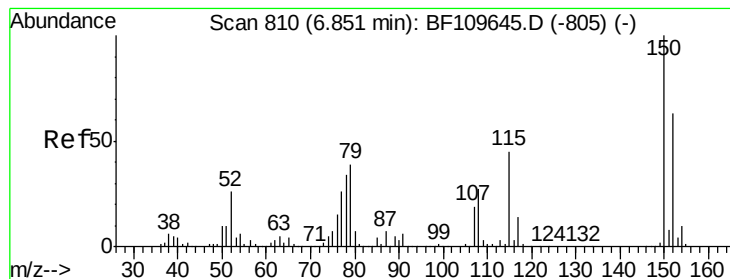
Ion Ratio Lower Upper

93 100

63 659.1 53.4 93.4#

95 248.1 12.1 52.1#





#15

Benzyl Alcohol

Concen: 1.882 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

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ClientSampleId :

TRACK-D-5

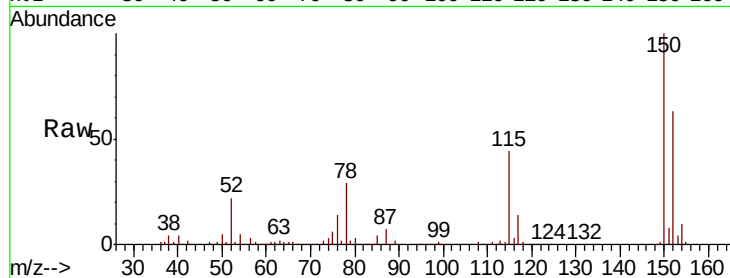
Tgt Ion: 79 Resp: 10456

Ion Ratio Lower Upper

79 100

108 30.4 56.3 84.5#

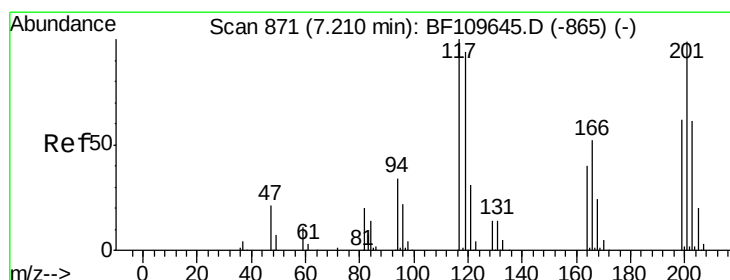
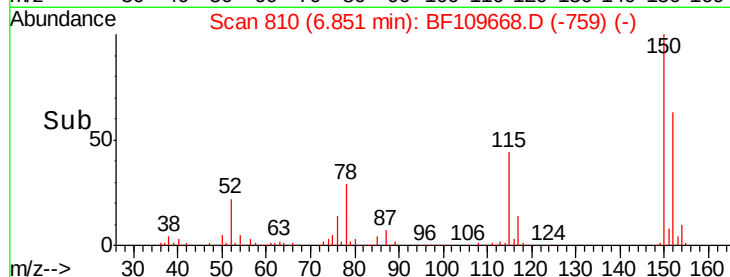
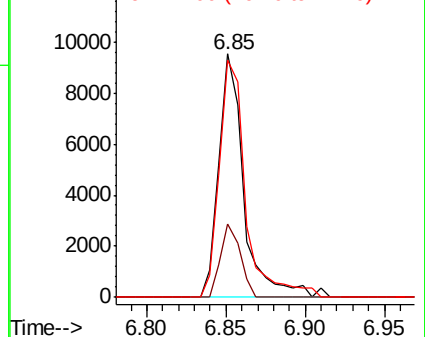
77 97.7 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 0.036 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.14 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

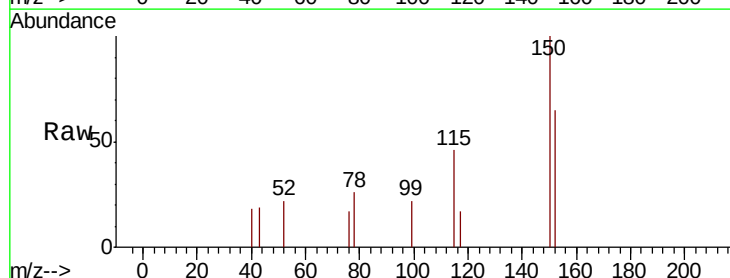
Tgt Ion: 117 Resp: 110

Ion Ratio Lower Upper

117 100

119 0.0 75.0 112.6#

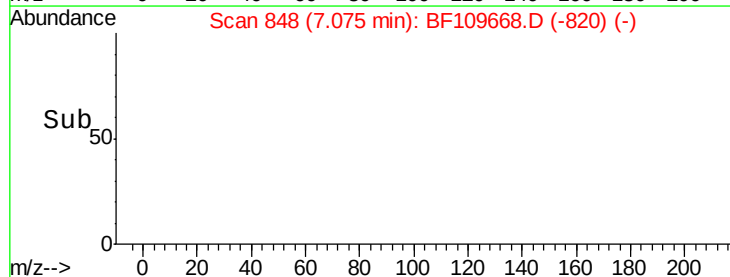
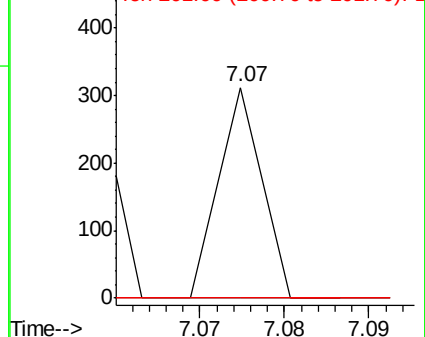
201 0.0 79.2 118.8#

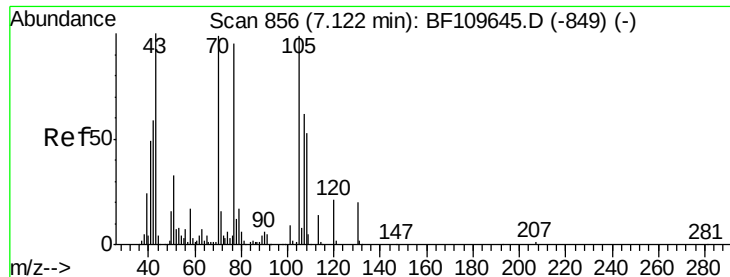


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

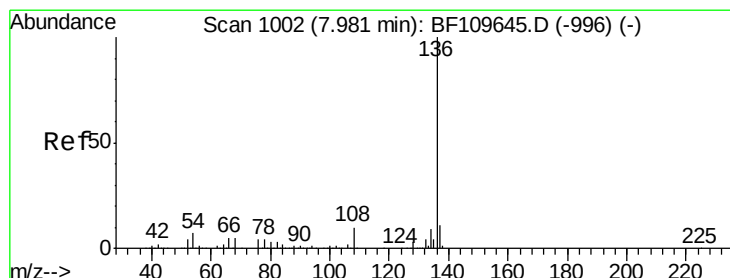
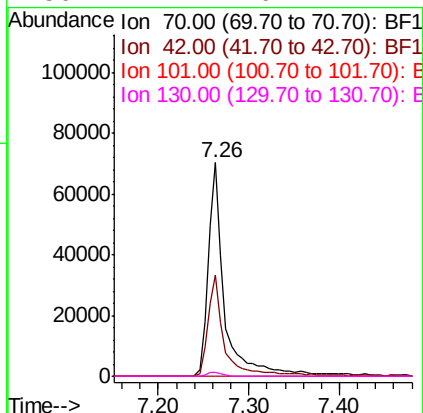
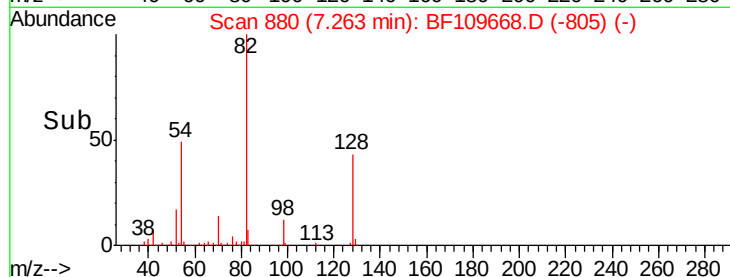
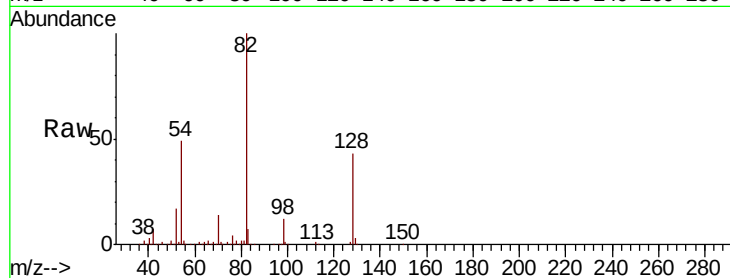




#19
n-Nitroso-di-n-propylamine
Concen: 17.026 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

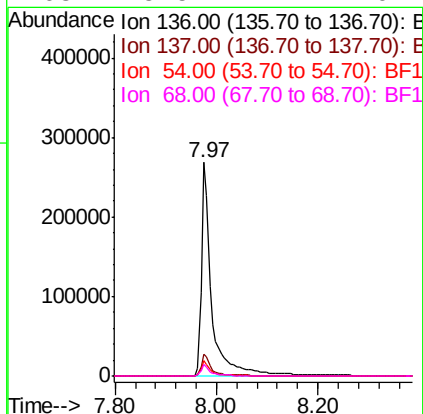
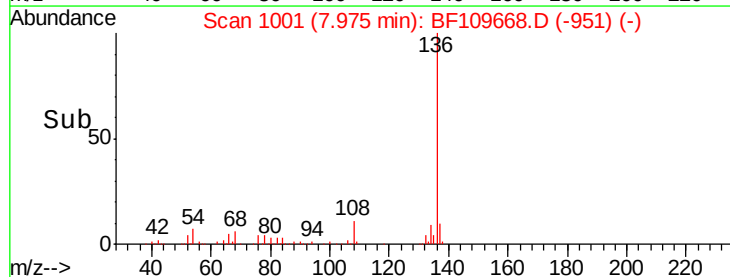
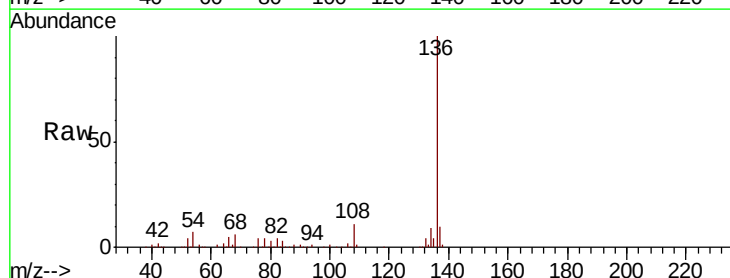
Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

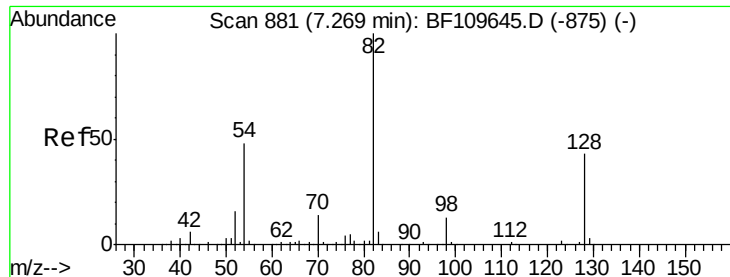
Tgt Ion: 70 Resp: 89491
Ion Ratio Lower Upper
70 100
42 47.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion: 136 Resp: 386897
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.9 5.4 8.2
68 5.5 4.2 6.2

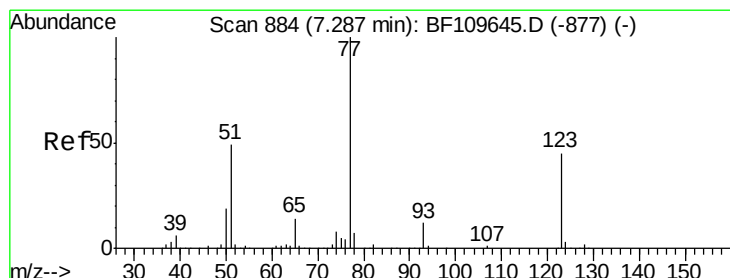
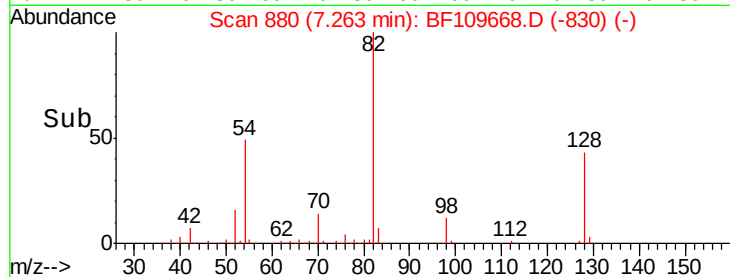
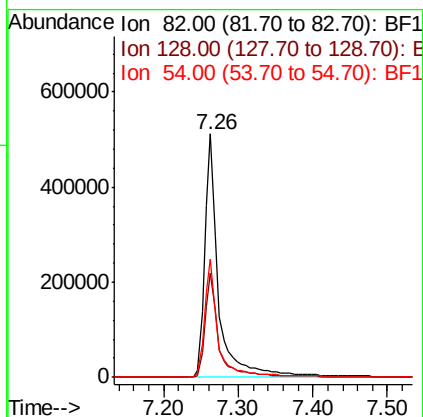
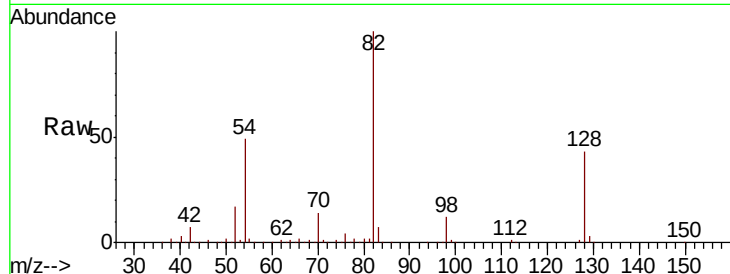




#23
 Nitrobenzene-d5
 Concen: 95.196 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

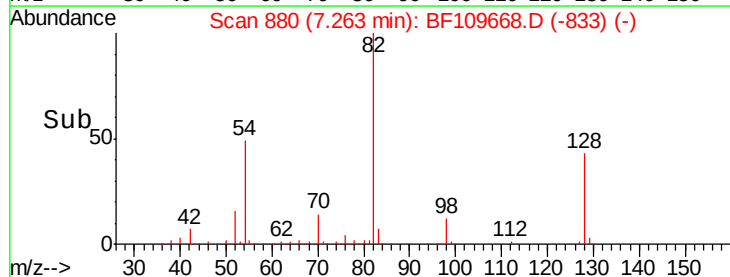
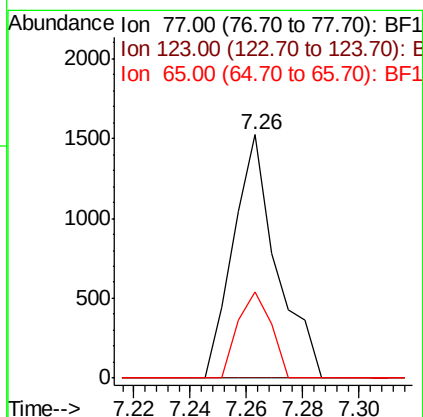
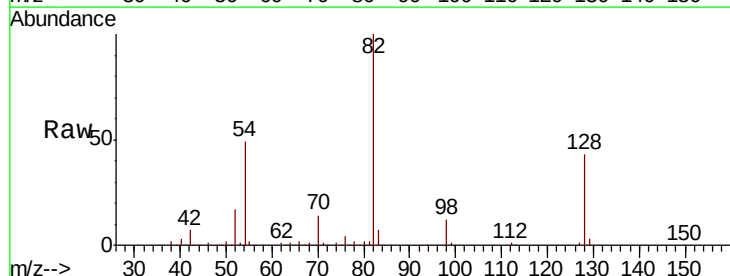
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

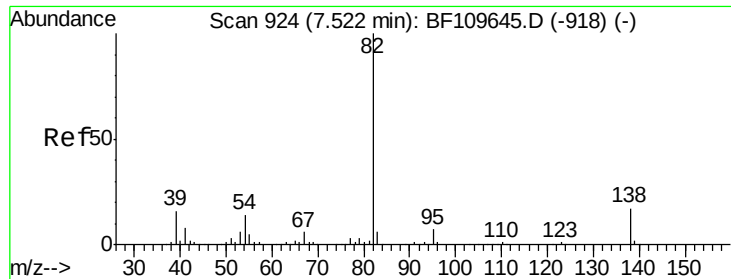
Tgt Ion: 82 Resp: 668157
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.2 51.2
 54 48.8 38.6 58.0



#24
 Nitrobenzene
 Concen: 0.222 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion: 77 Resp: 1623
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.7 53.5#
 65 35.4 10.7 16.1#





#25

Isophorone

Concen: 57.328 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

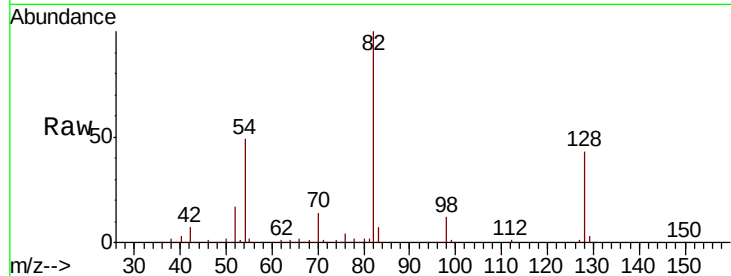
Tgt Ion: 82 Resp: 668157

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

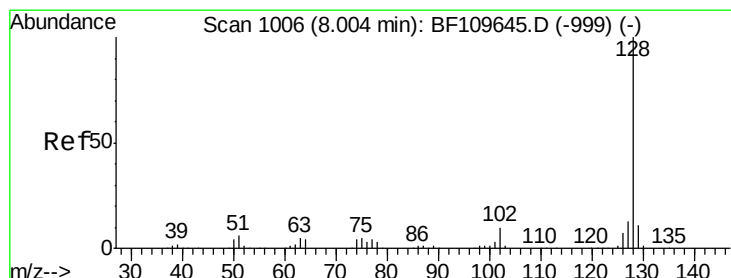
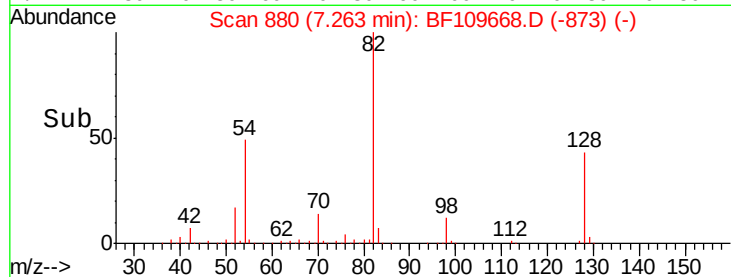
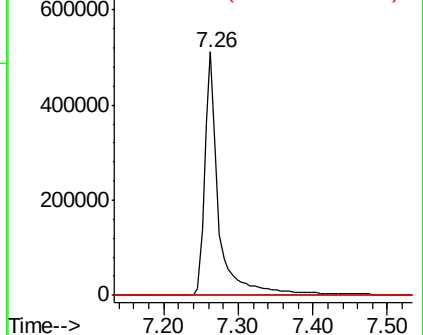
138 0.0 13.2 19.8#



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: 0.026 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

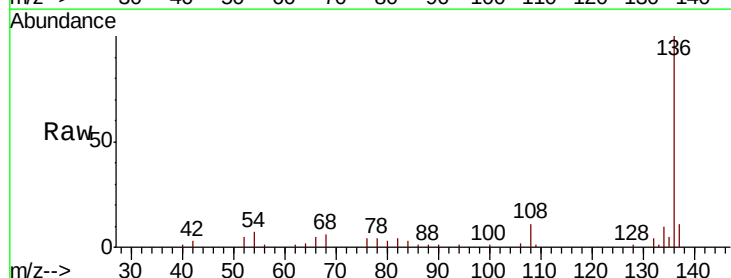
Tgt Ion: 128 Resp: 470

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

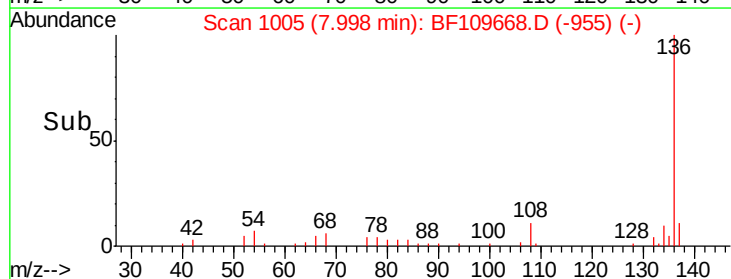
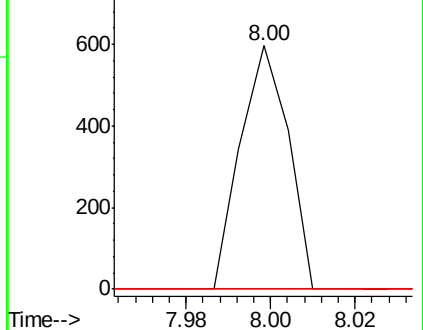
127 0.0 10.8 16.2#

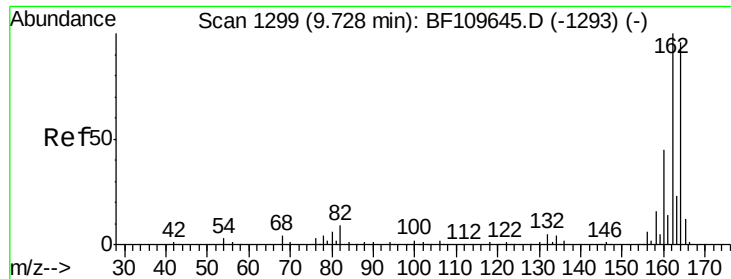


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

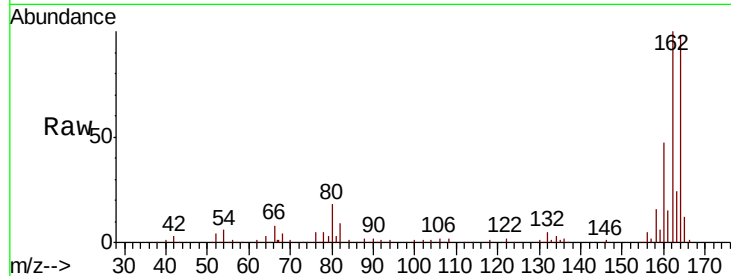




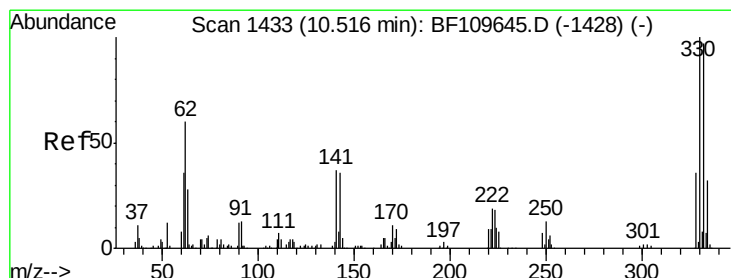
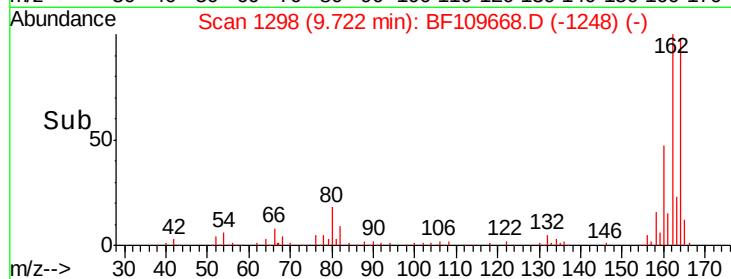
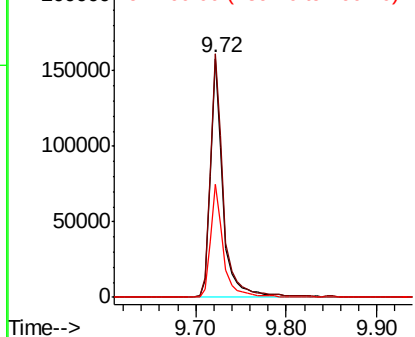
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Tgt Ion:164 Resp: 156981
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.0 124.6
 160 47.3 37.0 55.6

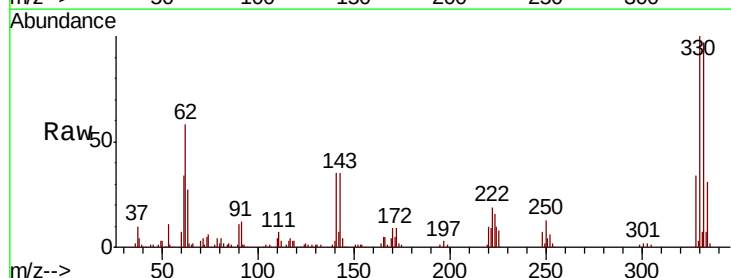


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

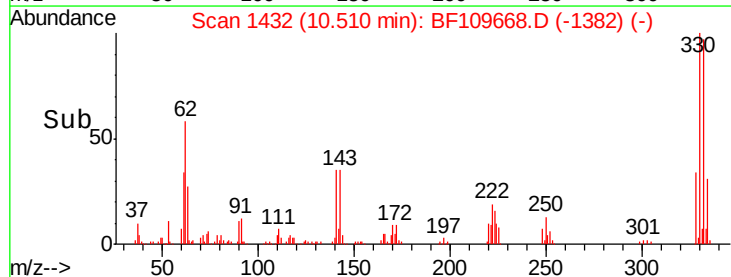
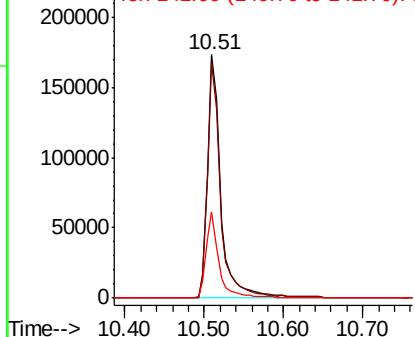


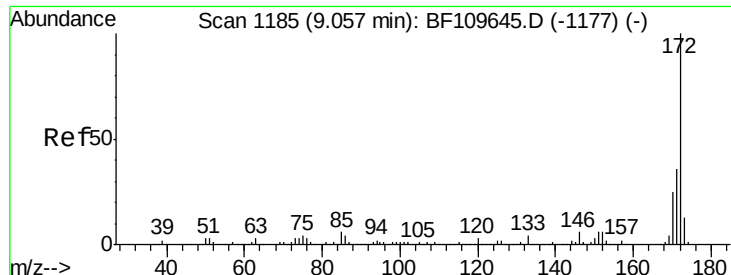
#41
 2,4,6-Tribromophenol
 Concen: 120.366 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion:330 Resp: 205884
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 34.0 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

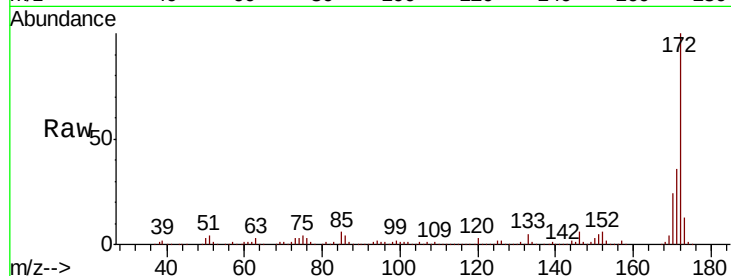




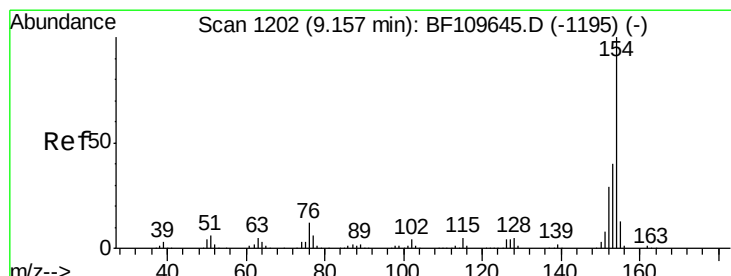
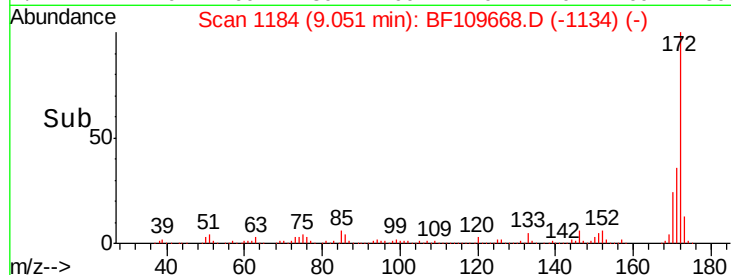
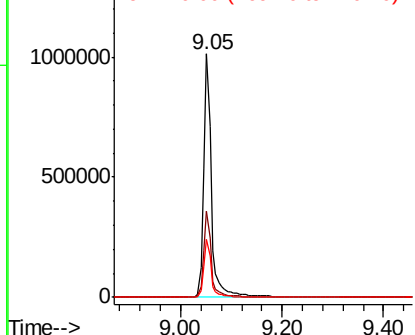
#44
 2-Fluorobiphenyl
 Concen: 93.904 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Tgt Ion:172 Resp: 1070326
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.8 19.7 29.5

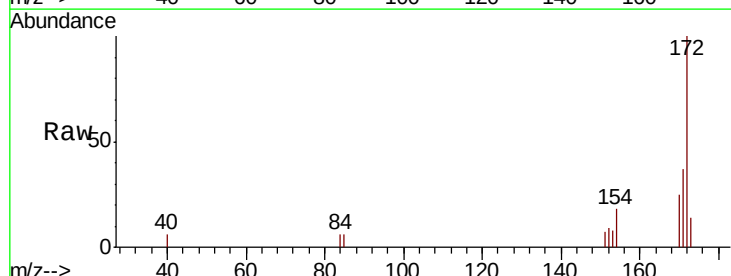


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

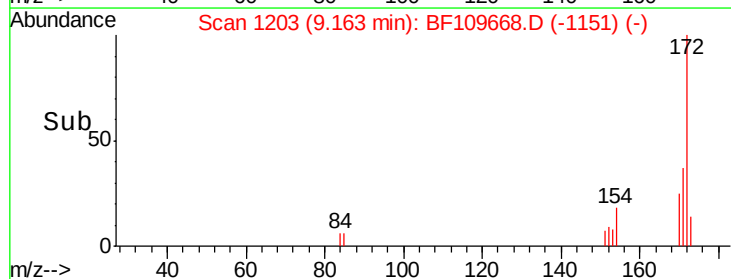
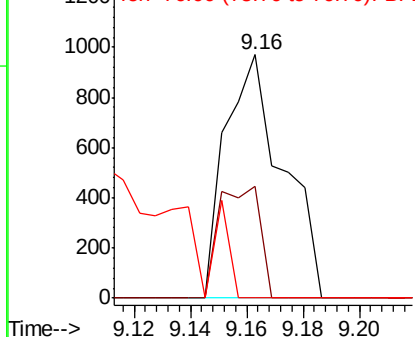


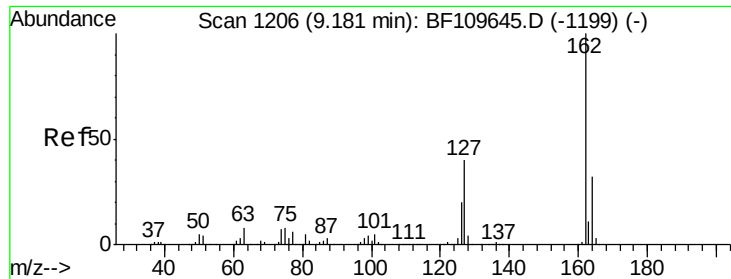
#45
 1,1'-Biphenyl
 Concen: 0.098 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion:154 Resp: 1372
 Ion Ratio Lower Upper
 154 100
 153 46.1 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

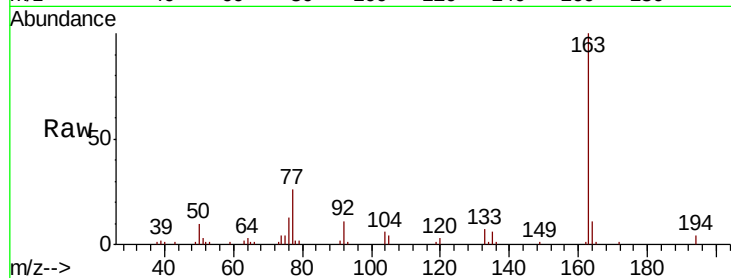




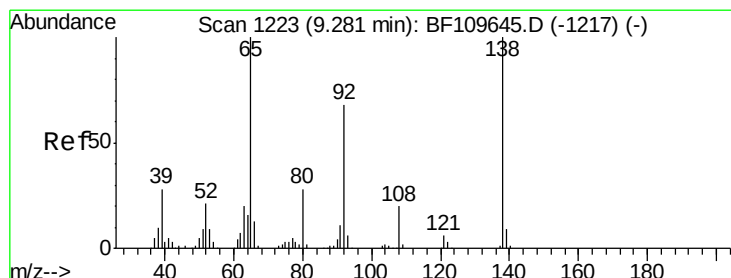
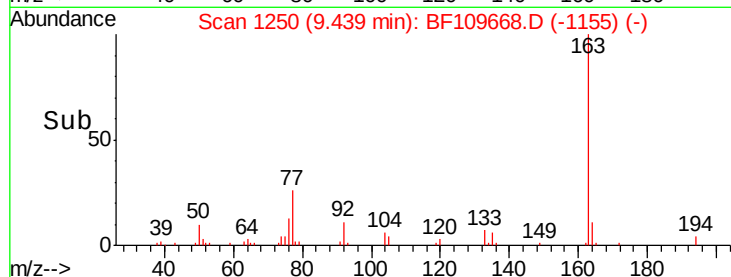
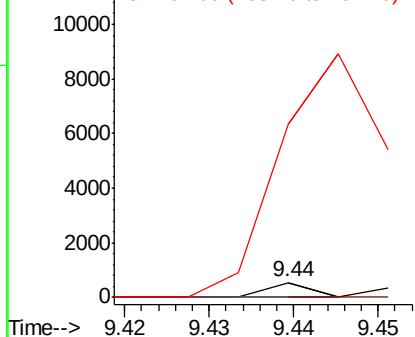
#46
 2-Chloronaphthalene
 Concen: 0.018 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.26 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Tgt Ion: 162 Resp: 193
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 48.8#
 164 1157.3 25.9 38.9#

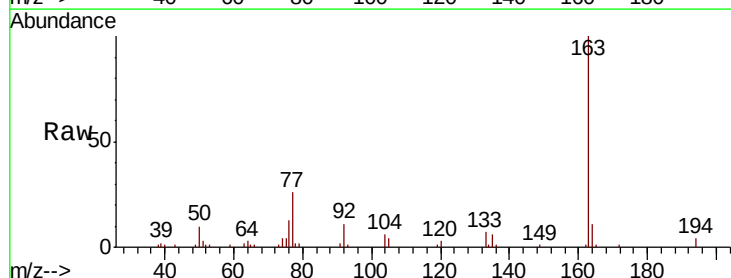


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

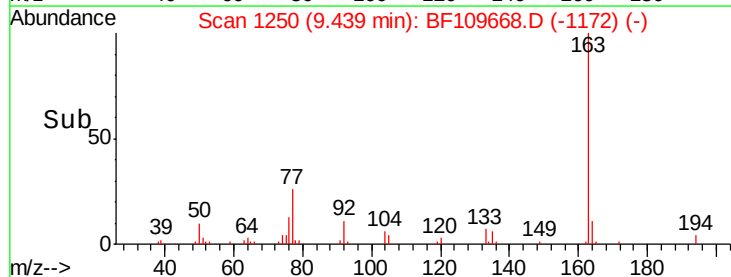
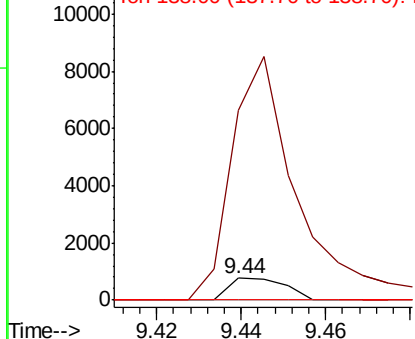


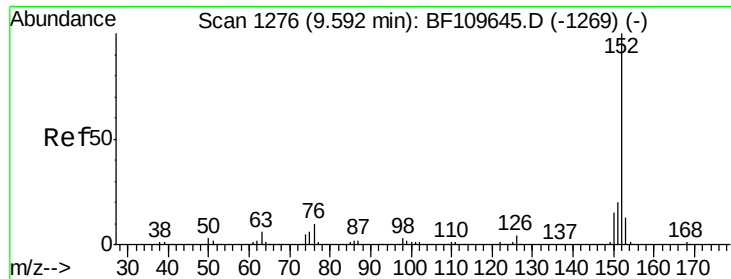
#47
 2-Nitroaniline
 Concen: 0.220 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.16 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion: 65 Resp: 700
 Ion Ratio Lower Upper
 65 100
 92 872.8 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: 0.047 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

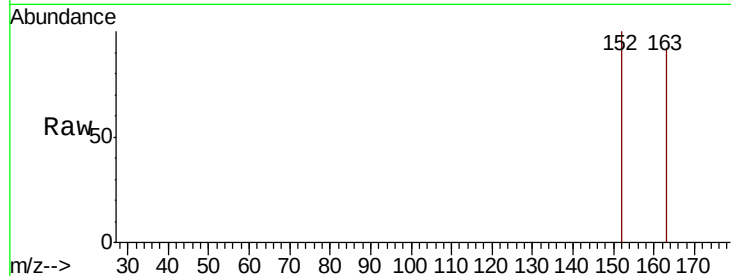
Tgt Ion:152 Resp: 715

Ion Ratio Lower Upper

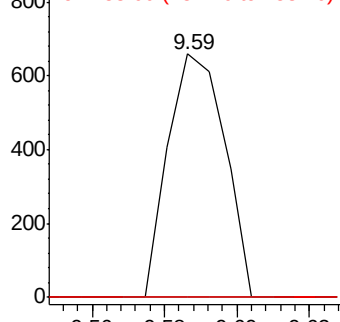
152 100

151 0.0 15.8 23.8#

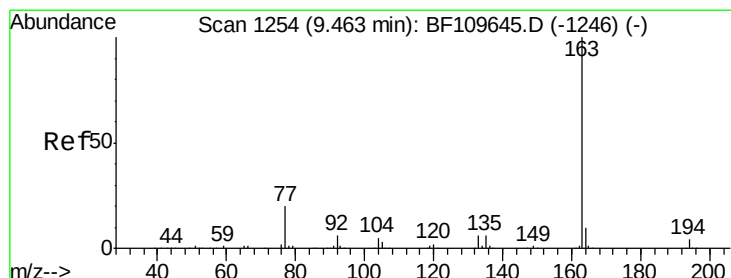
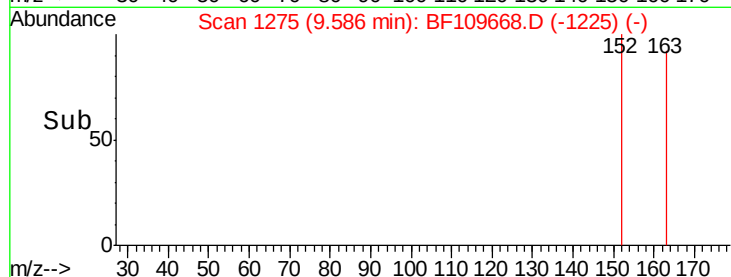
153 0.0 10.4 15.6#



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



Time-->



#49

Dimethylphthalate

Concen: 9.227 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

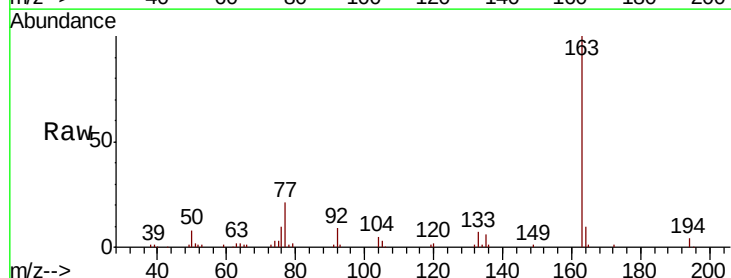
Tgt Ion:163 Resp: 106234

Ion Ratio Lower Upper

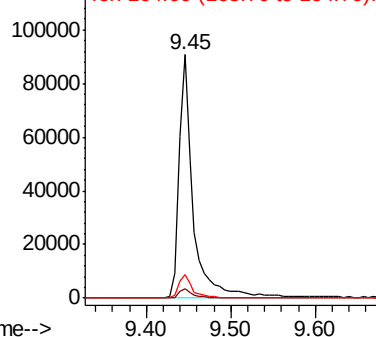
163 100

194 3.8 3.2 4.8

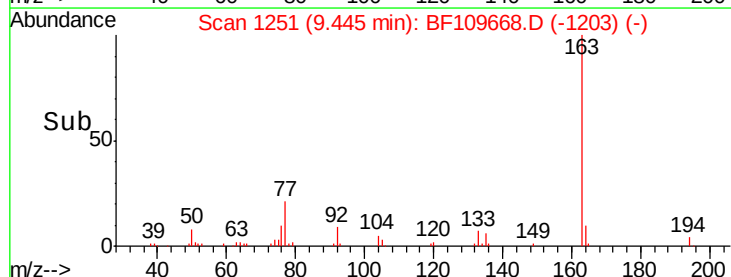
164 9.8 8.1 12.1

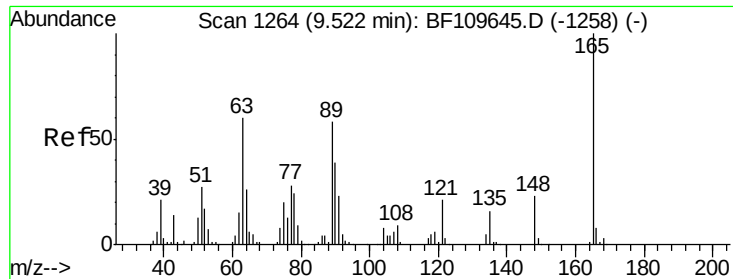


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

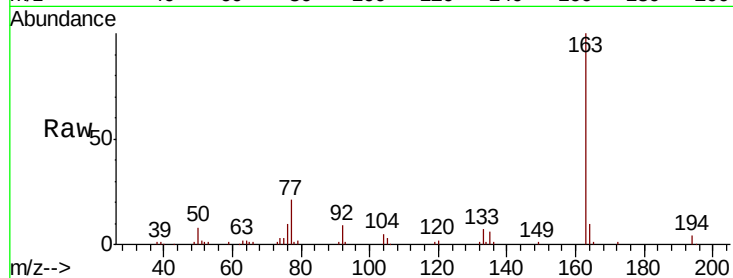




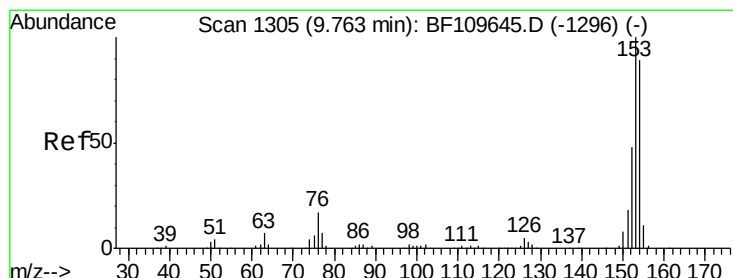
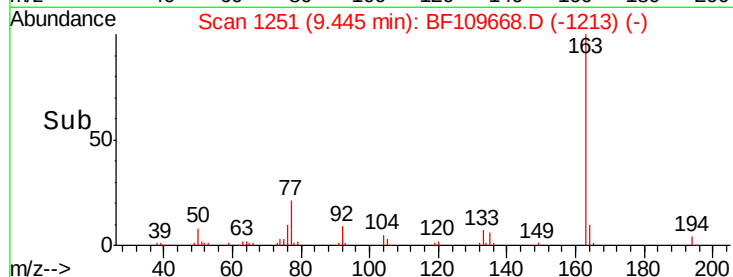
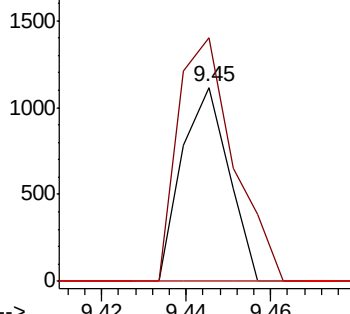
#50
 2,6-Dinitrotoluene
 Concen: 0.345 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.08 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Tgt Ion:165 Resp: 861
 Ion Ratio Lower Upper
 165 100
 63 125.3 48.9 73.3#
 89 0.0 46.6 69.8#

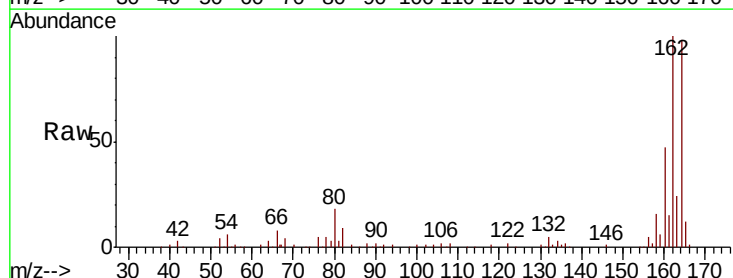


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

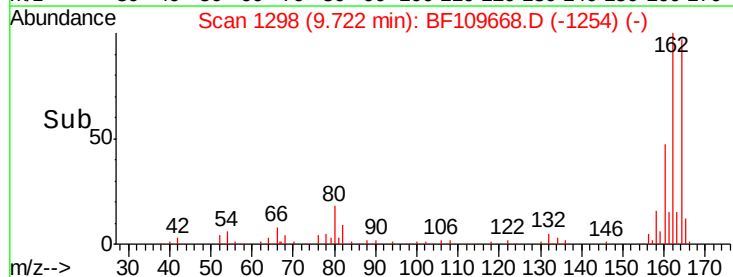
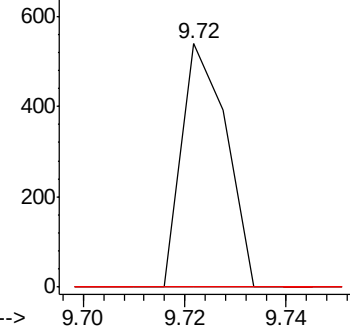


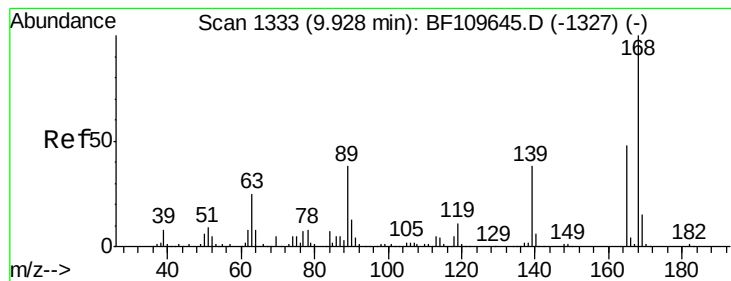
#51
 Acenaphthene
 Concen: 0.036 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.04 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion:154 Resp: 329
 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: 6.208 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

Tgt Ion:165 Resp: 19334

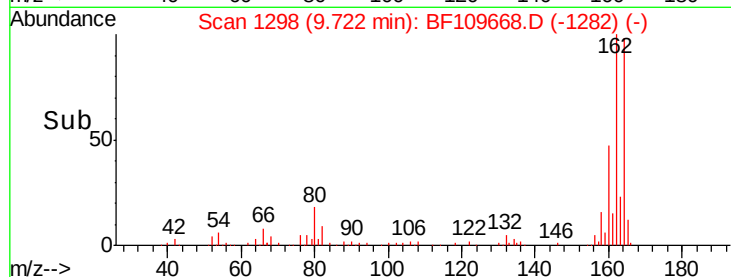
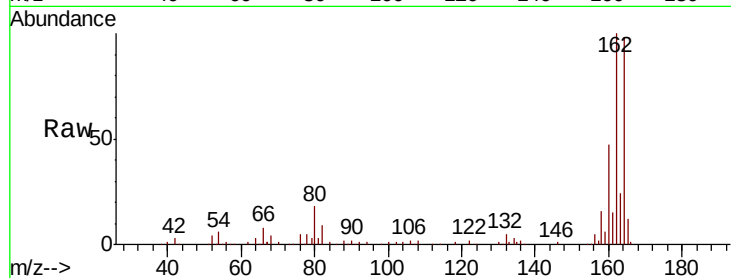
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.7 62.2 93.4#

182 0.0 2.1 3.1#

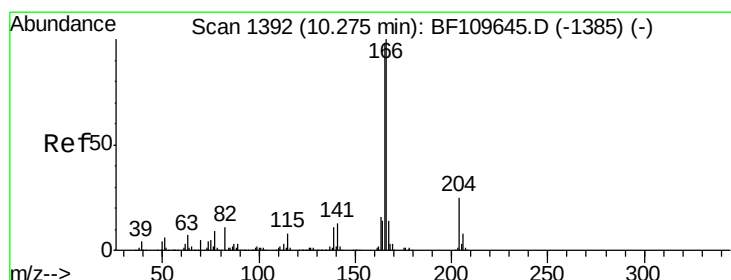
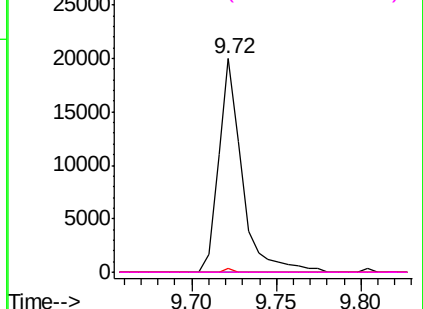


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.834 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.24 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

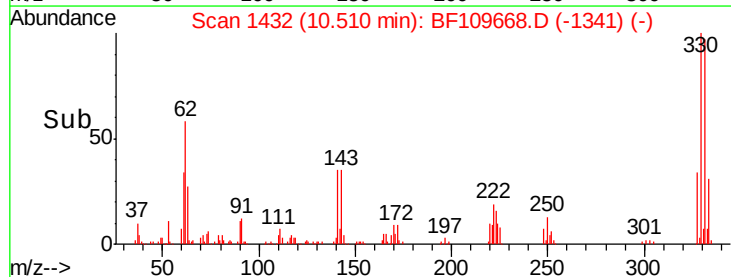
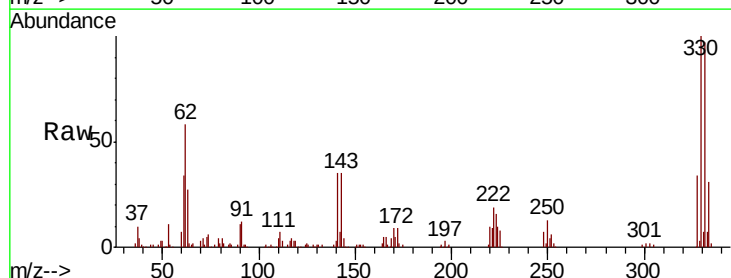
Tgt Ion:166 Resp: 8478

Ion Ratio Lower Upper

166 100

165 100.9 78.6 117.8

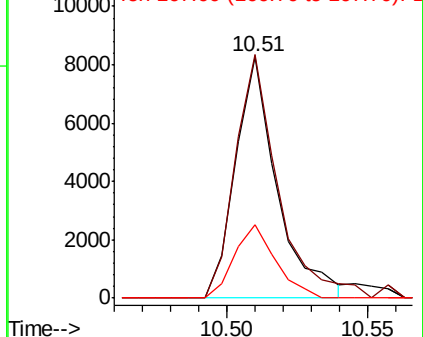
167 30.3 10.8 16.2#

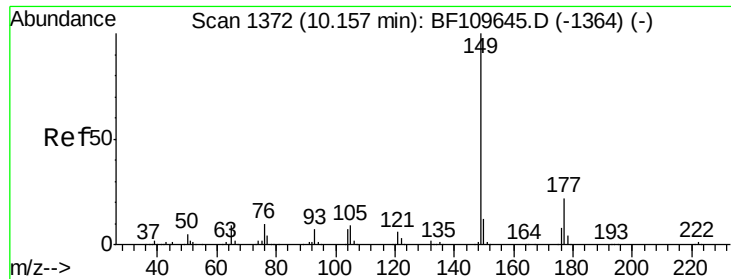


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

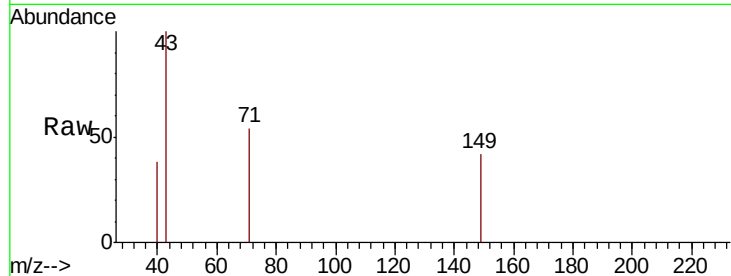




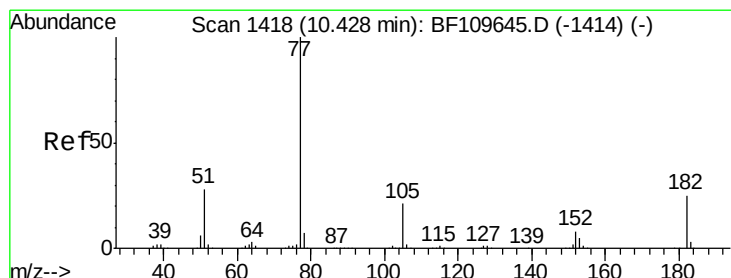
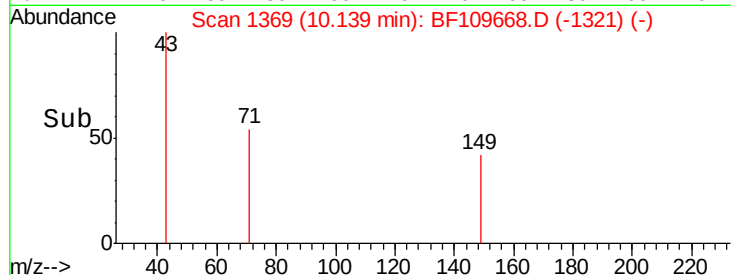
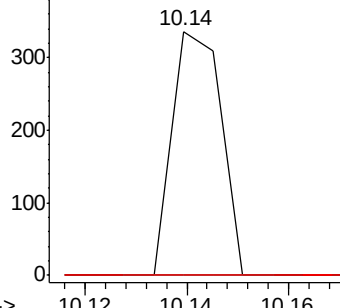
#59
Diethylphthalate
Concen: 0.020 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion: 149 Resp: 228
Ion Ratio Lower Upper
149 100
177 0.0 17.4 26.2#
150 0.0 9.8 14.8#

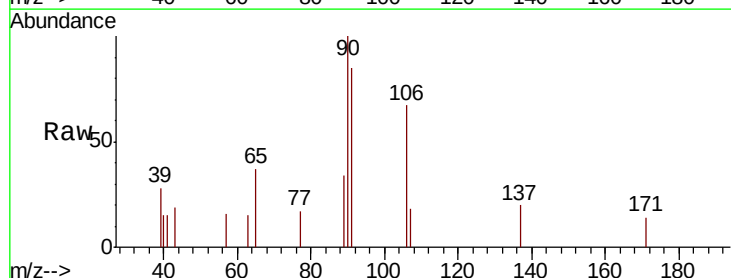


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

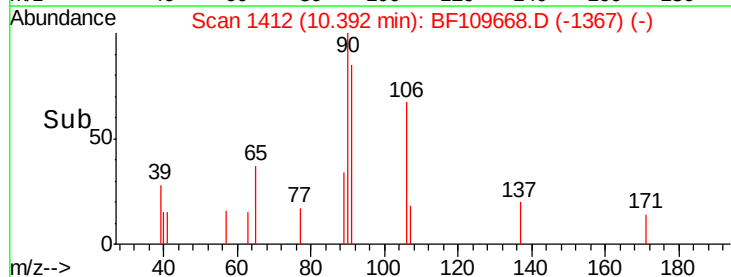
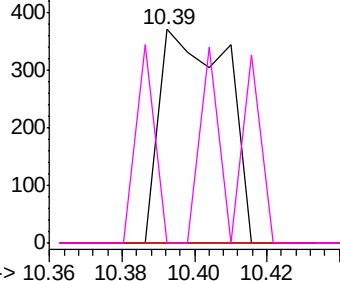


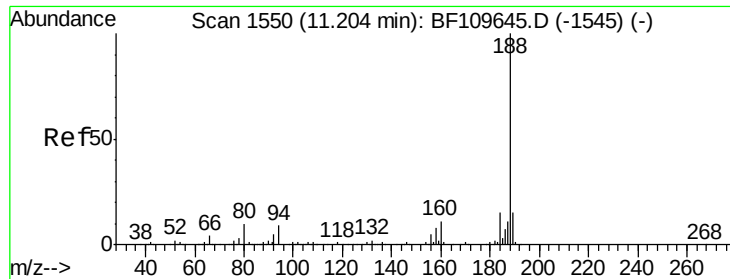
#62
Azobenzene
Concen: 0.041 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion: 77 Resp: 475
Ion Ratio Lower Upper
77 100
182 0.0 4.3 44.3#
105 0.0 1.3 41.3#
51 0.0 9.0 49.0#



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

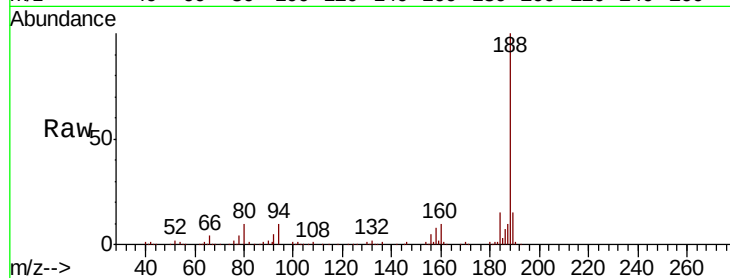




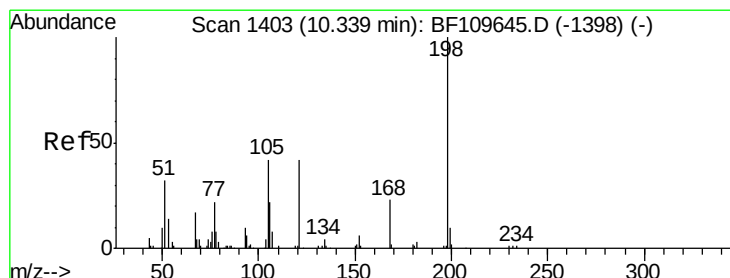
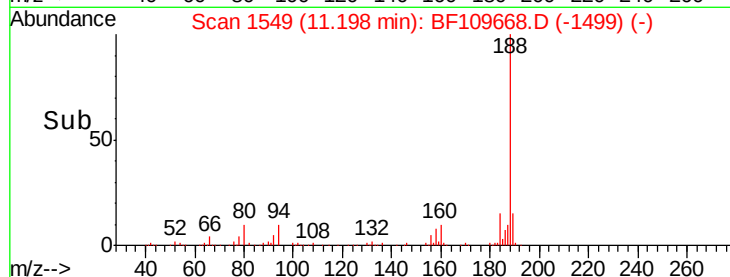
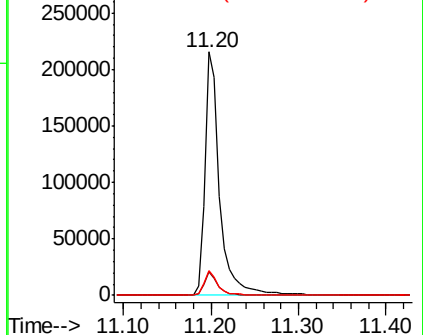
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion:188 Resp: 252086
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.2 7.9 11.9

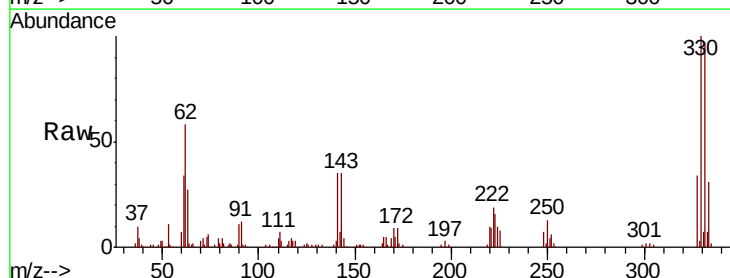


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

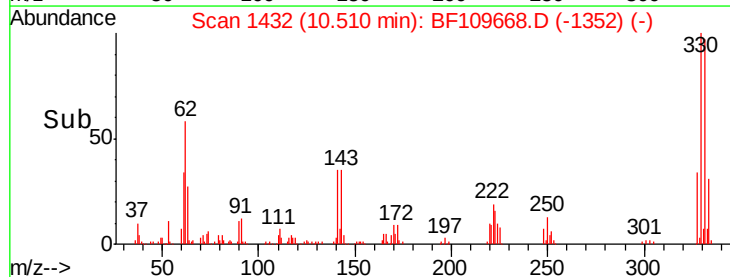
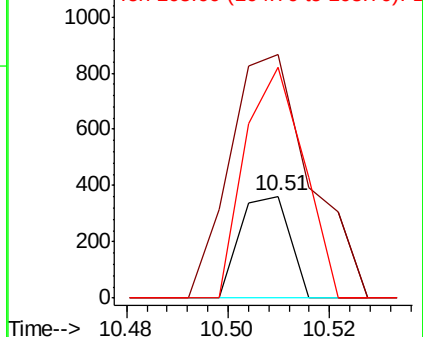


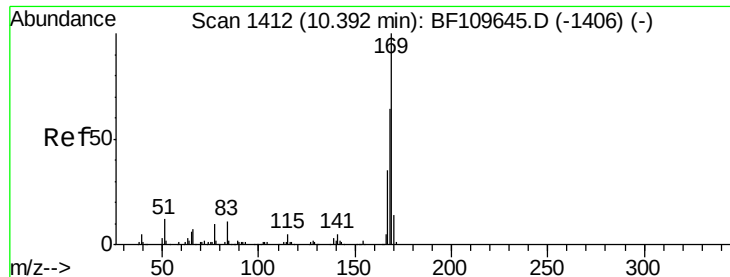
#64
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.17 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion:198 Resp: 248
Ion Ratio Lower Upper
198 100
51 238.6 22.8 62.8#
105 226.2 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

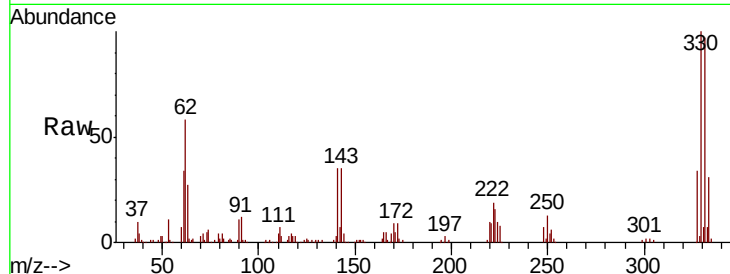




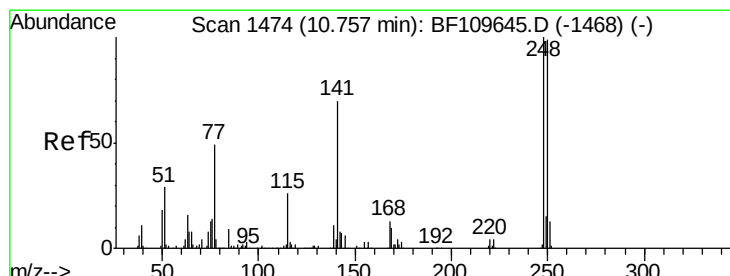
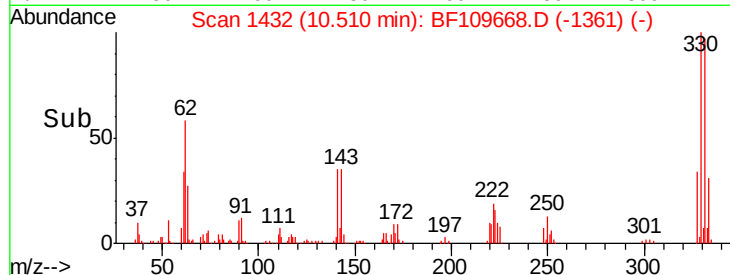
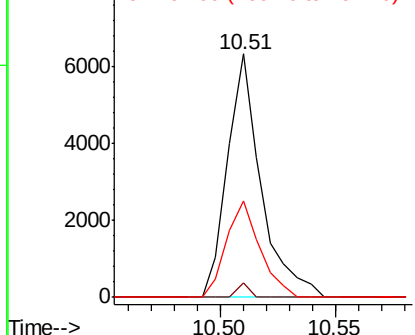
#65
 n-Nitrosodiphenylamine
 Concen: 0.751 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.12 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Tgt Ion:169 Resp: 6417
 Ion Ratio Lower Upper
 169 100
 168 6.1 51.2 76.8#
 167 39.5 27.8 41.6

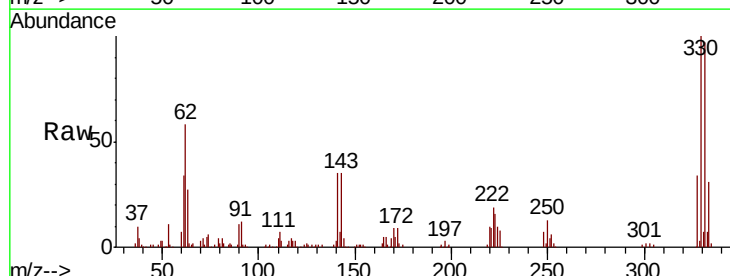


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

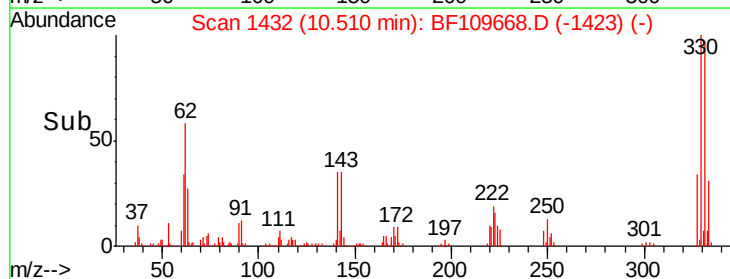
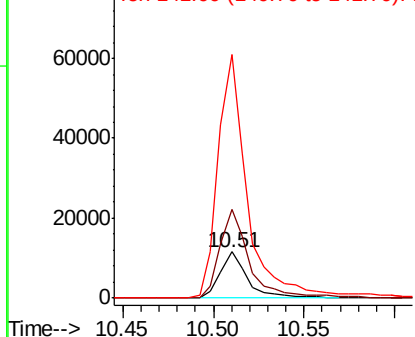


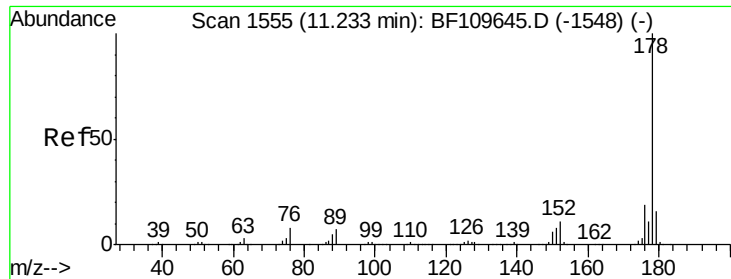
#66
 4-Bromophenyl-phenylether
 Concen: 4.185 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion:248 Resp: 12122
 Ion Ratio Lower Upper
 248 100
 250 191.3 79.4 119.2#
 141 527.9 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

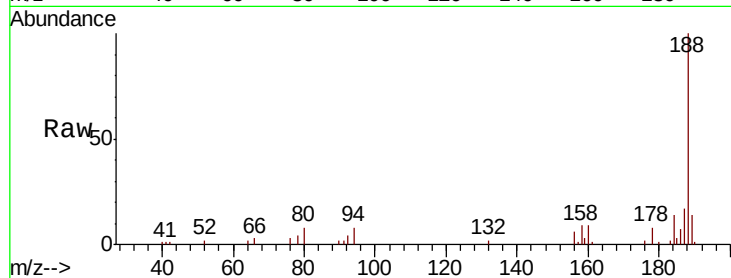




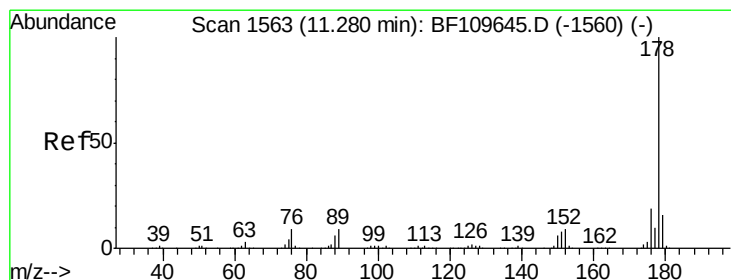
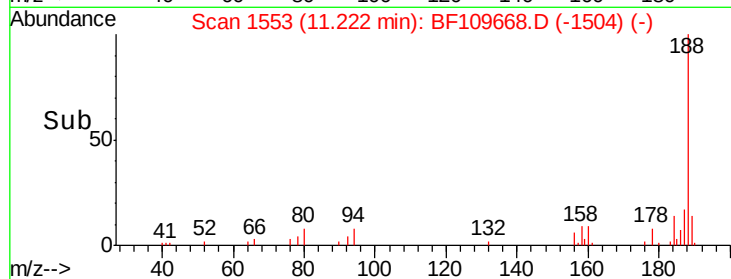
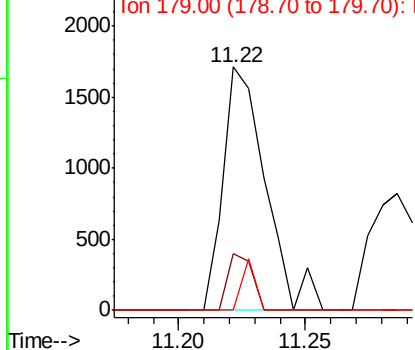
#70
Phenanthrene
Concen: 0.158 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion:178 Resp: 1996
Ion Ratio Lower Upper
178 100
176 23.4 15.5 23.3#
179 0.0 12.5 18.7#

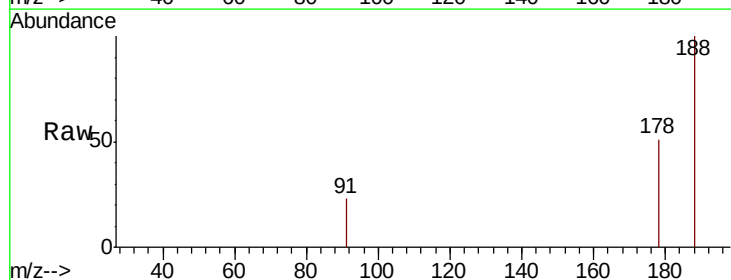


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

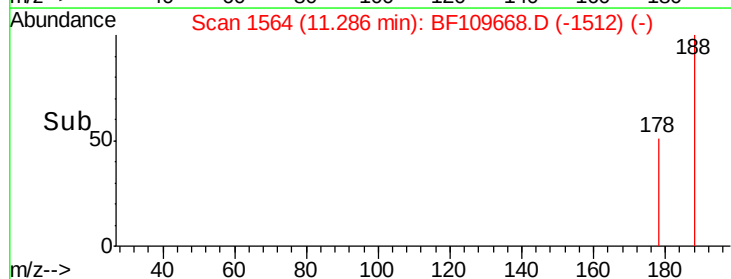
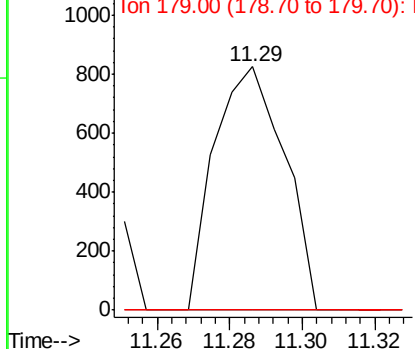


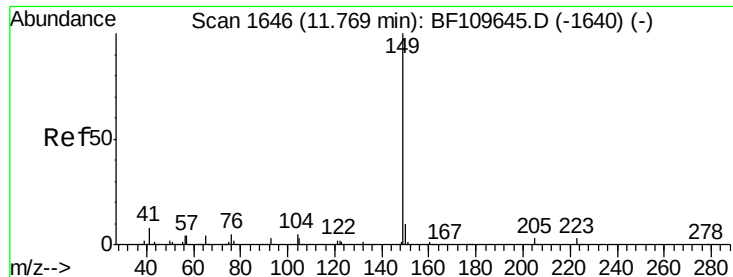
#71
Anthracene
Concen: 0.085 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion:178 Resp: 1113
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





#73

Di-n-butylphthalate

Concen: 0.055 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

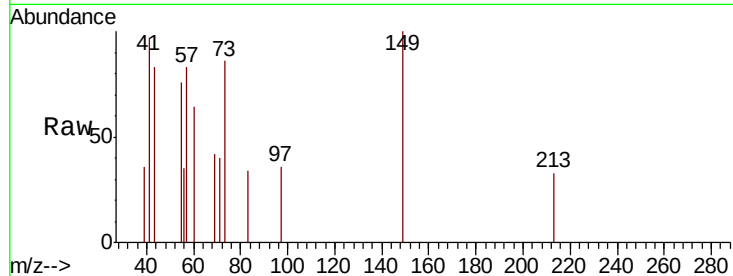
Tgt Ion:149 Resp: 802

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

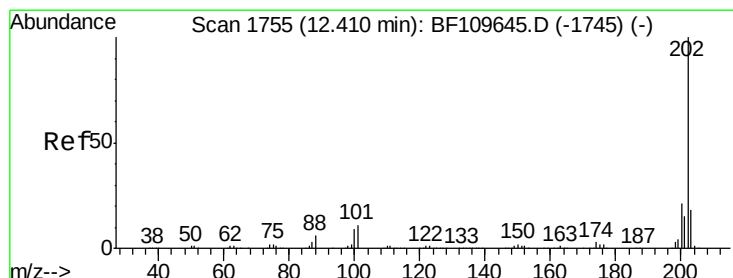
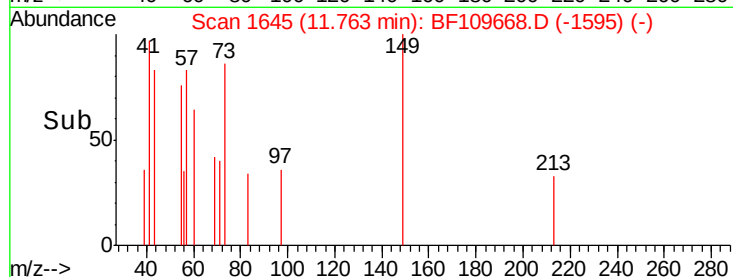
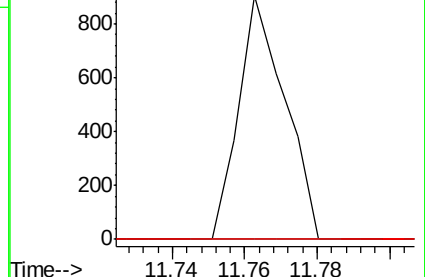
104 0.0 4.2 6.4#



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: 0.534 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

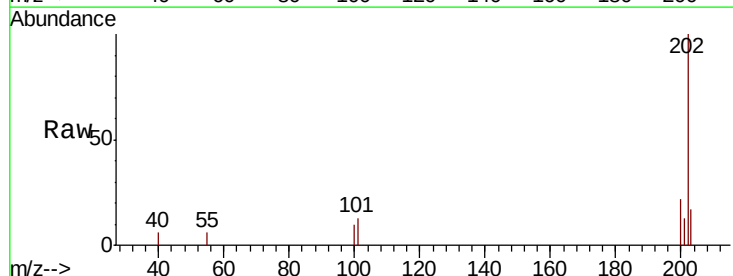
Tgt Ion:202 Resp: 7038

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.4

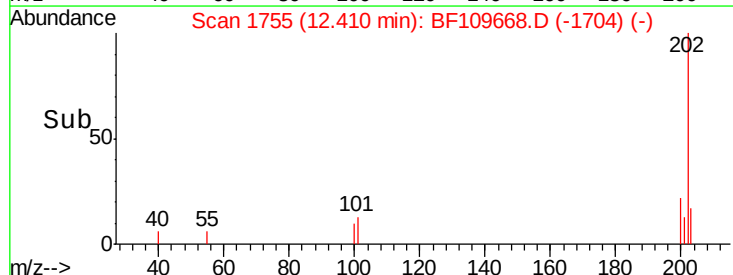
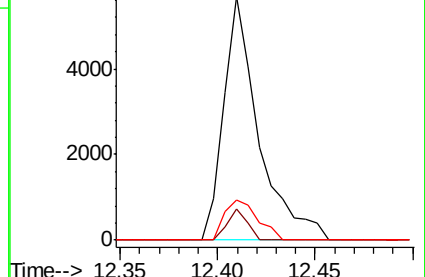
203 16.6 0.0 37.7

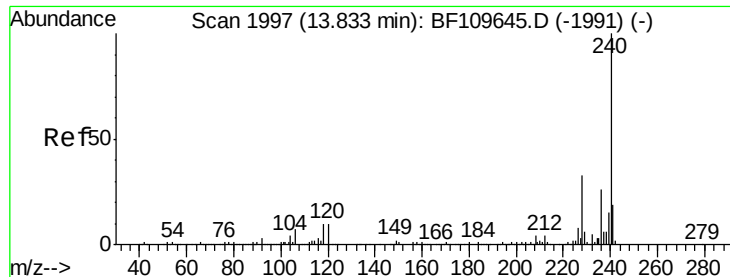


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

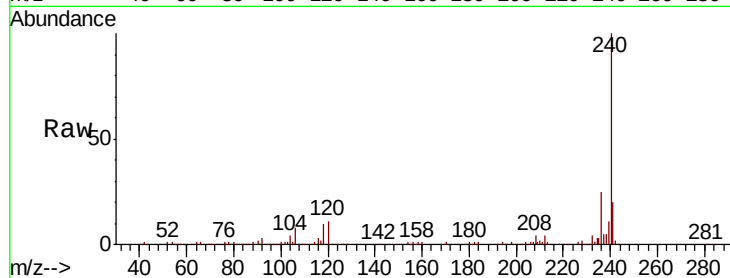
Tgt Ion:240 Resp: 210050

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

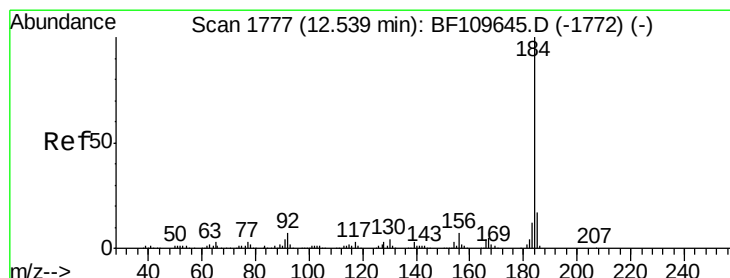
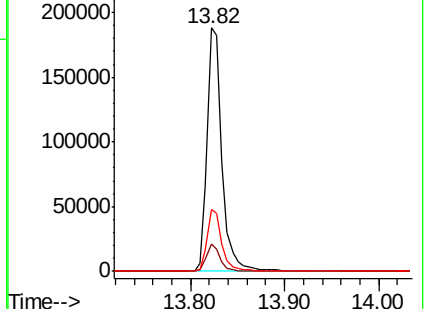
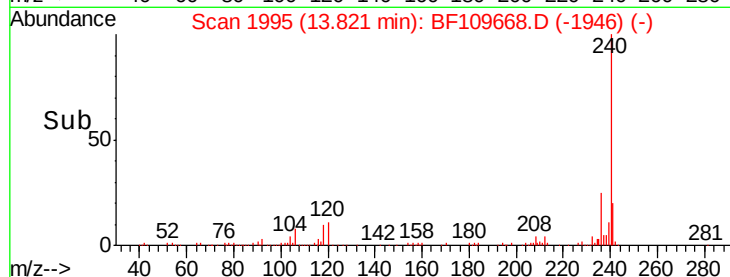
236 25.4 21.2 31.8



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: 1.342 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

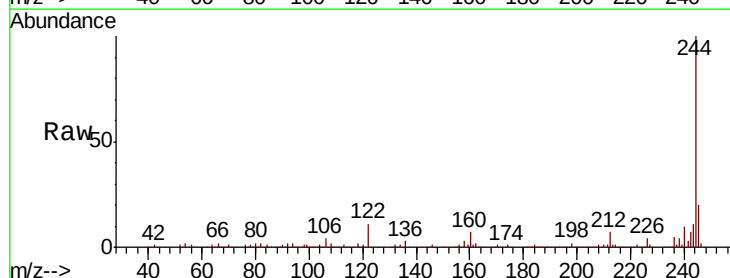
Tgt Ion:184 Resp: 10474

Ion Ratio Lower Upper

184 100

185 18.1 13.4 20.2

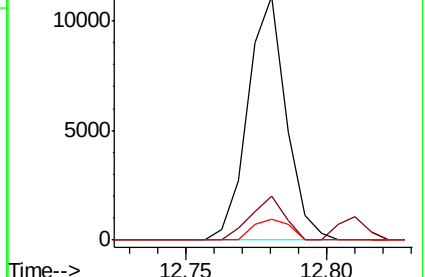
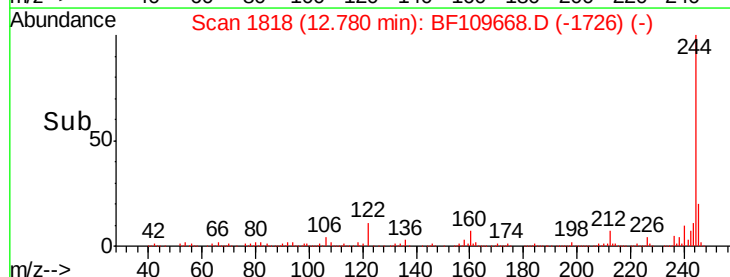
183 8.3 9.4 14.2#

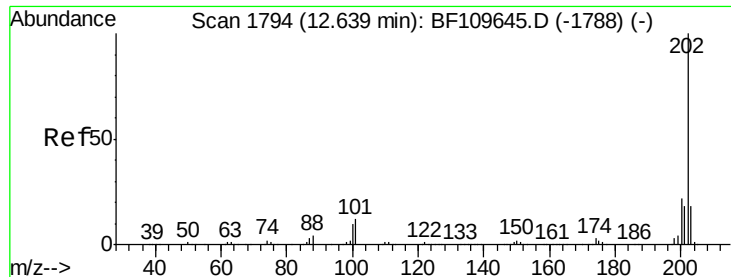


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

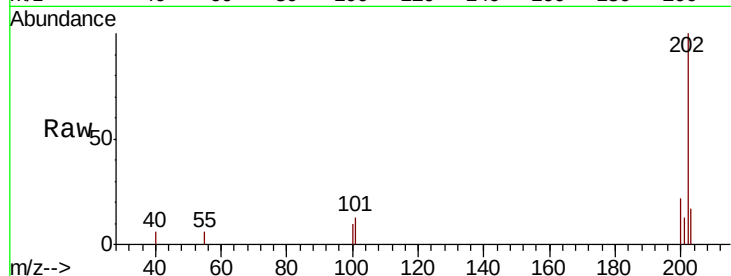




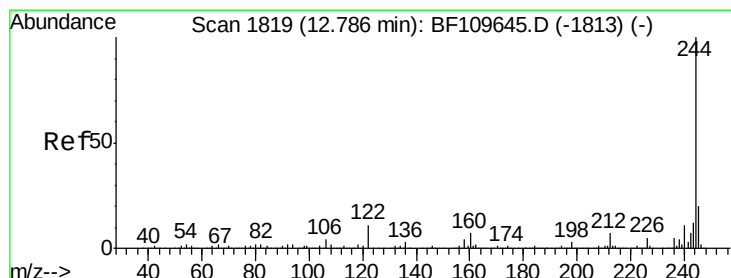
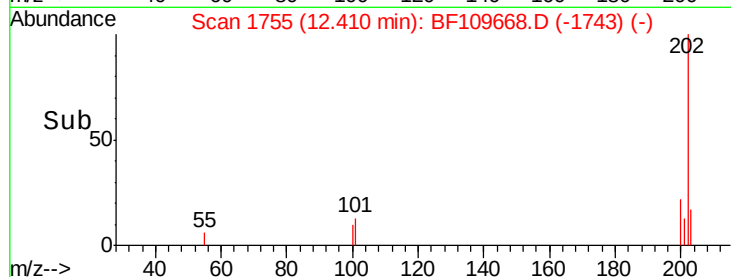
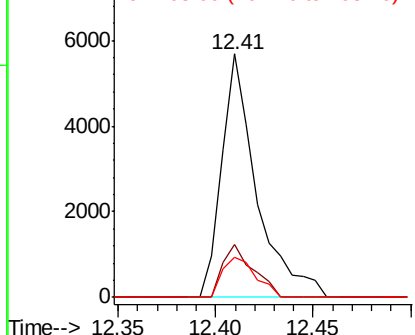
#77
 Pyrene
 Concen: 0.457 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.23 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-5

Tgt Ion: 202 Resp: 7038
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.8 26.6
 203 16.6 14.2 21.4

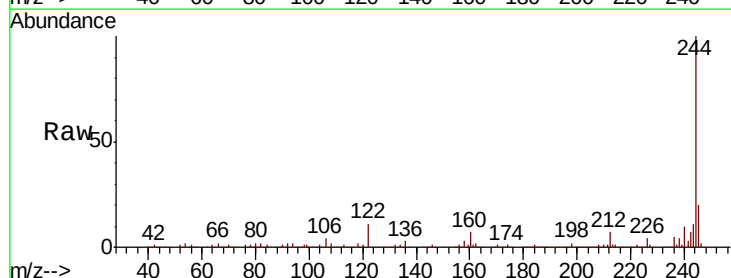


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

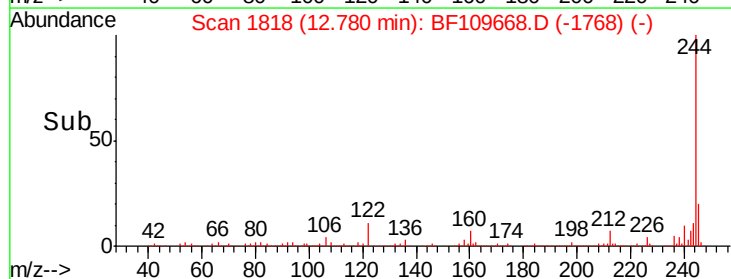
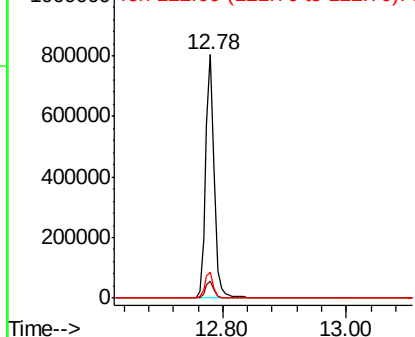


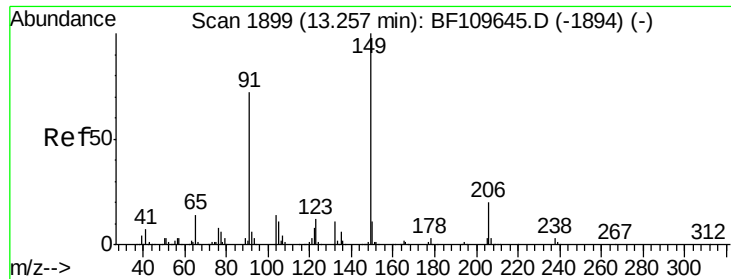
#78
 Terphenyl-d14
 Concen: 71.738 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109668.D
 Acq: 9 Oct 2018 00:45

Tgt Ion: 244 Resp: 778402
 Ion Ratio Lower Upper
 244 100
 212 7.1 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

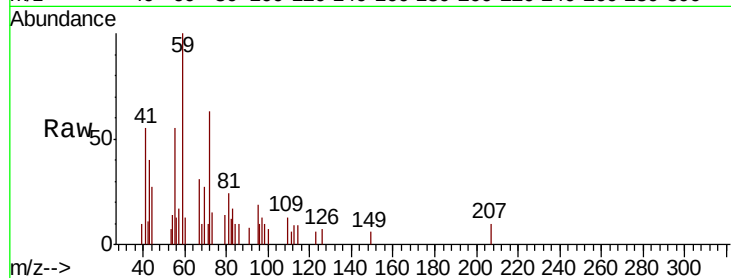




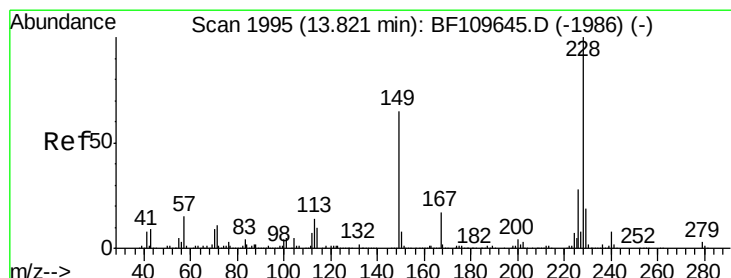
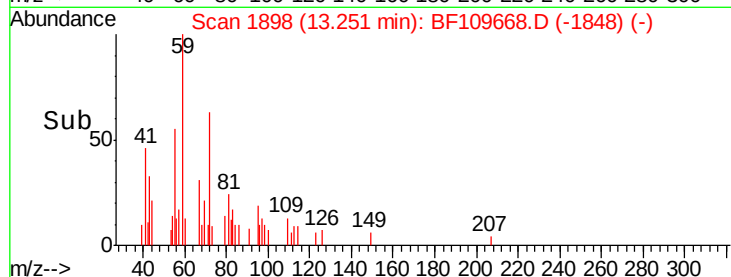
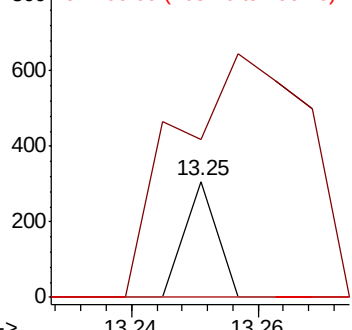
#79
Butylbenzylphthalate
Concen: 0.016 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion:149 Resp: 108
Ion Ratio Lower Upper
149 100
91 135.8 57.2 85.8#
206 0.0 15.7 23.5#

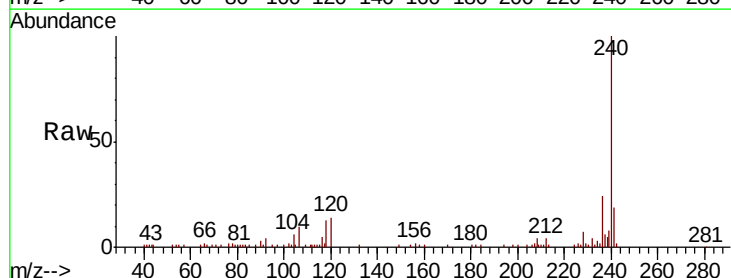


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

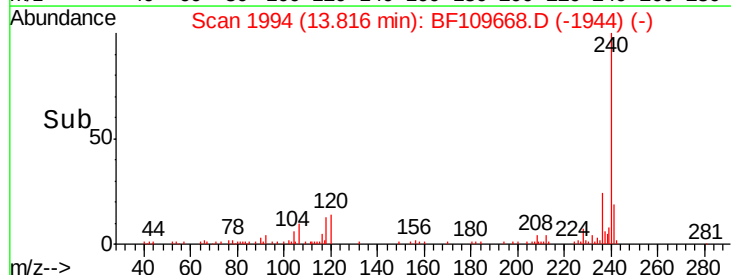
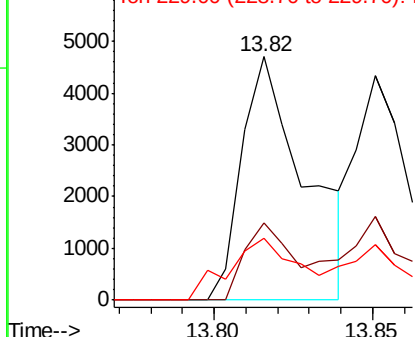


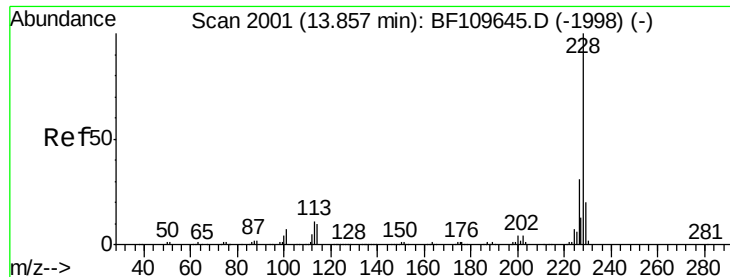
#80
Benzo(a)anthracene
Concen: 0.564 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion:228 Resp: 6539
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 25.4 15.6 23.4#



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





#82

Chrysene

Concen: 0.416 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

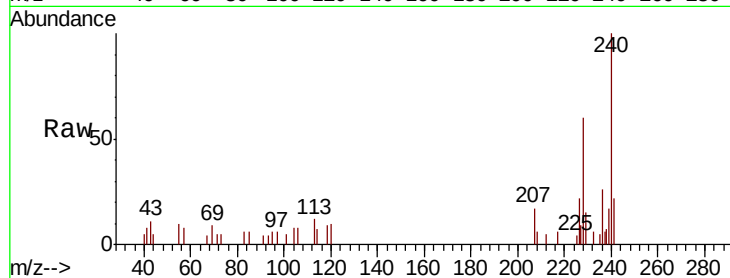
Tgt Ion:228 Resp: 5070

Ion Ratio Lower Upper

228 100

226 37.1 24.7 37.1

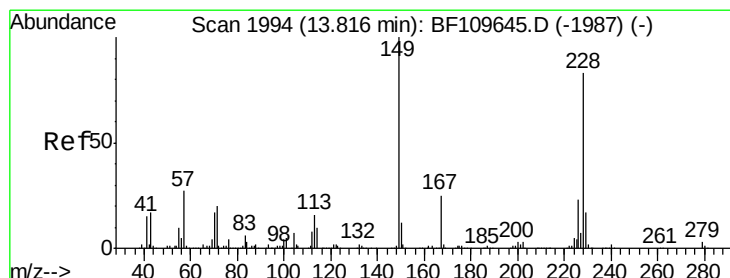
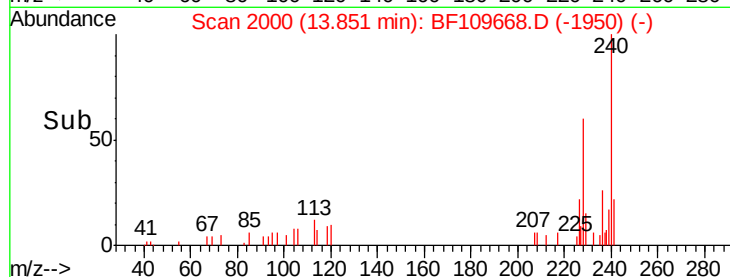
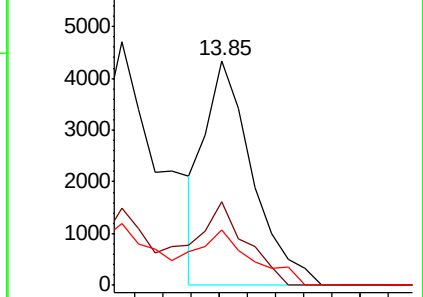
229 24.7 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

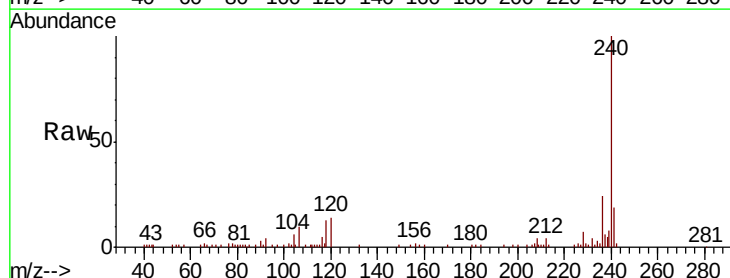
Tgt Ion:149 Resp: 812

Ion Ratio Lower Upper

149 100

167 0.0 19.8 29.8#

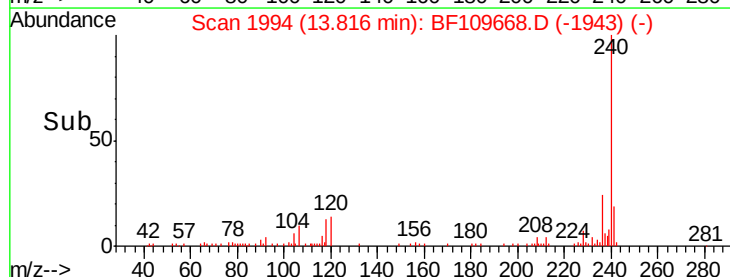
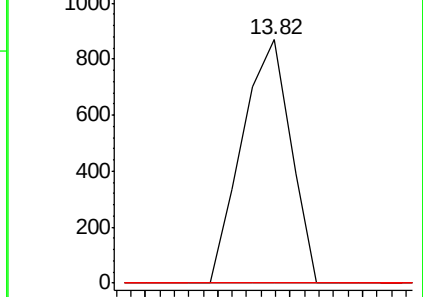
279 0.0 2.7 4.1#

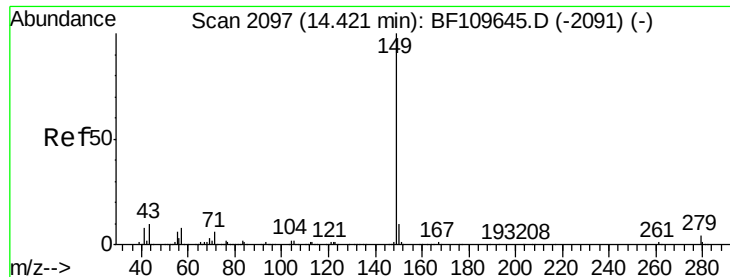


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.009 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.02 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

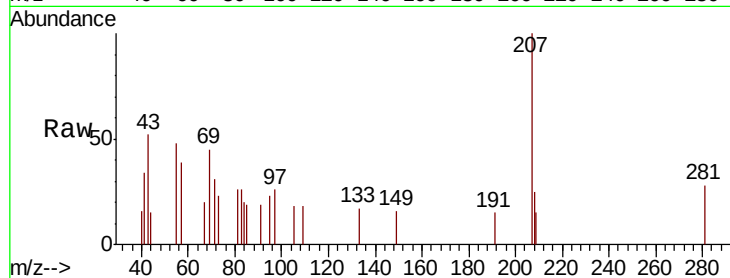
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 7.8 11.8#

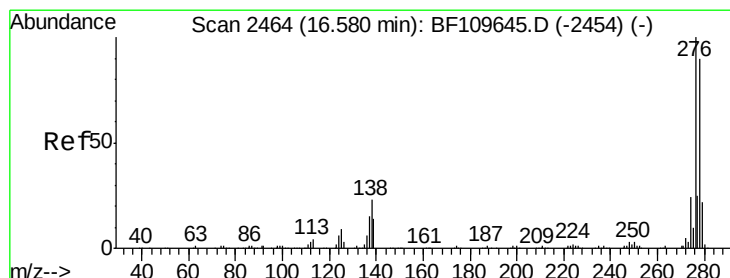
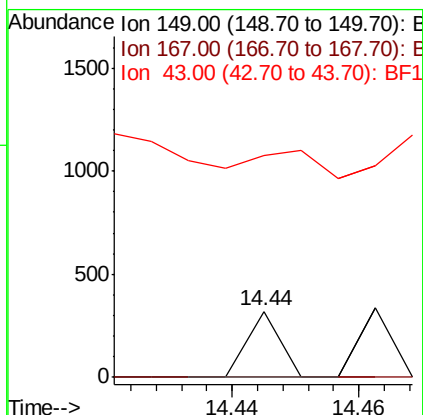
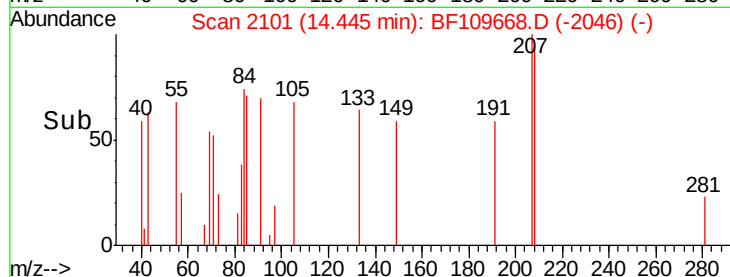


Abundance

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: 0.316 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

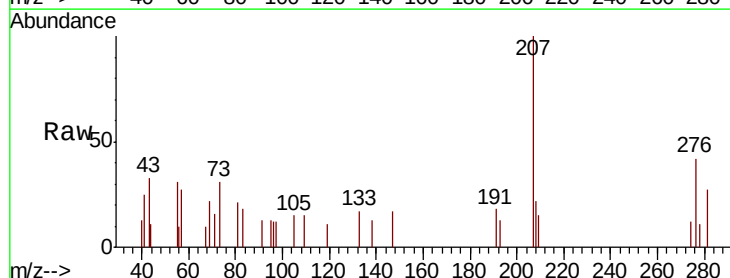
Tgt Ion:276 Resp: 2752

Ion Ratio Lower Upper

276 100

138 23.2 18.5 27.7

277 9.8 20.0 30.0#

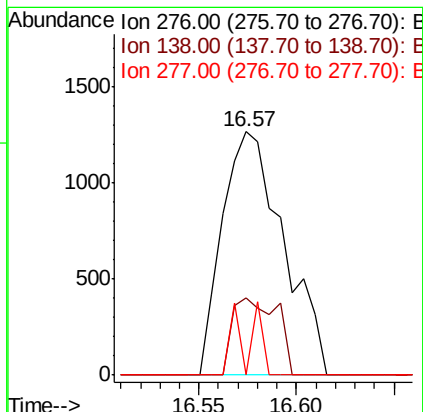
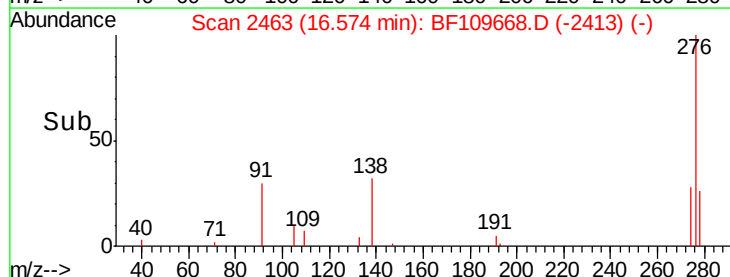


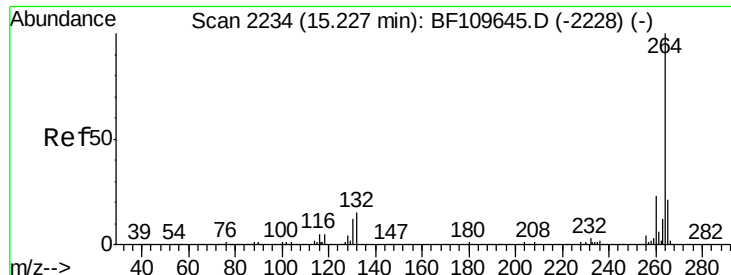
Abundance

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

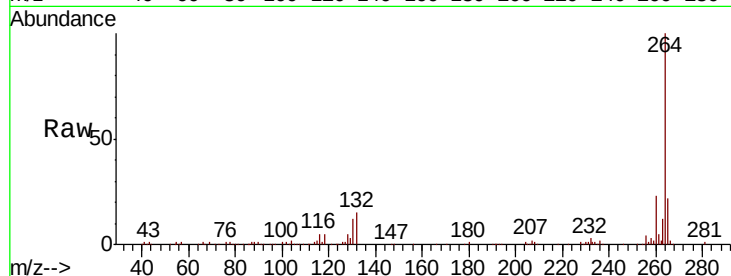




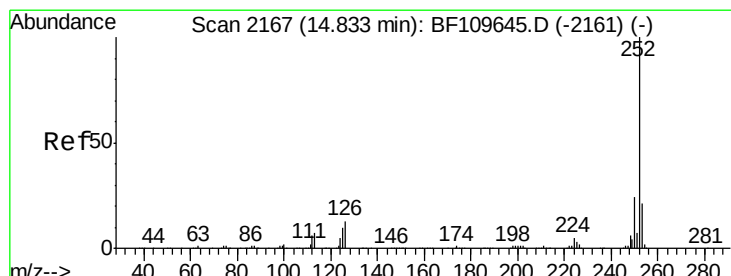
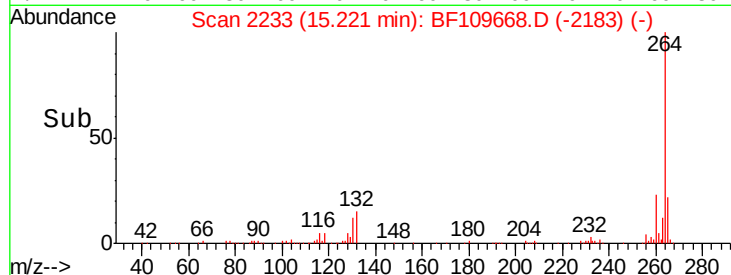
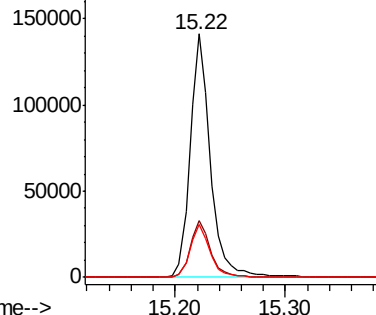
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion:264 Resp: 180049
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.5 16.7 25.1

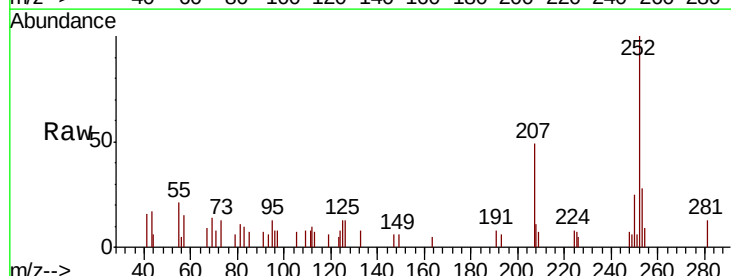


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

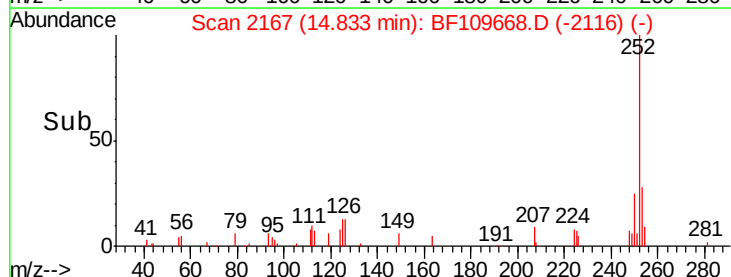
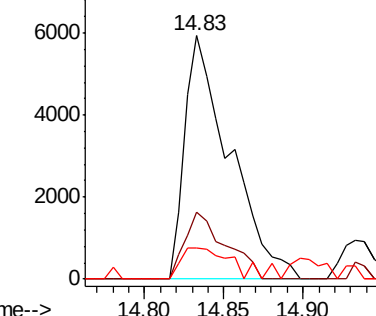


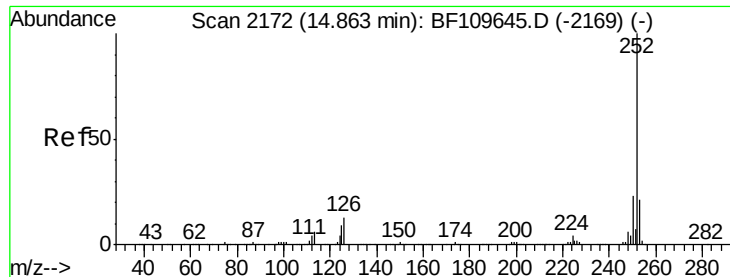
#87
Benzo(b)fluoranthene
Concen: 1.175 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion:252 Resp: 11694
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8#
125 12.6 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

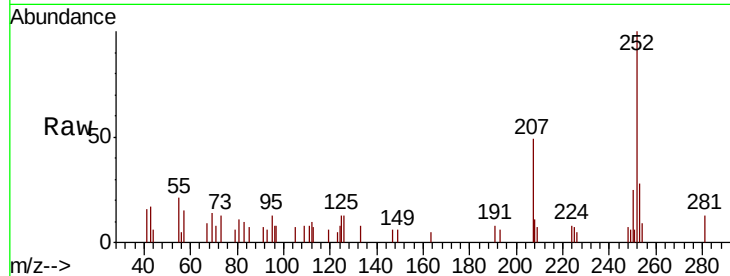




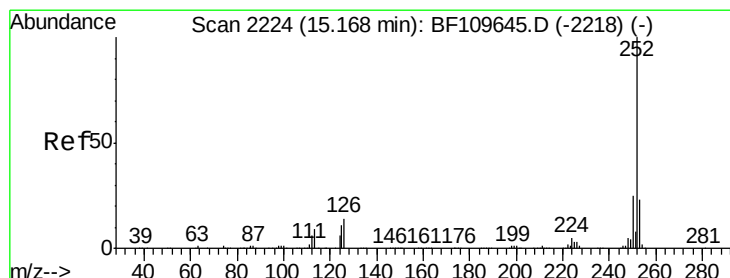
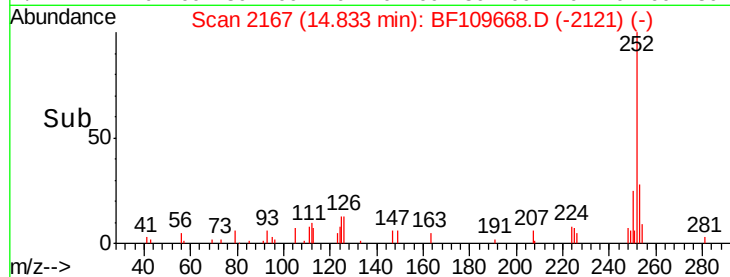
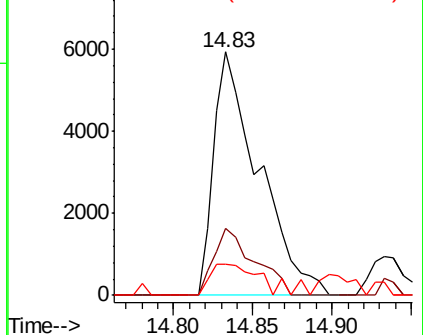
#88
Benzo(k)fluoranthene
Concen: 1.170 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Instrument :
BNA_F
ClientSampleId :
TRACK-D-5

Tgt Ion:252 Resp: 11694
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8#
125 12.6 7.4 11.0#

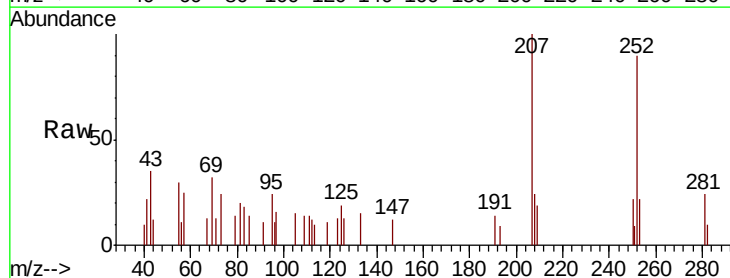


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

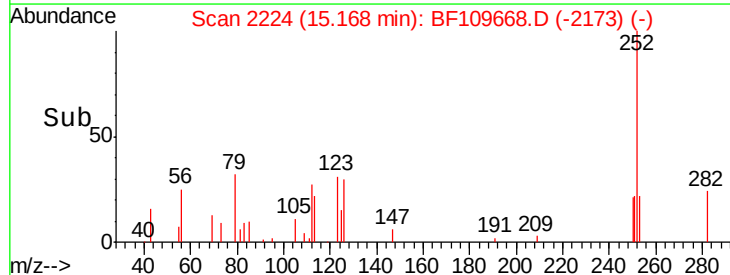
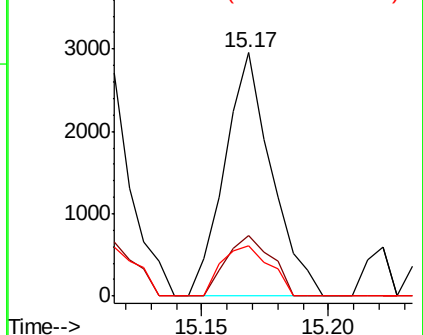


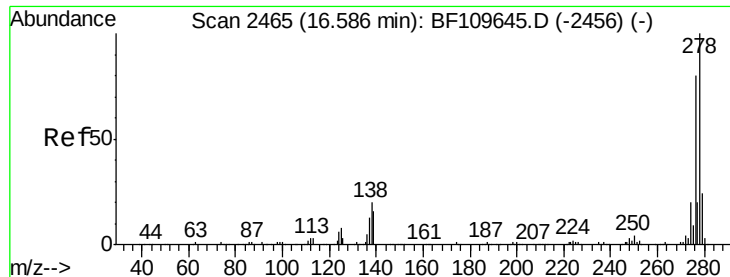
#89
Benzo(a)pyrene
Concen: 0.422 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF109668.D
Acq: 9 Oct 2018 00:45

Tgt Ion:252 Resp: 3808
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.4
125 20.7 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: 0.016 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

Instrument :

BNA_F

ClientSampleId :

TRACK-D-5

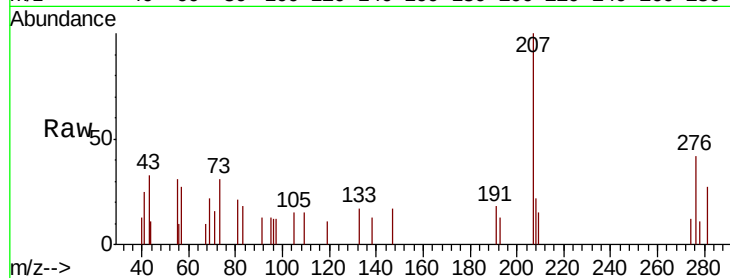
Tgt Ion:278 Resp: 117

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

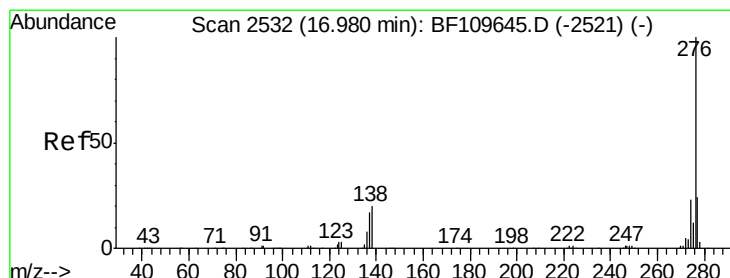
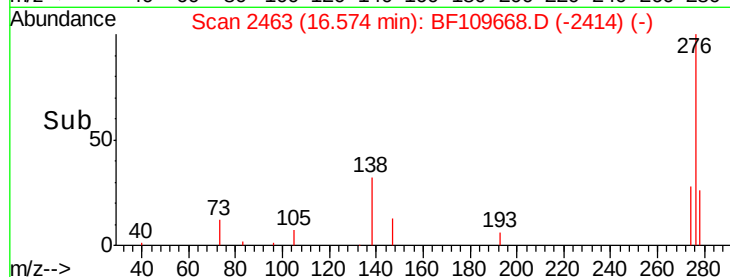
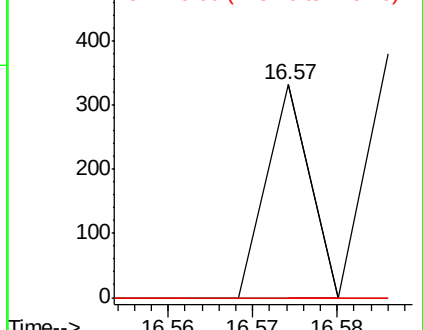
279 0.0 19.0 28.4#



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: 0.313 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF109668.D

Acq: 9 Oct 2018 00:45

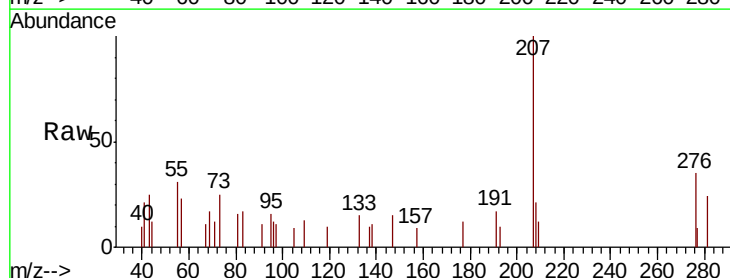
Tgt Ion:276 Resp: 2320

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 32.3 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

