

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104672.D
 Acq On : 20 Apr 2018 14:21
 Operator : JU/SJ
 Sample : J2480-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

Quant Time: Apr 20 15:44:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111571	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	427712	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	173934	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	264424	20.00	ng	0.00
75) Chrysene-d12	14.00	240	182679	20.00	ng	0.02
86) Perylene-d12	15.47	264	210936	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	693617	95.06	ng	0.00
7) Phenol-d6	6.44	99	830403	92.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	494077	75.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	155892	86.40	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	840053	76.30	ng	0.00
78) Terphenyl-d14	12.93	244	691698	86.32	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.45	94	42430	4.460	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	65426	11.168	ng	# 72
20) 3+4-Methylphenols	7.22	107	41212	4.964	ng	87
25) Isophorone	7.37	82	494073	35.670	ng	# 64
27) 2,4-Dimethylphenol	7.74	122	18265	2.988	ng	93
31) Naphthalene	8.11	128	1485525	69.750	ng	99
32) Benzoic acid	7.87	122	24183	4.958	ng	# 15
33) 4-Chloroaniline	8.11	127	201499	22.084	ng	# 34
37) 2-Methylnaphthalene	8.80	142	462350	33.561	ng	99
45) 1,1'-Biphenyl	9.26	154	142310	9.739	ng	98
48) Acenaphthylene	9.70	152	64076	3.539	ng	# 93
49) Dimethylphthalate	9.56	163	90246	6.580	ng	99
51) Acenaphthene	9.88	154	749602	67.847	ng	98
53) 2,4-Dinitrophenol	9.99	184	110	5.283	ng	# 1
54) Dibenzofuran	10.05	168	771220	50.089	ng	97
55) 4-Nitrophenol	10.05	139	301526	129.188	ng	# 10
57) Fluorene	10.39	166	554649	49.491	ng	97
61) 4-Nitroaniline	10.39	138	6449	2.220	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.64	198	298	7.543	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9496	3.376	ng	# 1
70) Phenanthrene	11.39	178	4235099	287.601	ng	99
71) Anthracene	11.42	178	1177107	78.638	ng	100
72) Carbazole	11.57	167	644559	44.066	ng	100
74) Fluoranthene	12.58	202	4492491	291.997	ng	98
76) Benzidine	12.67	184	637	Below Cal		# 1
77) Pyrene	12.82	202	3909617	288.729	ng	98
80) Benzo(a)anthracene	13.99	228	2427150	222.400	ng	97
82) Chrysene	13.99	228	2427150	216.521	ng	97
85) Indeno(1,2,3-cd)pyrene	16.94	276	1029093	108.069	ng	# 93
87) Benzo(b)fluoranthene	15.05	252	3235701	242.878	ng	95
88) Benzo(k)fluoranthene	15.05	252	3235701	257.261	ng	98
89) Benzo(a)pyrene	15.42	252	1799587	150.970	ng	96
90) Dibenzo(a,h)anthracene	16.94	278	342702	35.005	ng	96
91) Benzo(g,h,i)perylene	17.39	276	942194	99.336	ng	95

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Response via : Initial Calibration

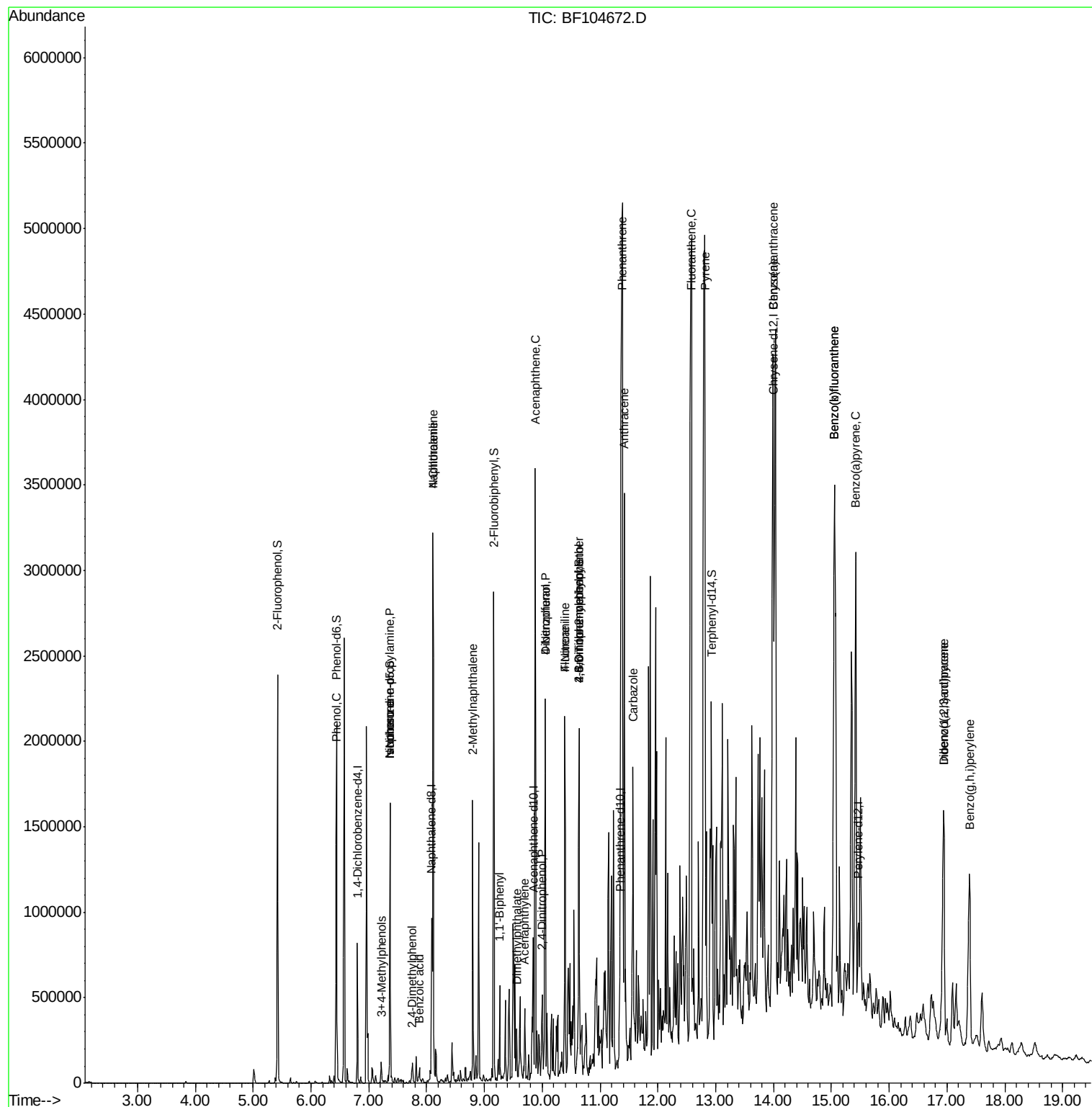
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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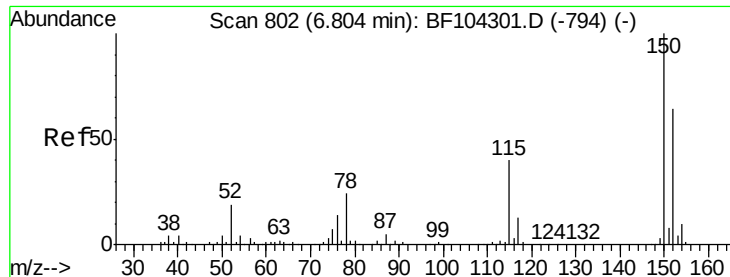
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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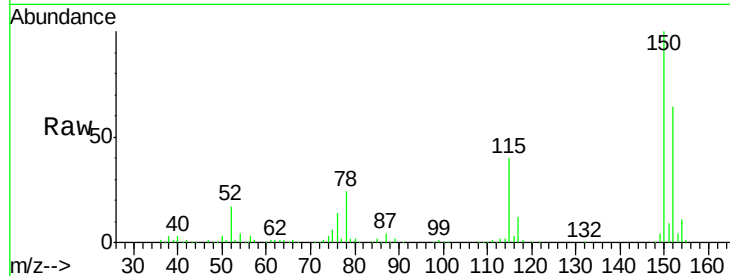


#1

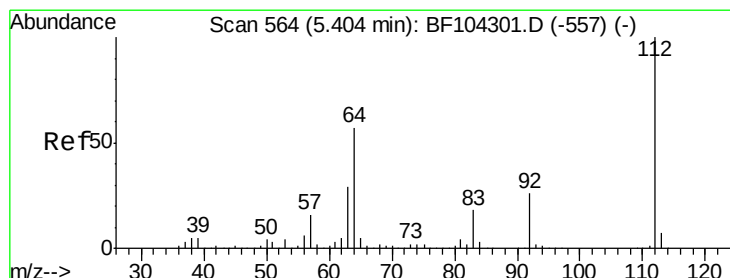
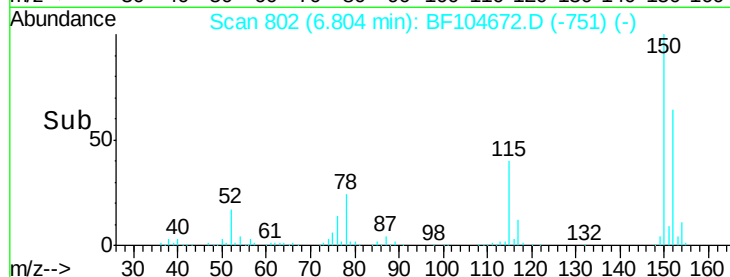
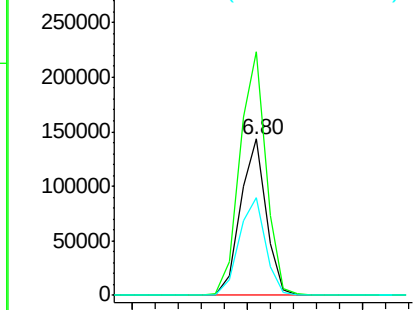
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)

Tot Ion:152 Resp: 111571
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.2 50.1 75.1



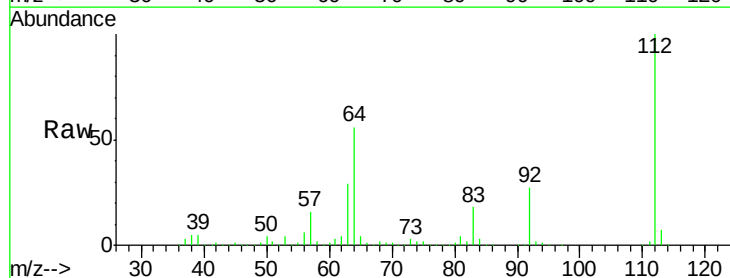
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



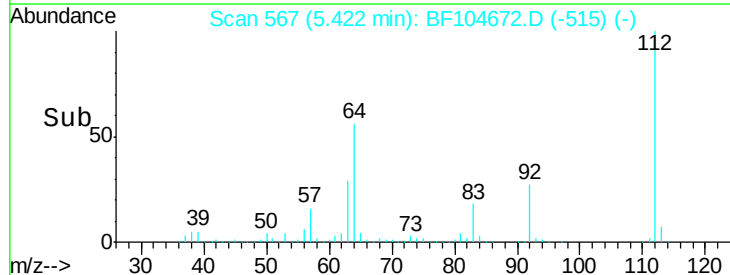
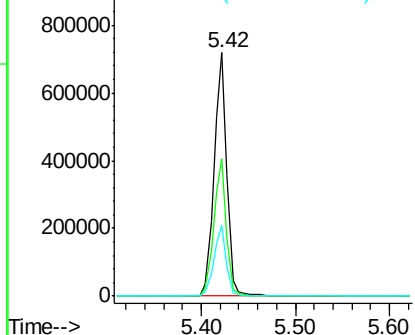
#5

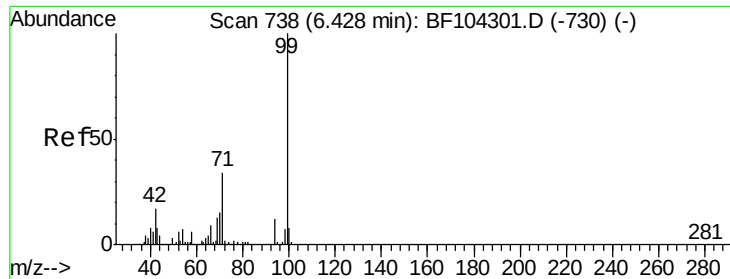
2-Fluorophenol
Concen: 95.059 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Tgt Ion:112 Resp: 693617
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.9 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





#7

Phenol-d6

Concen: 92.624 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

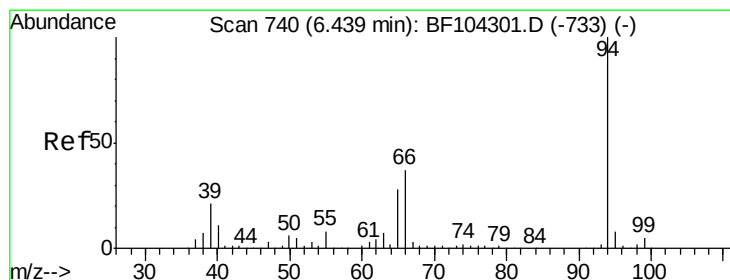
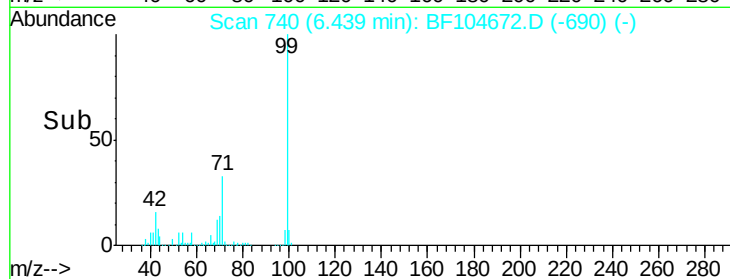
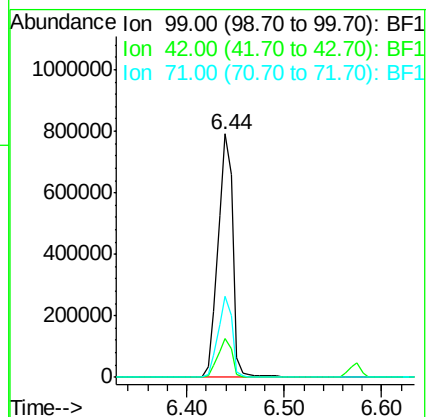
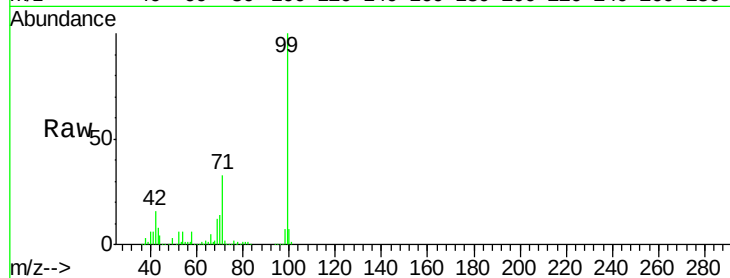
Tot Ion: 99 Resp: 830403

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 4.460 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

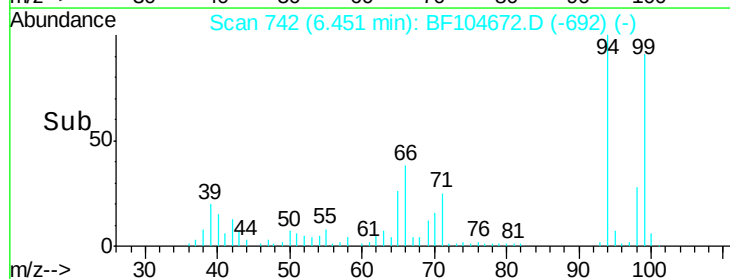
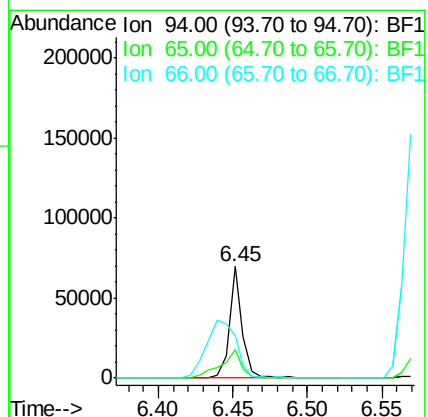
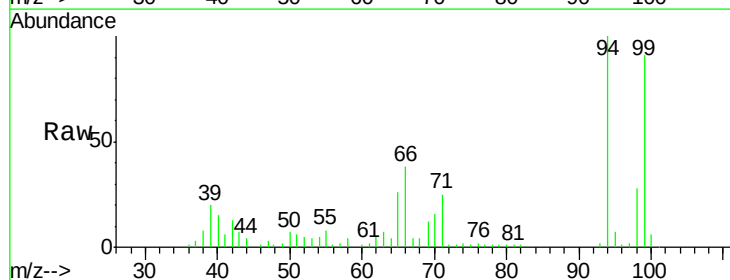
Tgt Ion: 94 Resp: 42430

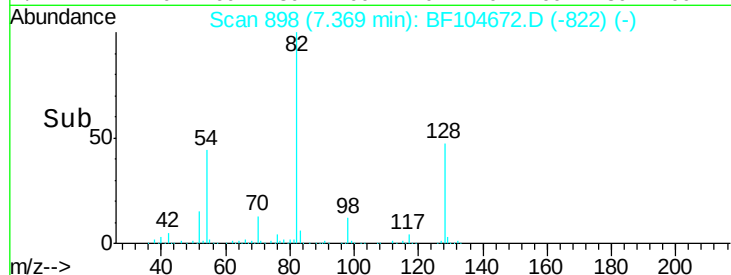
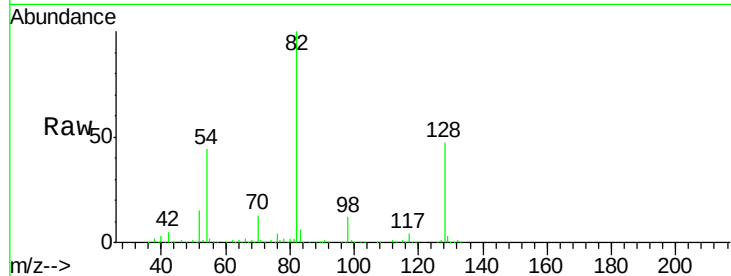
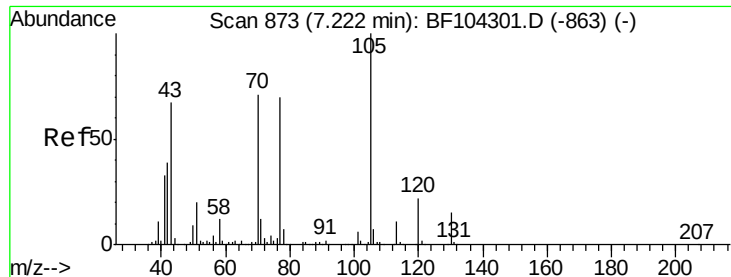
Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

66 37.8 16.2 56.2

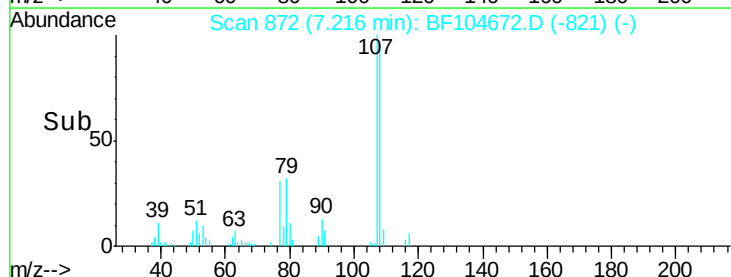
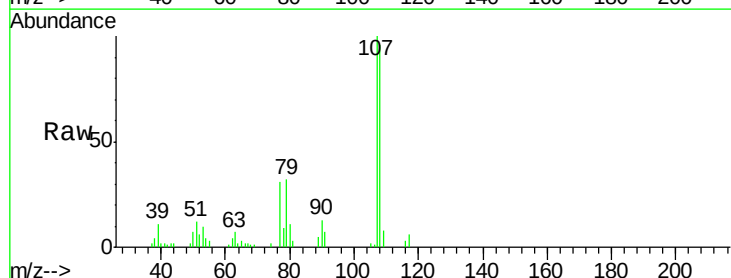
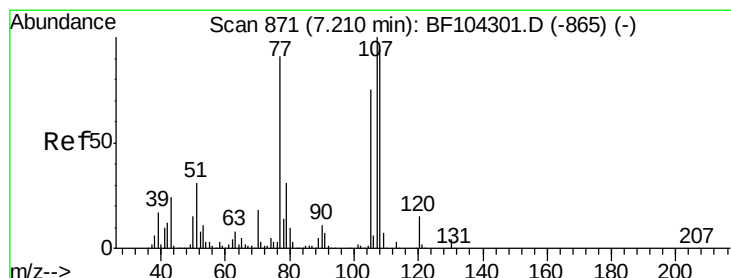
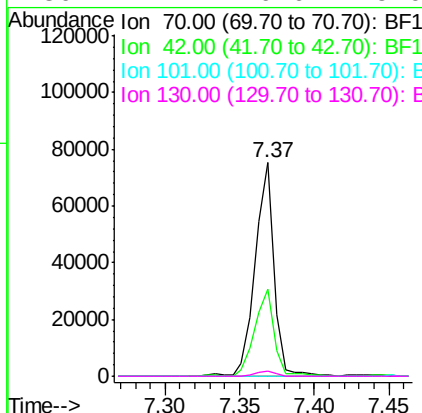




#19
n-Nitroso-di-n-propylamine
Concen: 11.168 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

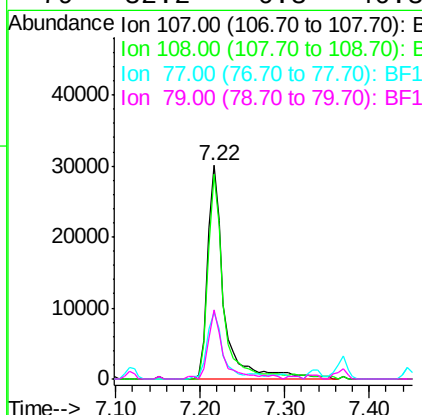
Instrument :
BNA_F
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EPE-L-7A(0-5)

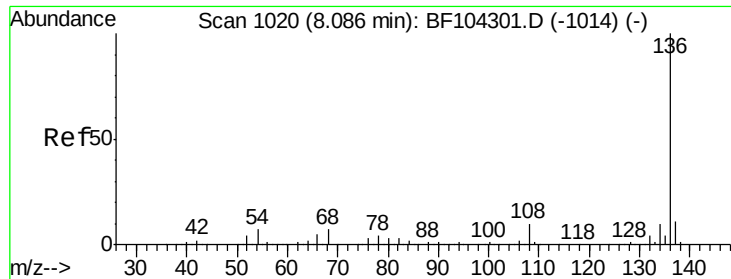
Tot Ion: 70 Resp: 65426
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#20
3+4-Methylphenols
Concen: 4.964 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Tgt Ion:107 Resp: 41212
Ion Ratio Lower Upper
107 100
108 95.8 68.2 108.2
77 31.3 26.7 66.7
79 32.2 6.3 46.3

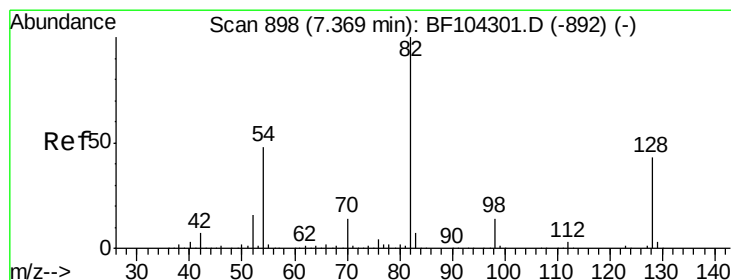
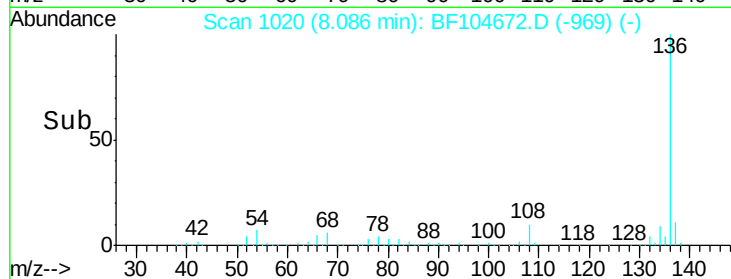
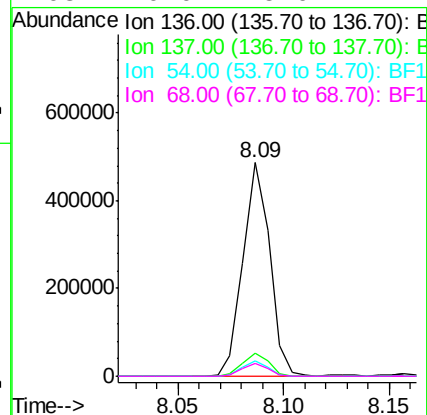
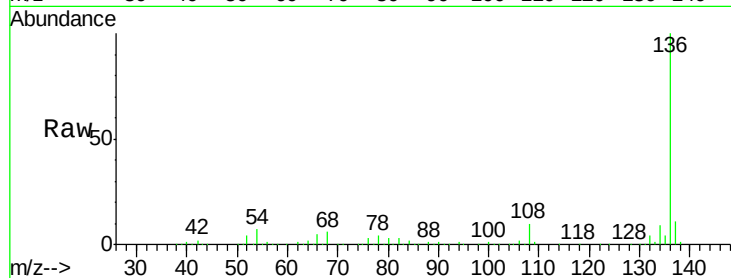




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

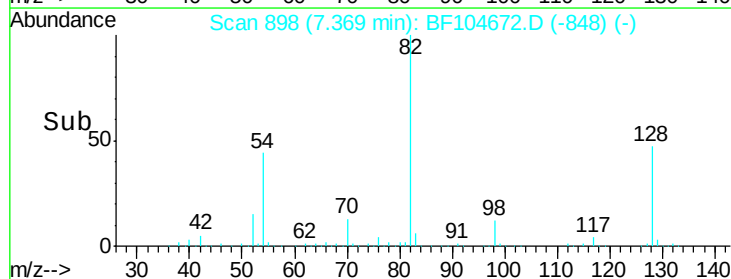
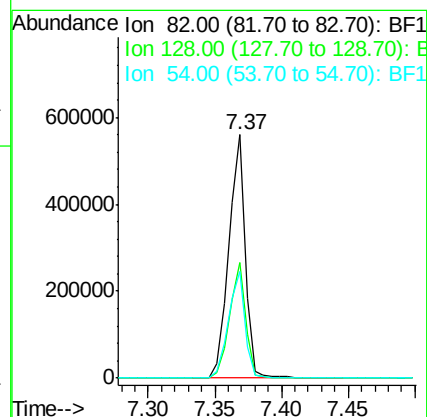
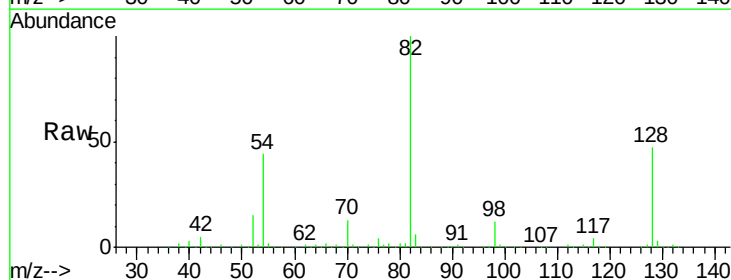
Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)

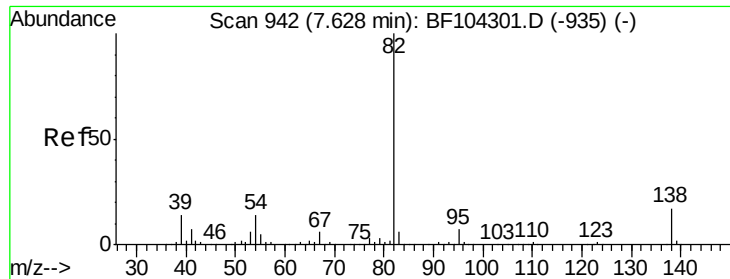
Tot Ion:136	Resp:	427712
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.0	6.6 9.8
68	6.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 75.430 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Tgt Ion: 82	Resp:	494077
Ion Ratio	Lower	Upper
82	100	
128	47.3	36.1 54.1
54	43.9	41.4 62.2





#25

Isophorone

Concen: 35.670 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

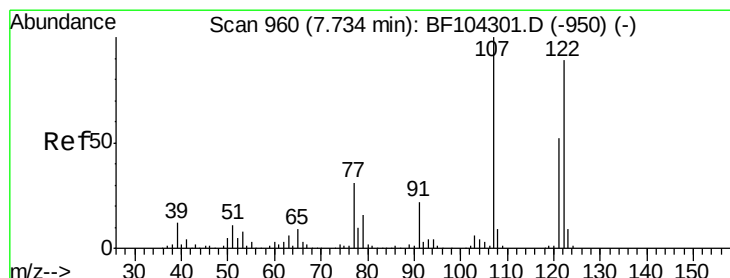
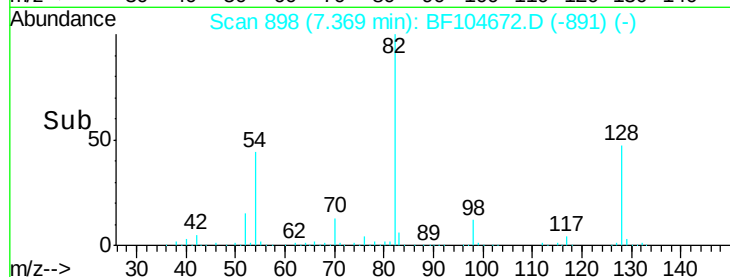
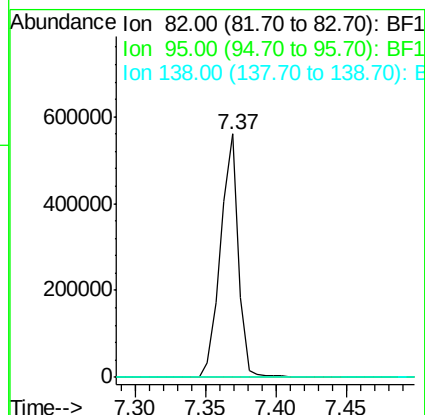
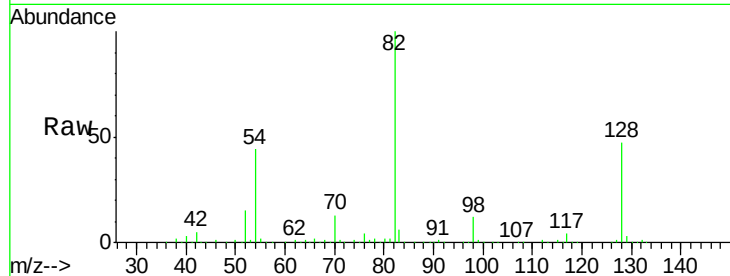
Tot Ion: 82 Resp: 494073

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 2.988 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

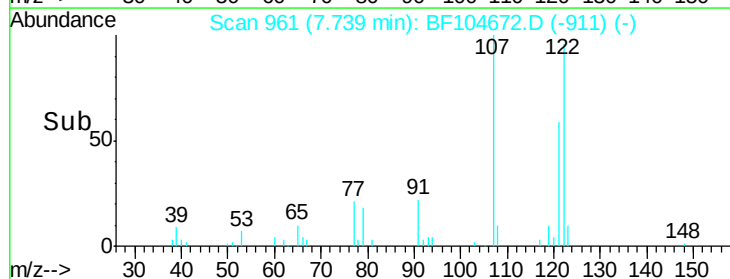
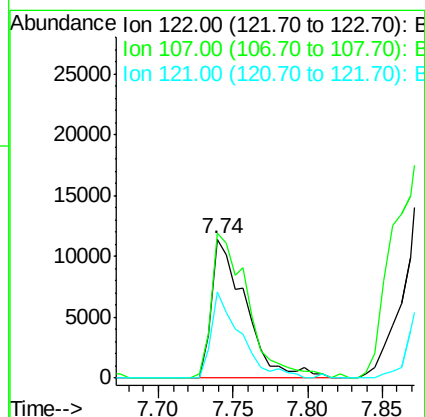
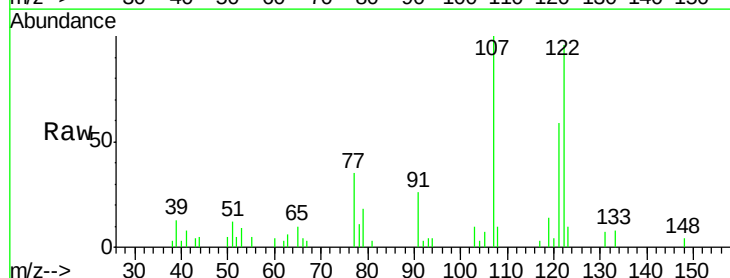
Tgt Ion:122 Resp: 18265

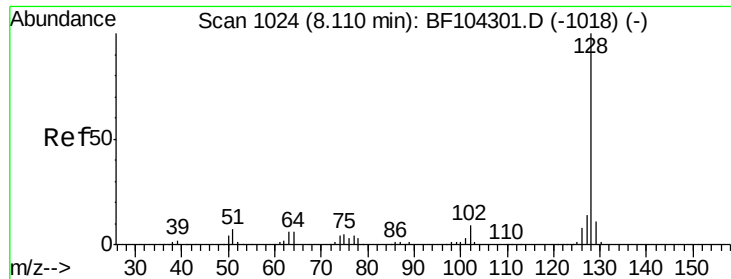
Ion Ratio Lower Upper

122 100

107 104.0 91.2 136.8

121 61.6 47.2 70.8





#31

Naphthalene

Concen: 69.750 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

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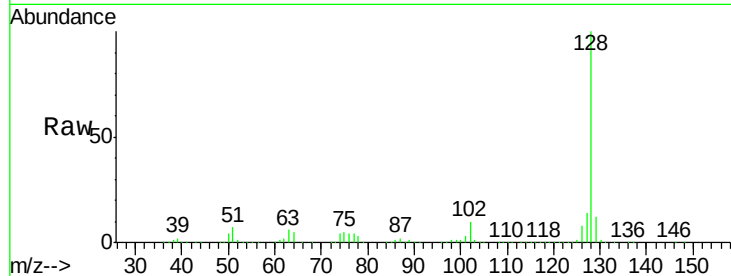
Tot Ion:128 Resp: 1485525

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

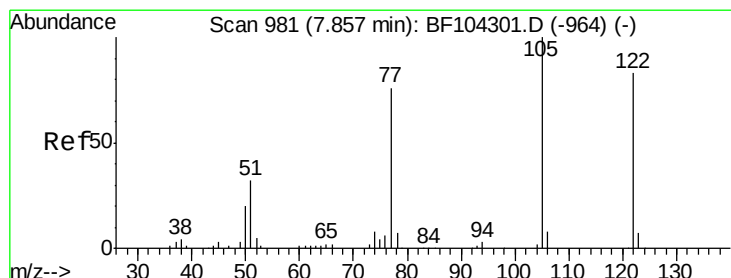
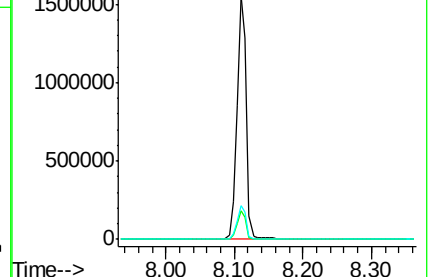
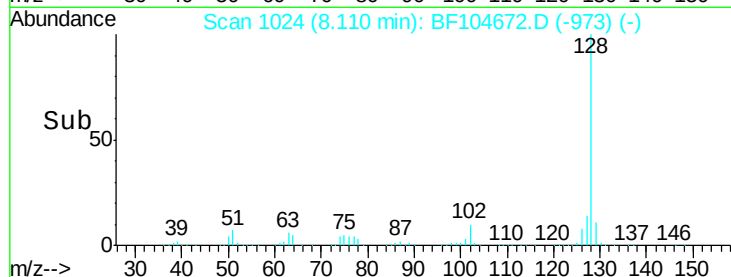
127 13.9 10.9 16.3



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



#32

Benzoic acid

Concen: 4.958 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

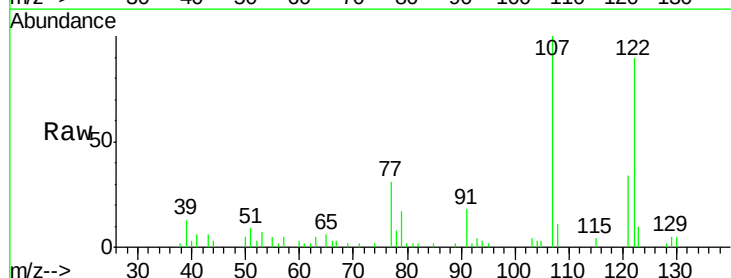
Tgt Ion:122 Resp: 24183

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

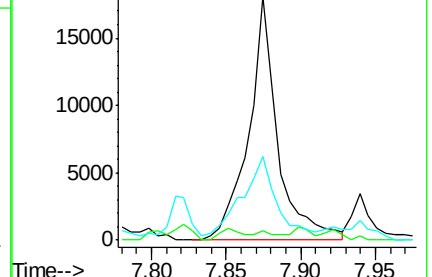
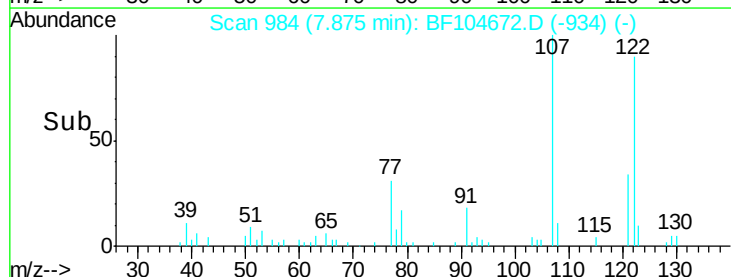
77 34.6 70.7 110.7#

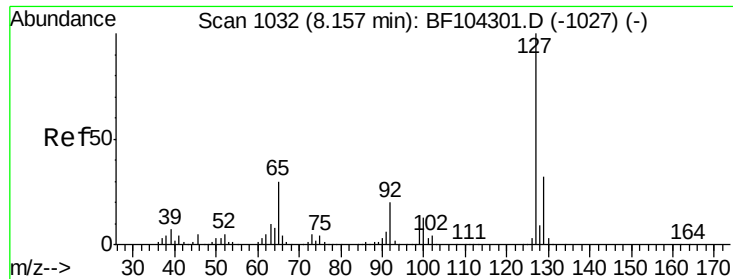


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

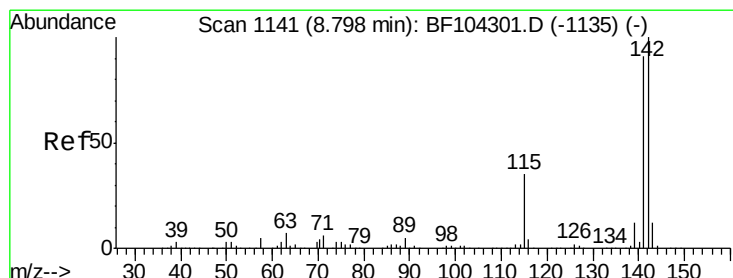
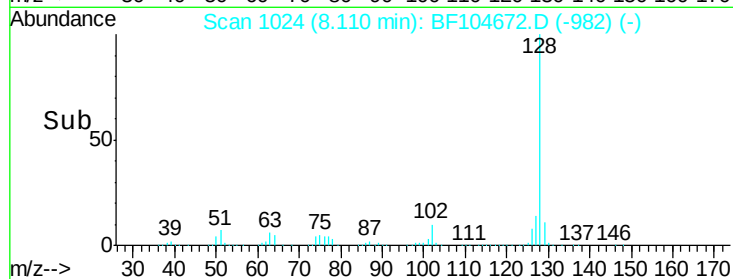
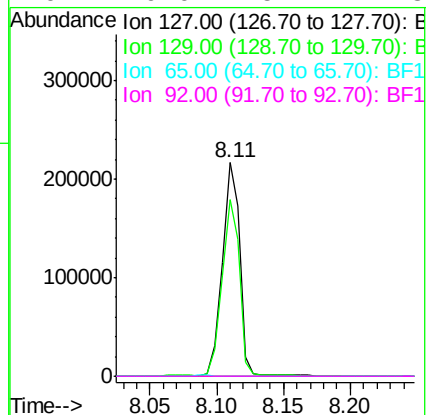
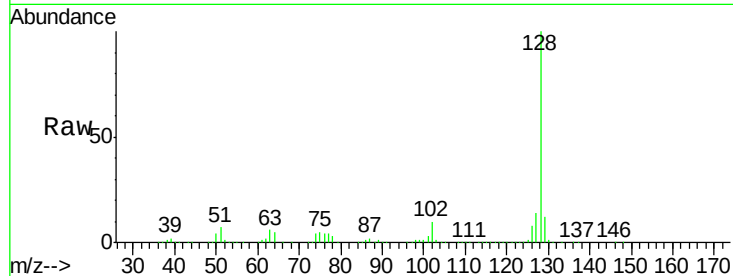




#33
4-Chloroaniline
Concen: 22.084 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

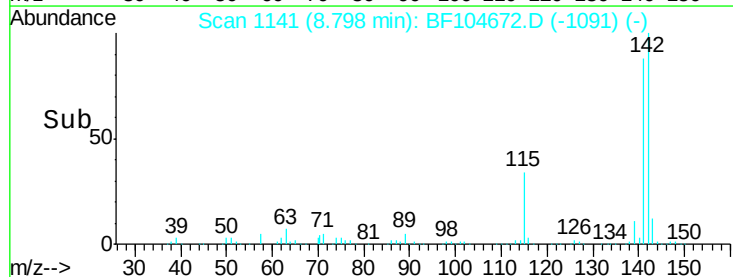
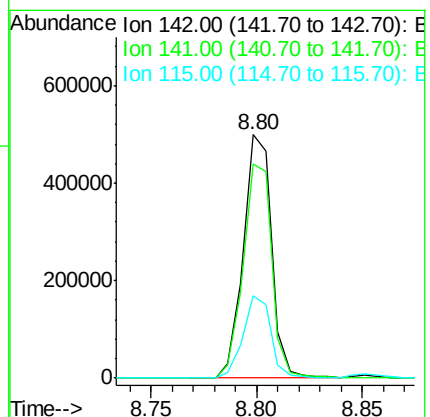
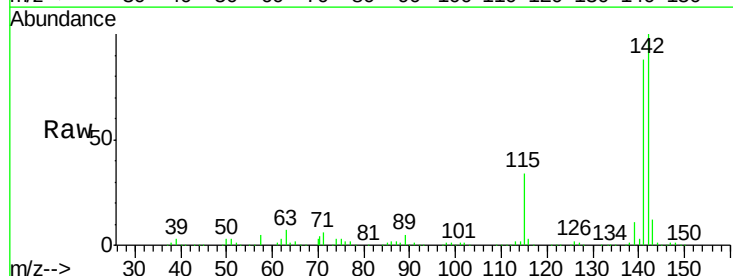
Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)

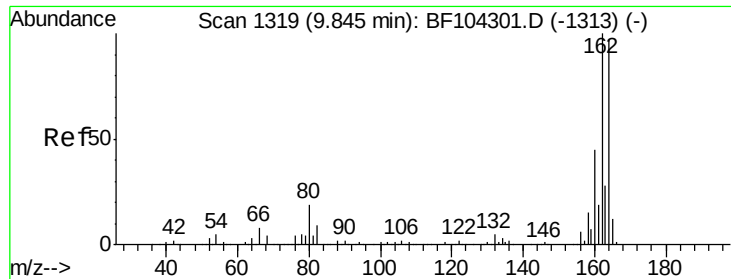
Tot Ion:	127	Resp:	201499
Ion	Ratio	Lower	Upper
127	100		
129	82.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 33.561 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Tgt Ion:	142	Resp:	462350
Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	33.9	26.1	39.1

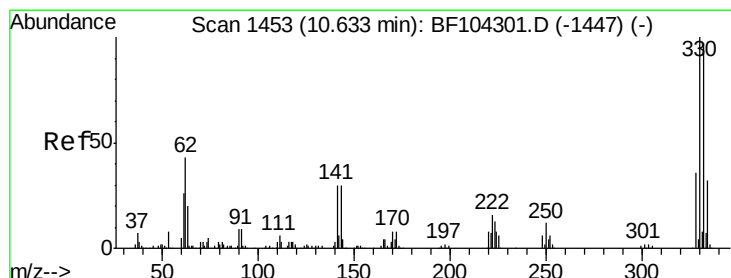
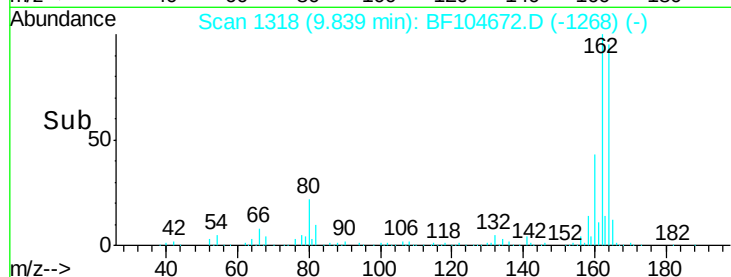
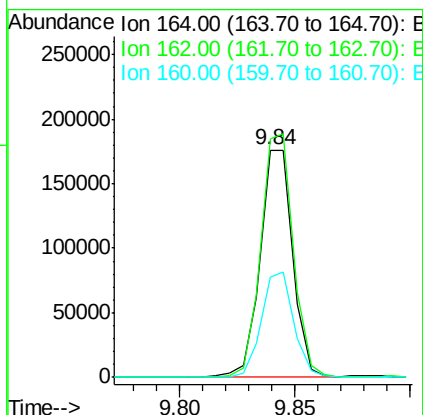
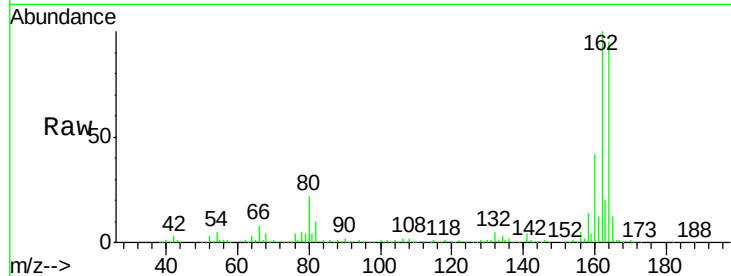




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

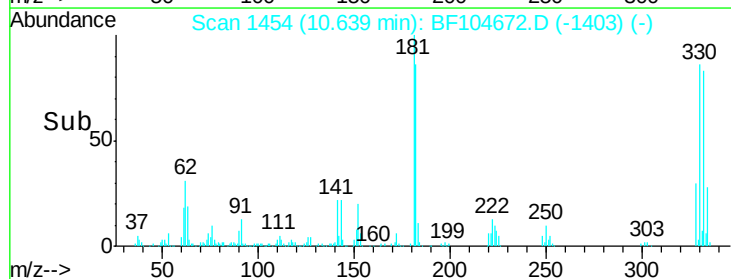
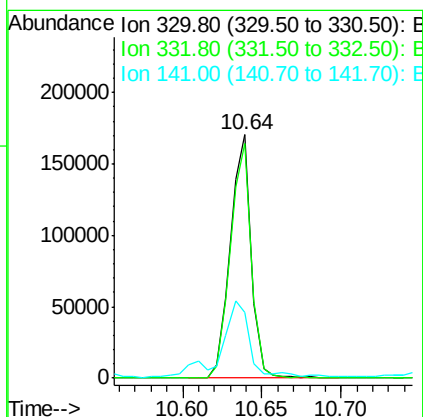
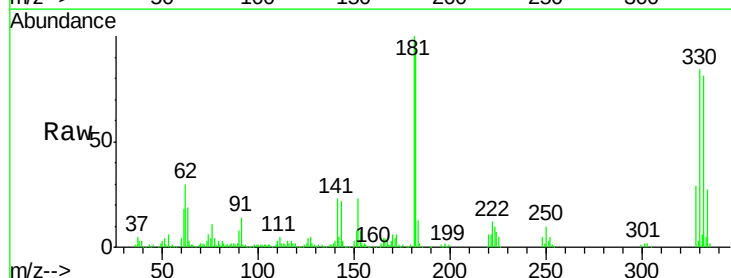
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

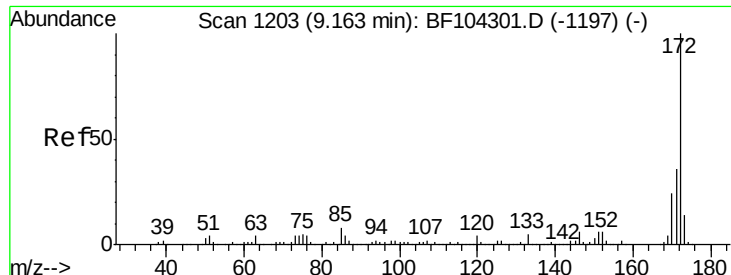
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	44.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 86.402 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	42.8	29.9	44.9

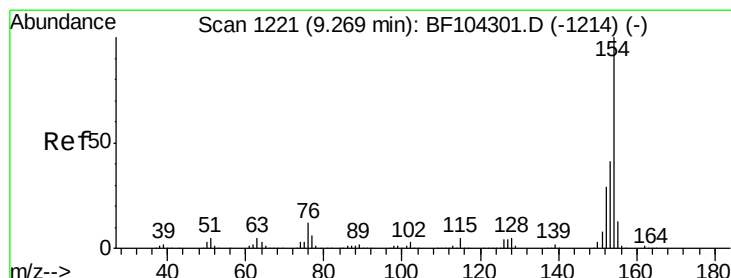
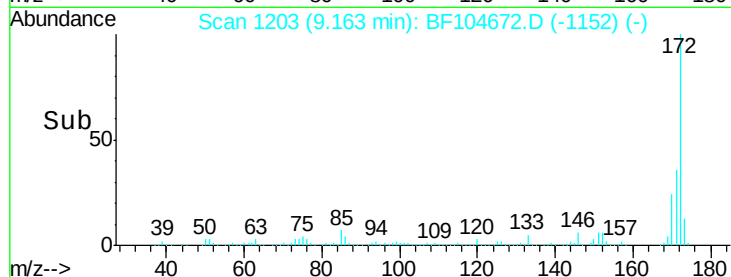
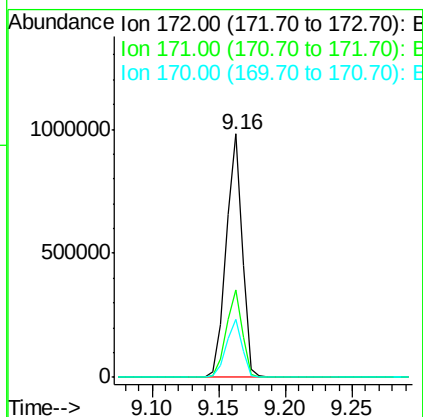
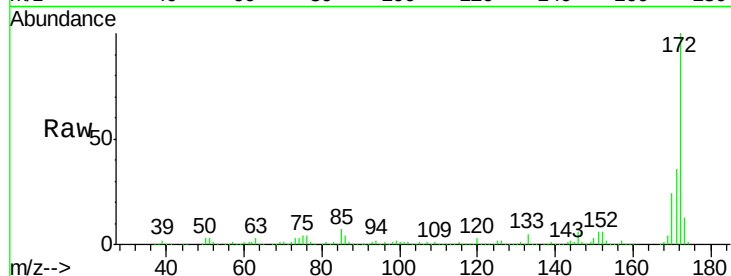




#44
 2-Fluorobiphenyl
 Concen: 76.298 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

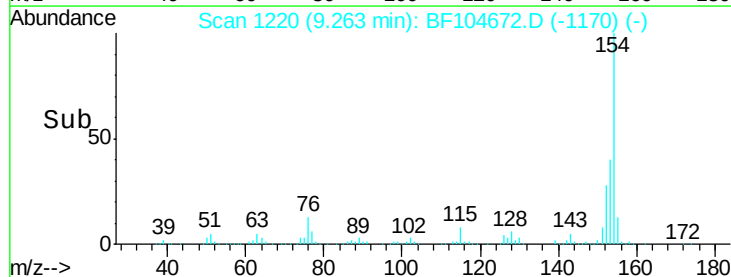
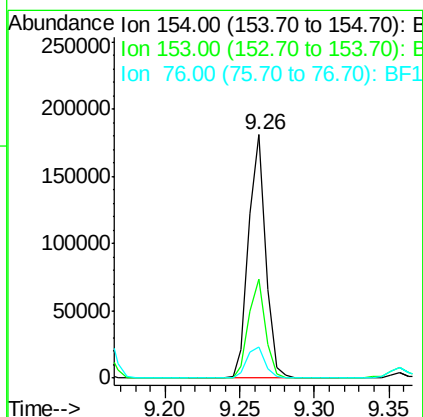
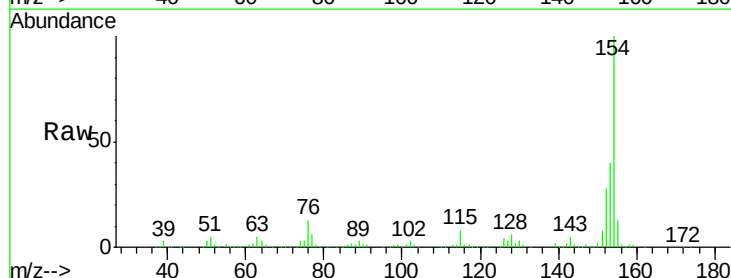
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

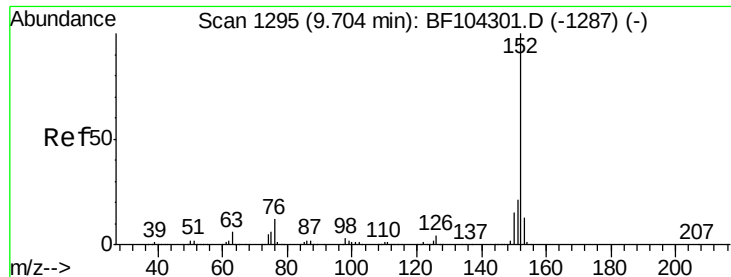
Tot Ion:172 Resp: 840053
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 9.739 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Tgt Ion:154 Resp: 142310
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.6 0.0 34.0





#48

Acenaphthylene

Concen: 3.539 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

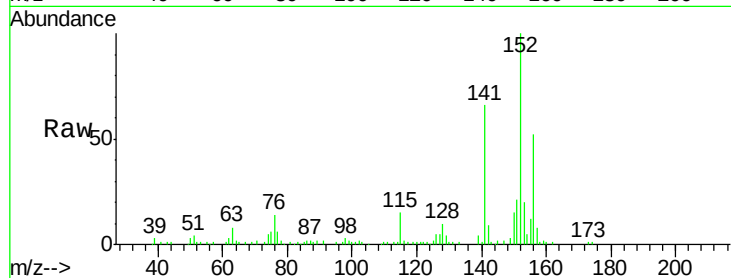
Tot Ion:152 Resp: 64076

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

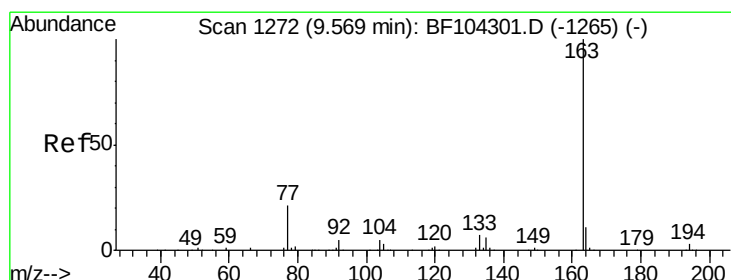
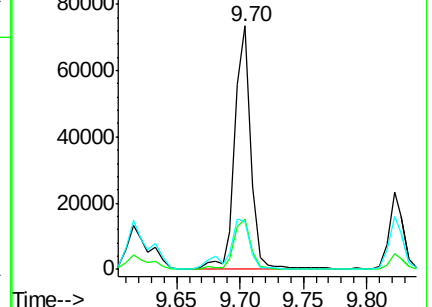
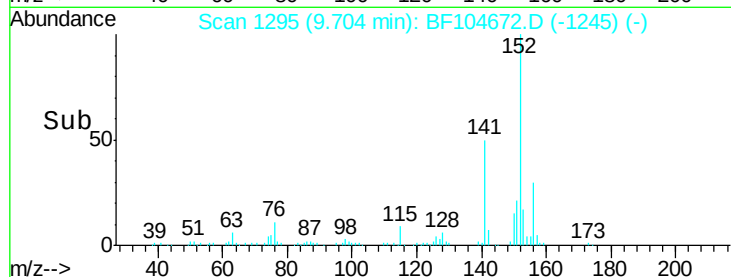
153 19.6 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.580 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

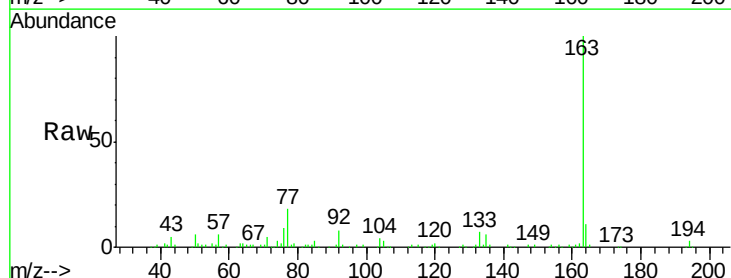
Tgt Ion:163 Resp: 90246

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

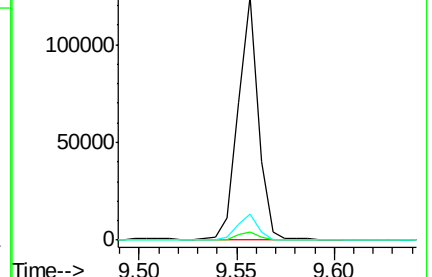
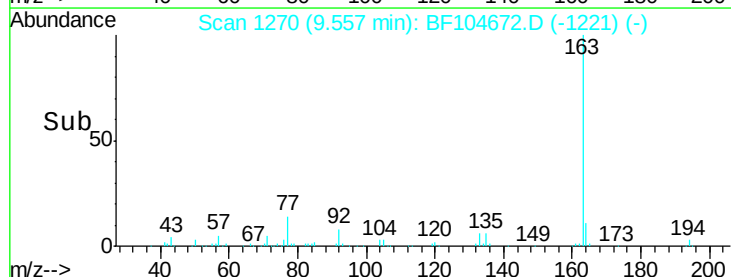
164 10.7 8.2 12.2

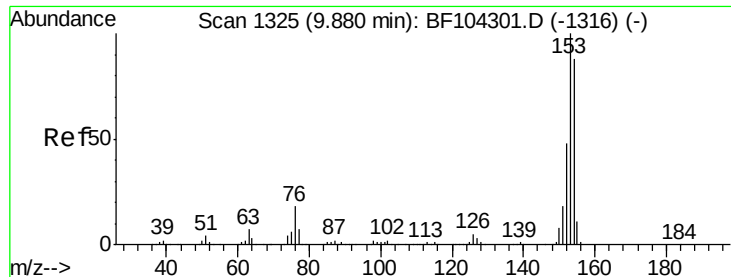


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 67.847 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

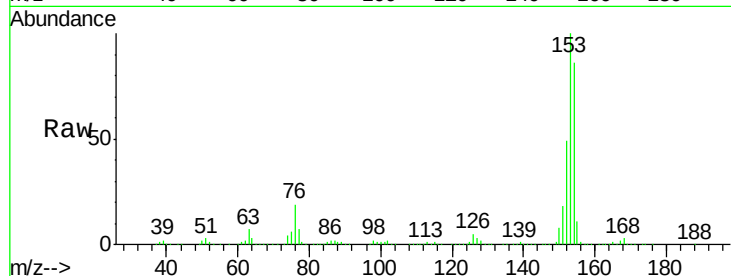
Tot Ion:154 Resp: 749602

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

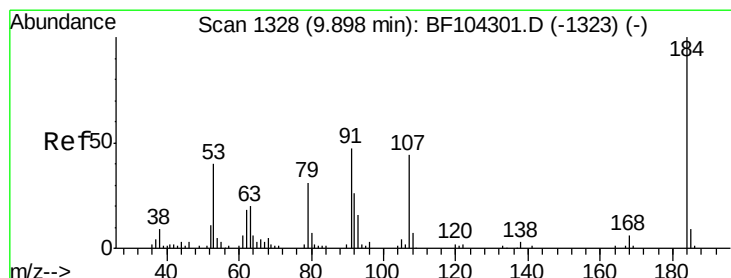
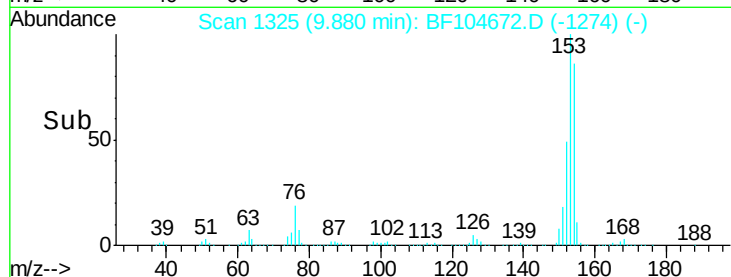
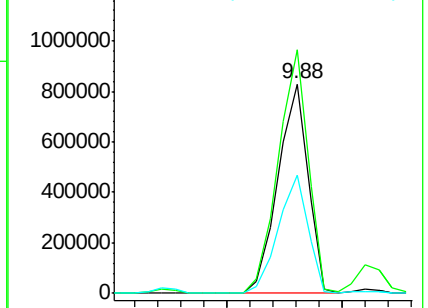
152 56.5 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 5.283 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.08 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

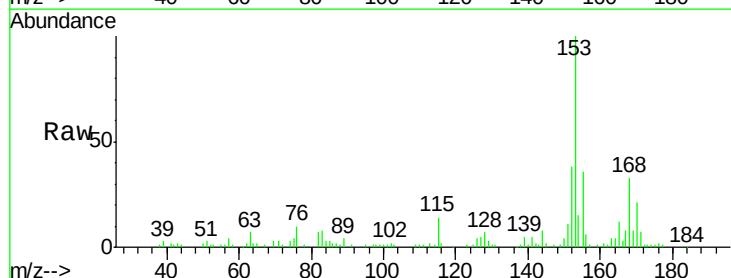
Tgt Ion:184 Resp: 110

Ion Ratio Lower Upper

184 100

63 1456.2 54.2 81.2#

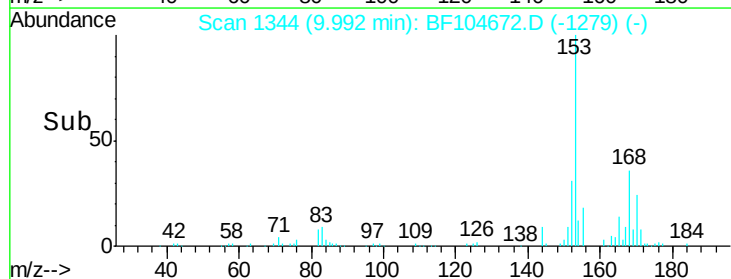
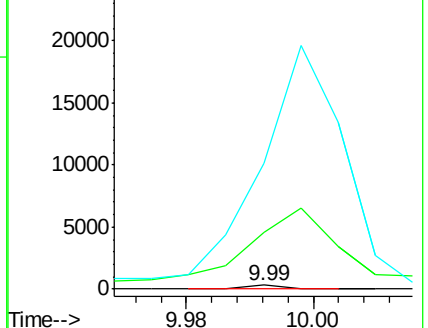
154 3239.3 184.0 276.0#

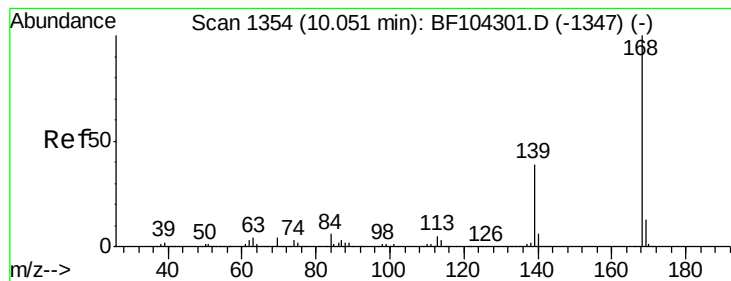


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 50.089 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

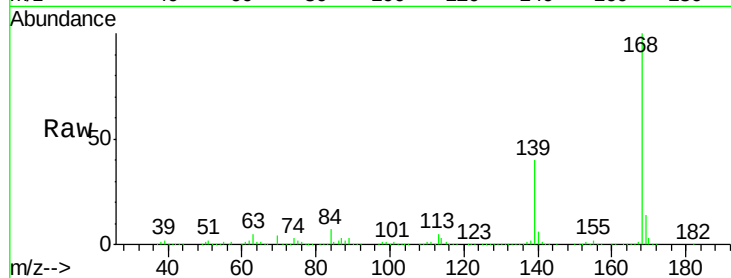
Tot Ion:168 Resp: 771220

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

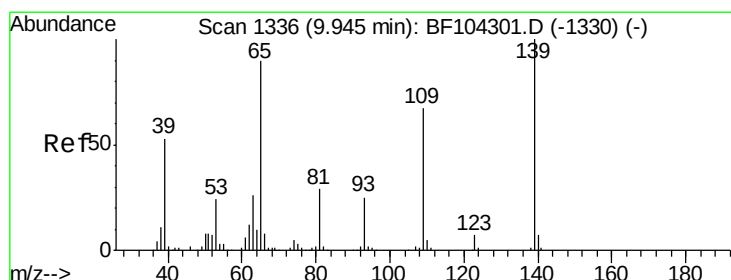
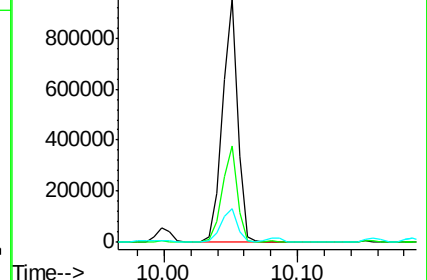
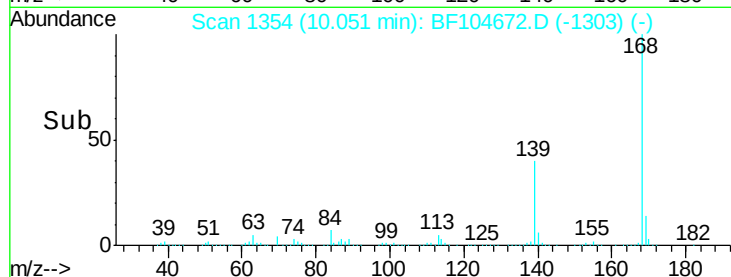
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 129.188 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.08 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

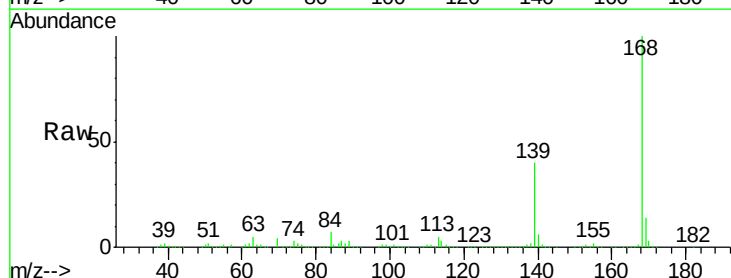
Tgt Ion:139 Resp: 301526

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

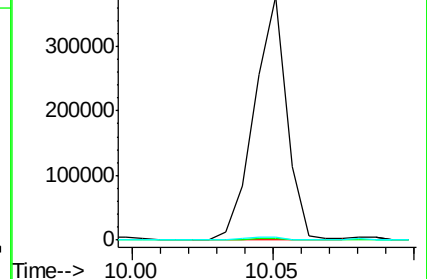
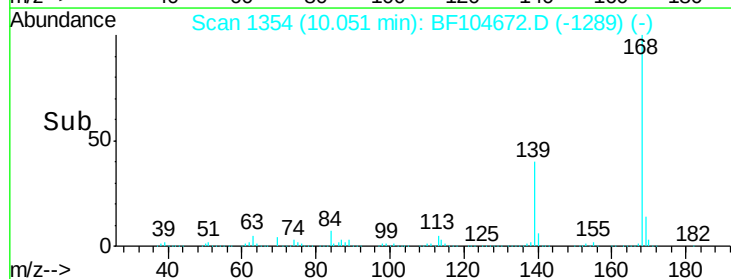
65 1.3 72.6 112.6#

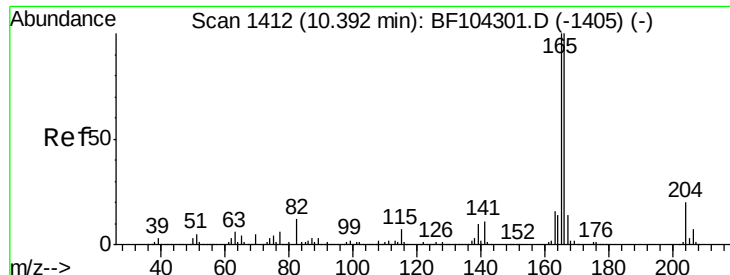


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

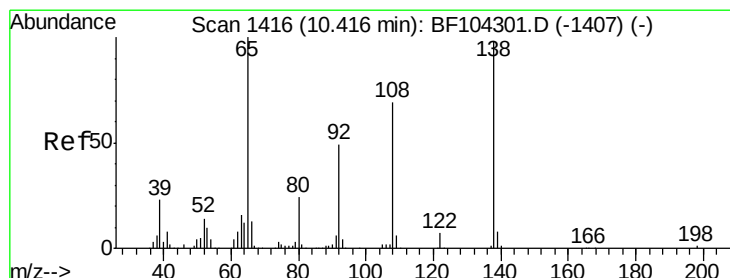
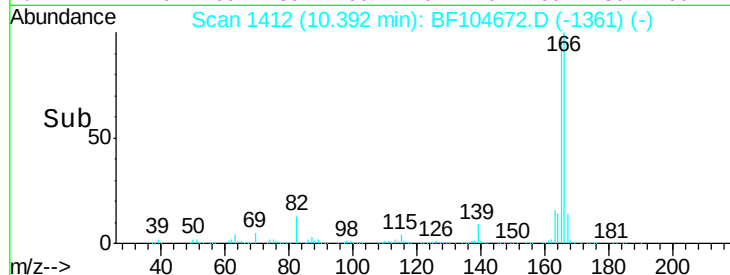
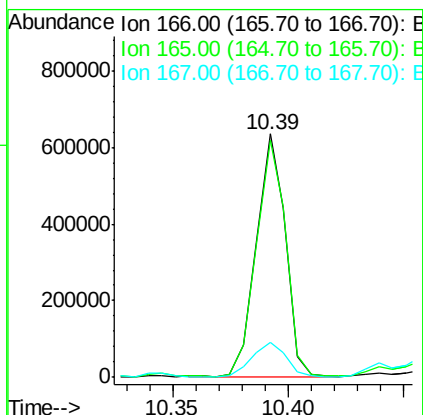
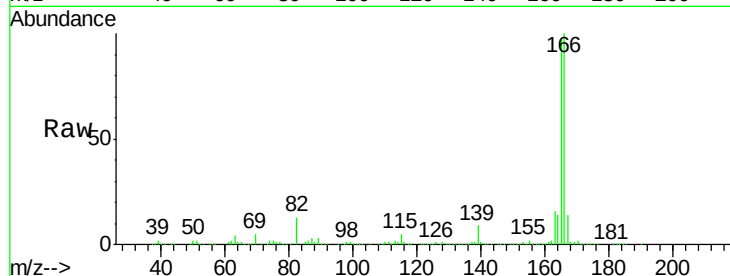




#57
 Fluorene
 Concen: 49.491 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

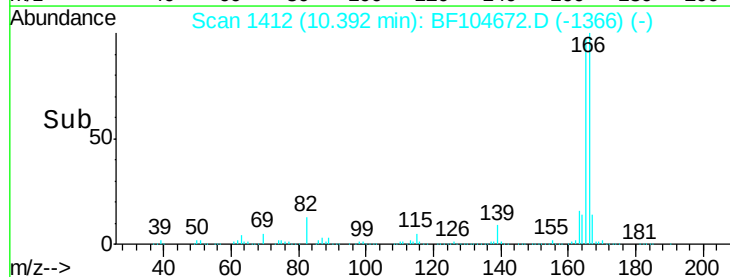
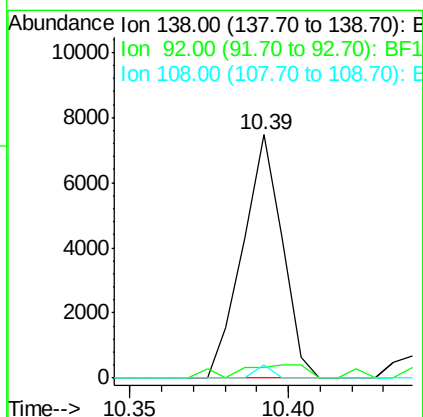
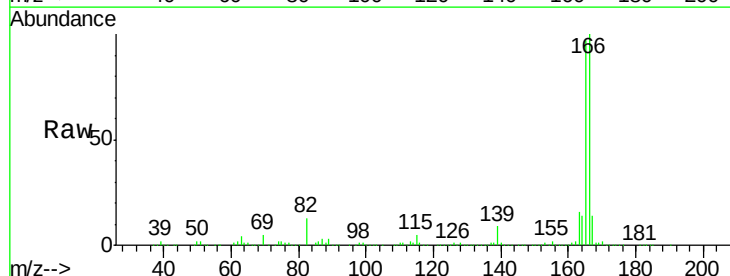
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

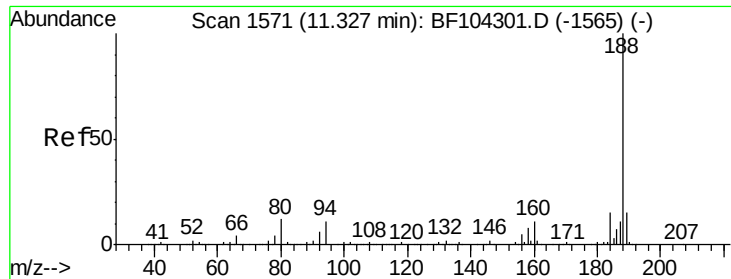
Tot Ion:166 Resp: 554649
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.8 119.8
 167 14.4 10.6 16.0



#61
 4-Nitroaniline
 Concen: 2.220 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.03 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Tgt Ion:138 Resp: 6449
 Ion Ratio Lower Upper
 138 100
 92 4.4 30.2 70.2#
 108 5.3 52.5 92.5#

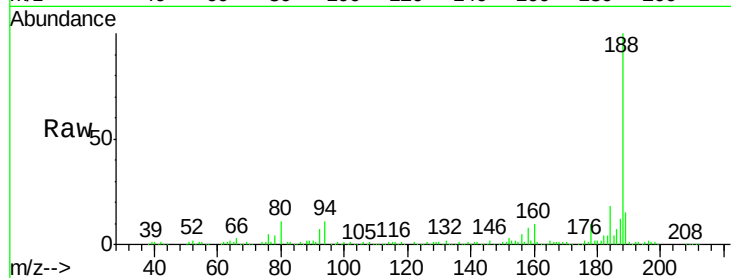




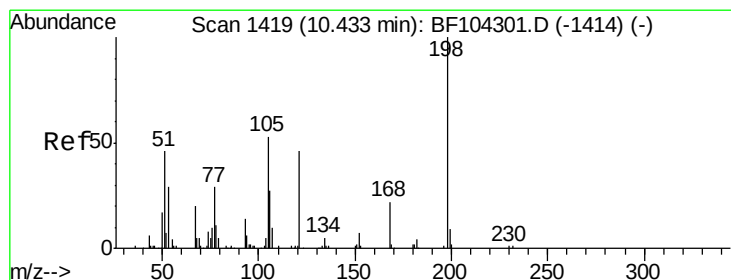
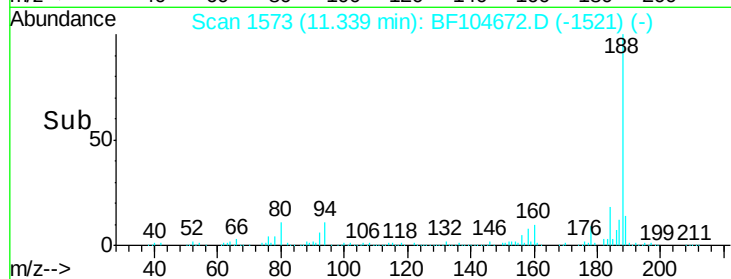
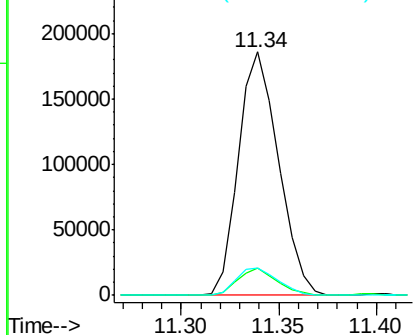
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)

Tot Ion:188 Resp: 264424
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.0 9.2 13.8

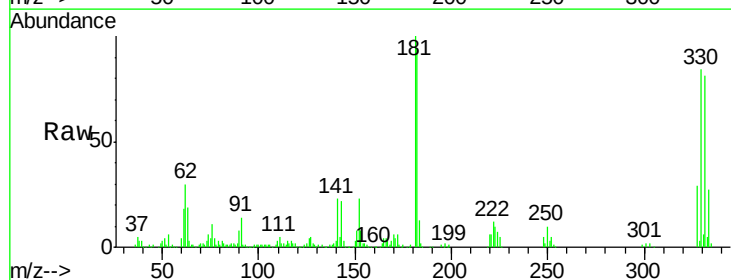


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

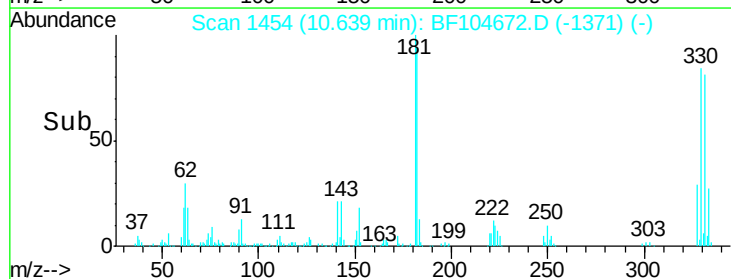
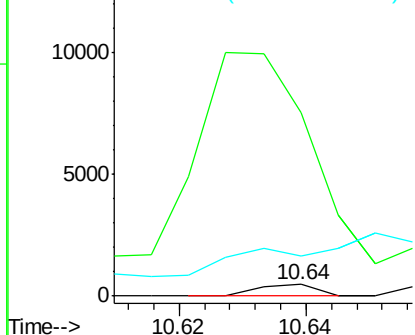


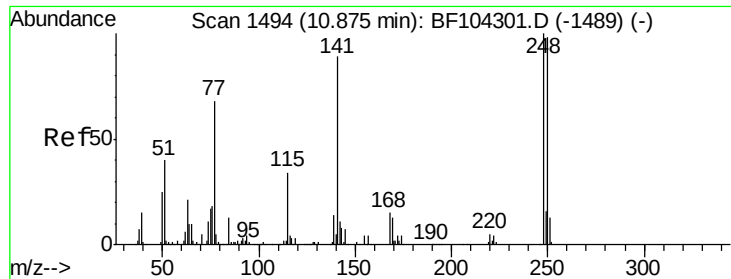
#64
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104672.D
Acq: 20 Apr 2018 14:21

Tgt Ion:198 Resp: 298
Ion Ratio Lower Upper
198 100
51 1615.7 37.7 77.7#
105 351.1 36.3 76.3#



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

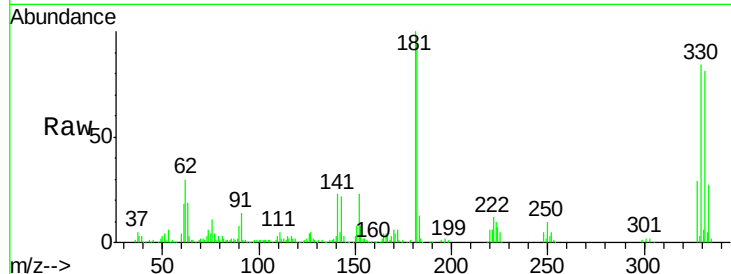




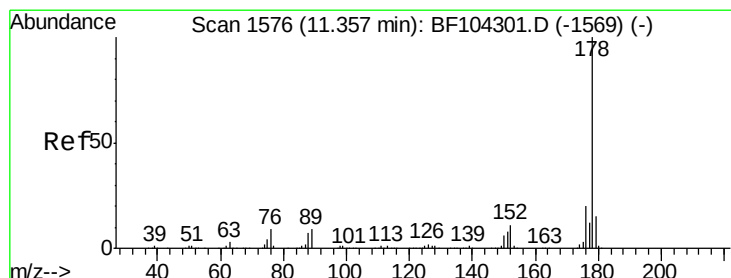
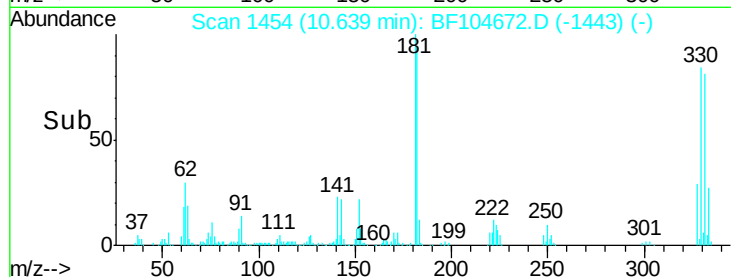
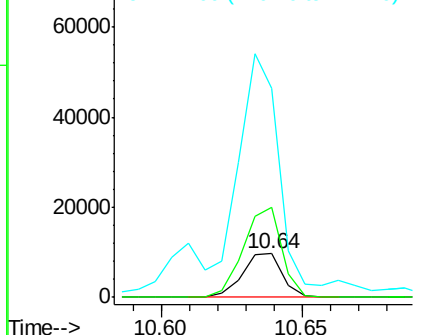
#66
 4-Bromophenyl-phenylether
 Concen: 3.376 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

Tot Ion:248 Resp: 9496
 Ion Ratio Lower Upper
 248 100
 250 205.7 76.9 115.3#
 141 477.4 74.4 111.6#

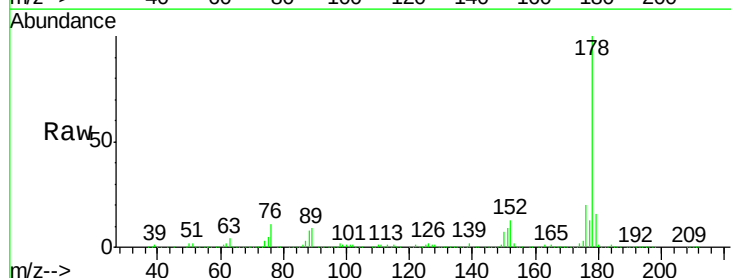


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

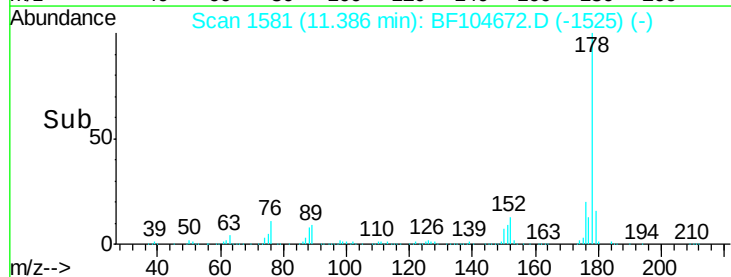
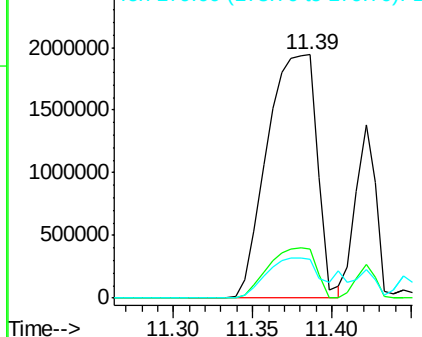


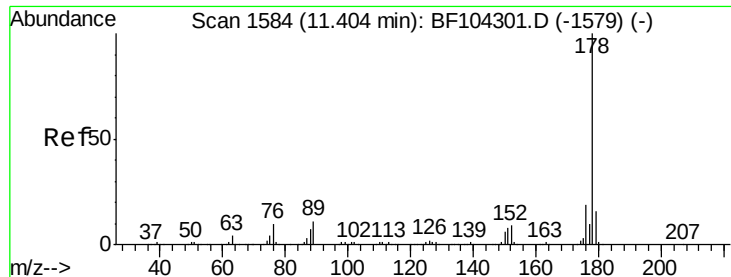
#70
 Phenanthrene
 Concen: 287.601 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.03 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Tgt Ion:178 Resp: 4235099
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.9 13.0 19.6



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

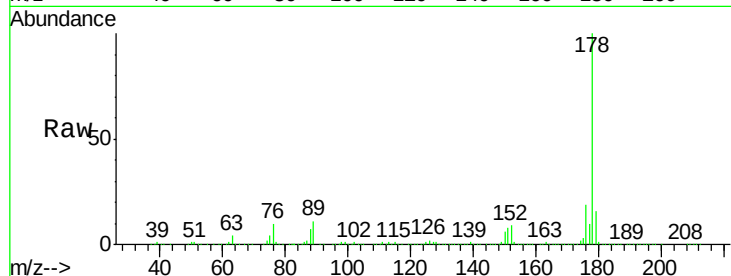




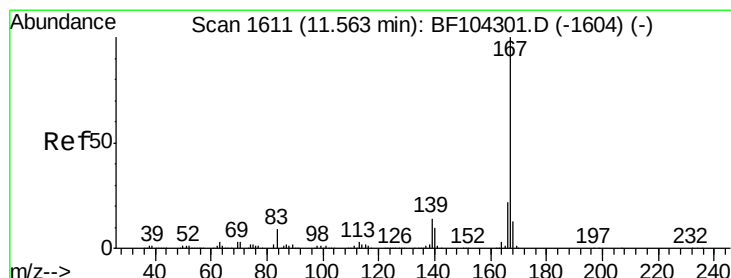
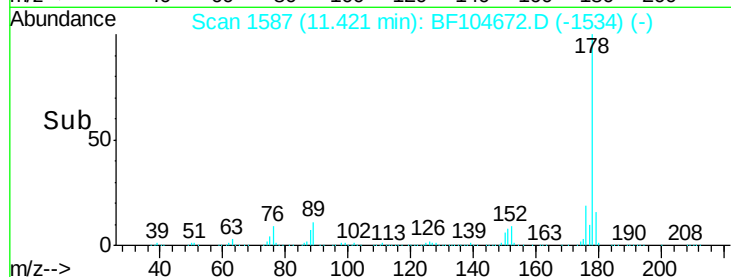
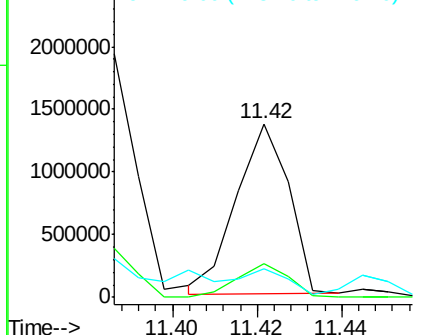
#71
 Anthracene
 Concen: 78.638 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

Tot Ion:178 Resp: 1177107
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.1 12.6 19.0

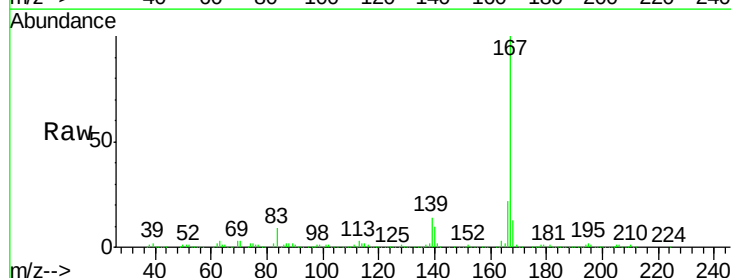


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

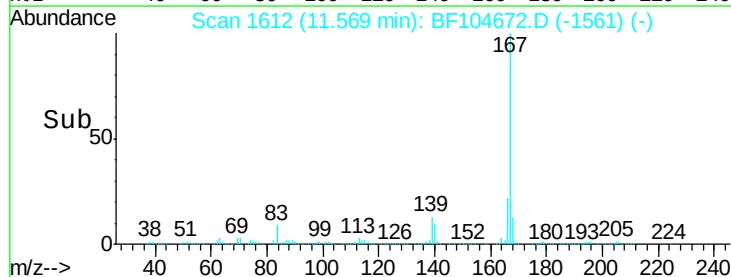
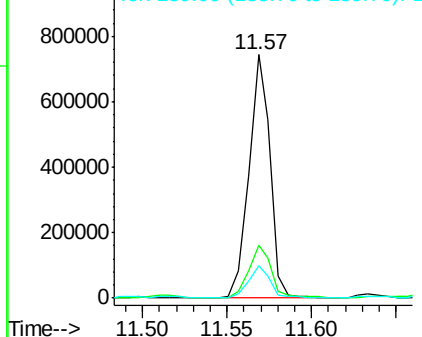


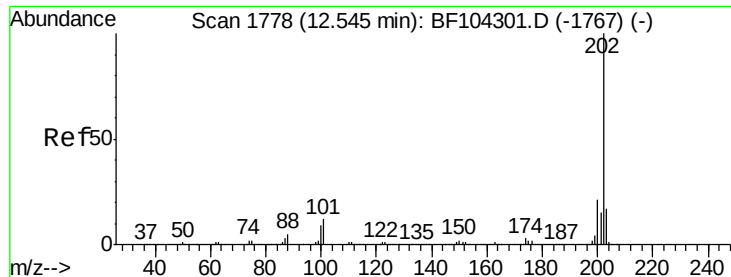
#72
 Carbazole
 Concen: 44.066 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Tgt Ion:167 Resp: 644559
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.6 10.9 16.3



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





#74

Fluoranthene

Concen: 291.997 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.04 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

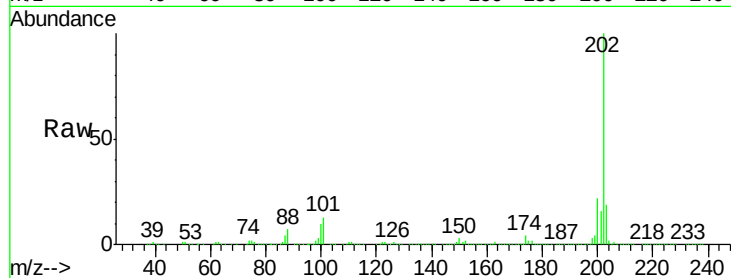
Tot Ion:202 Resp: 4492491

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

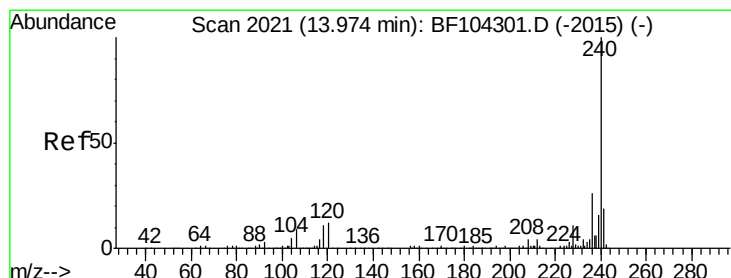
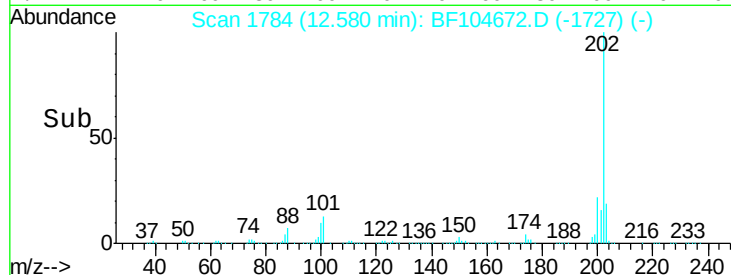
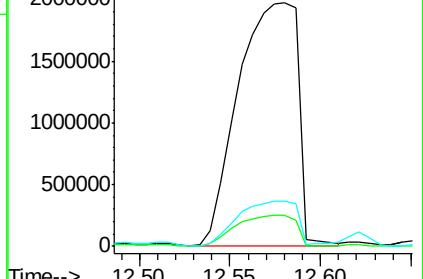
203 18.8 0.0 38.1



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: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

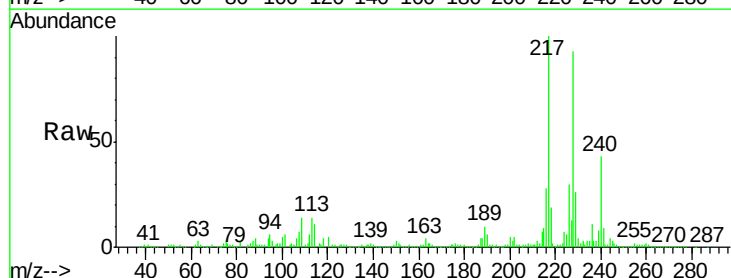
Tgt Ion:240 Resp: 182679

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

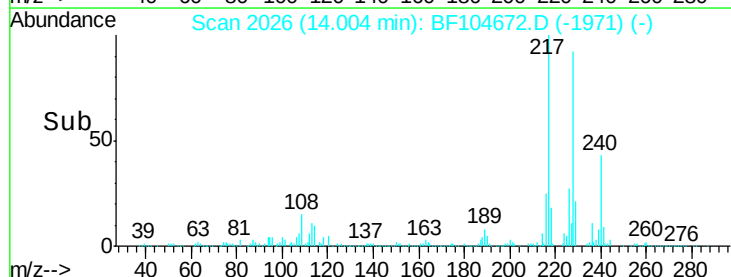
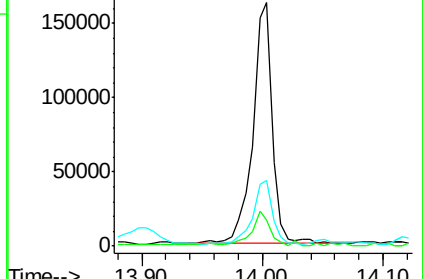
236 26.8 20.7 31.1

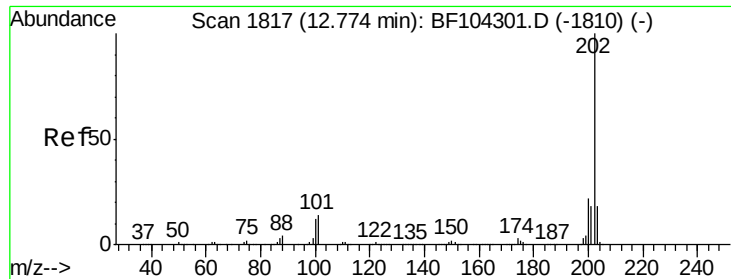


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 288.729 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.04 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

Tot Ion:202 Resp: 3909617

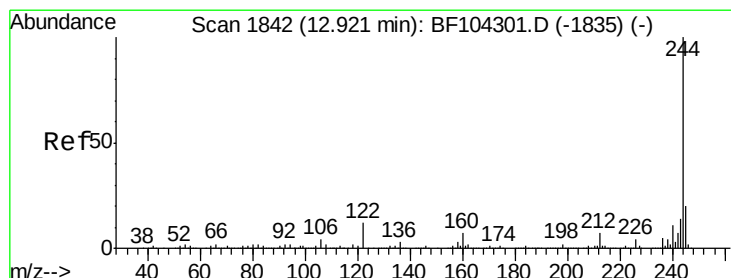
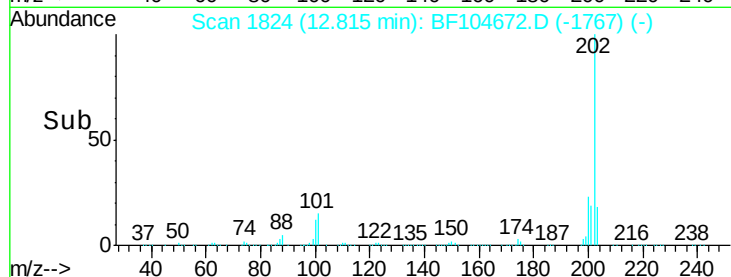
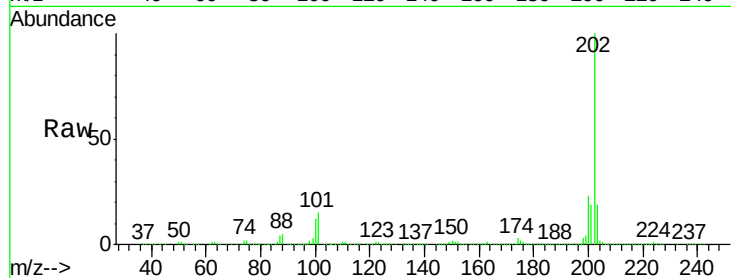
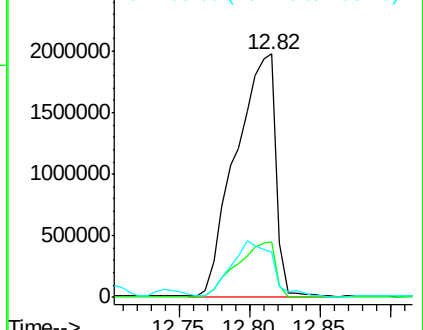
Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.8	14.3	21.5

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: 86.324 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Tgt Ion:244 Resp: 691698

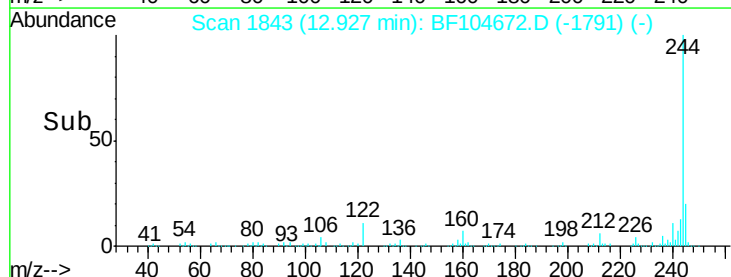
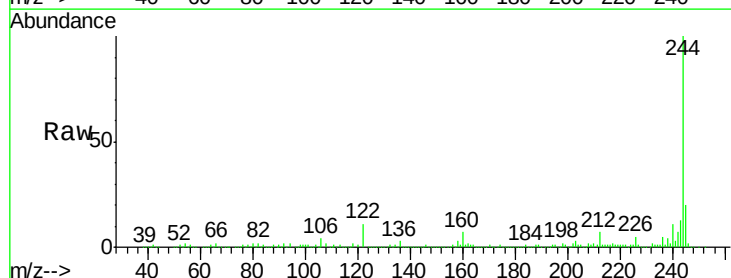
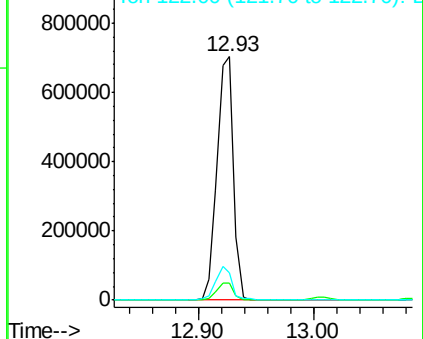
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4

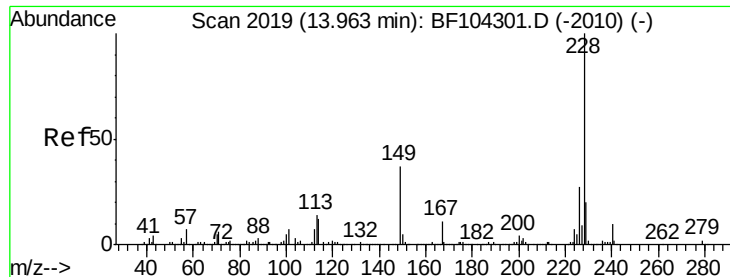
Abundance

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





#80

Benzo(a)anthracene

Concen: 222.400 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

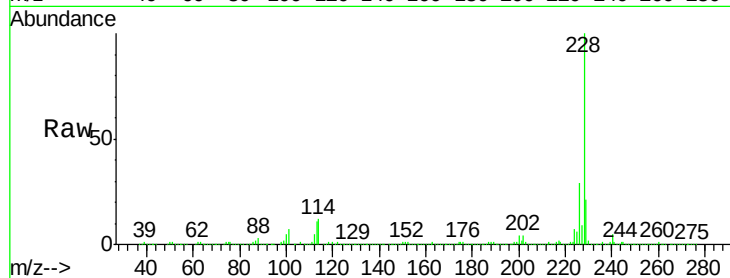
BNA_F

ClientSampleId :

EPE-L-7A(0-5)

Tot Ion:228 Resp: 2427150

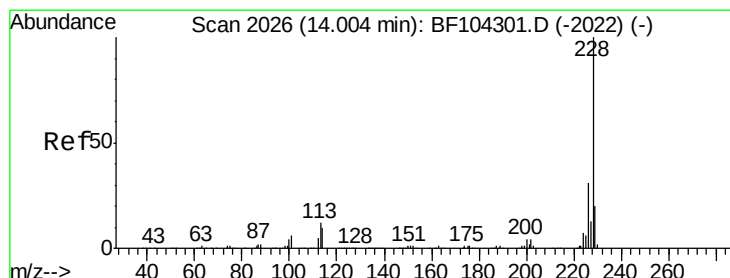
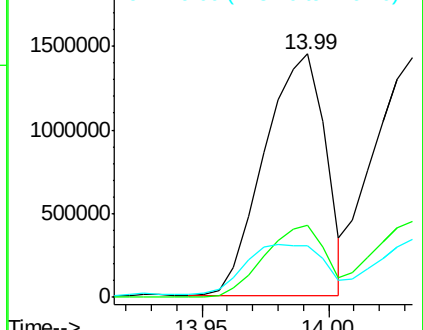
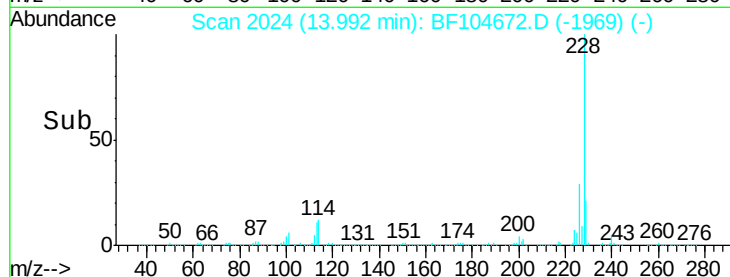
Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 216.521 ng

RT: 13.99 min Scan# 2024

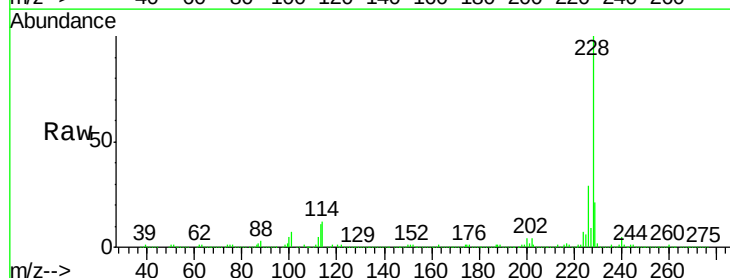
Delta R.T. -0.02 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Tgt Ion:228 Resp: 2427150

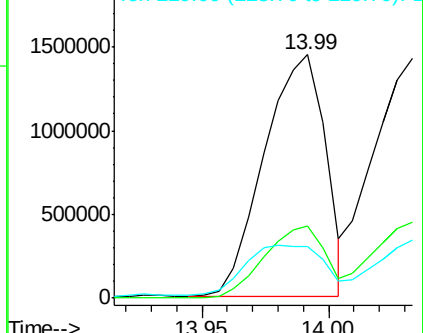
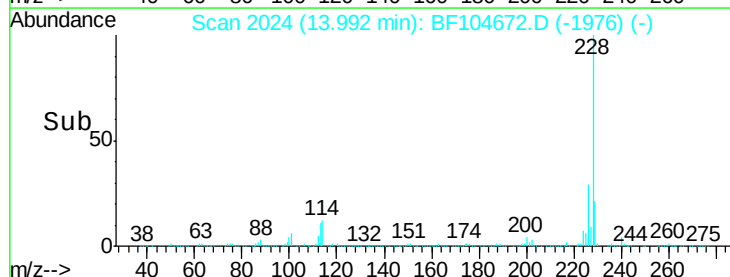
Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.2	16.2	24.4

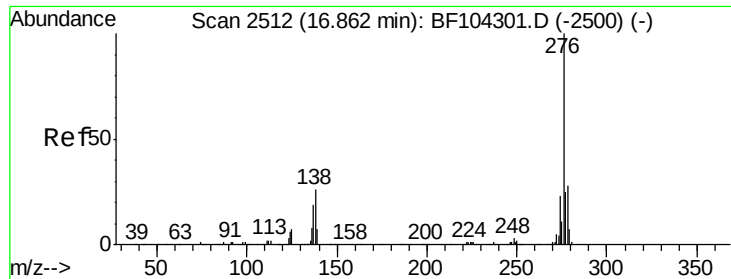


Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

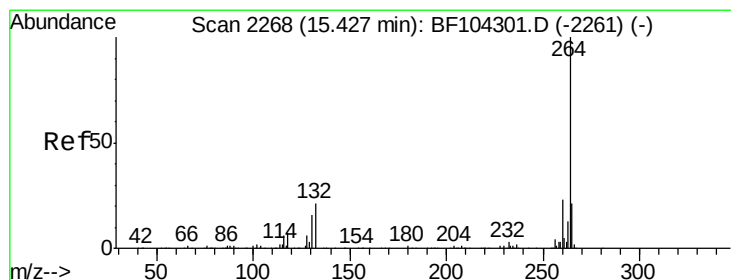
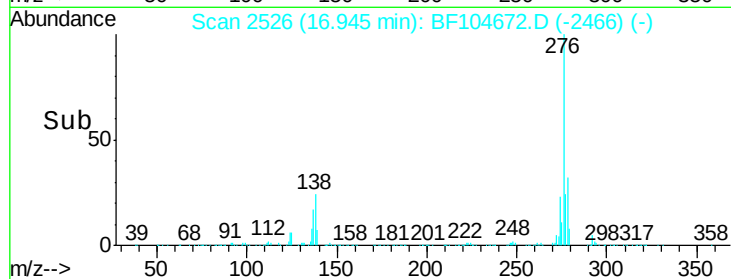
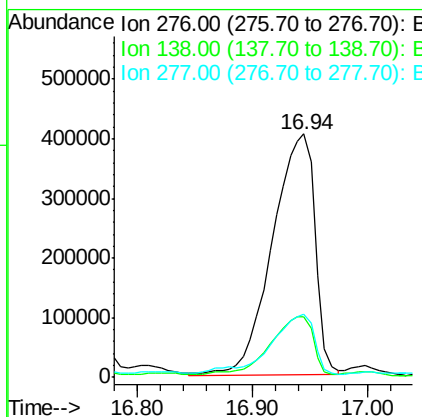
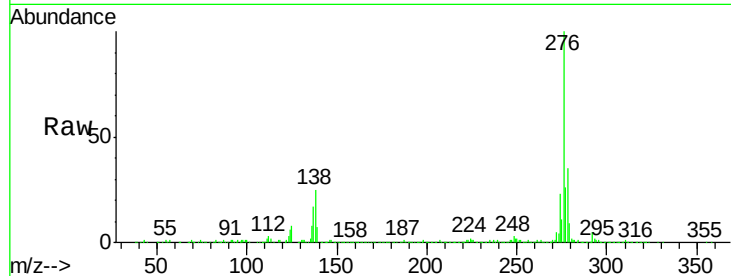




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 108.069 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.05 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

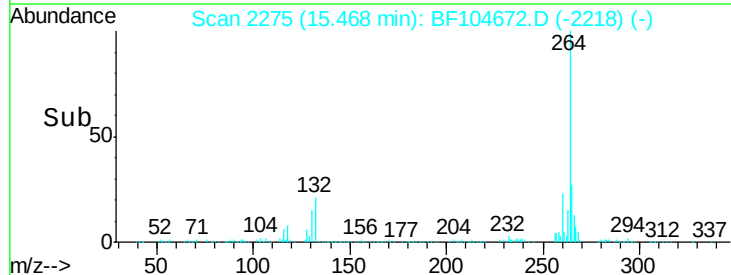
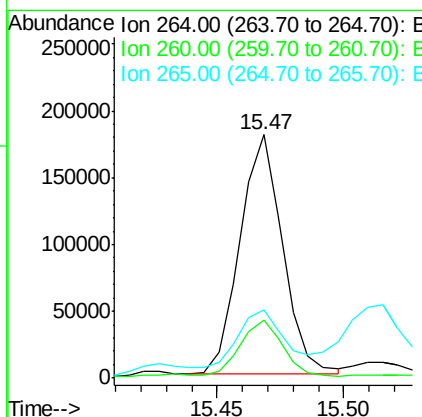
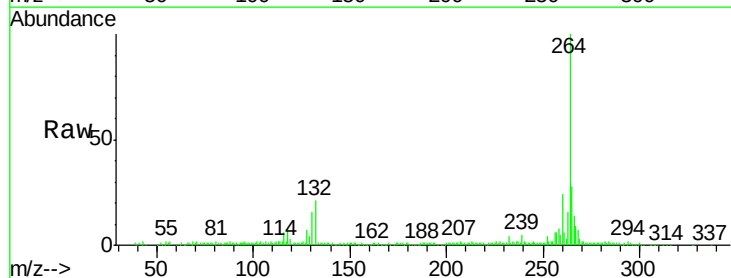
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

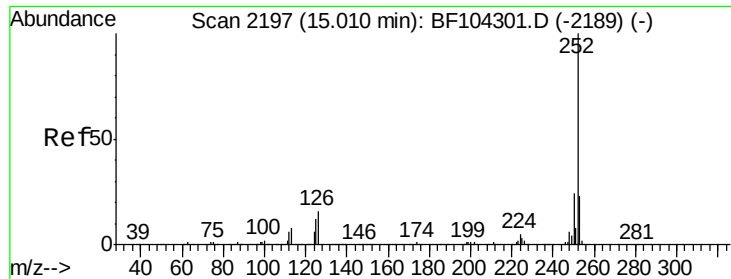
Tot Ion:276 Resp: 1029093
 Ion Ratio Lower Upper
 276 100
 138 25.0 25.0 37.6#
 277 26.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.04 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Tgt Ion:264 Resp: 210936
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 28.1 17.5 26.3#





#87

Benzo(b)fluoranthene

Concen: 242.878 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.04 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

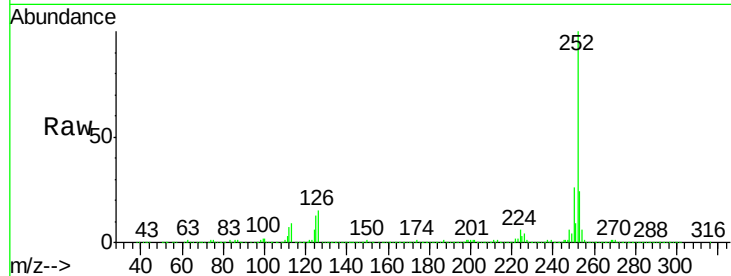
Tot Ion:252 Resp: 3235701

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

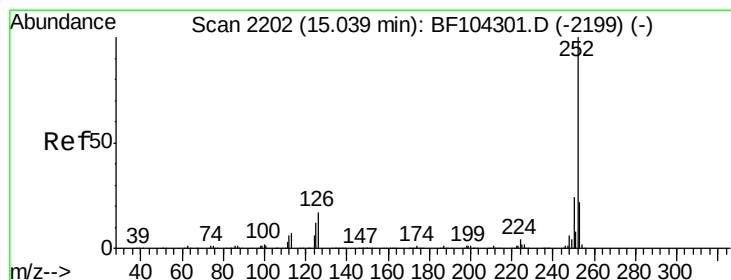
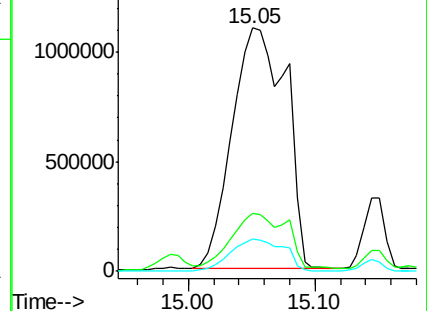
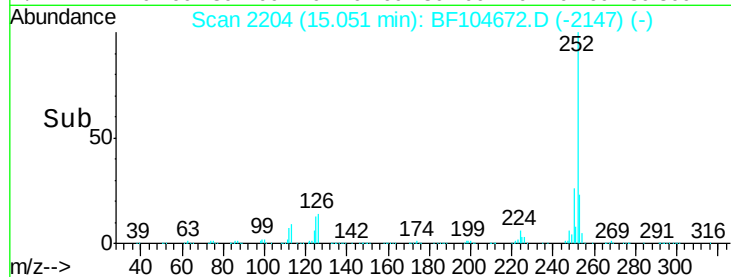
125 13.1 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 257.261 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

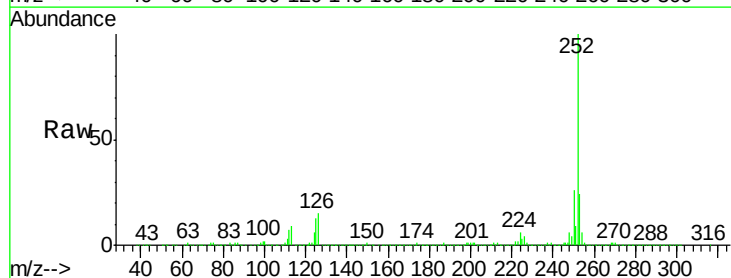
Tgt Ion:252 Resp: 3235701

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

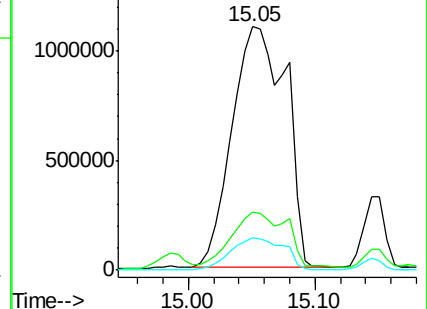
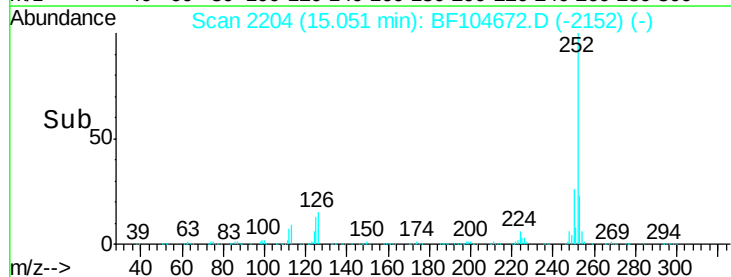
125 13.1 10.2 15.2

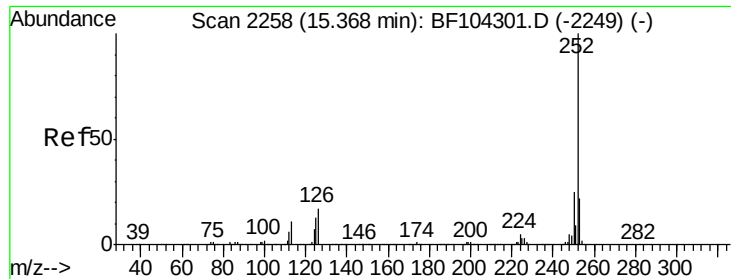


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 150.970 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.04 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

Instrument :

BNA_F

ClientSampleId :

EPE-L-7A(0-5)

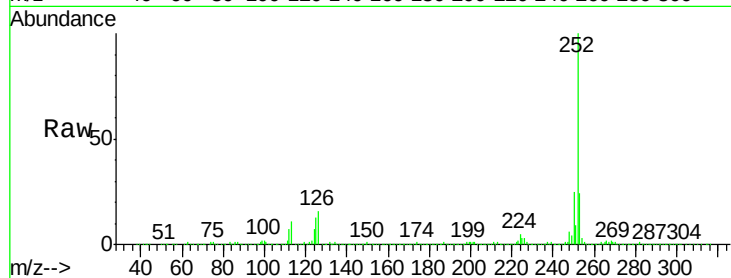
Tot Ion:252 Resp: 1799587

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

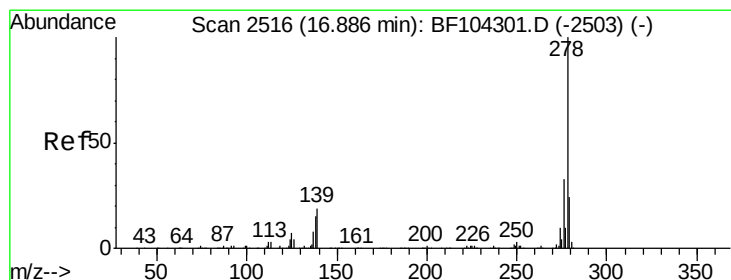
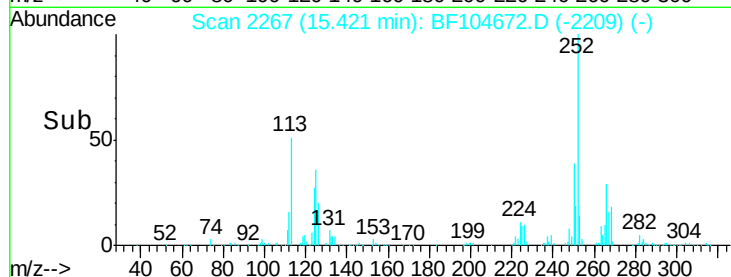
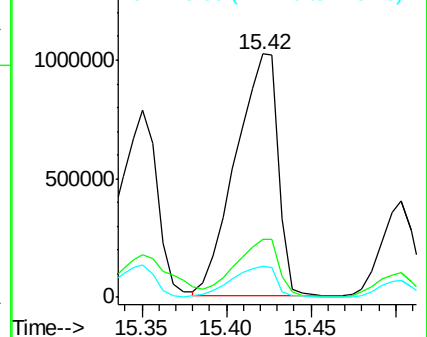
125 13.0 9.8 14.6



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: 35.005 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.04 min

Lab File: BF104672.D

Acq: 20 Apr 2018 14:21

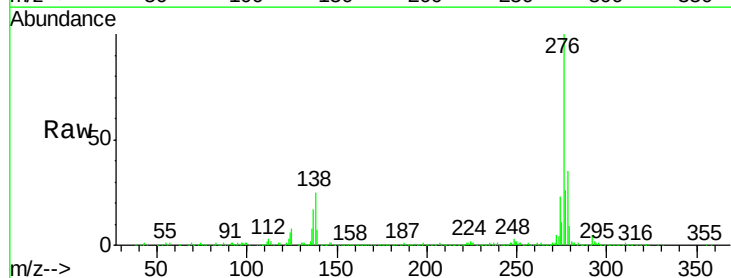
Tgt Ion:278 Resp: 342702

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

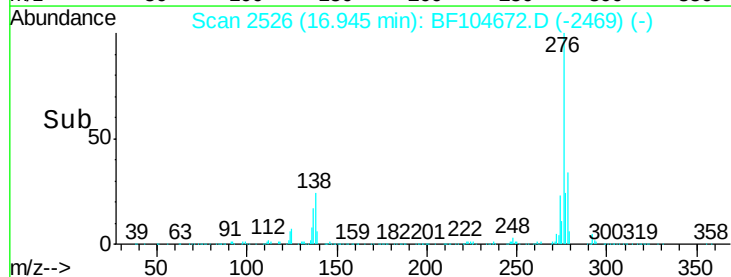
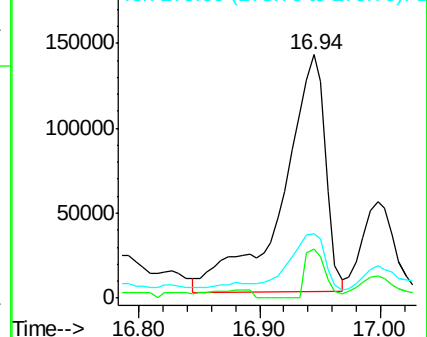
279 26.6 19.0 28.4

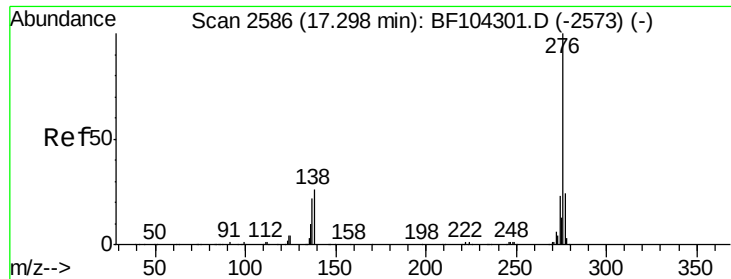


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

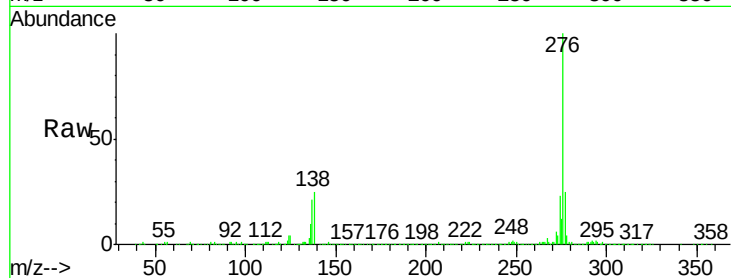




#91
 Benzo(a,h,i)perylene
 Concen: 99.336 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. 0.06 min
 Lab File: BF104672.D
 Acq: 20 Apr 2018 14:21

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	24.7	21.8	32.8



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

