

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109661.D
 Acq On : 8 Oct 2018 21:29
 Operator : JU/SJ
 Sample : J5287-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Quant Time: Oct 09 04:05:29 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	101813	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	386852	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	151564	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	246783	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224492	20.00	ng	0.00
86) Perylene-d12	15.22	264	197797	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	615905	107.38	ng	0.00
7) Phenol-d6	6.35	99	812986	106.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	517537	73.75	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	150624	91.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	772994	70.24	ng	0.00
78) Terphenyl-d14	12.78	244	580577	50.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	110	0.037	ng	# 1
6) Aniline	6.36	93	624	0.070	ng	# 1
9) Benzaldehyde	6.35	77	1551	0.315	ng	# 1
10) Phenol	6.36	94	41323	4.703	ng	# 88
11) bis(2-Chloroethyl)ether	6.47	93	916	0.126	ng	# 1
15) Benzyl Alcohol	6.85	79	8247	1.452	ng	# 60
16) 2,2'-oxybis(1-Chloropropan	6.77	45	226	0.023	ng	# 13
17) 2-Methylphenol	6.82	107	577	0.103	ng	# 1
18) Hexachloroethane	7.03	117	229	0.074	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	68326	12.715	ng	# 76
24) Nitrobenzene	7.26	77	1191	0.163	ng	# 36
25) Isophorone	7.26	82	519218	44.554	ng	# 67
31) Naphthalene	8.00	128	1656	0.093	ng	# 68
37) 2-Methylnaphthalene	8.69	142	475	0.041	ng	# 81
45) 1,1'-Biphenyl	9.16	154	985	0.073	ng	# 78
46) 2-Chloronaphthalene	9.45	162	491	0.048	ng	# 1
47) 2-Nitroaniline	9.45	65	609	0.198	ng	# 1
48) Acenaphthylene	9.59	152	4620	0.312	ng	# 95
49) Dimethylphthalate	9.45	163	82434	7.416	ng	# 99
50) 2,6-Dinitrotoluene	9.45	165	633	0.263	ng	# 19
51) Acenaphthene	9.76	154	312	0.036	ng	# 54
54) Dibenzofuran	9.94	168	442	0.034	ng	# 42
56) 2,4-Dinitrotoluene	9.72	165	18739	6.232	ng	# 18
57) Fluorene	10.27	166	326	0.033	ng	# 88
59) Diethylphthalate	10.14	149	247	0.022	ng	# 59
62) Azobenzene	10.51	77	648	0.058	ng	# 23
65) n-Nitrosodiphenylamine	10.51	169	4915	0.587	ng	# 50
66) 4-Bromophenyl-phenylether	10.51	248	8889	3.135	ng	# 1
70) Phenanthrene	11.23	178	9883	0.800	ng	# 99
71) Anthracene	11.23	178	9883	0.774	ng	# 99
72) Carbazole	11.45	167	2807	0.227	ng	# 83
73) Di-n-butylphthalate	11.76	149	1773	0.123	ng	# 77
74) Fluoranthene	12.41	202	43231	3.351	ng	# 98
76) Benzydine	12.78	184	7571	0.908	ng	# 97

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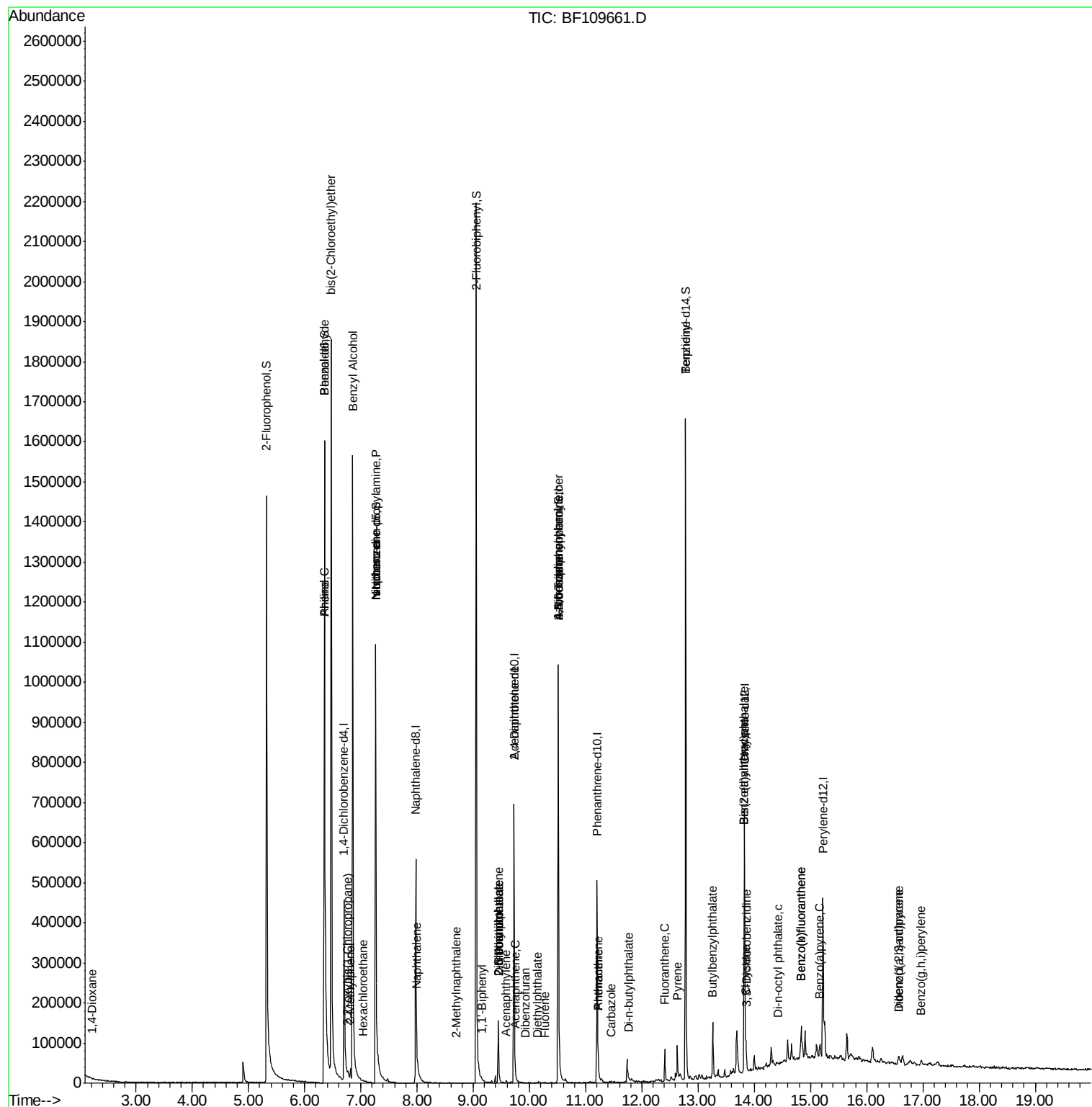
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.63	202	43111	2.621	ng	100
79) Butylbenzylphthalate	13.25	149	1004	0.141	ng	# 58
80) Benzo(a)anthracene	13.82	228	28392	2.292	ng	93
81) 3,3'-Dichlorobenzidine	13.86	252	143	0.029	ng	# 42
82) Chrysene	13.85	228	25731	1.977	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	2179	0.250	ng	# 88
84) Di-n-octyl phthalate	14.42	149	815	0.059	ng	# 73
85) Indeno(1,2,3-cd)pyrene	16.57	276	12561	1.349	ng	96
87) Benzo(b)fluoranthene	14.83	252	50905	4.657	ng	# 97
88) Benzo(k)fluoranthene	14.83	252	50905	4.635	ng	# 96
89) Benzo(a)pyrene	15.17	252	17445	1.759	ng	# 93
90) Dibenzo(a,h)anthracene	16.58	278	3848	0.472	ng	# 56
91) Benzo(g,h,i)perylene	16.97	276	10932	1.344	ng	97

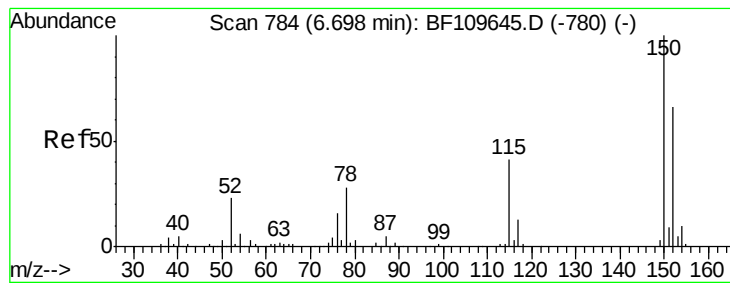
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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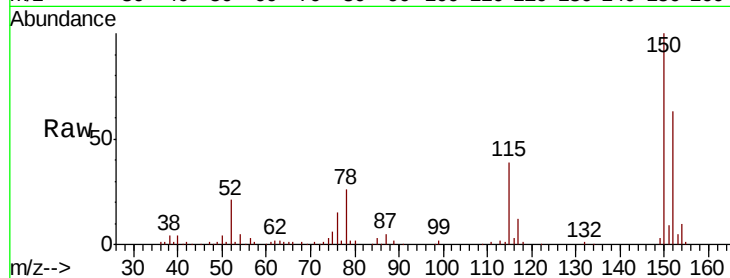




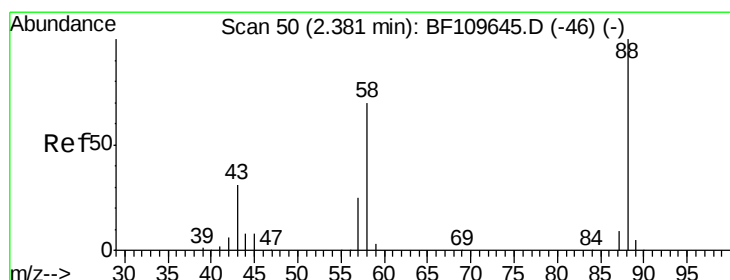
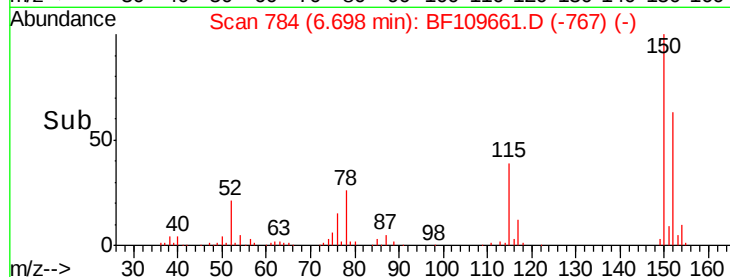
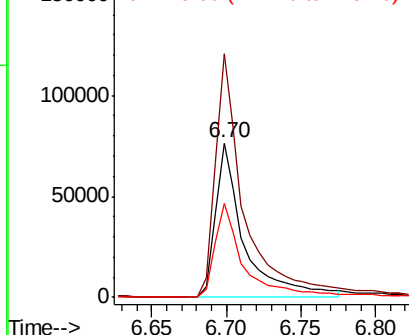
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion:152 Resp: 101813
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.7 184.1
 115 60.7 49.1 73.7

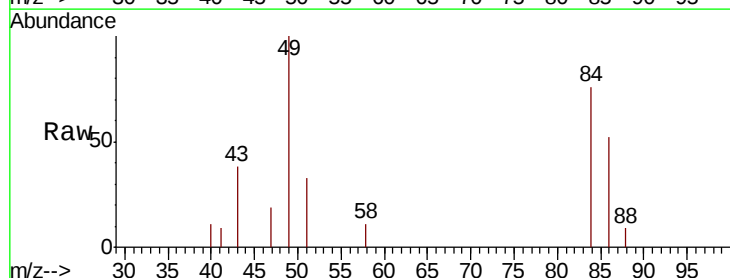


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

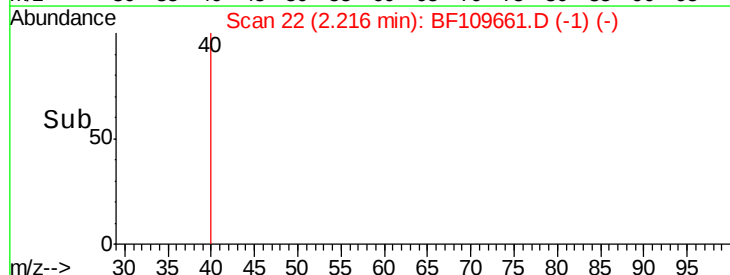
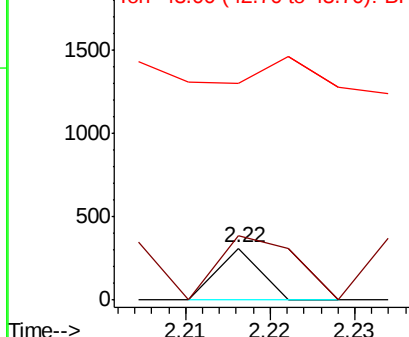


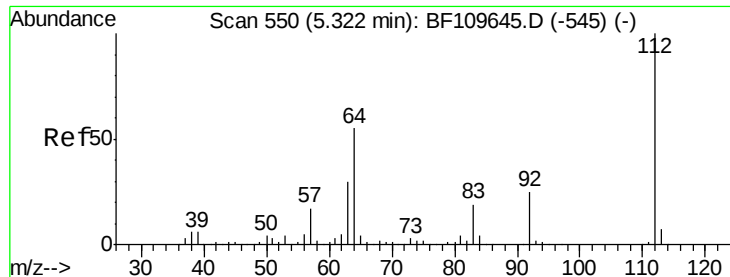
#2
 1,4-Dioxane
 Concen: 0.037 ng
 RT: 2.22 min Scan# 22
 Delta R.T. -0.16 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion: 88 Resp: 110
 Ion Ratio Lower Upper
 88 100
 58 224.5 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: 107.378 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

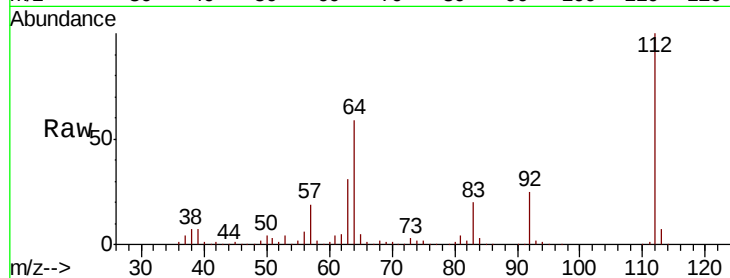
Tgt Ion:112 Resp: 615905

Ion Ratio Lower Upper

112 100

64 58.9 44.1 66.1

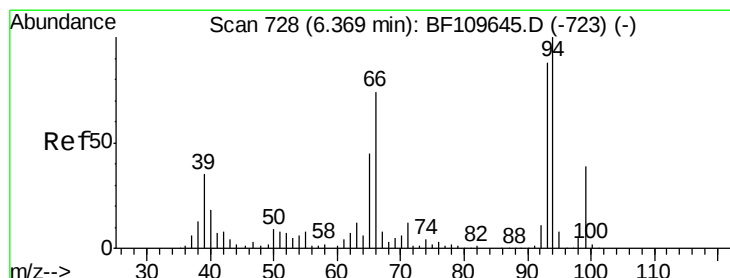
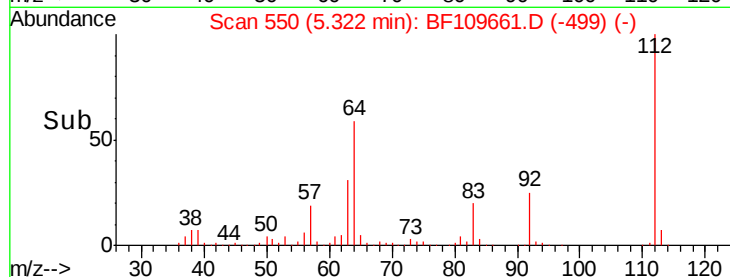
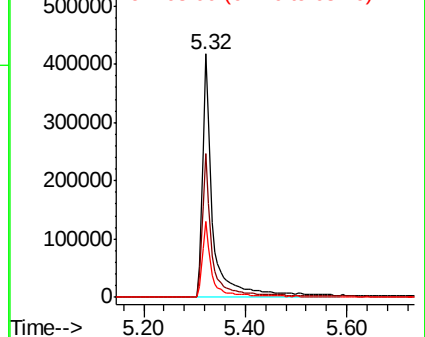
63 31.4 23.7 35.5



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: 0.070 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

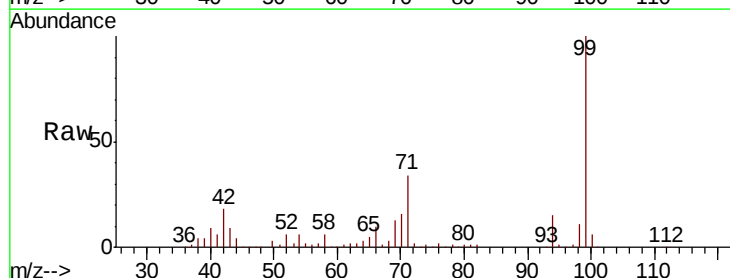
Tgt Ion: 93 Resp: 624

Ion Ratio Lower Upper

93 100

66 2589.1 67.4 101.0#

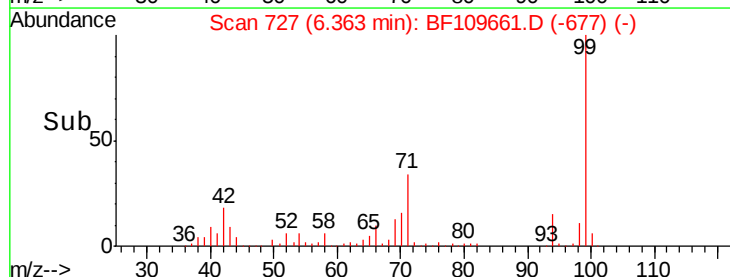
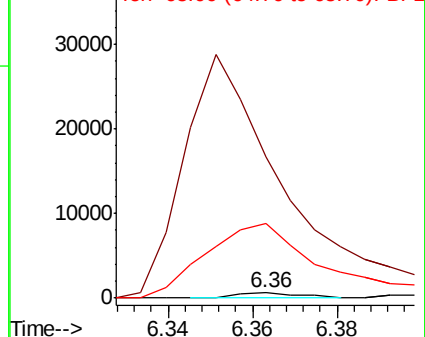
65 1371.5 41.0 61.4#

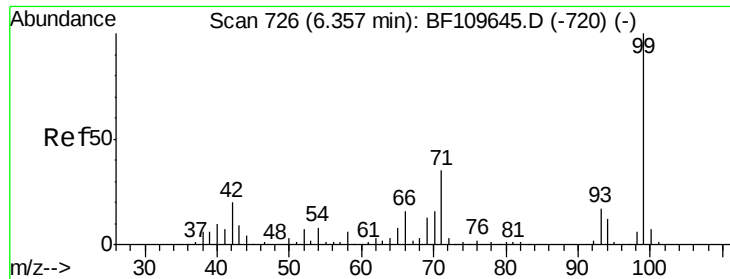


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.100 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

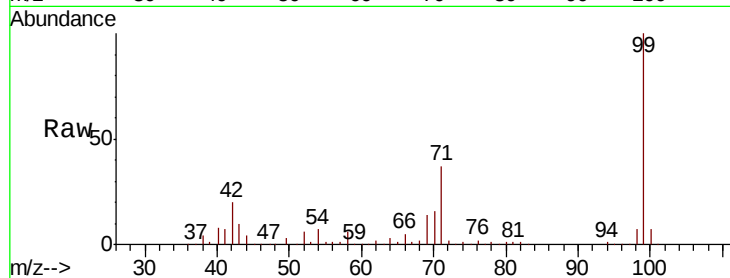
Tgt Ion: 99 Resp: 812986

Ion Ratio Lower Upper

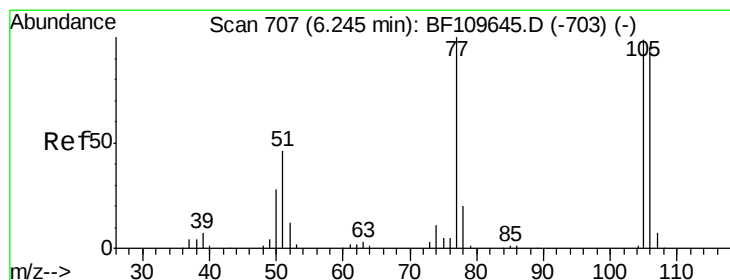
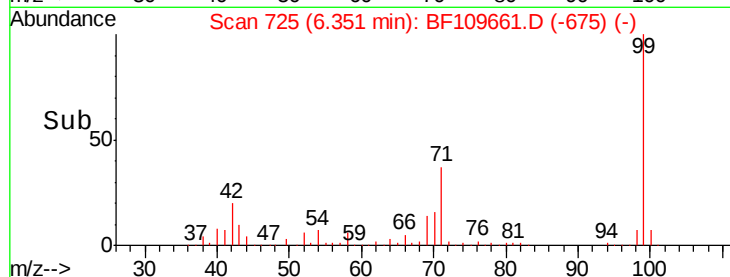
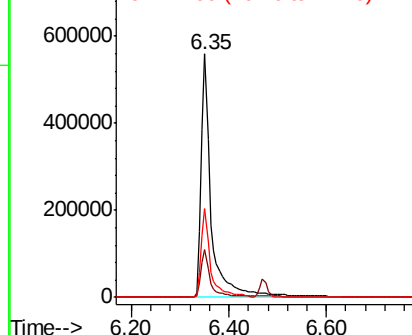
99 100

42 19.6 15.8 23.6

71 36.7 28.0 42.0



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



#9

Benzaldehyde

Concen: 0.315 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.11 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

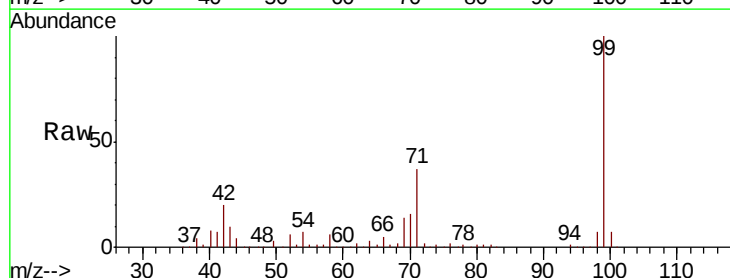
Tgt Ion: 77 Resp: 1551

Ion Ratio Lower Upper

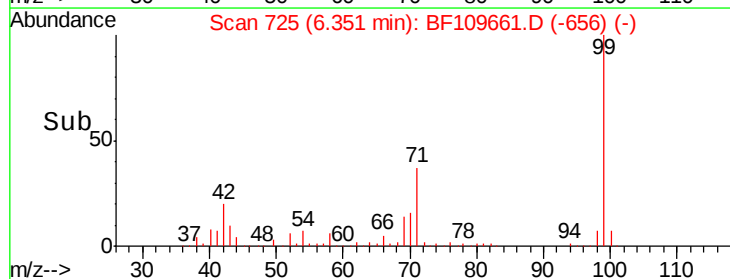
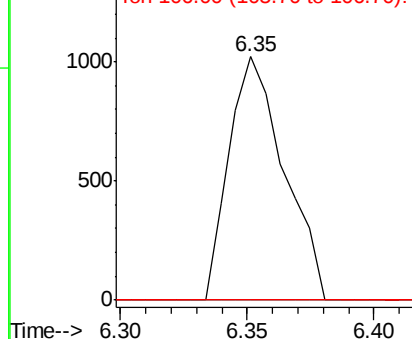
77 100

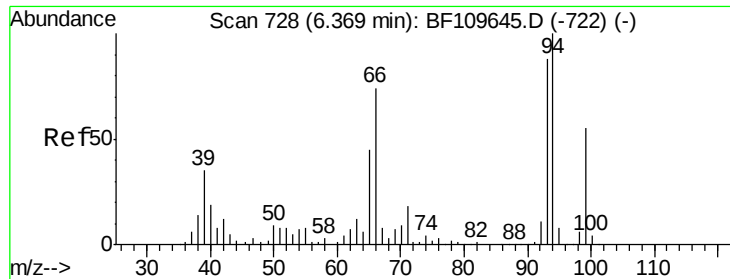
105 0.0 78.6 118.6#

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: 4.703 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

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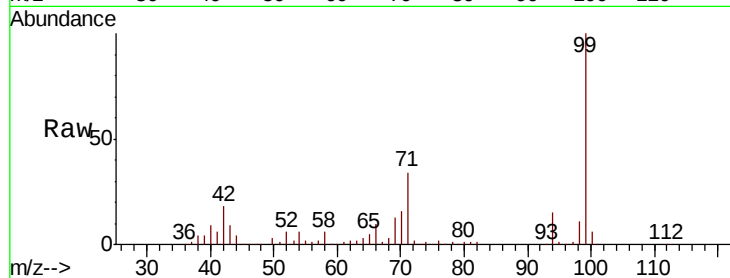
Tgt Ion: 94 Resp: 41323

Ion Ratio Lower Upper

94 100

65 35.3 25.3 65.3

66 66.5 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

200000

150000

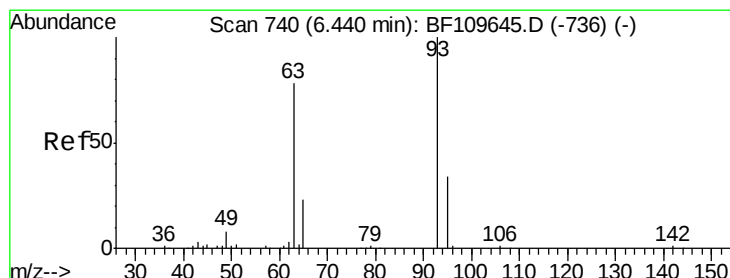
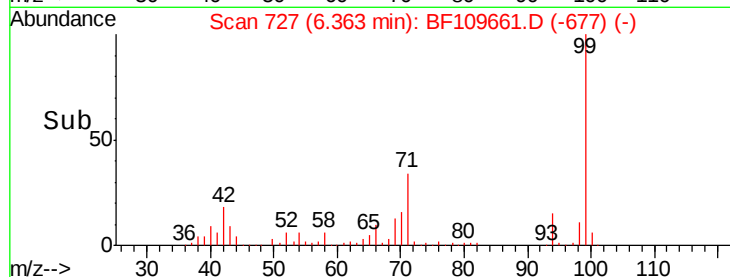
100000

50000

0



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 0.126 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

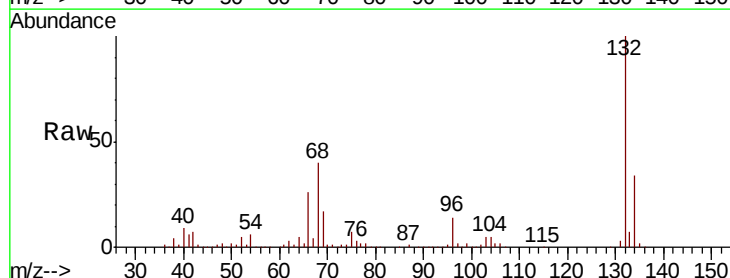
Tgt Ion: 93 Resp: 916

Ion Ratio Lower Upper

93 100

63 542.1 53.4 93.4#

95 259.1 12.1 52.1#



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

6000

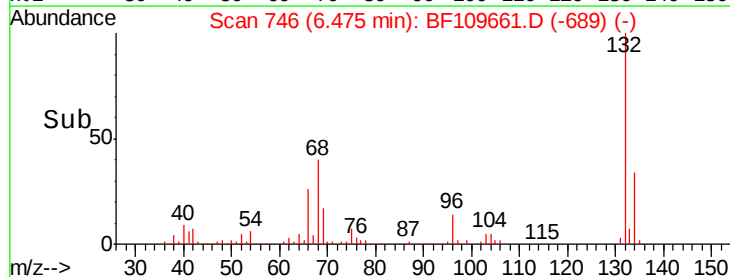
4000

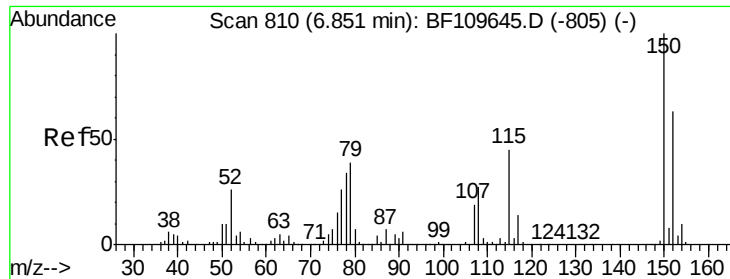
2000

0



Time-->





#15

Benzyl Alcohol

Concen: 1.452 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

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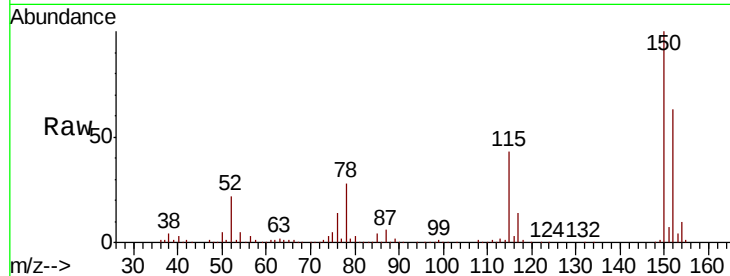
Tgt Ion: 79 Resp: 8247

Ion Ratio Lower Upper

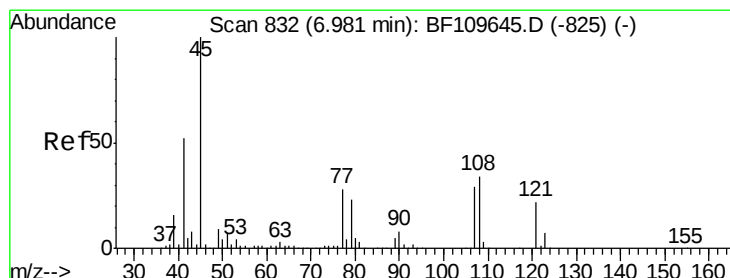
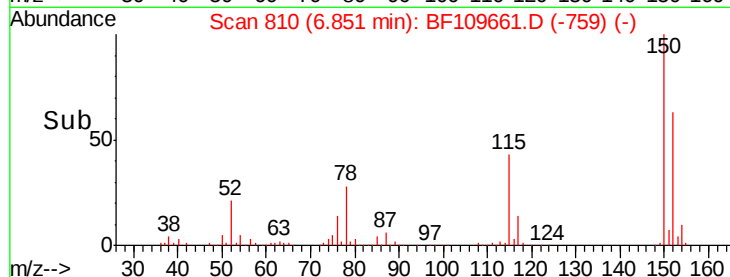
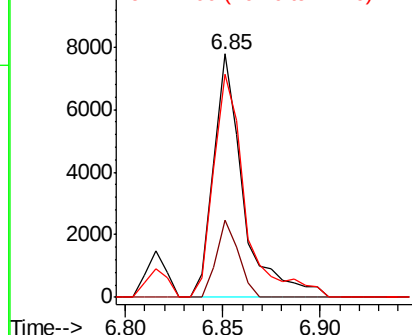
79 100

108 31.6 56.3 84.5#

77 91.5 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.023 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.21 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

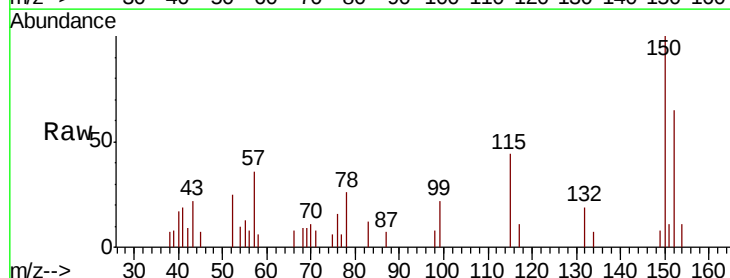
Tgt Ion: 45 Resp: 226

Ion Ratio Lower Upper

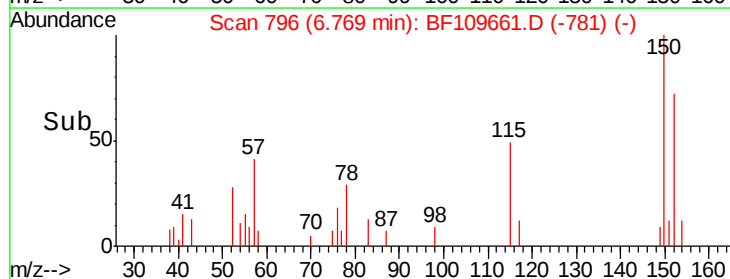
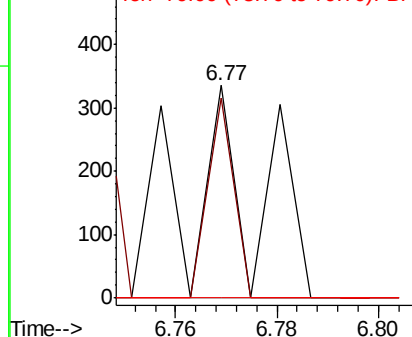
45 100

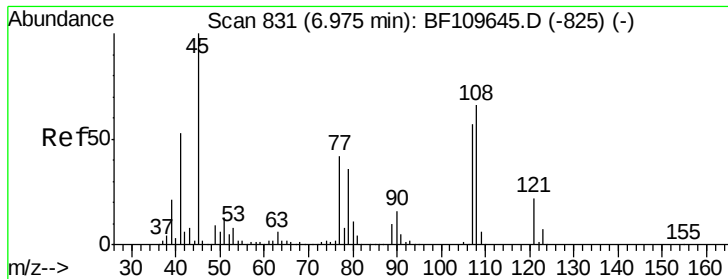
77 94.0 10.0 50.0#

79 0.0 6.1 46.1#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

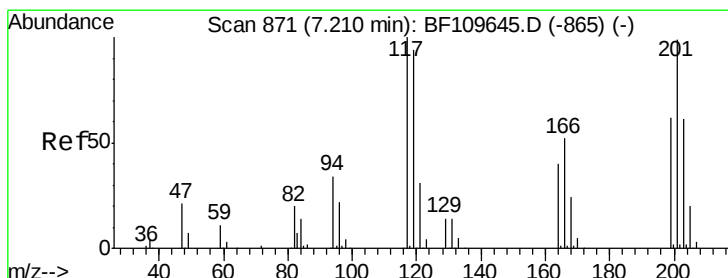
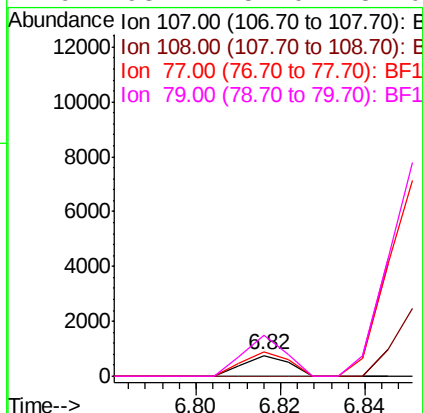
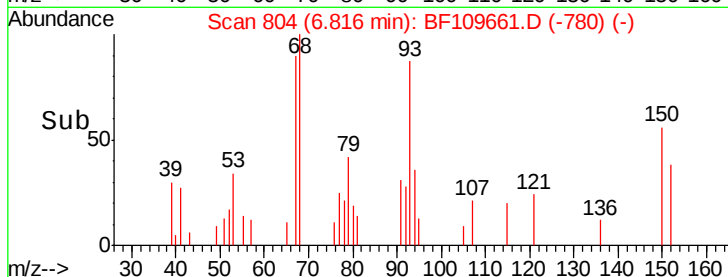
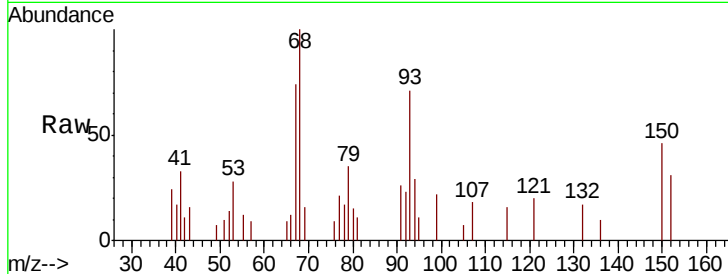




#17
2-Methylphenol
Concen: 0.103 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.16 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

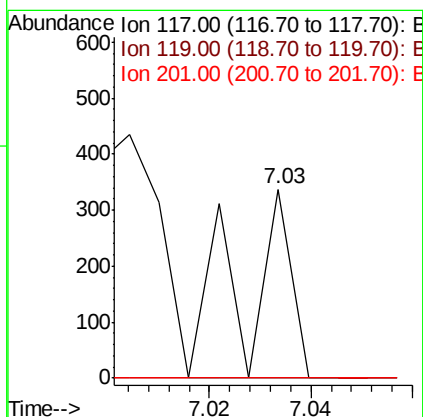
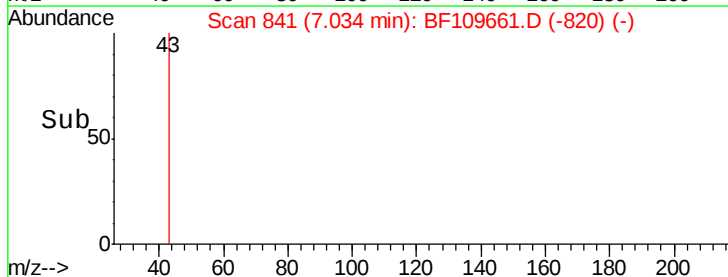
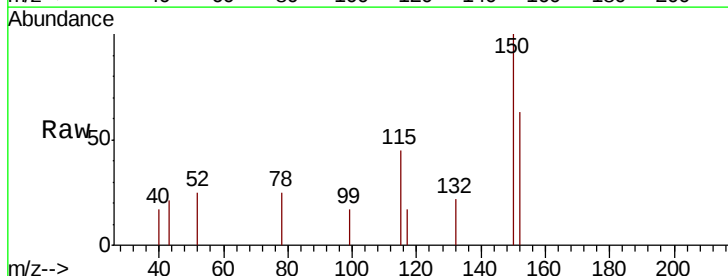
Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

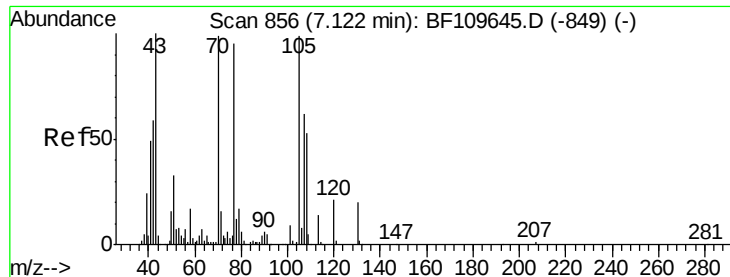
Tgt Ion:107 Resp: 577
Ion Ratio Lower Upper
107 100
108 0.0 92.6 138.8#
77 119.0 59.4 89.2#
79 198.1 54.0 81.0#



#18
Hexachloroethane
Concen: 0.074 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.18 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:117 Resp: 229
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 79.2 118.8#

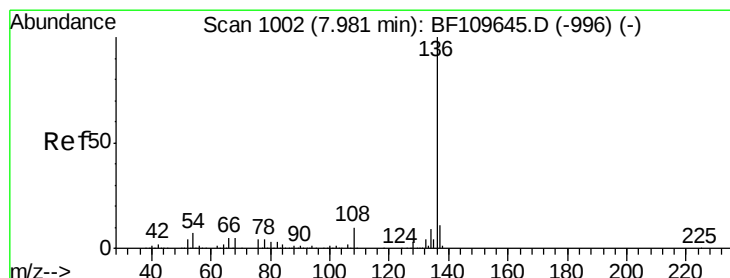
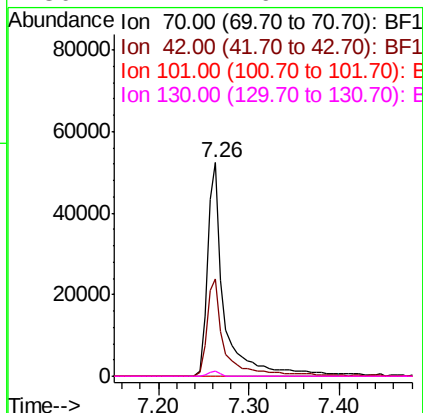
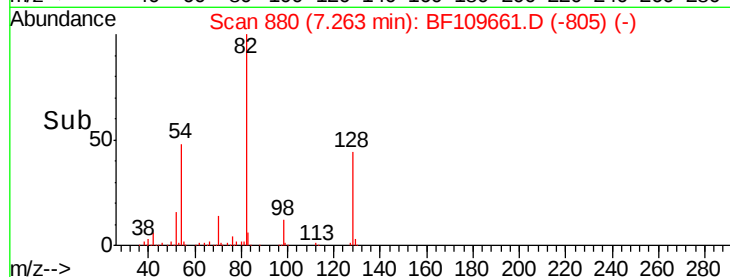
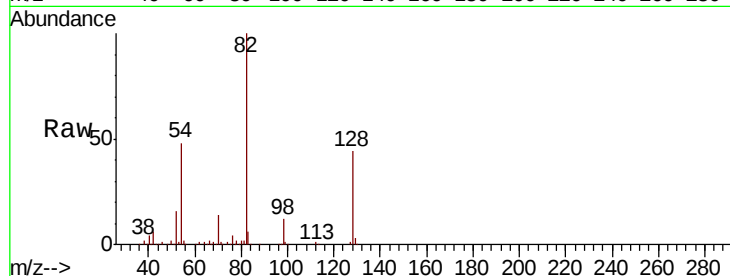




#19
n-Nitroso-di-n-propylamine
Concen: 12.715 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

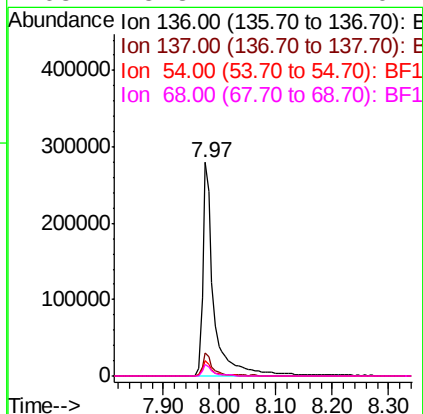
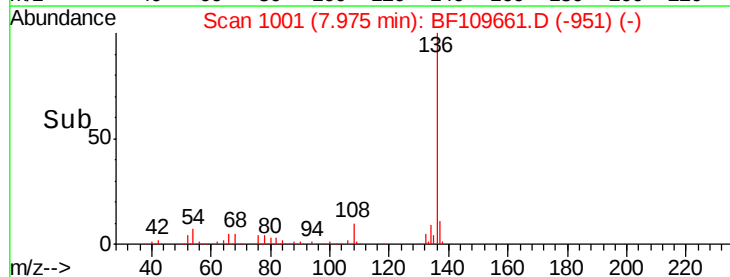
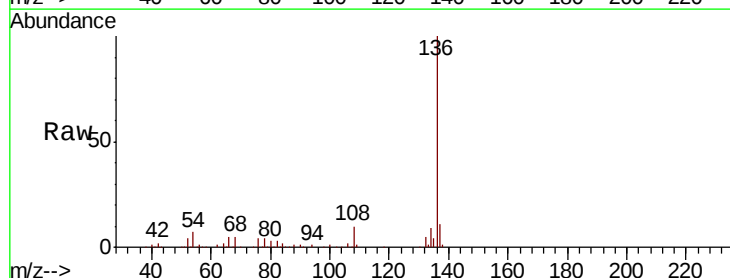
Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

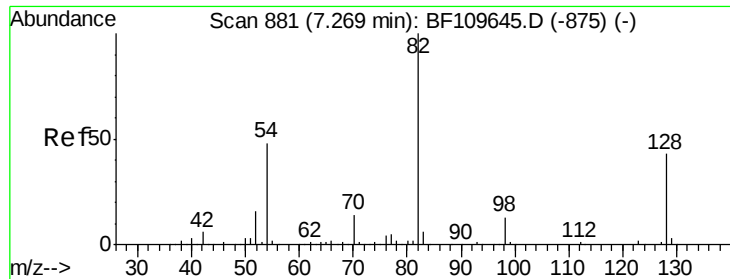
Tgt Ion: 70 Resp: 68326
Ion Ratio Lower Upper
70 100
42 45.8 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion: 136 Resp: 386852
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.1 5.4 8.2
68 5.3 4.2 6.2

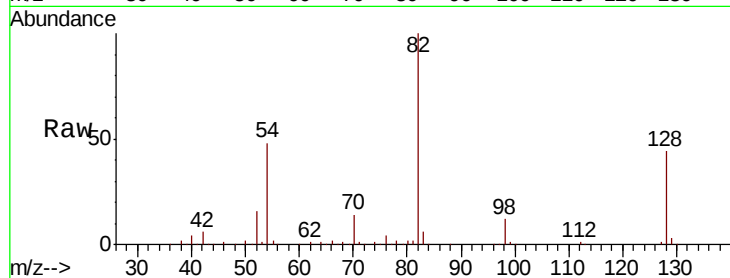




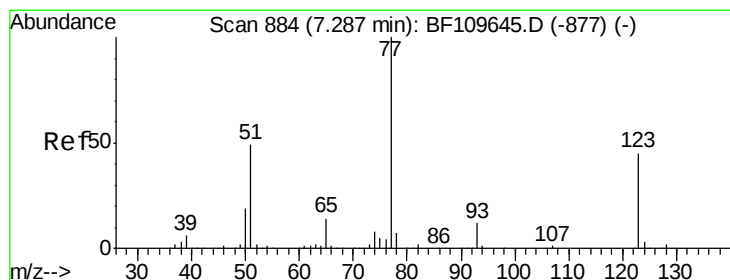
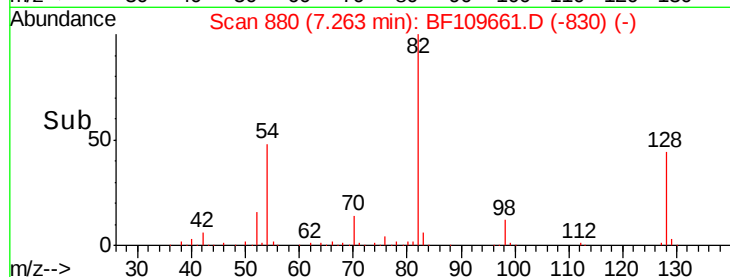
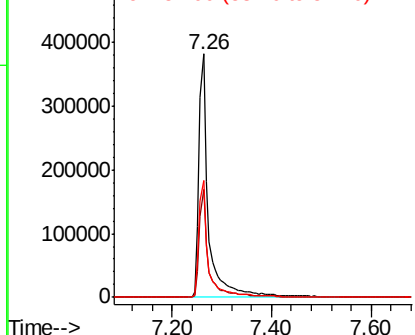
#23
Nitrobenzene-d5
Concen: 73.745 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tgt Ion: 82 Resp: 517537
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.2
54 47.8 38.6 58.0

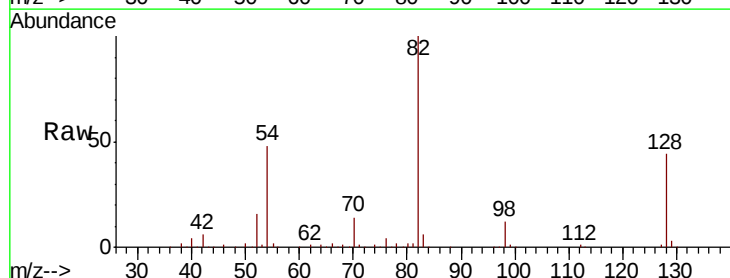


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

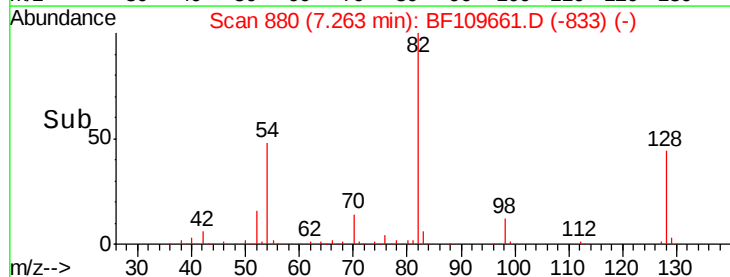
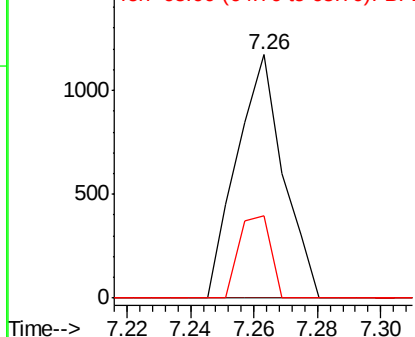


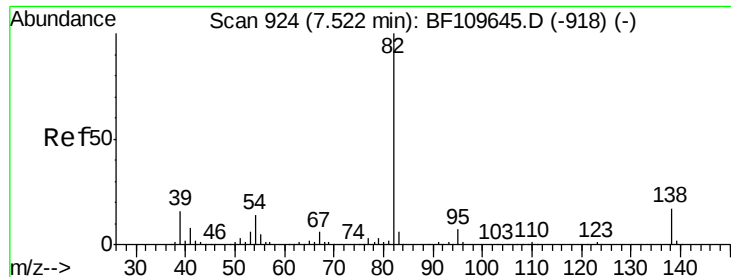
#24
Nitrobenzene
Concen: 0.163 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion: 77 Resp: 1191
Ion Ratio Lower Upper
77 100
123 0.0 35.7 53.5#
65 33.6 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: 44.554 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

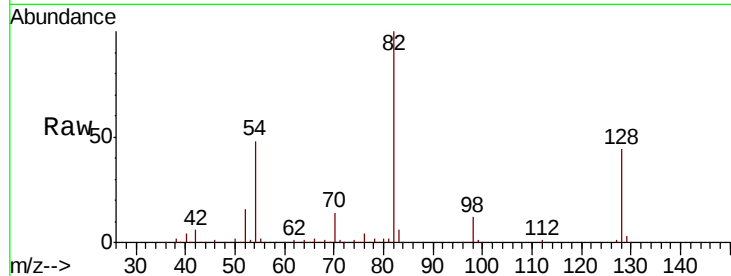
Tgt Ion: 82 Resp: 519218

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

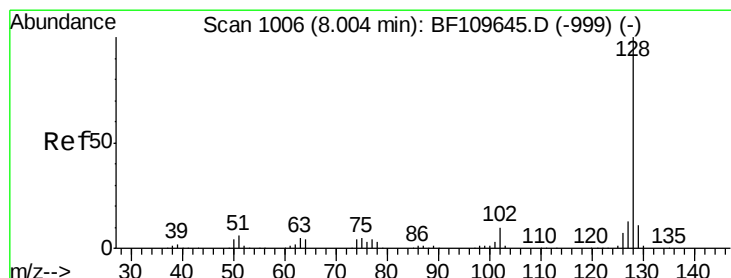
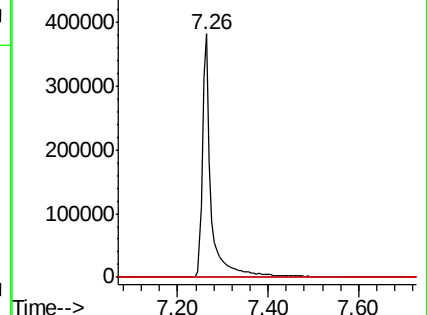
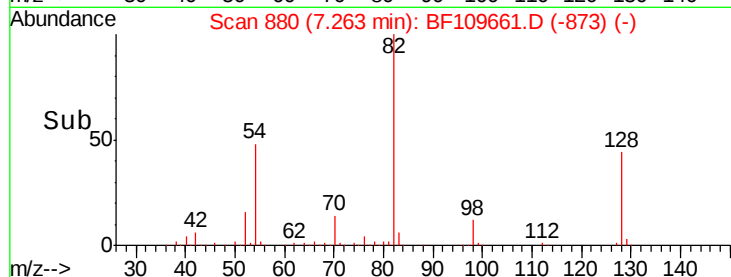
138 0.0 13.2 19.8#



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: 0.093 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

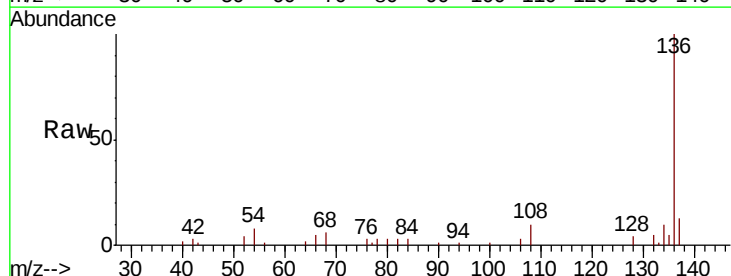
Tgt Ion: 128 Resp: 1656

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

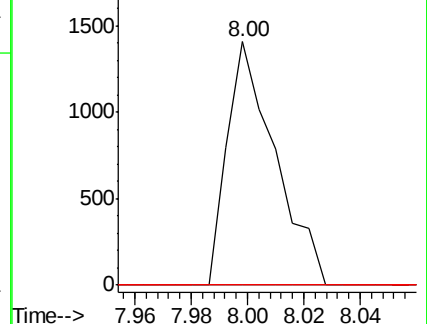
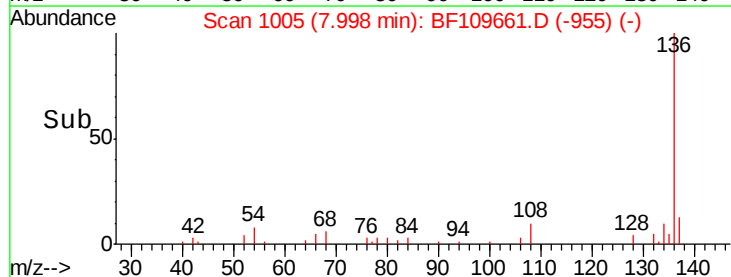
127 0.0 10.8 16.2#

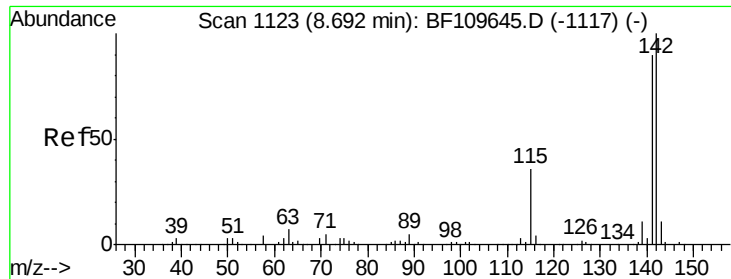


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

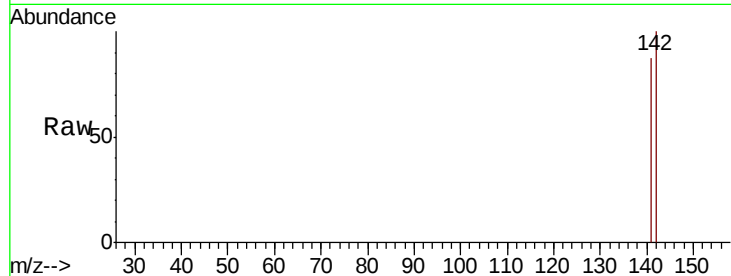




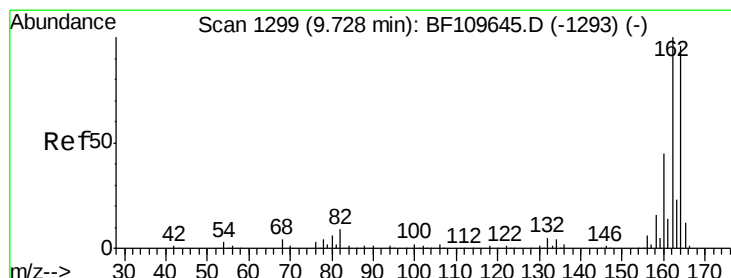
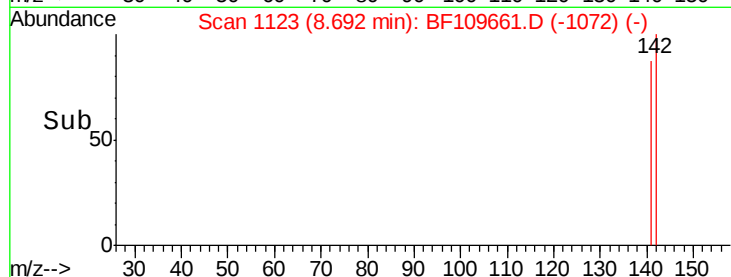
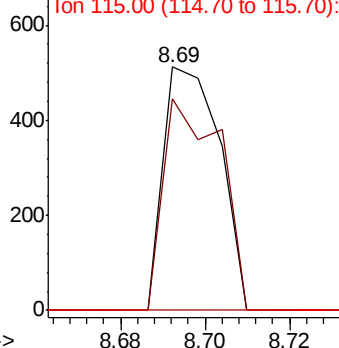
#37
 2-Methylnaphthalene
 Concen: 0.041 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion:142 Resp: 475
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.4 107.2
 115 0.0 28.7 43.1#

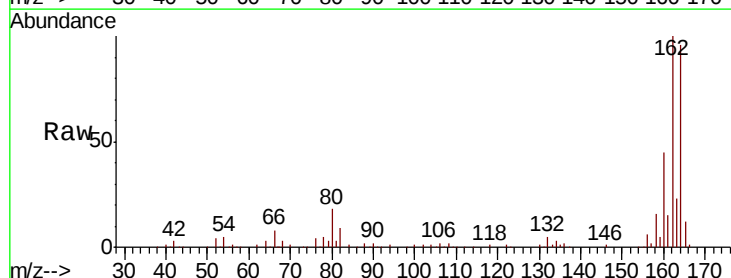


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

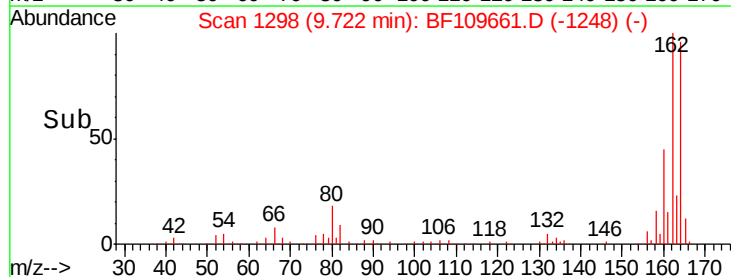
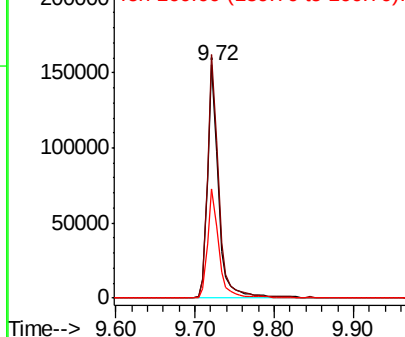


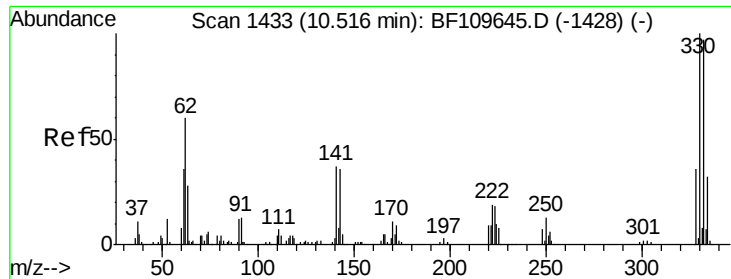
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:164 Resp: 151564
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.0 124.6
 160 47.0 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

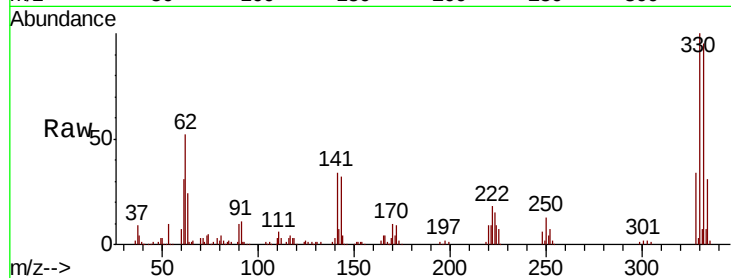




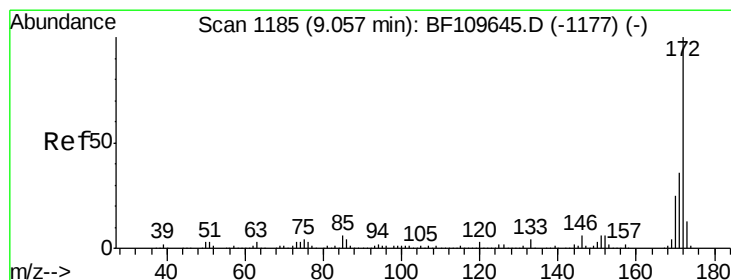
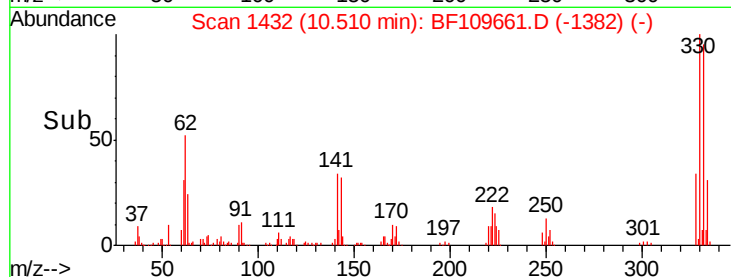
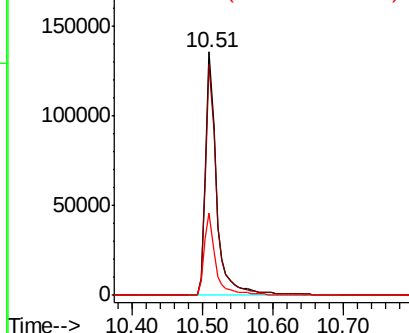
#41
 2,4,6-Tribromophenol
 Concen: 91.207 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion:330 Resp: 150624
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 33.8 27.0 40.4

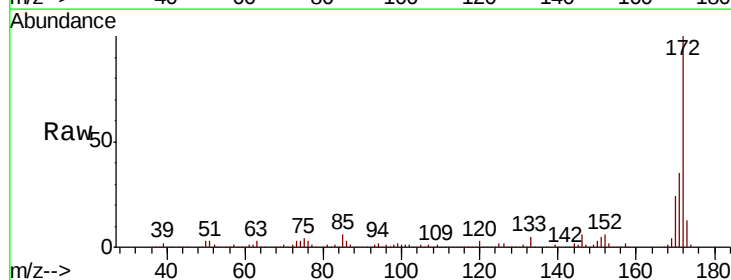


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

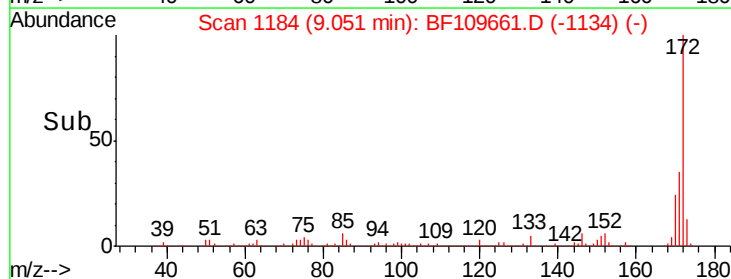
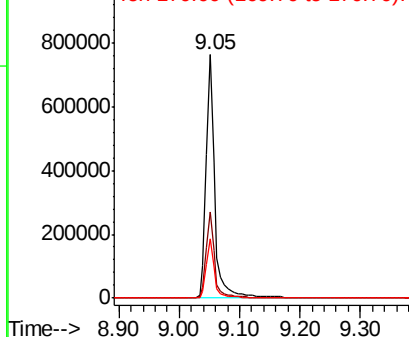


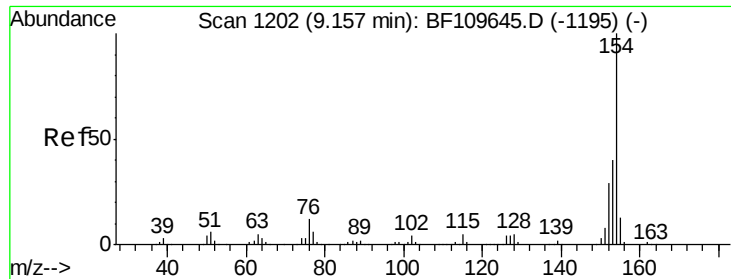
#44
 2-Fluorobiphenyl
 Concen: 70.241 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:172 Resp: 772994
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 24.2 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

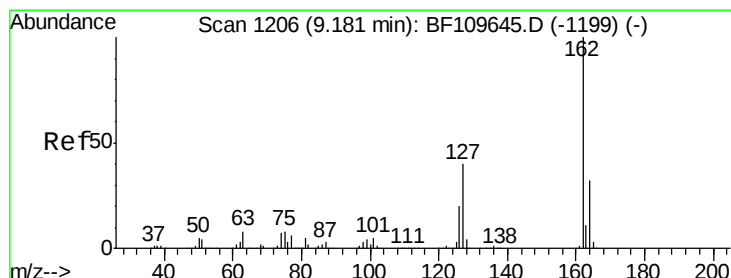
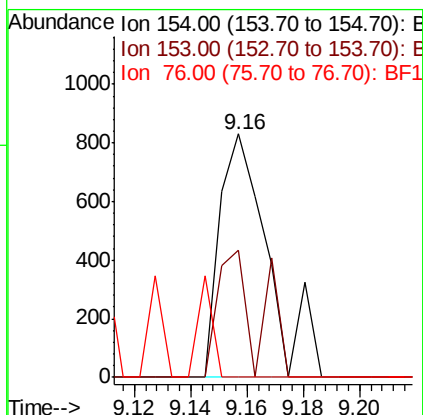
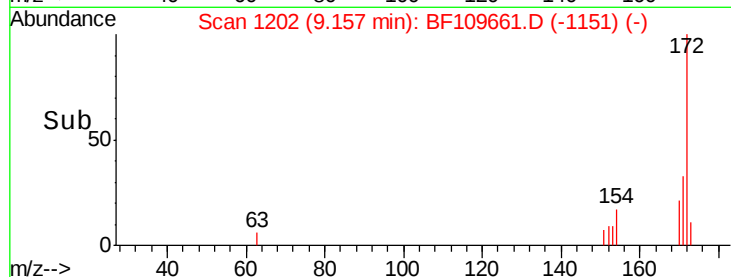
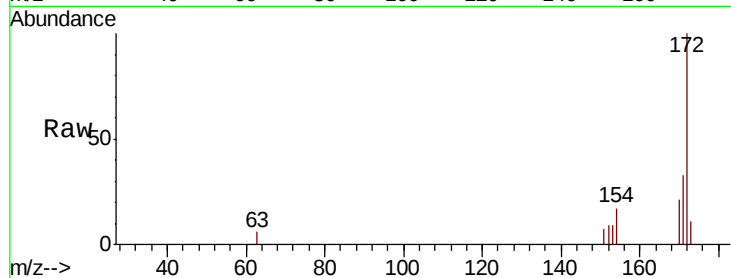




#45
 1,1'-Biphenyl
 Concen: 0.073 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

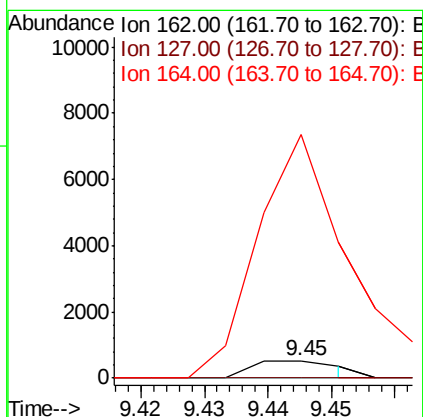
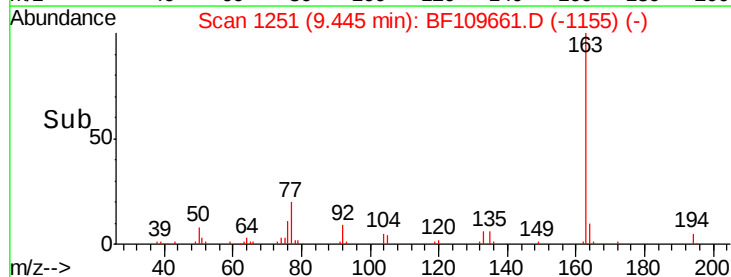
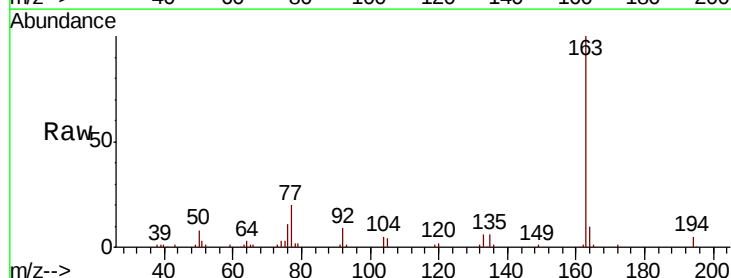
Instrument :
 BNA_F
 ClientSampled :
 TRACK-D-3

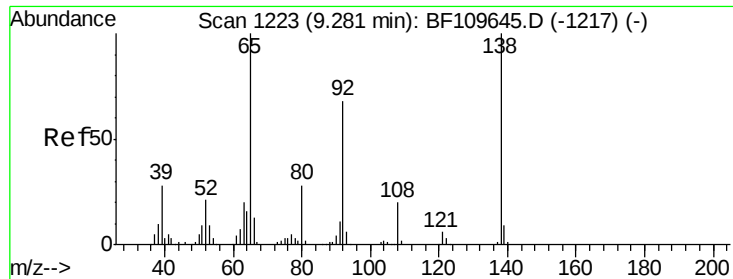
Tgt Ion:154 Resp: 985
 Ion Ratio Lower Upper
 154 100
 153 52.3 20.4 60.4
 76 0.0 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 0.048 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.26 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:162 Resp: 491
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 48.8#
 164 1428.5 25.9 38.9#

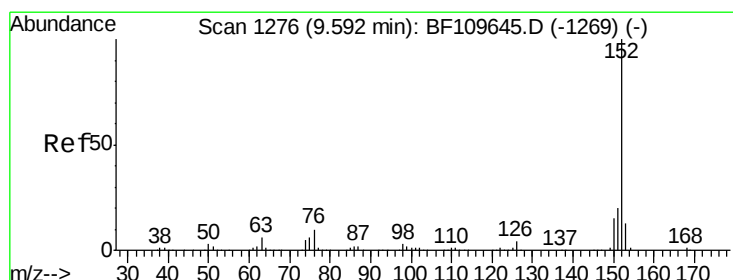
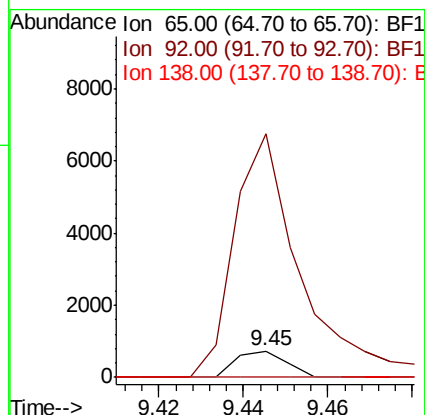
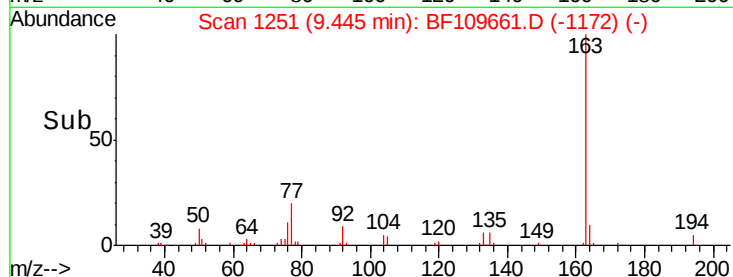
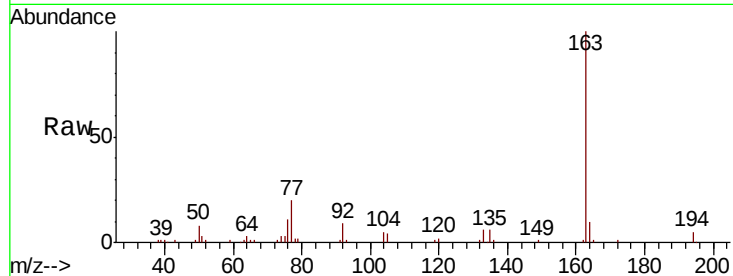




#47
2-Nitroaniline
Concen: 0.198 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.16 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

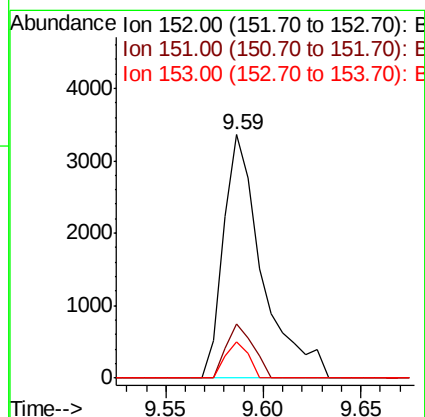
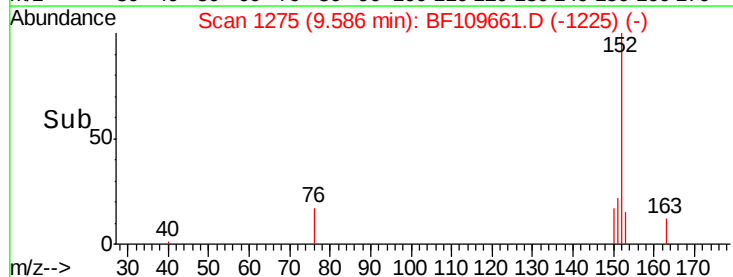
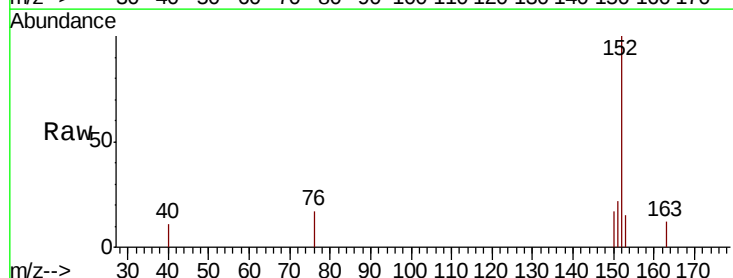
Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

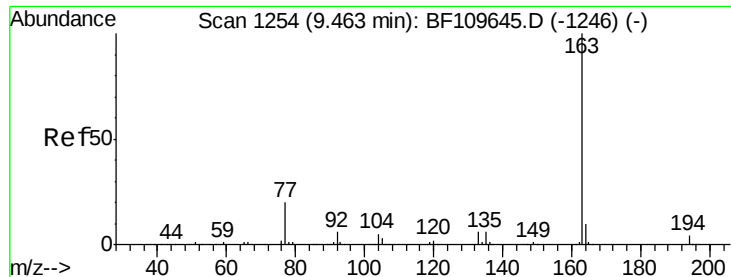
Tgt Ion: 65 Resp: 609
Ion Ratio Lower Upper
65 100
92 921.3 54.6 81.8#
138 0.0 80.3 120.5#



#48
Acenaphthylene
Concen: 0.312 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion: 152 Resp: 4620
Ion Ratio Lower Upper
152 100
151 22.3 15.8 23.8
153 14.9 10.4 15.6

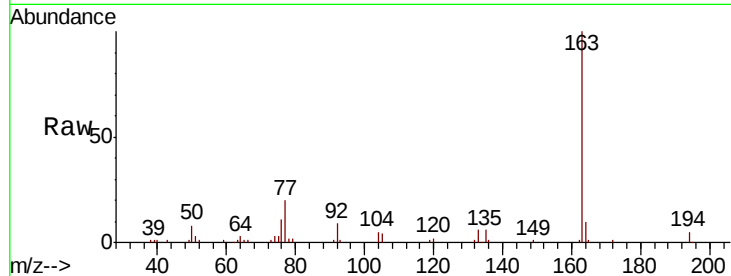




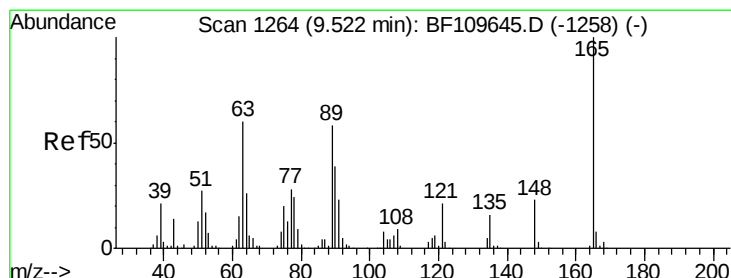
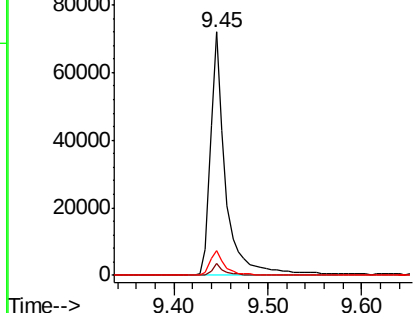
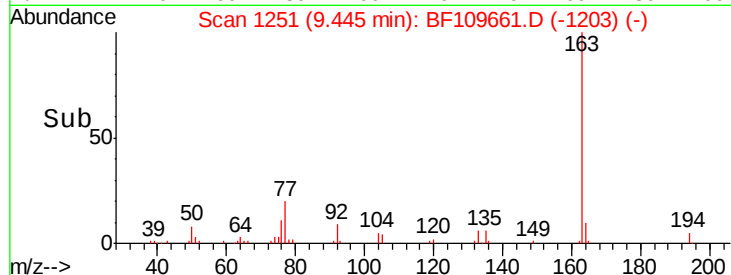
#49
Dimethylphthalate
Concen: 7.416 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tgt Ion:163 Resp: 82434
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 10.2 8.1 12.1

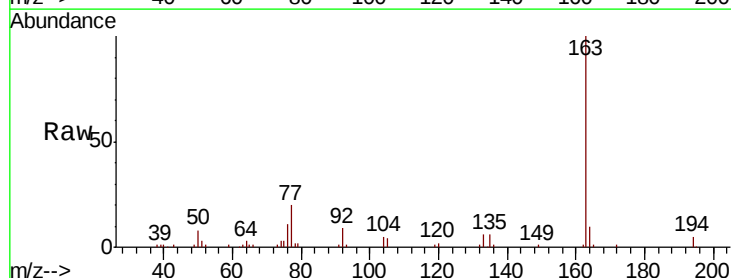


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

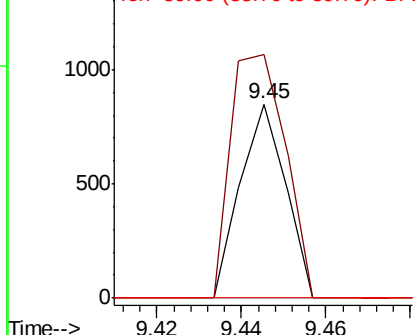
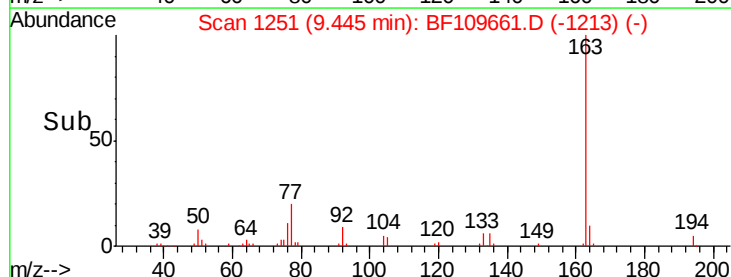


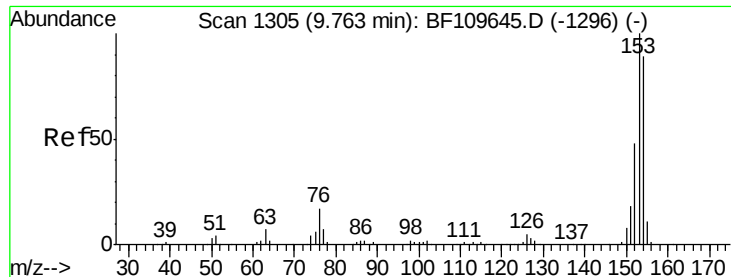
#50
2,6-Dinitrotoluene
Concen: 0.263 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.08 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:165 Resp: 633
Ion Ratio Lower Upper
165 100
63 125.7 48.9 73.3#
89 0.0 46.6 69.8#



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





#51

Acenaphthene

Concen: 0.036 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

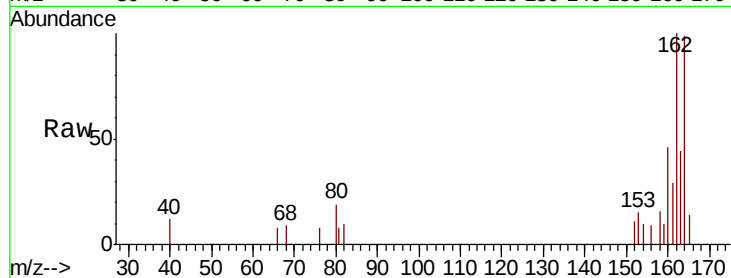
Tgt Ion:154 Resp: 312

Ion Ratio Lower Upper

154 100

153 146.2 90.1 135.1#

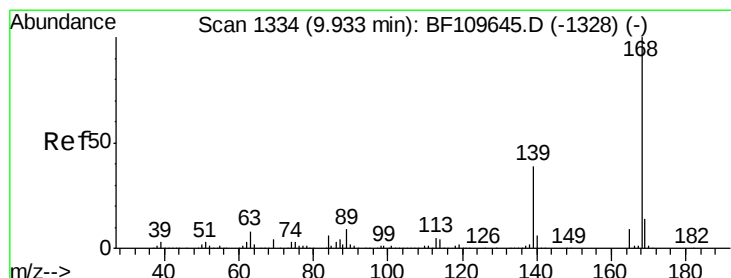
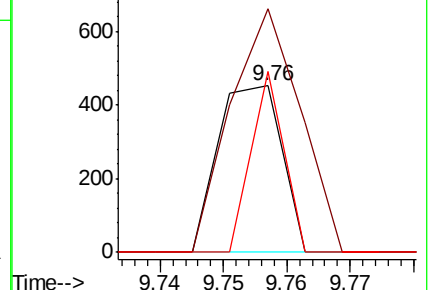
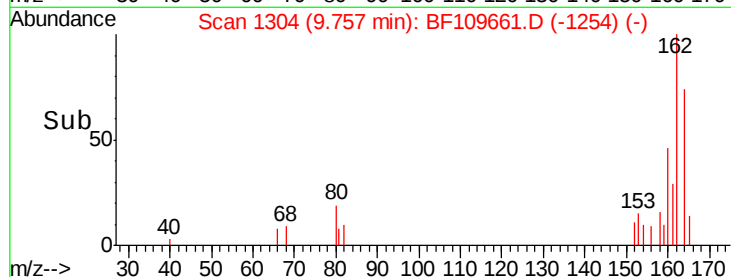
152 108.8 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.034 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

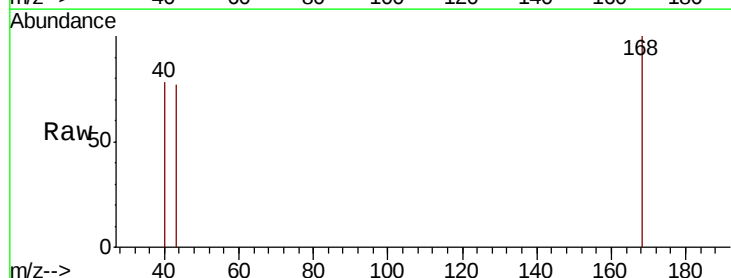
Tgt Ion:168 Resp: 442

Ion Ratio Lower Upper

168 100

139 0.0 33.0 49.6#

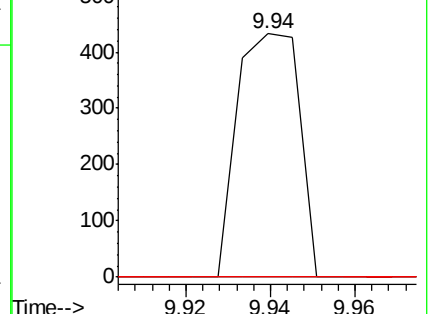
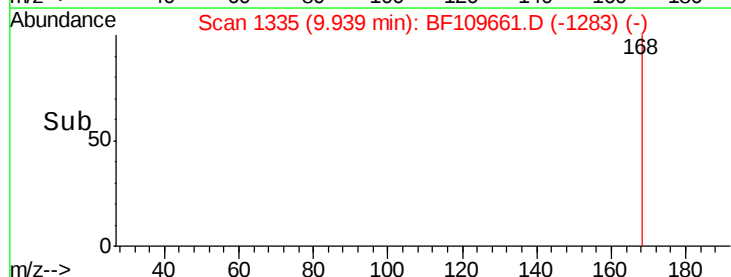
169 0.0 11.3 16.9#

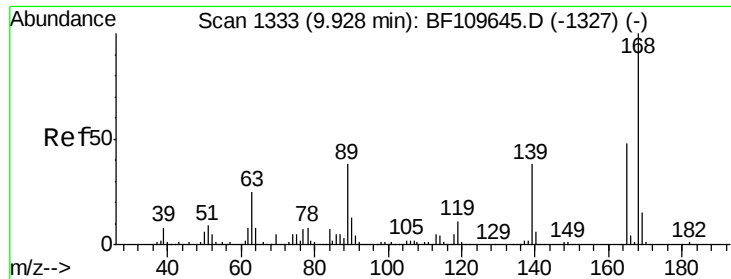


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

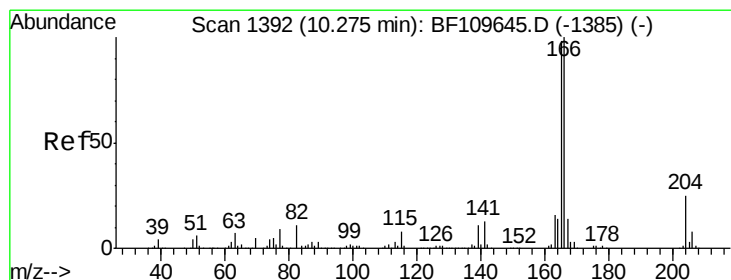
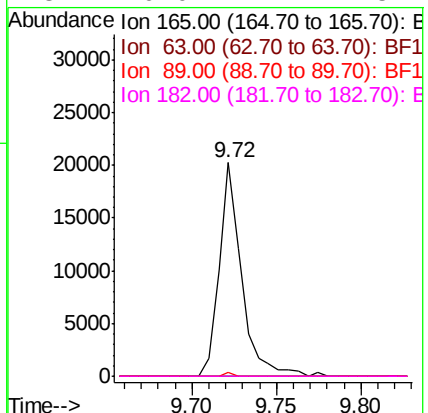
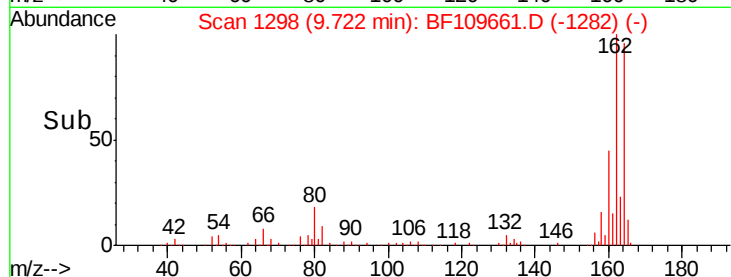
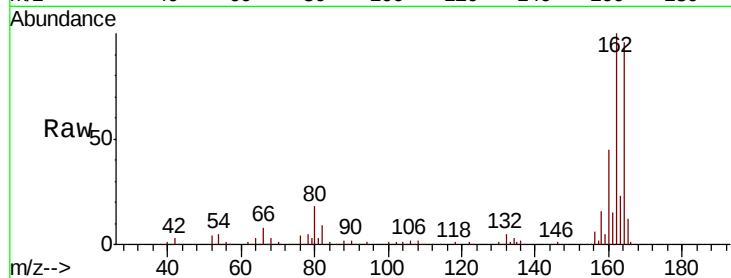




#56
 2,4-Dinitrotoluene
 Concen: 6.232 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

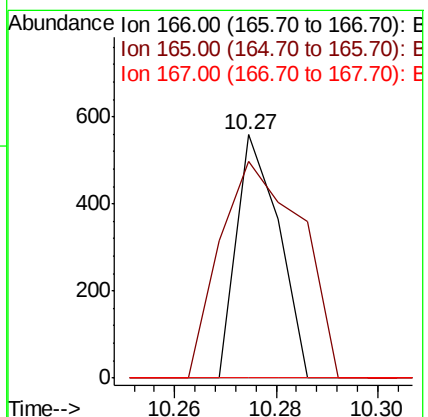
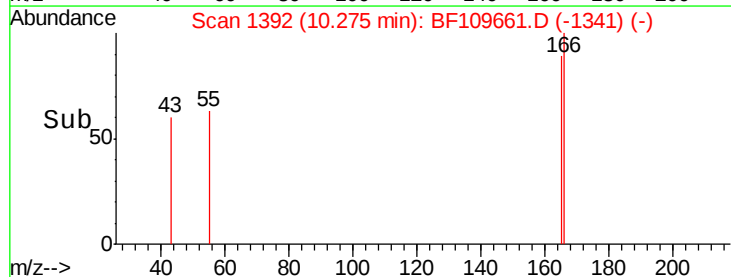
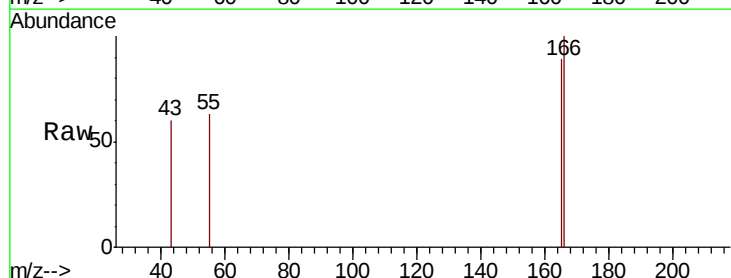
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

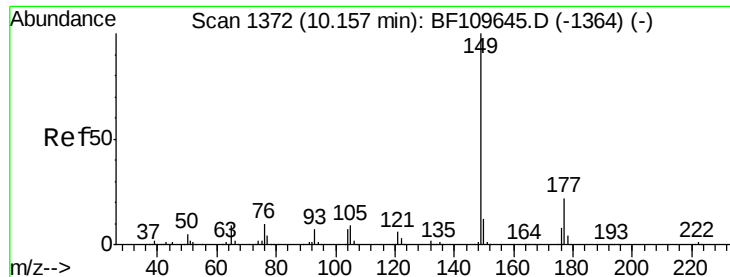
Tgt Ion:	165	Resp:	18739
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#57
 Fluorene
 Concen: 0.033 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:	166	Resp:	326
Ion	Ratio	Lower	Upper
166	100		
165	89.3	78.6	117.8
167	0.0	10.8	16.2#





#59

Diethylphthalate

Concen: 0.022 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

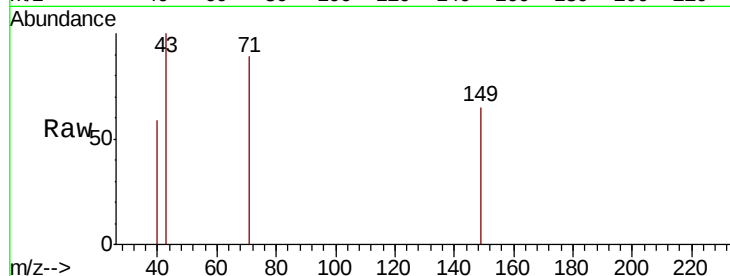
Tgt Ion: 149 Resp: 247

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

150 0.0 9.8 14.8#

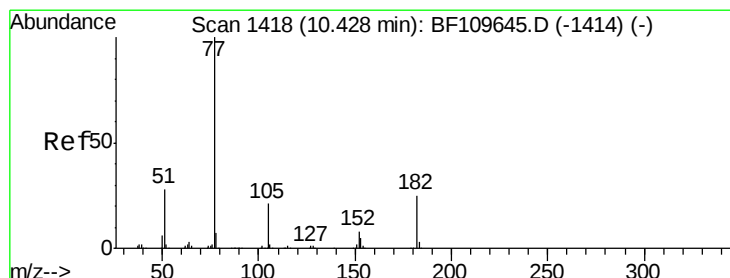
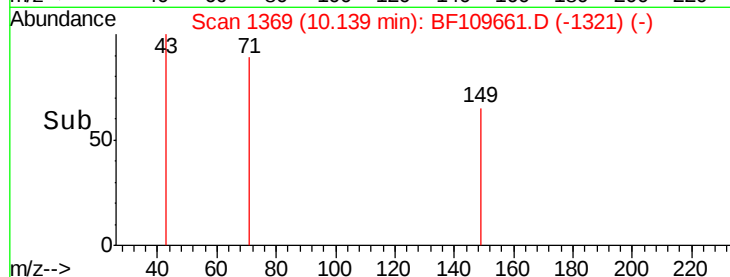
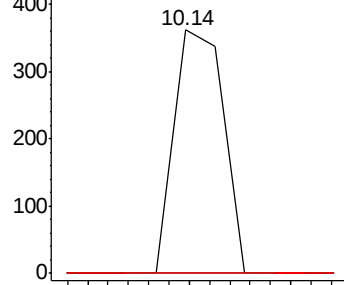


Abundance

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: 0.058 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.08 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Tgt Ion: 77 Resp: 648

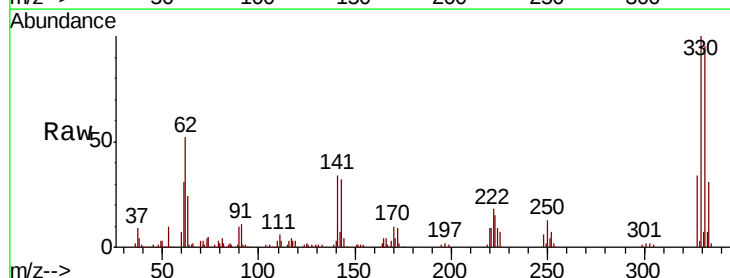
Ion Ratio Lower Upper

77 100

182 0.0 4.3 44.3#

105 75.0 1.3 41.3#

51 68.7 9.0 49.0#



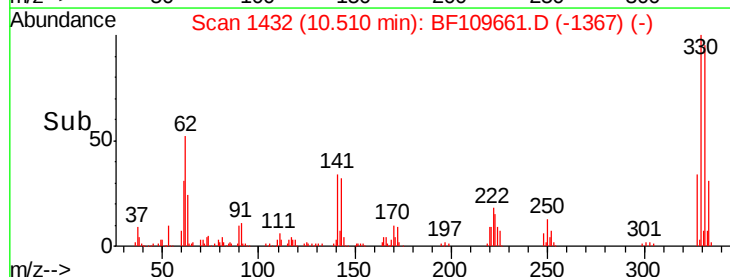
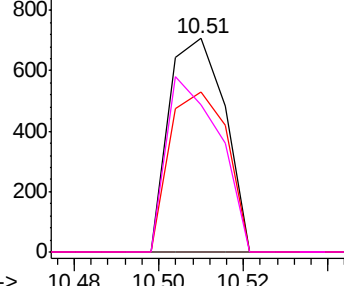
Abundance

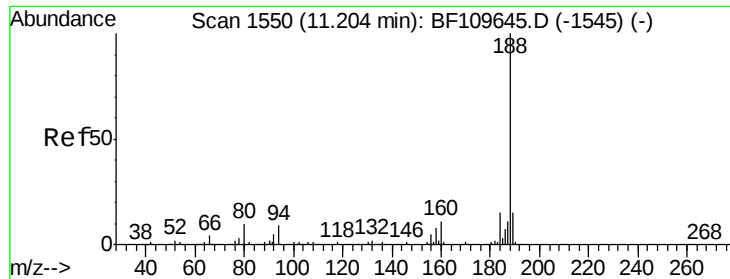
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

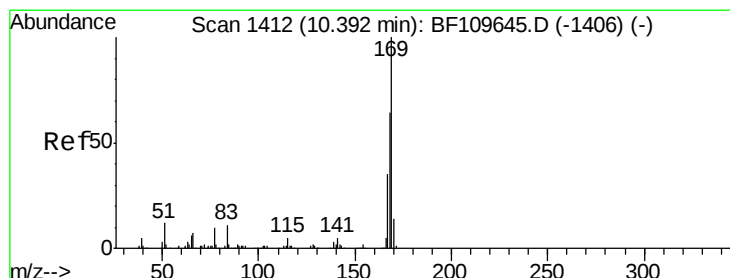
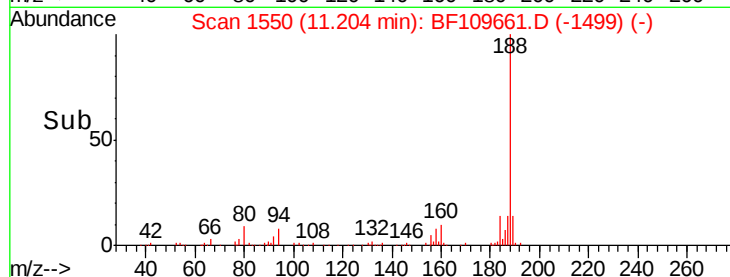
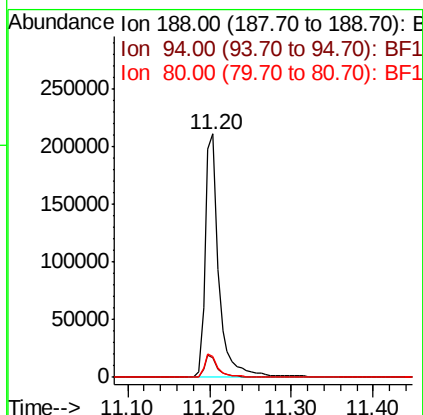
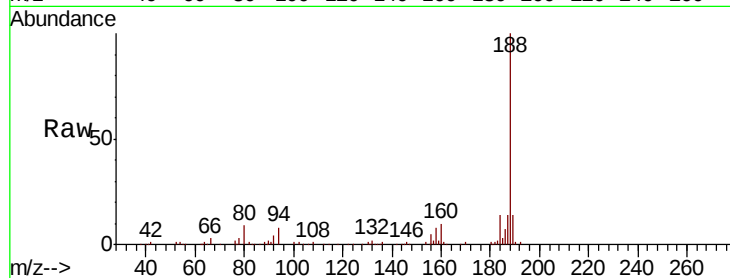




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

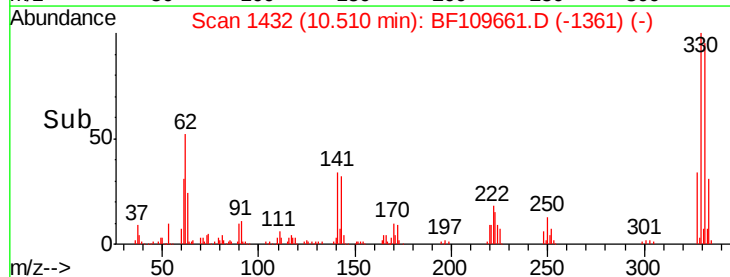
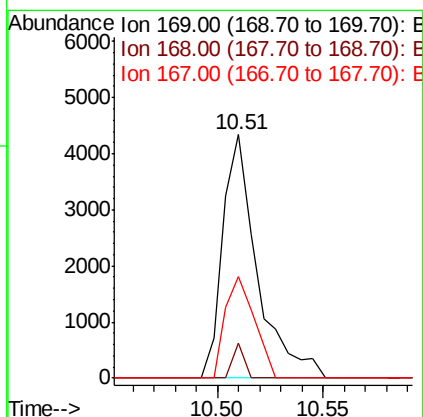
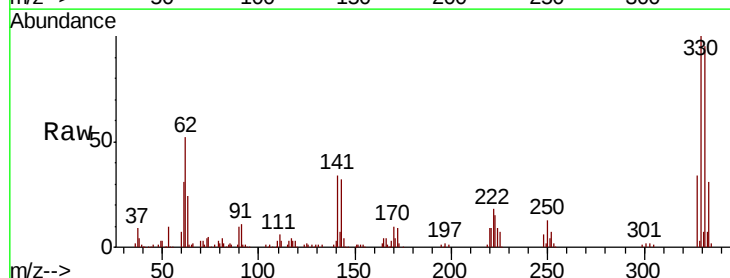
Instrument :
BNA_F
ClientSampled :
TRACK-D-3

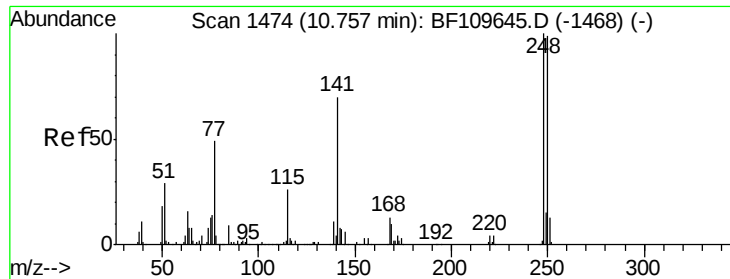
Tgt Ion:188 Resp: 246783
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.6 7.9 11.9



#65
n-Nitrosodiphenylamine
Concen: 0.587 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.12 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:169 Resp: 4915
Ion Ratio Lower Upper
169 100
168 14.6 51.2 76.8#
167 48.7 27.8 41.6#

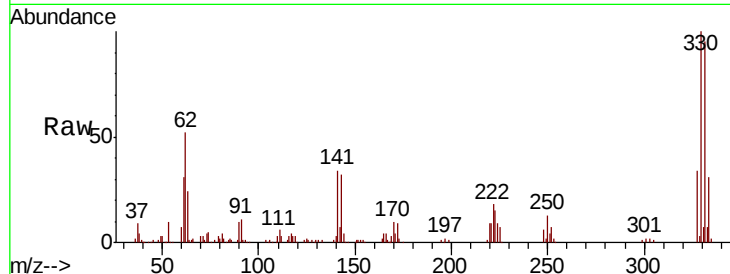




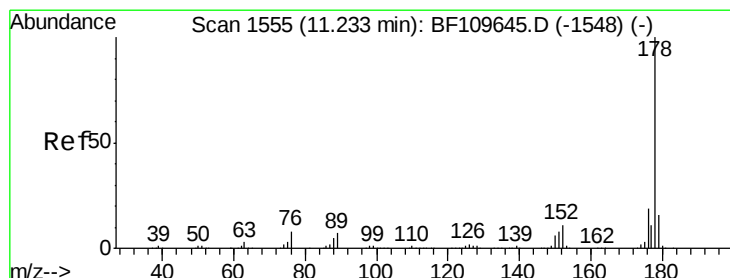
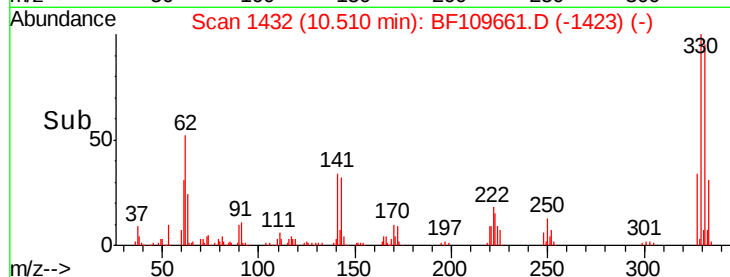
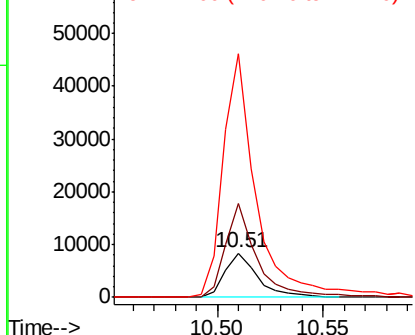
#66
 4-Bromophenyl-phenylether
 Concen: 3.135 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion: 248 Resp: 8889
 Ion Ratio Lower Upper
 248 100
 250 212.7 79.4 119.2#
 141 551.4 55.9 83.9#

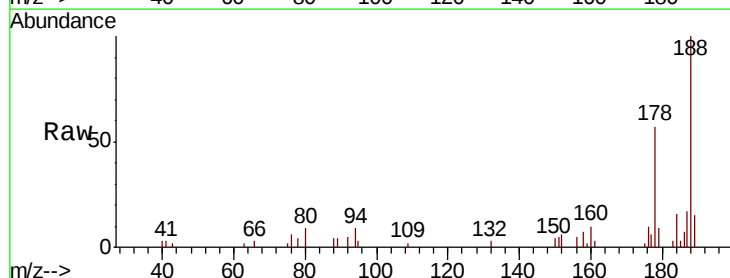


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

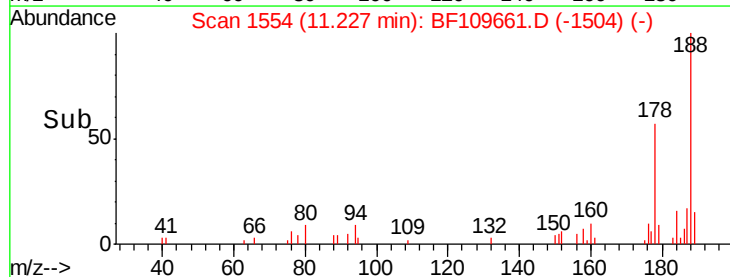
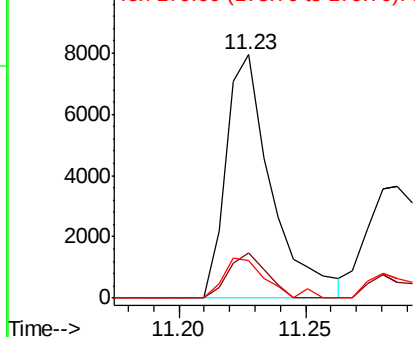


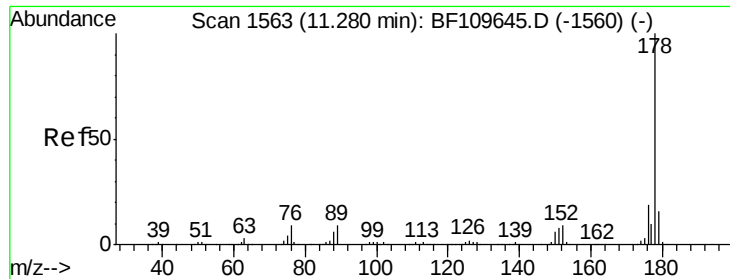
#70
 Phenanthrene
 Concen: 0.800 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion: 178 Resp: 9883
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.5 23.3
 179 15.4 12.5 18.7



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

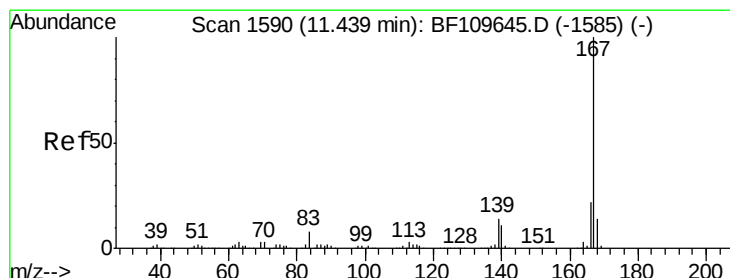
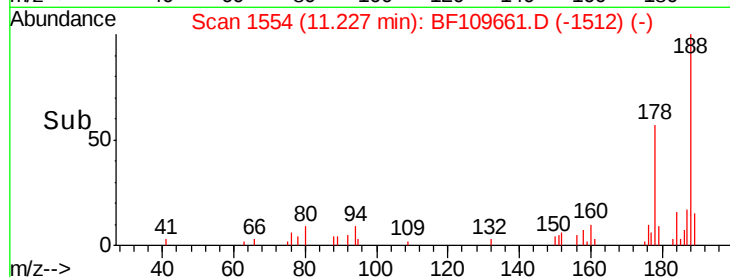
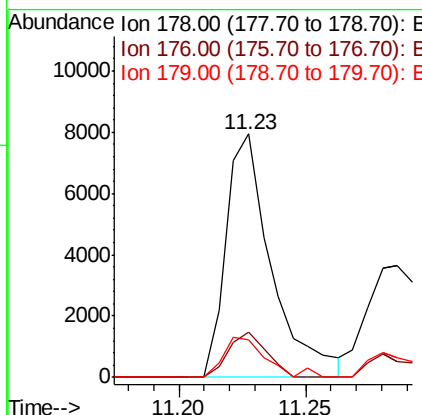
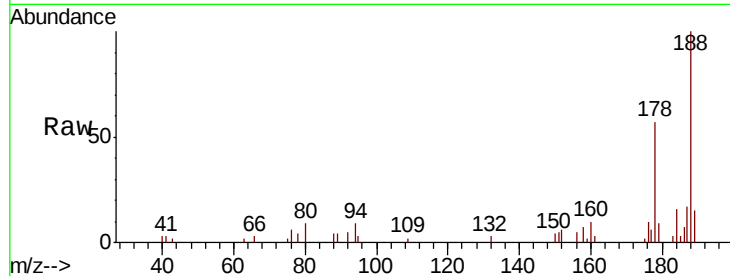




#71
 Anthracene
 Concen: 0.774 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.05 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

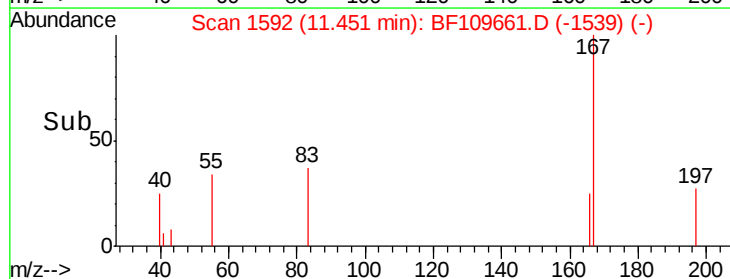
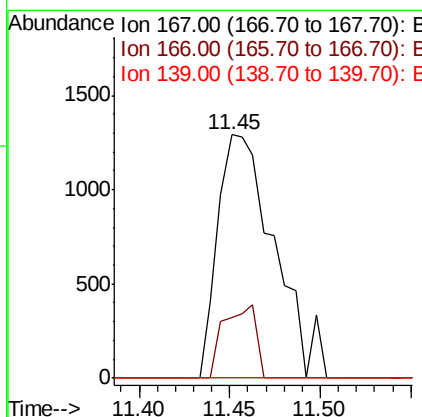
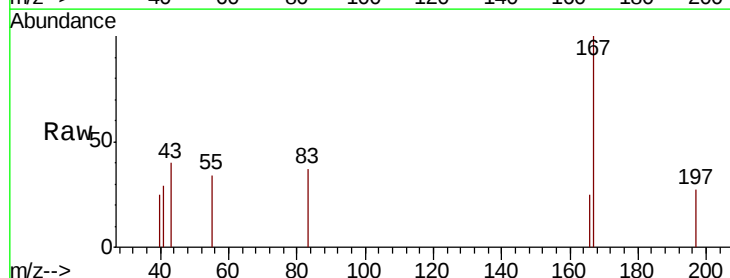
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

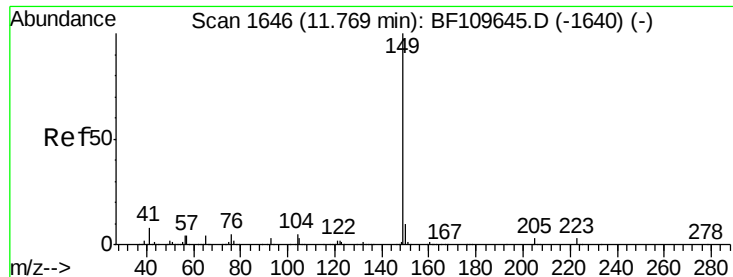
Tgt Ion:178 Resp: 9883
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 0.227 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:167 Resp: 2807
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.4 26.0
 139 0.0 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.123 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

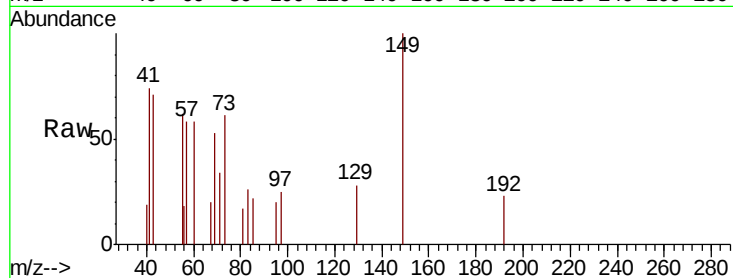
Tgt Ion:149 Resp: 1773

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.2 6.4#

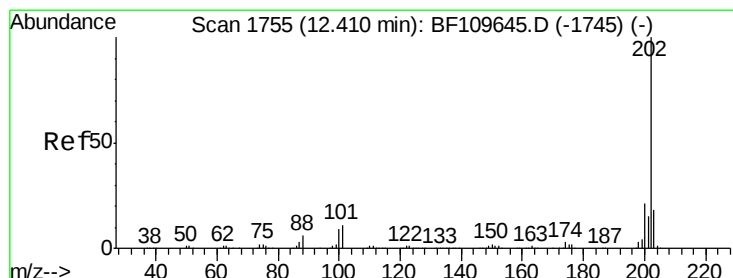
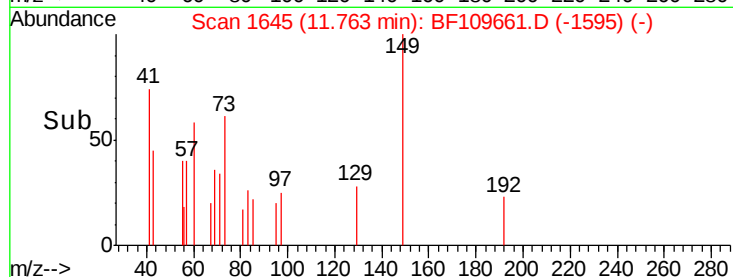
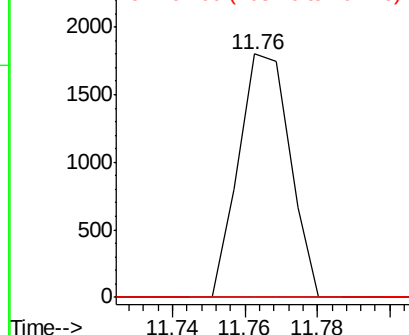


Abundance

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: 3.351 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

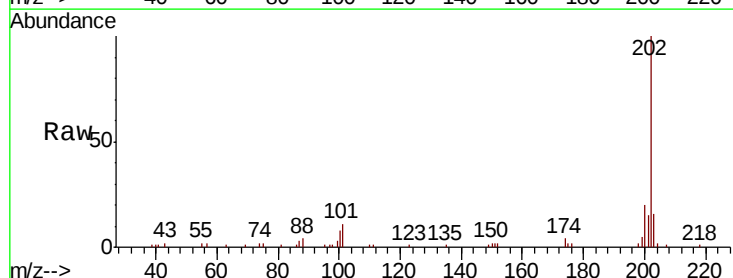
Tgt Ion:202 Resp: 43231

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 16.4 0.0 37.7

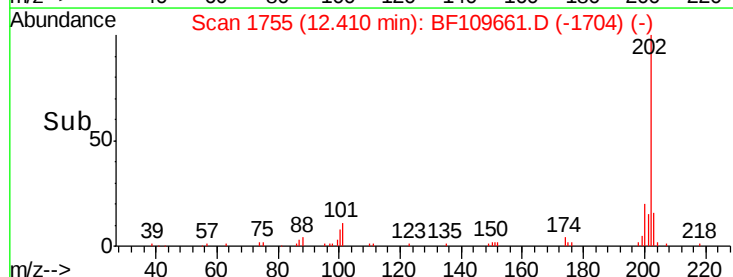
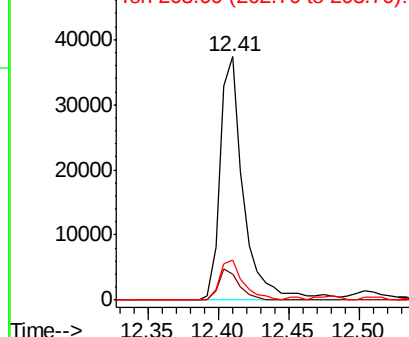


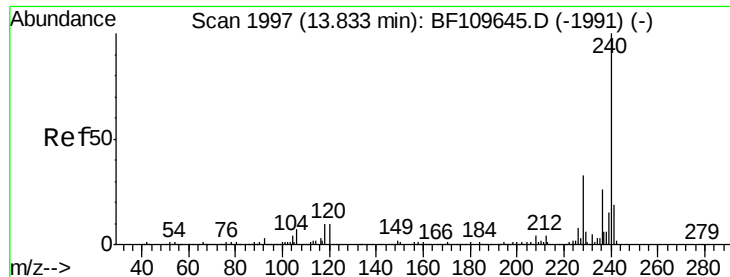
Abundance

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: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

ClientSampleId :

TRACK-D-3

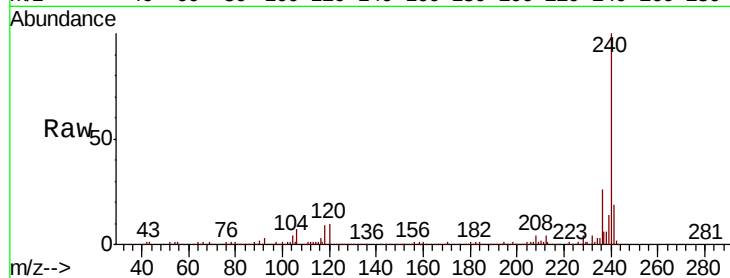
Tgt Ion:240 Resp: 224492

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

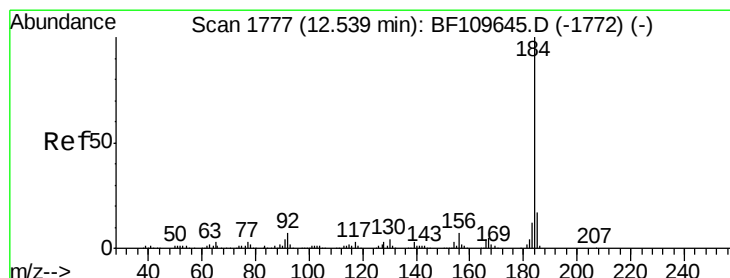
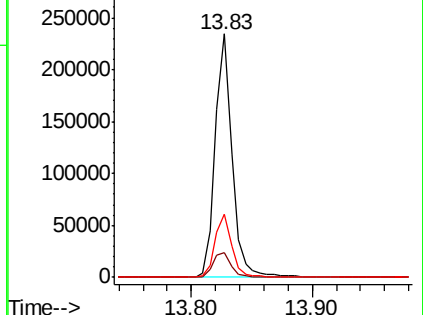
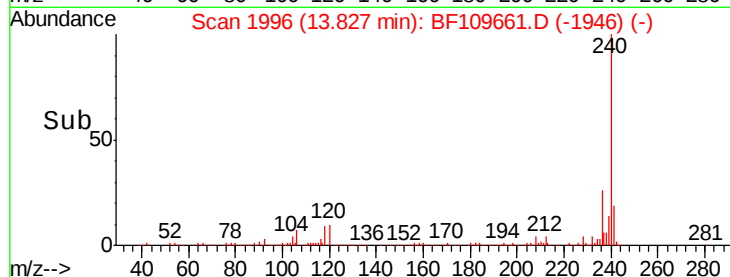
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.908 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

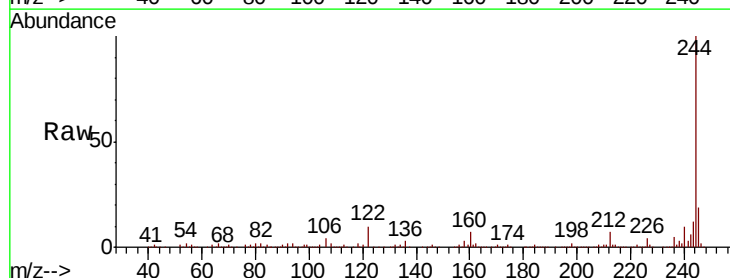
Tgt Ion:184 Resp: 7571

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.2

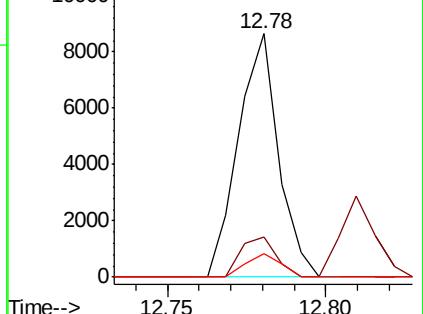
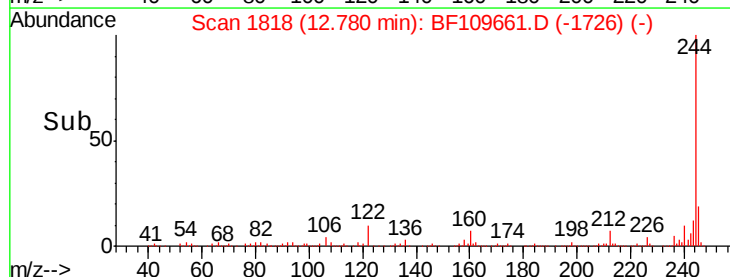
183 9.8 9.4 14.2

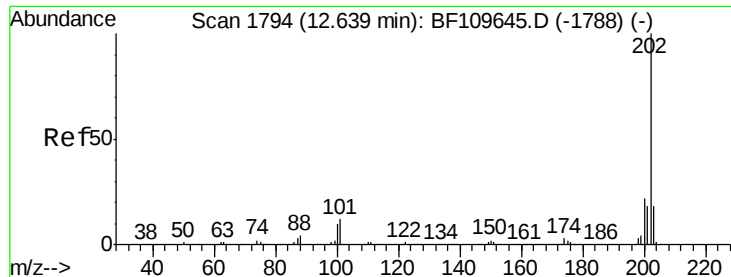


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

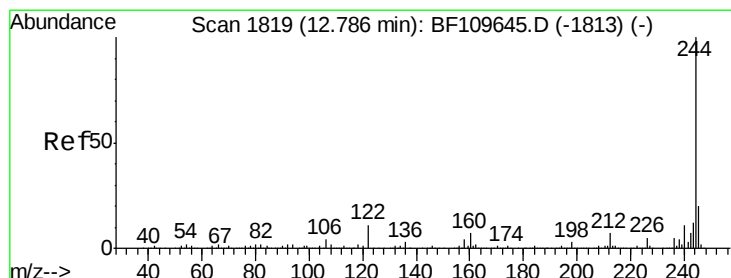
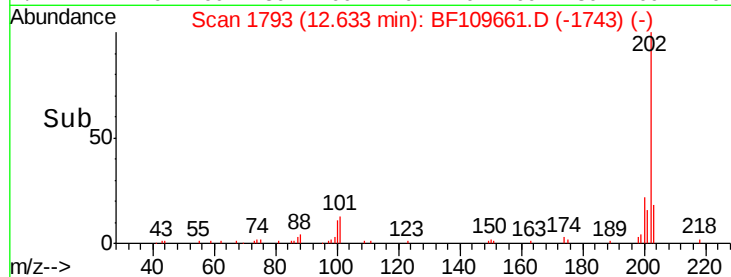
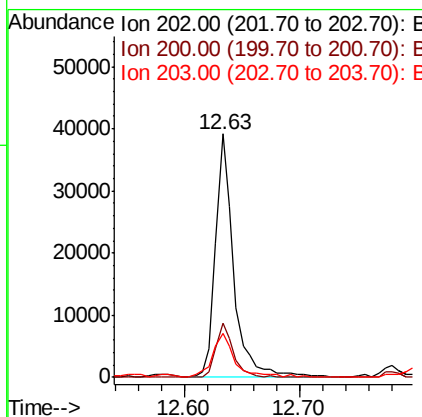
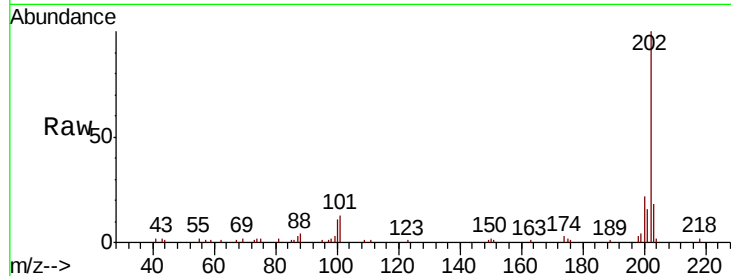




#77
 Pyrene
 Concen: 2.621 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

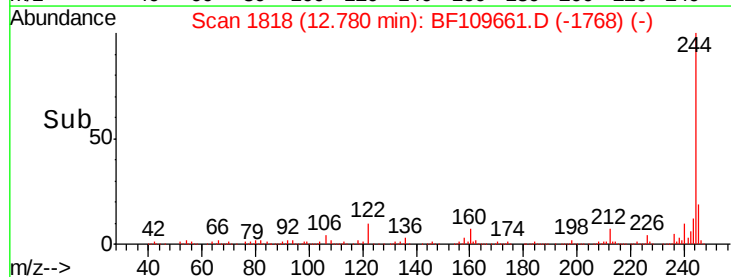
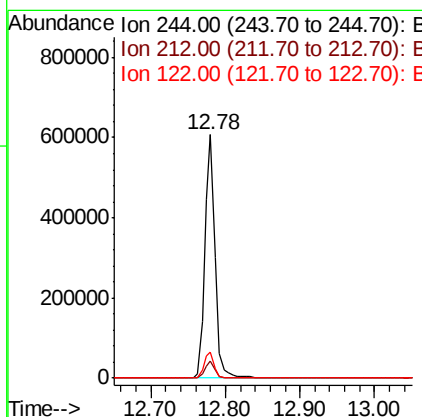
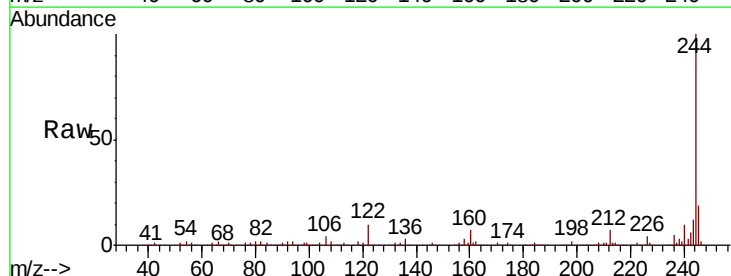
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

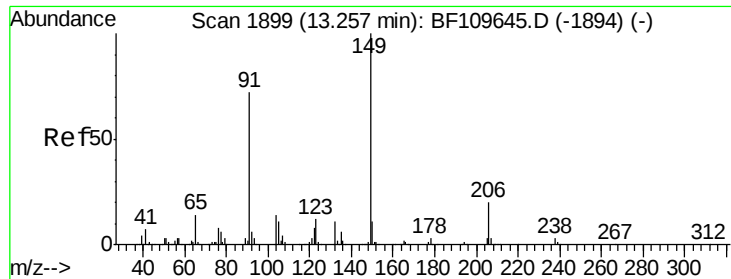
Tgt Ion: 202 Resp: 43111
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.8 26.6
 203 18.0 14.2 21.4



#78
 Terphenyl-d14
 Concen: 50.064 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion: 244 Resp: 580577
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.5 8.7 13.1

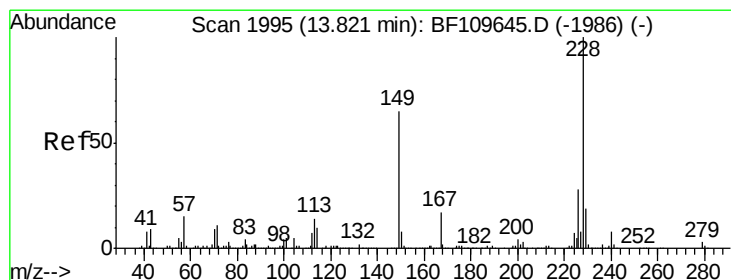
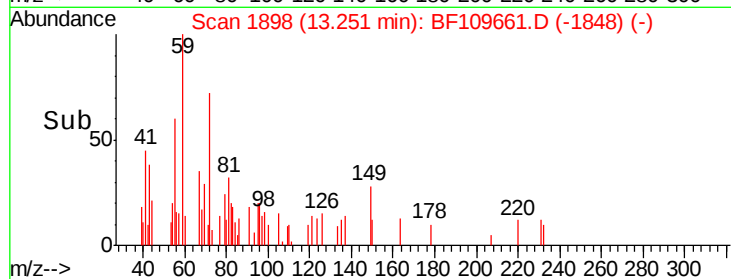
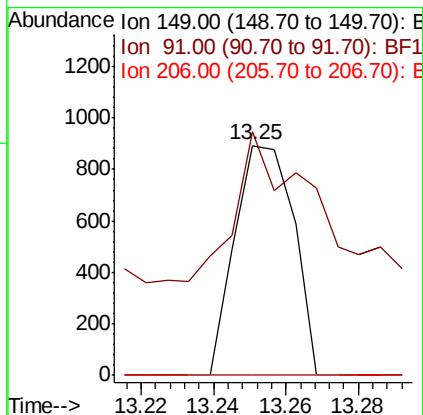
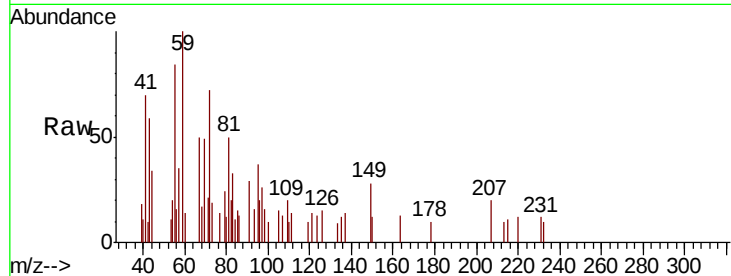




#79
Butylbenzylphthalate
Concen: 0.141 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

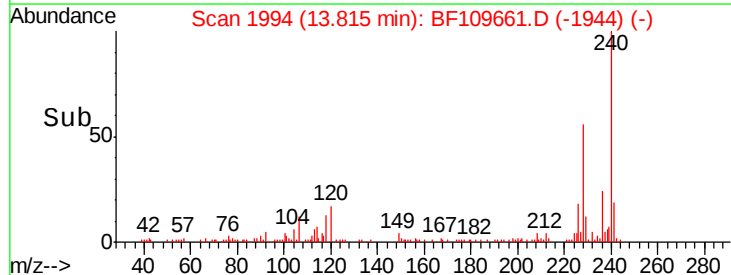
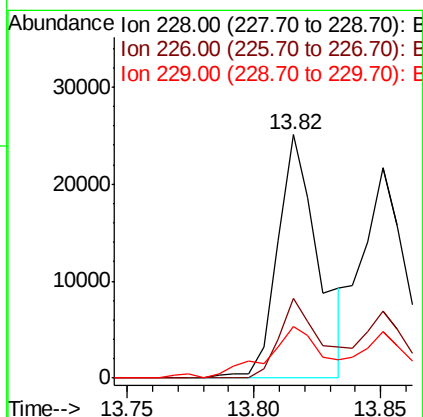
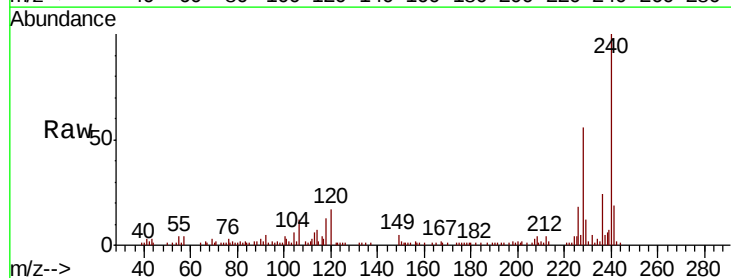
Instrument :
BNA_F
ClientSampled :
TRACK-D-3

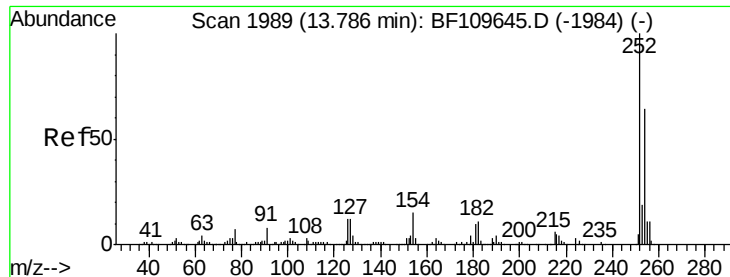
Tgt Ion:149 Resp: 1004
Ion Ratio Lower Upper
149 100
91 105.9 57.2 85.8#
206 0.0 15.7 23.5#



#80
Benzo(a)anthracene
Concen: 2.292 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:228 Resp: 28392
Ion Ratio Lower Upper
228 100
226 32.7 22.1 33.1
229 21.0 15.6 23.4

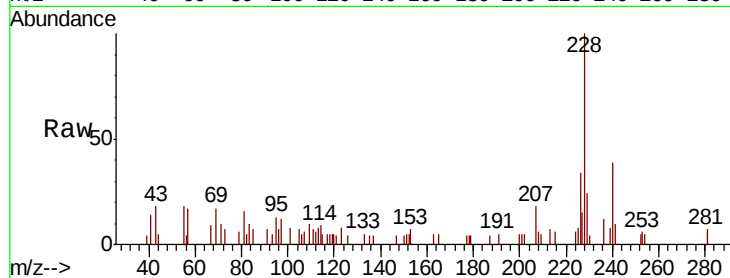




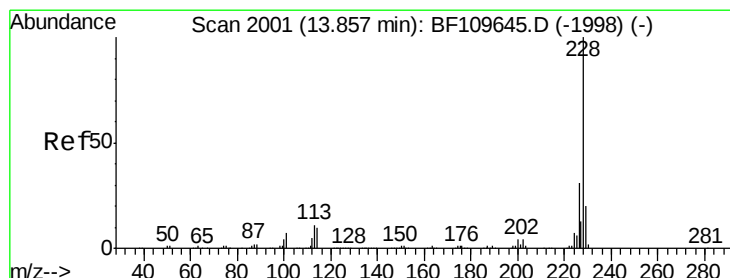
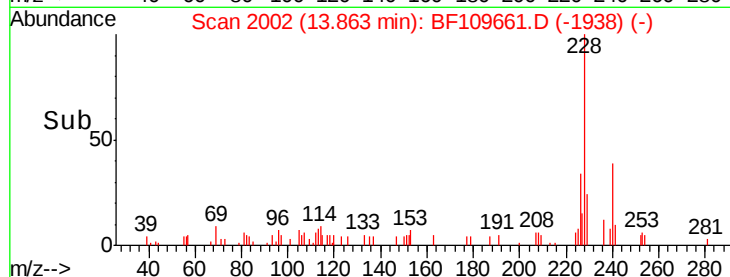
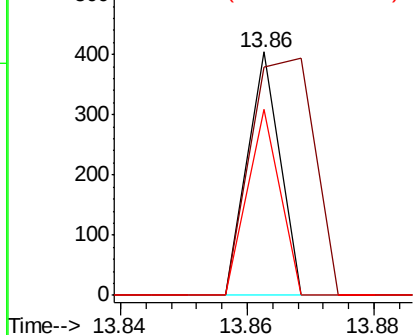
#81
 3,3'-Dichlorobenzidine
 Concen: 0.029 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.08 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion:252 Resp: 143
 Ion Ratio Lower Upper
 252 100
 254 94.1 51.3 76.9#
 126 76.7 9.4 14.2#

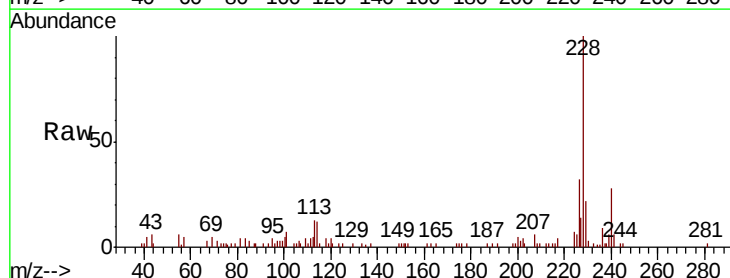


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

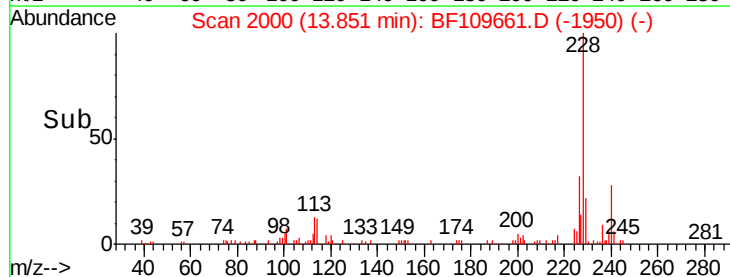
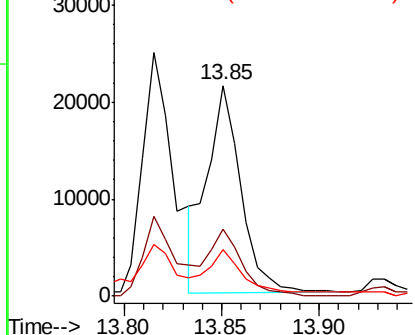


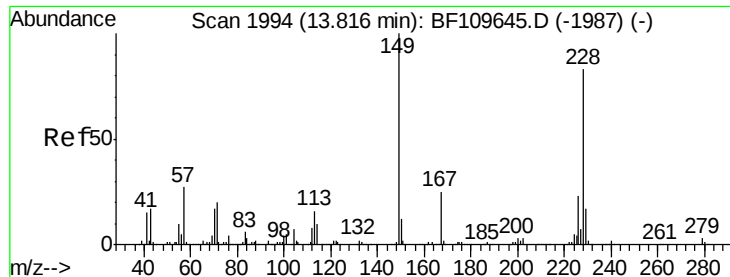
#82
 Chrysene
 Concen: 1.977 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:228 Resp: 25731
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.7 37.1
 229 21.9 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

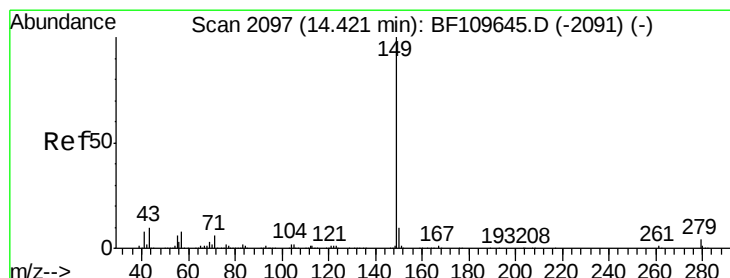
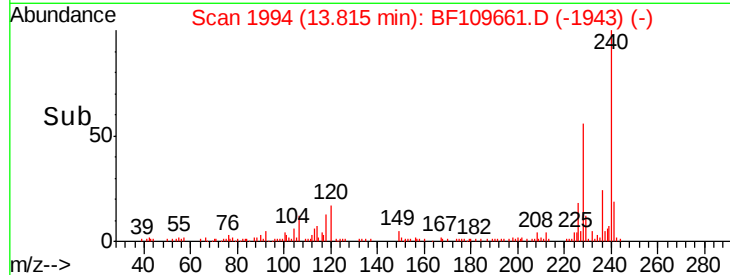
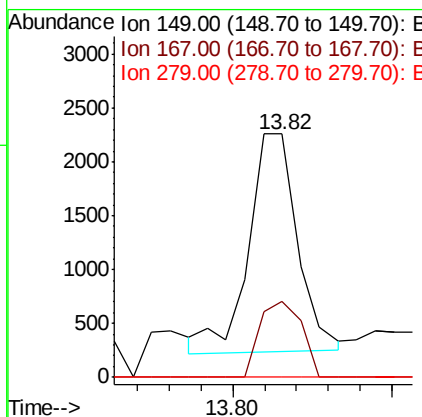
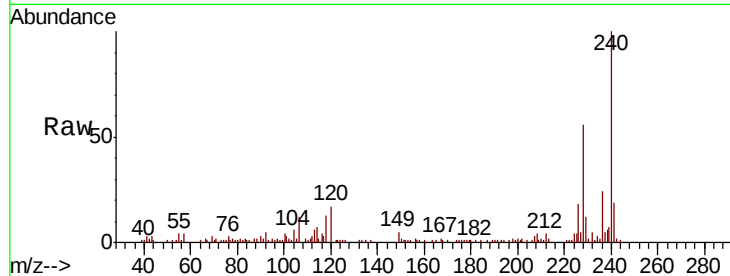




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.250 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

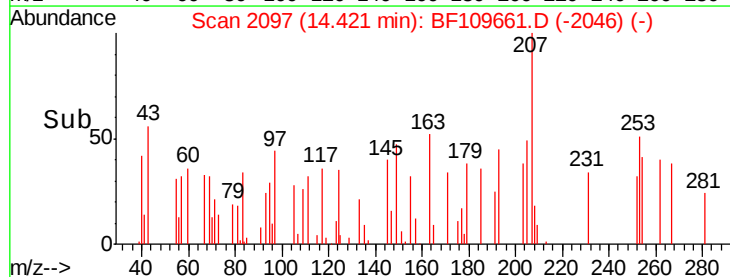
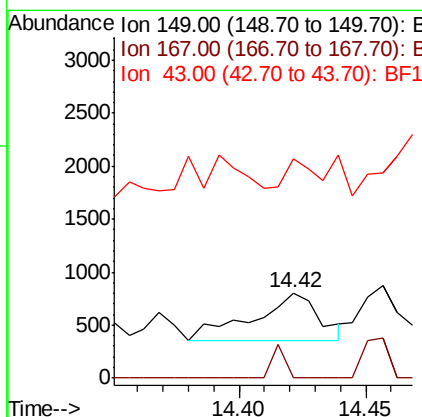
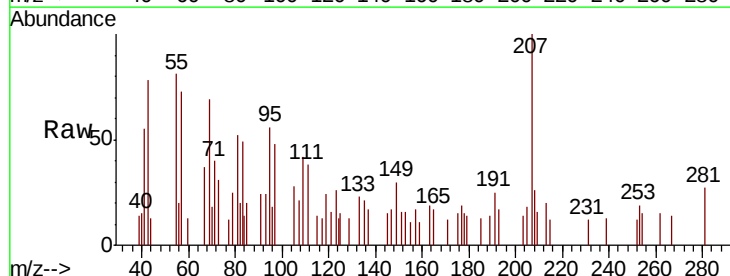
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

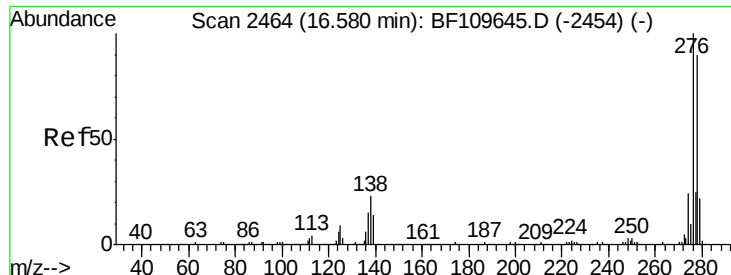
Tgt Ion:	149	Resp:	2179
Ion	Ratio	Lower	Upper
149	100		
167	31.1	19.8	29.8#
279	0.0	2.7	4.1#



#84
 Di-n-octyl phthalate
 Concen: 0.059 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion:	149	Resp:	815
Ion	Ratio	Lower	Upper
149	100		
167	14.0	1.1	1.7#
43	0.0	7.8	11.8#

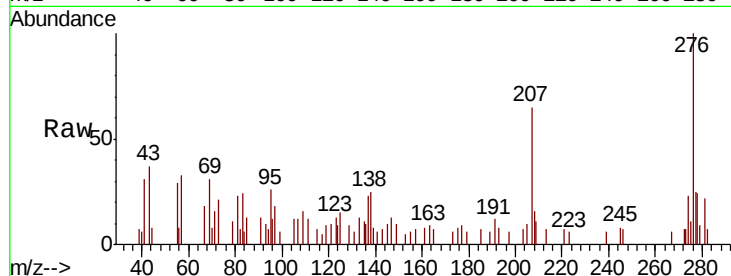




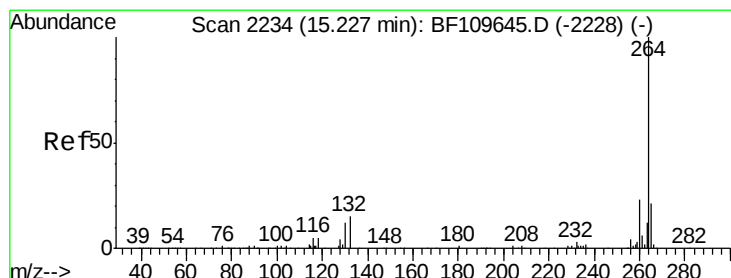
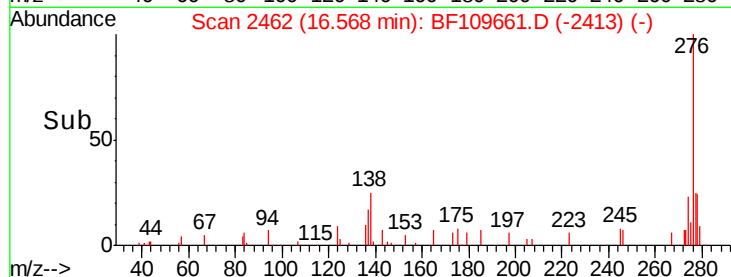
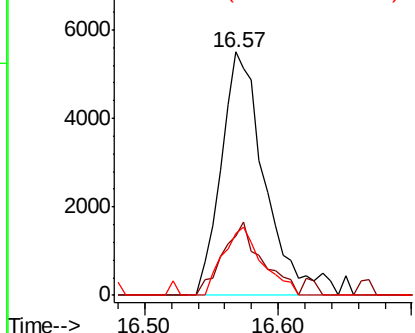
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.349 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	18.5	27.7
277	25.5	20.0	30.0

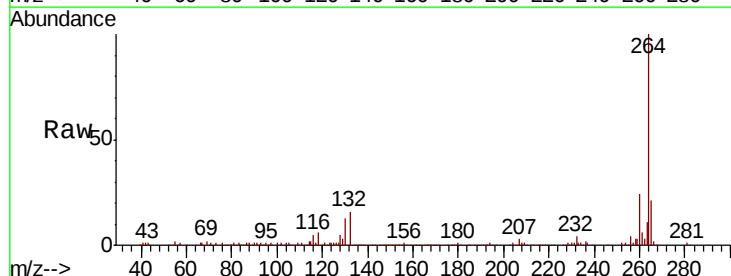


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

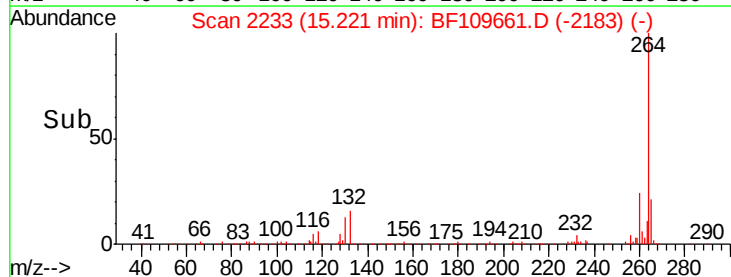
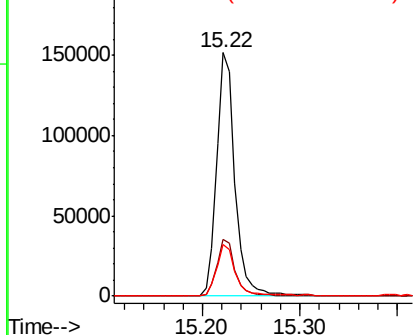


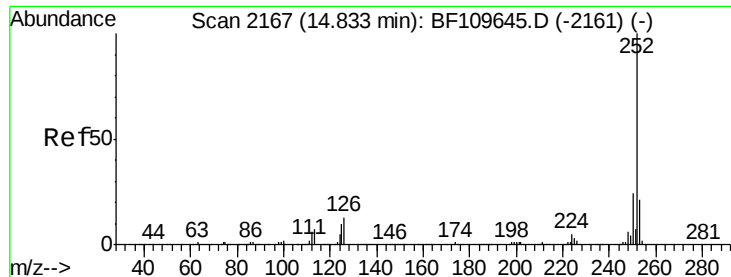
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	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

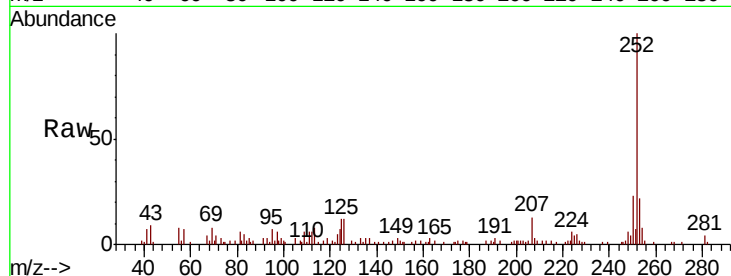




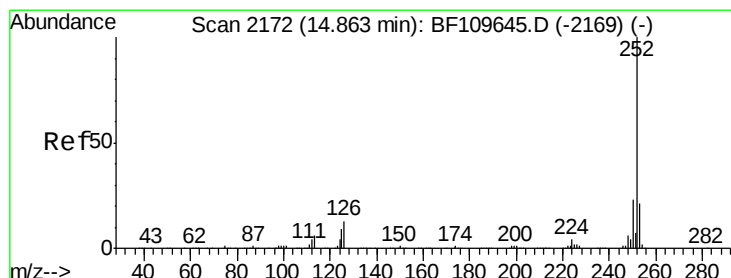
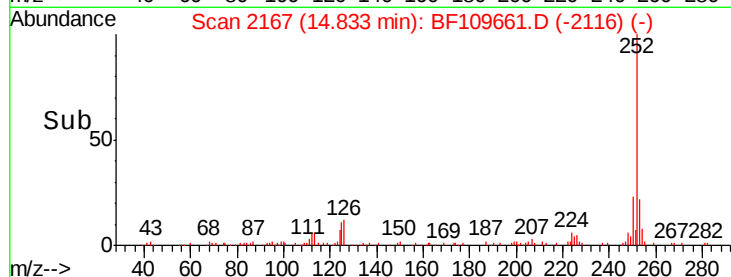
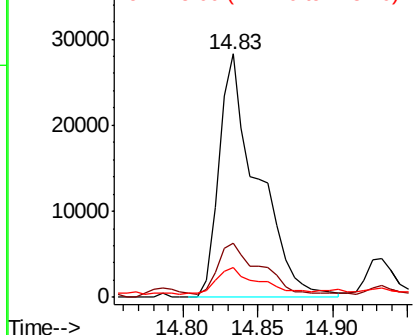
#87
Benzo(b)fluoranthene
Concen: 4.657 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tgt Ion:252 Resp: 50905
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.4 8.2 12.4#

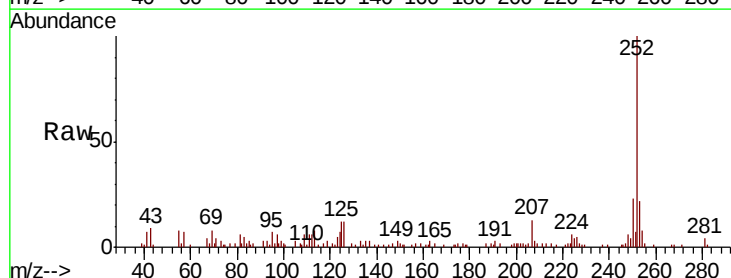


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

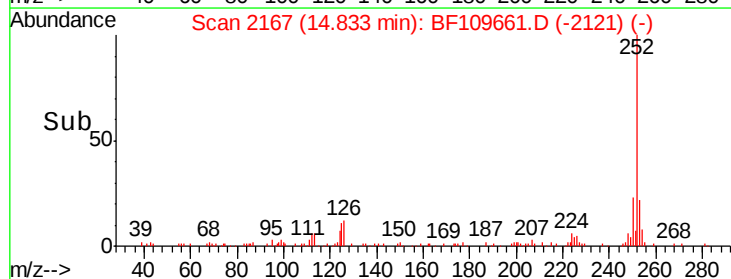
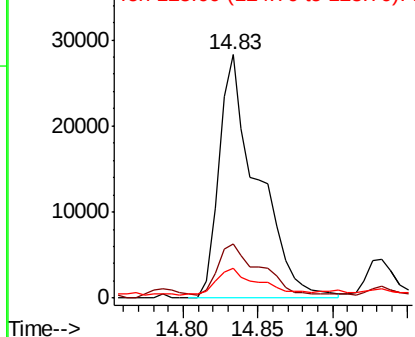


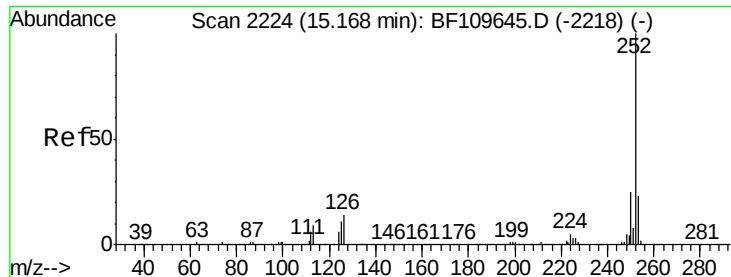
#88
Benzo(k)fluoranthene
Concen: 4.635 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:252 Resp: 50905
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.4 7.4 11.0#



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

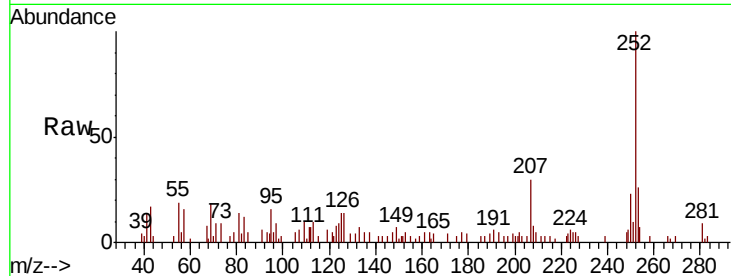




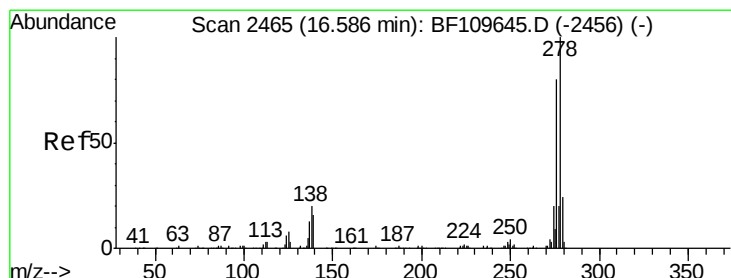
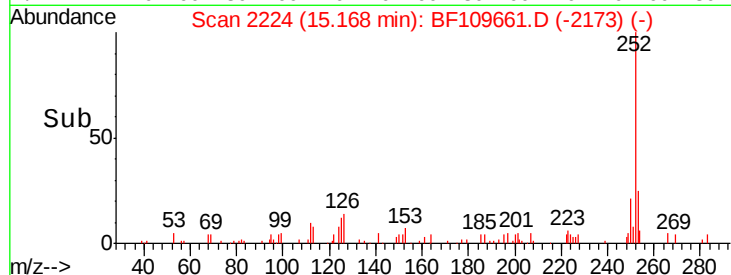
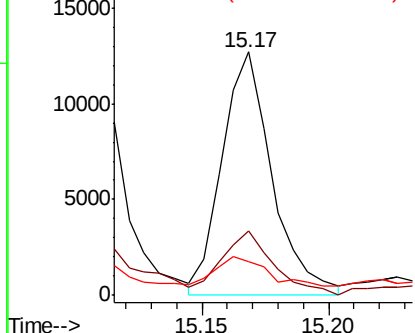
#89
Benzo(a)pyrene
Concen: 1.759 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tgt Ion:252 Resp: 17445
Ion Ratio Lower Upper
252 100
253 26.3 18.2 27.4
125 14.1 9.0 13.6#

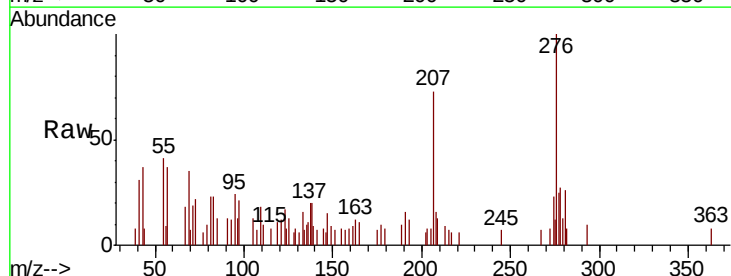


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

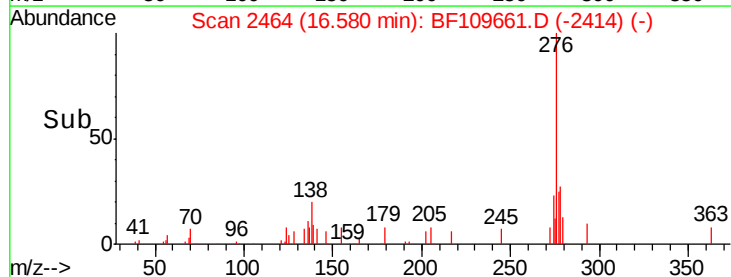
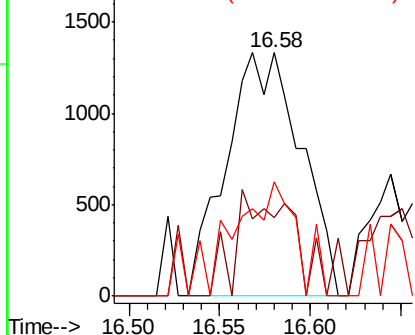


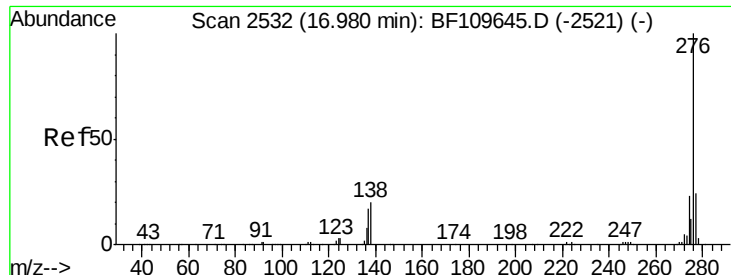
#90
Dibenzo(a,h)anthracene
Concen: 0.472 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:278 Resp: 3848
Ion Ratio Lower Upper
278 100
139 32.1 12.7 19.1#
279 47.0 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: 1.344 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	17.8	16.0	24.0

