

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102037.D
 Acq On : 11 Jan 2018 23:41
 Operator : SJ/JU
 Sample : J1081-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-1(5-6)

Quant Time: Jan 12 02:20:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

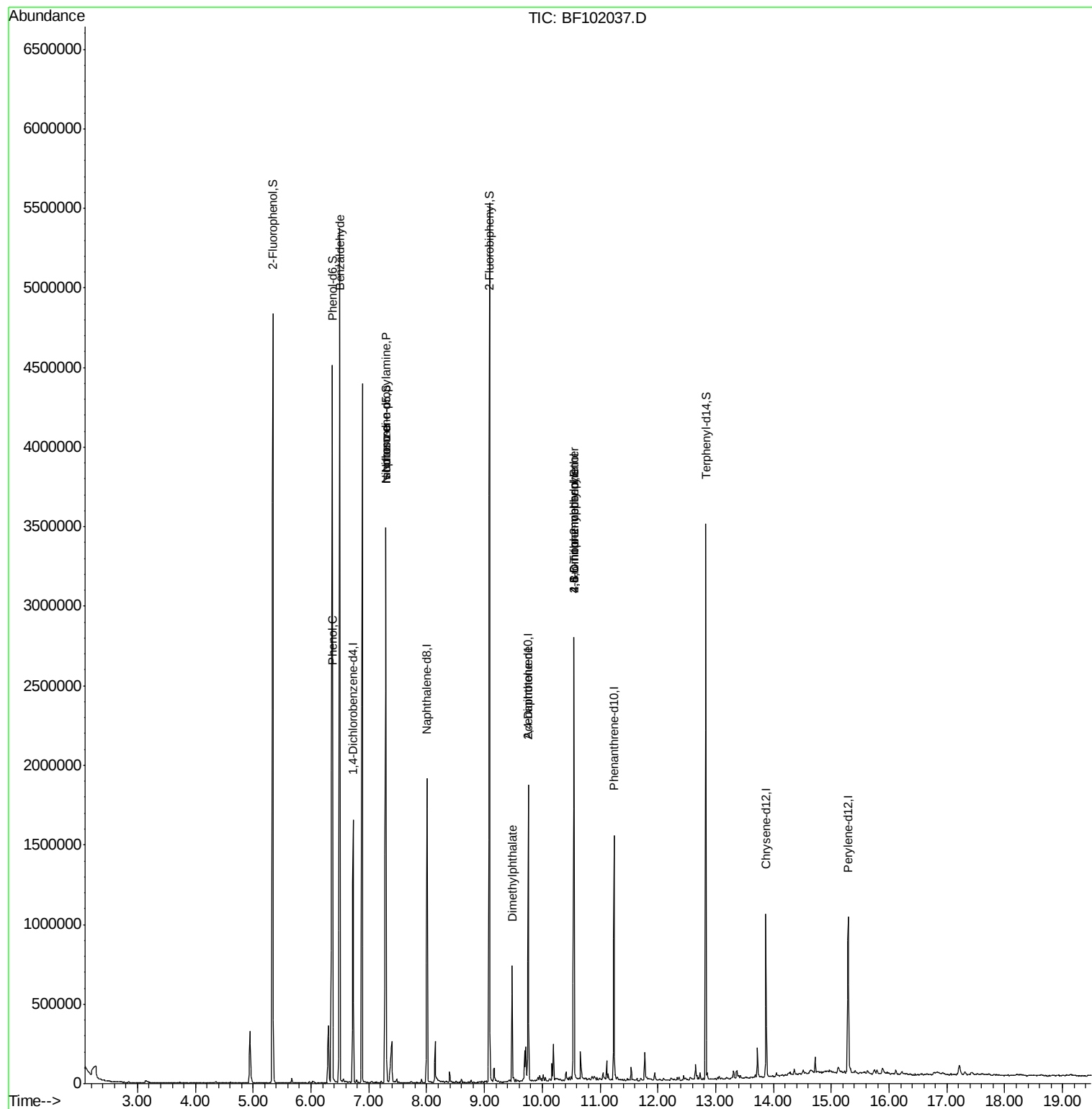
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222063	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	864310	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	344834	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	499646	20.00	ng	0.00
75) Chrysene-d12	13.87	240	346529	20.00	ng	0.00
86) Perylene-d12	15.29	264	397447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1715771	109.10	ng	0.01
7) Phenol-d6	6.37	99	2063292	109.97	ng	0.00
23) Nitrobenzene-d5	7.29	82	1305116	88.73	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	334339	111.10	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1926221	87.27	ng	0.00
78) Terphenyl-d14	12.83	244	1142533	68.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	36042	2.767	ng	84
10) Phenol	6.38	94	86101	4.061	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	175835	14.300	ng	# 83
25) Isophorone	7.29	82	1305103	44.908	ng	# 64
49) Dimethylphthalate	9.48	163	253095	9.149	ng	99
56) 2,4-Dinitrotoluene	9.76	165	43961	6.347	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	613	5.861	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	21603	4.094	ng	# 1

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

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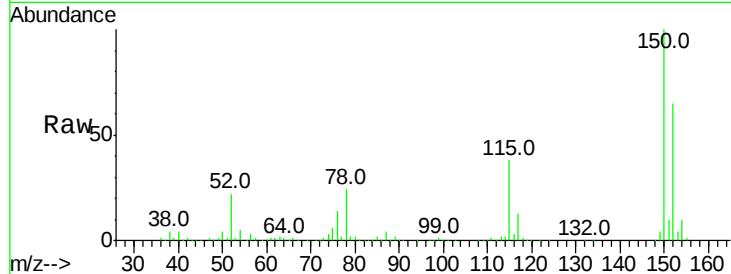


#1

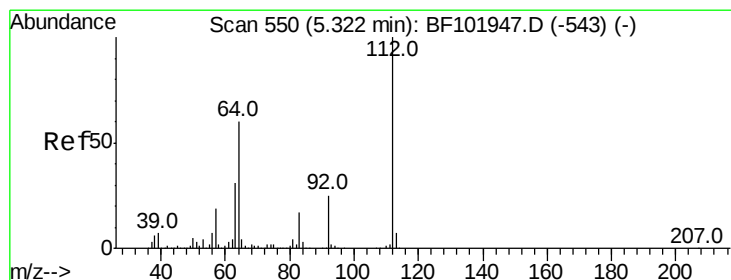
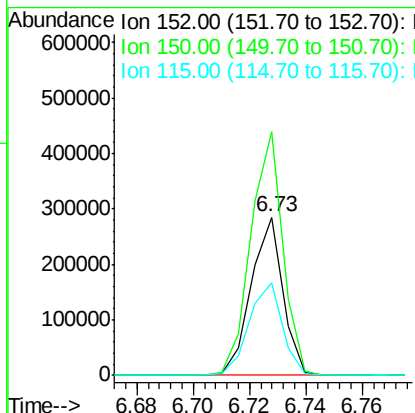
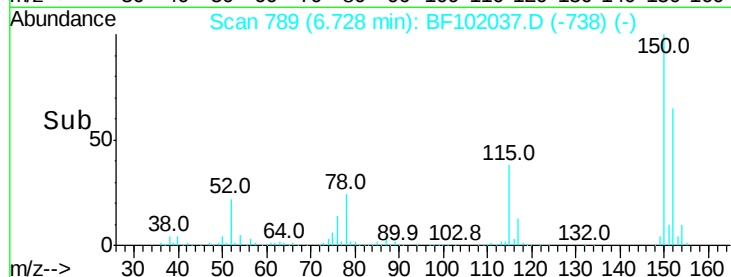
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(5-6)

Tot Ion:152 Resp: 222063
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.5 50.1 75.1



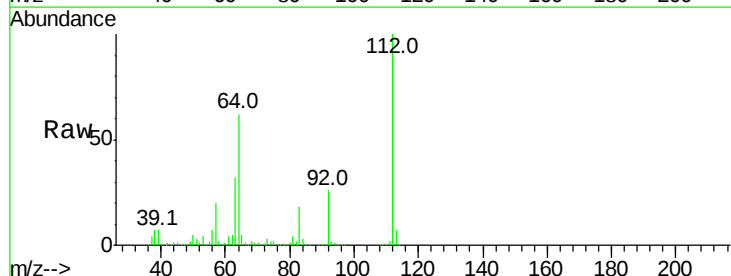
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



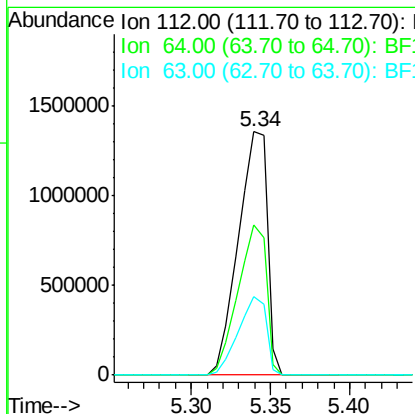
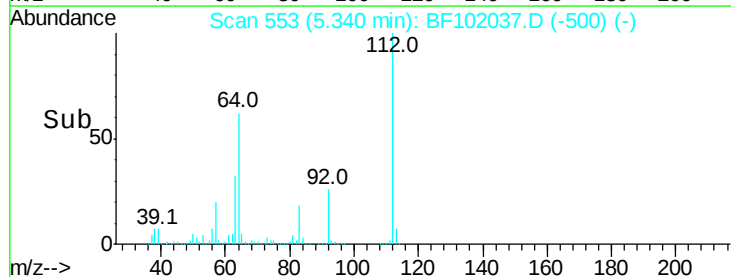
#5

2-Fluorophenol
Concen: 109.105 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Tgt Ion:112 Resp: 1715771
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 32.1 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: 109.968 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

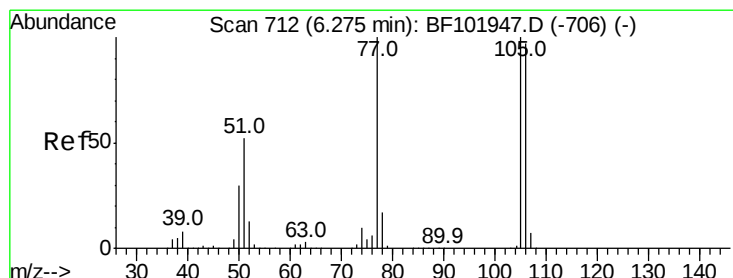
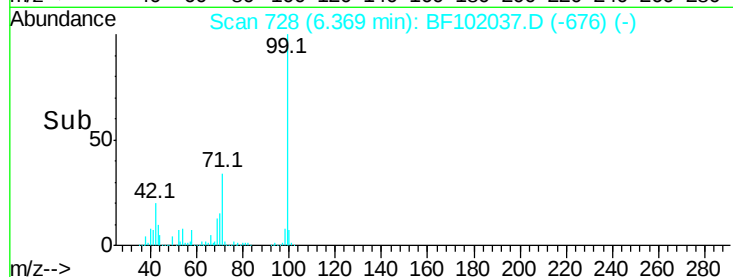
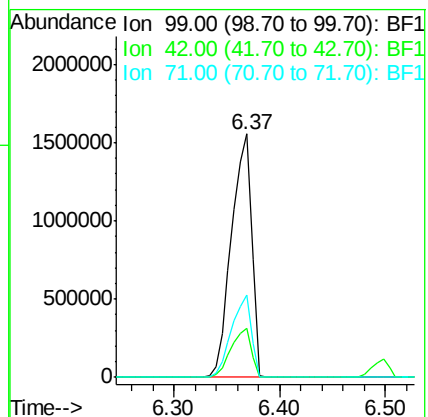
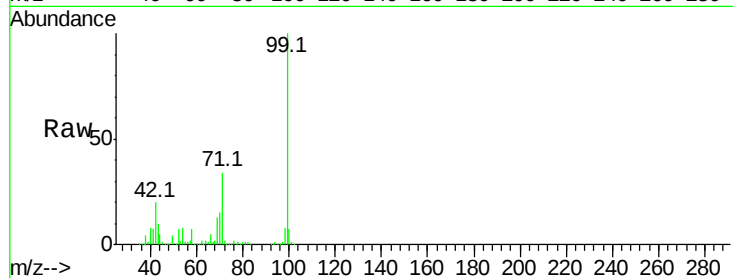
Tot Ion: 99 Resp: 2063292

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.6 25.4 38.0



#9

Benzaldehyde

Concen: 2.767 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

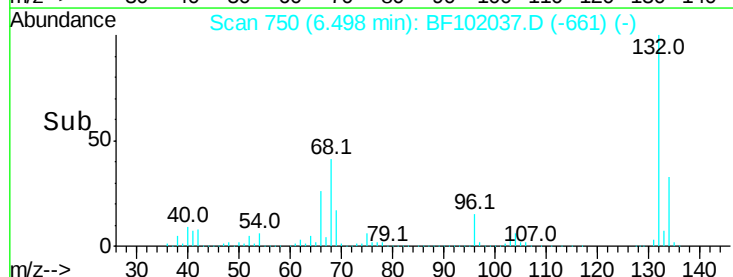
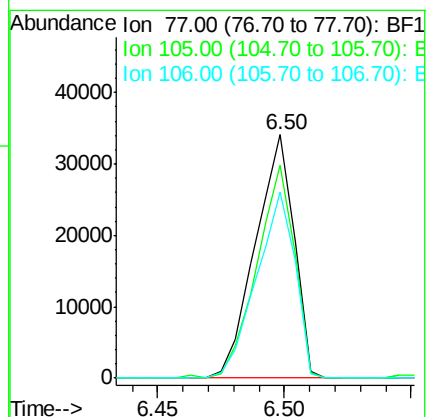
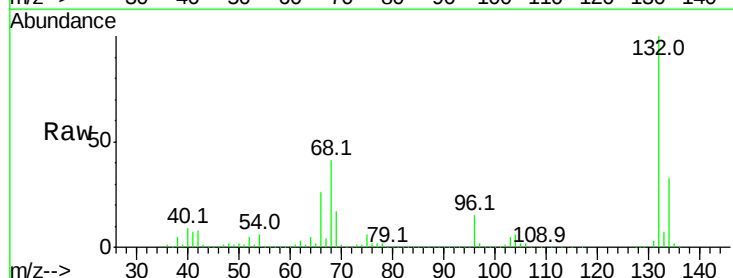
Tgt Ion: 77 Resp: 36042

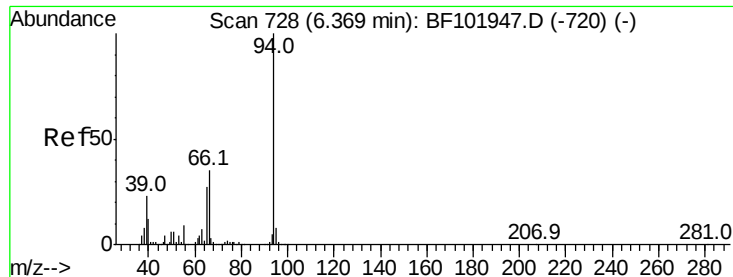
Ion Ratio Lower Upper

77 100

105 87.3 81.1 121.1

106 76.5 74.5 114.5





#10

Phenol

Concen: 4.061 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

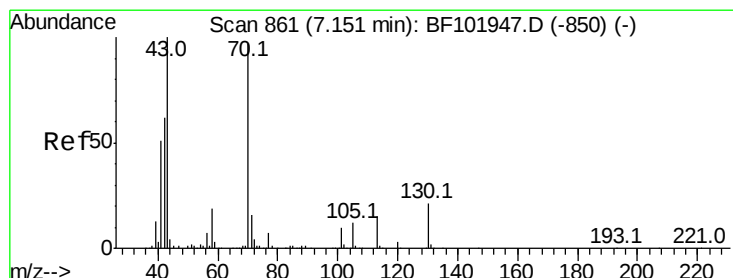
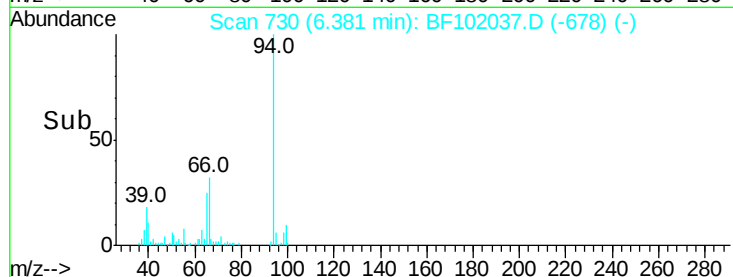
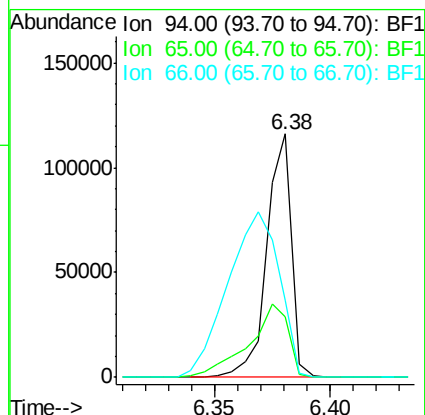
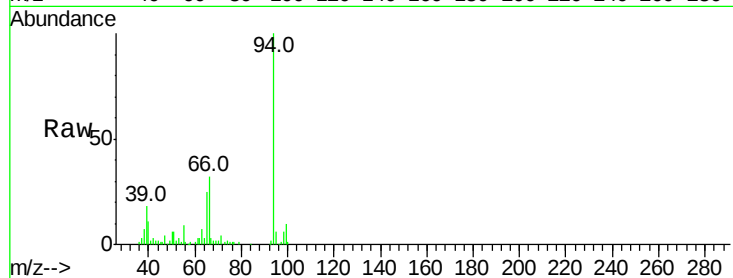
Tot Ion: 94 Resp: 86101

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 31.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.300 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Tgt Ion: 70 Resp: 175835

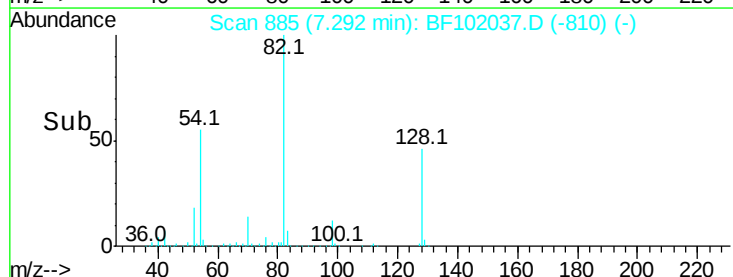
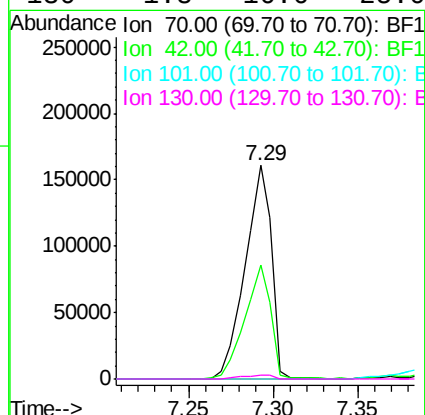
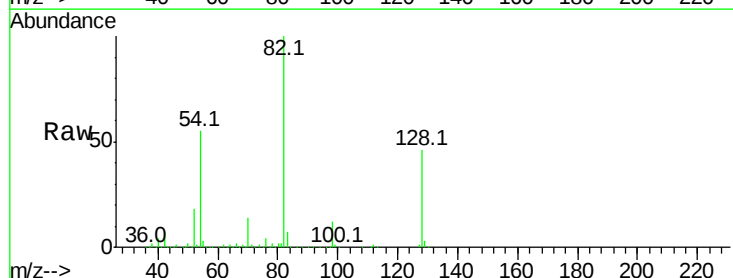
Ion Ratio Lower Upper

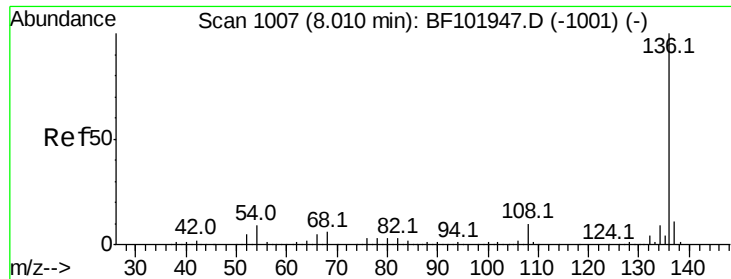
70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

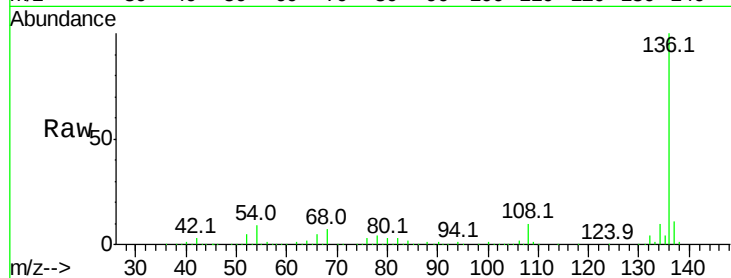




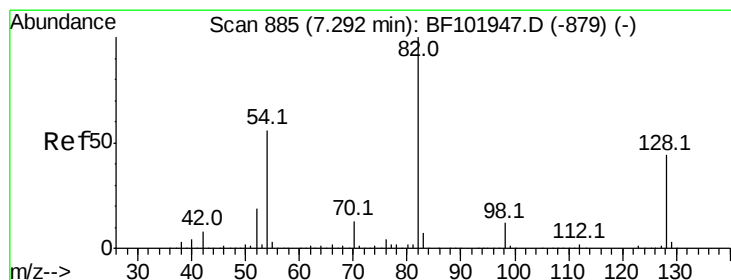
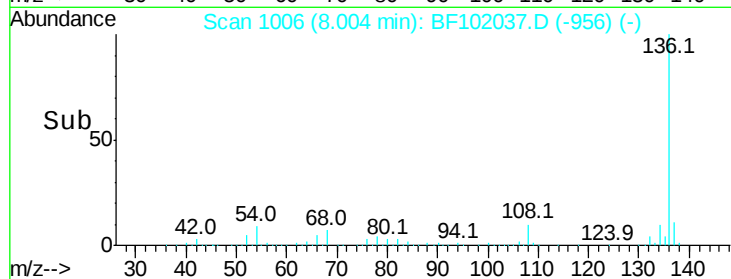
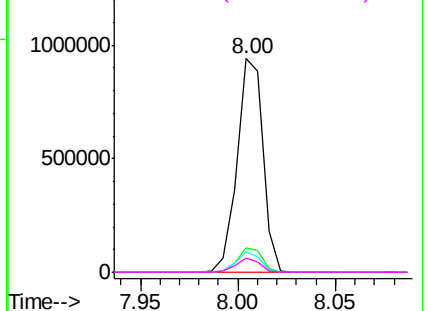
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(5-6)

Tot Ion:	136	Resp:	864310
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4

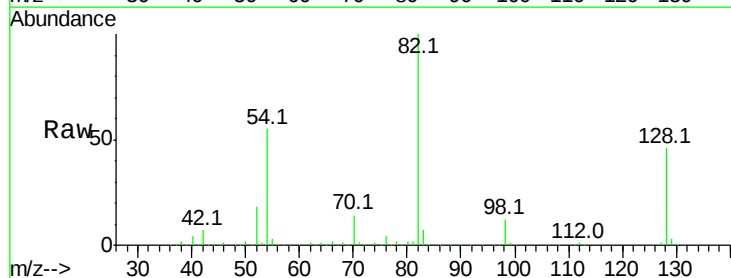


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

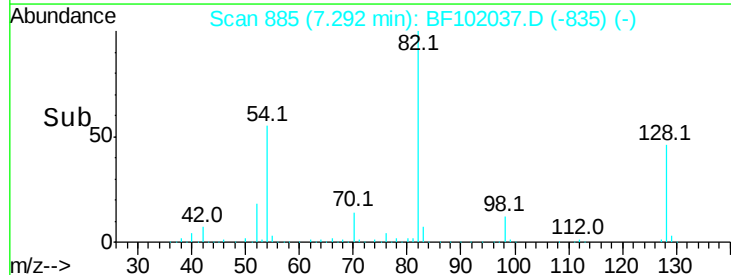
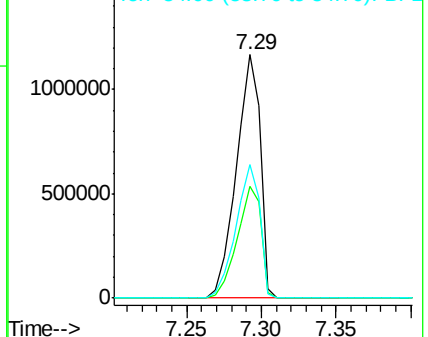


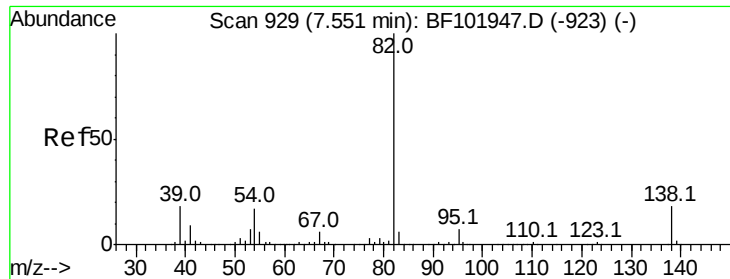
#23
Nitrobenzene-d5
Concen: 88.734 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Tgt Ion:	82	Resp:	1305116
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	55.0	41.4	62.2



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





#25

Isophorone

Concen: 44.908 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

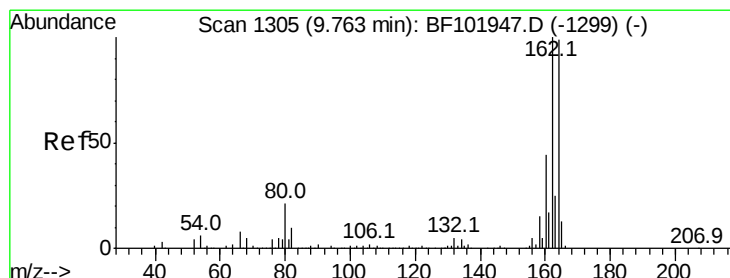
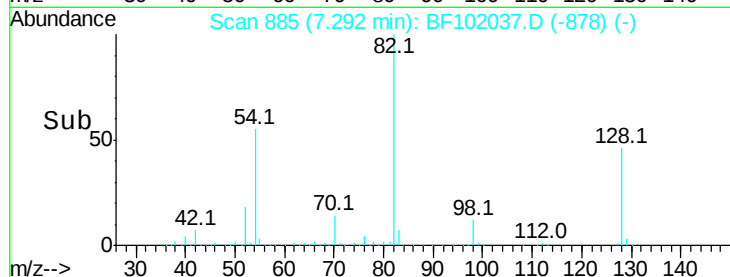
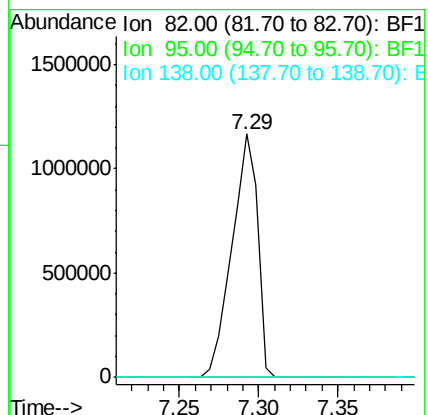
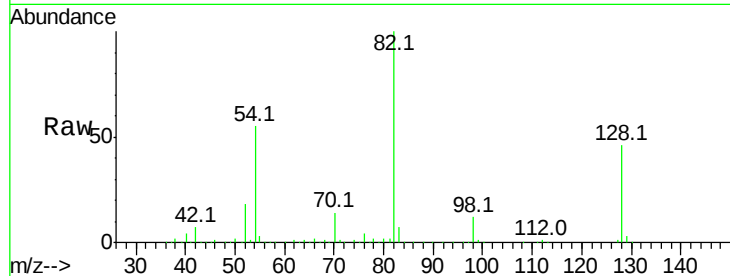
Tot Ion: 82 Resp: 1305103

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

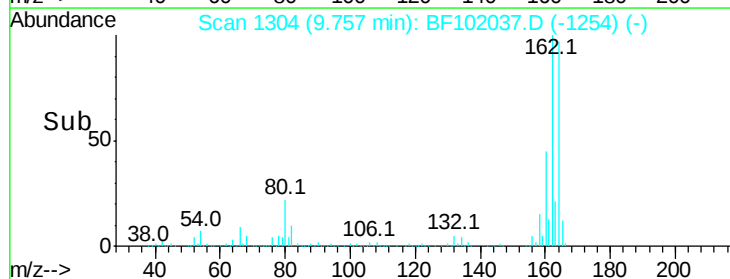
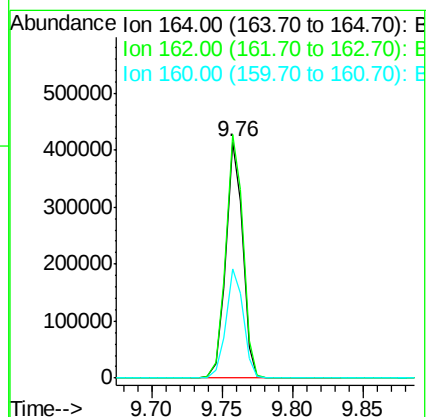
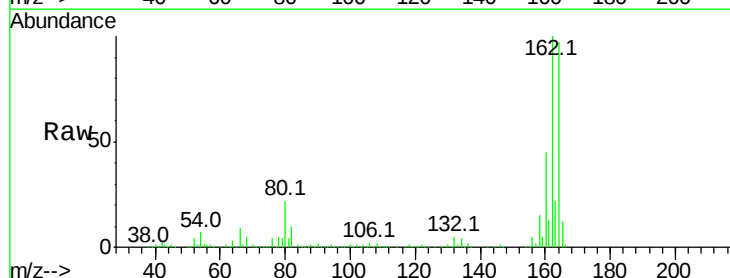
Tgt Ion:164 Resp: 344834

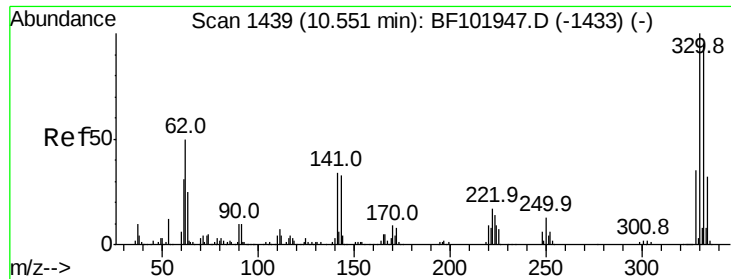
Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

160 46.1 38.3 57.5

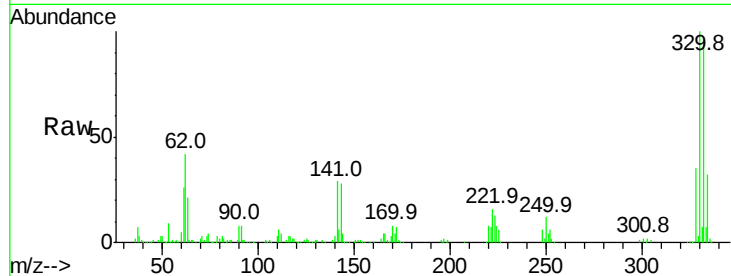




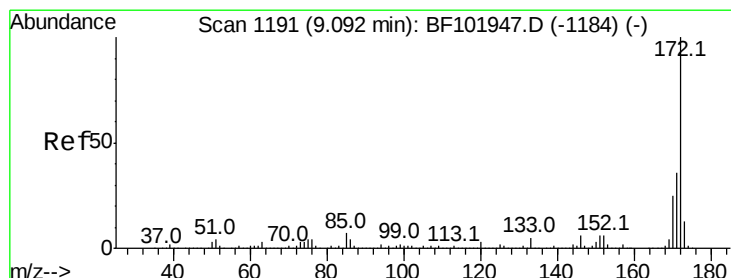
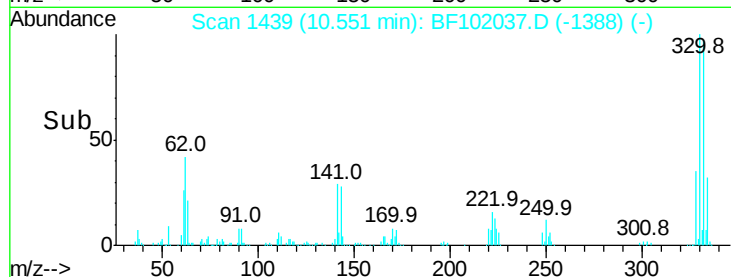
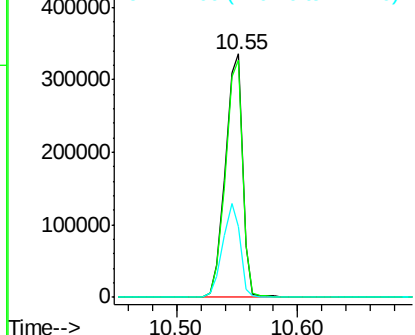
#41
 2,4,6-Tribromophenol
 Concen: 111.101 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102037.D
 Acq: 11 Jan 2018 23:41

Instrument :
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 ClientSampleId :
 EPE-106-1(5-6)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	38.6	29.9	44.9

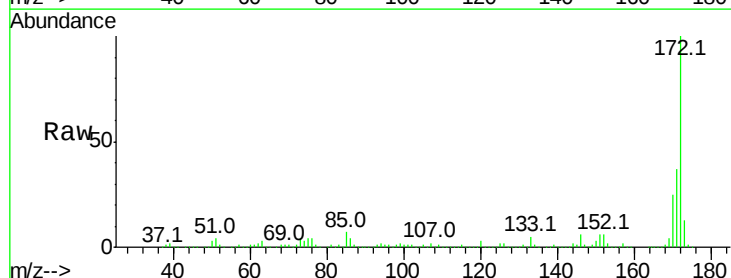


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

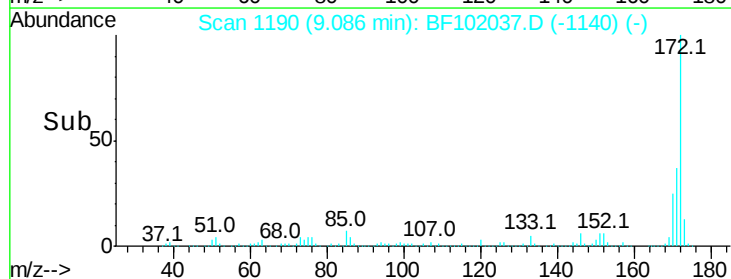
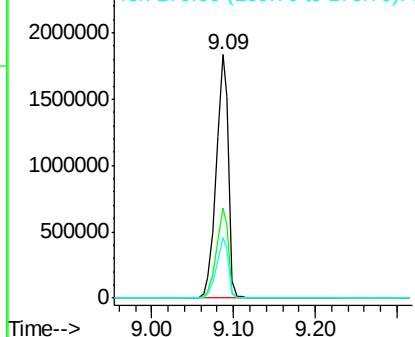


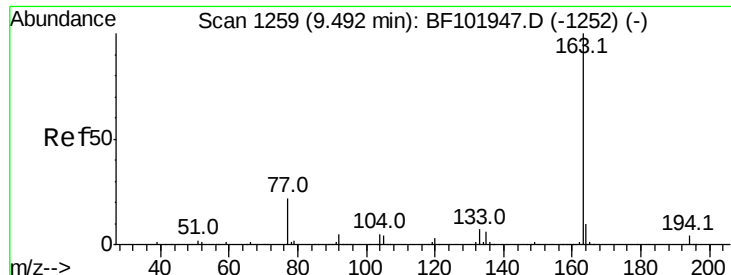
#44
 2-Fluorobiphenyl
 Concen: 87.267 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102037.D
 Acq: 11 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4



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

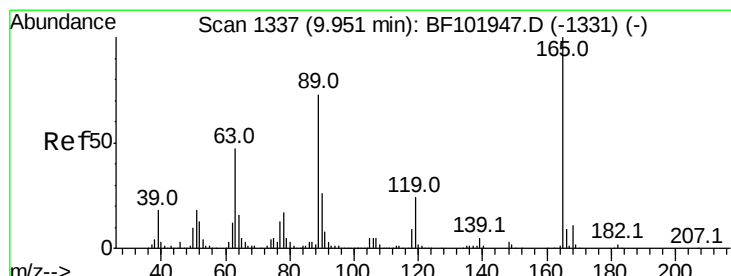
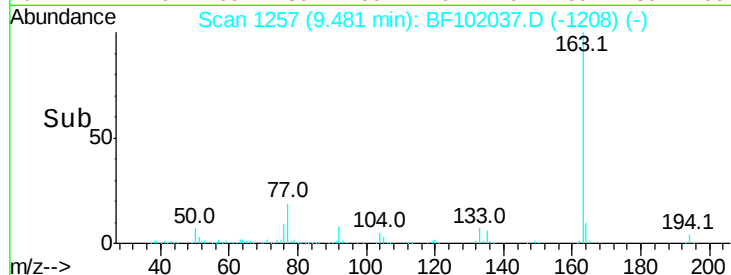
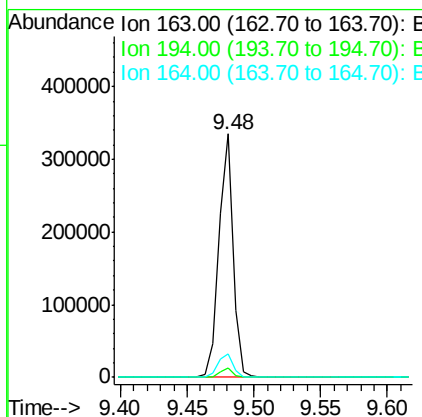
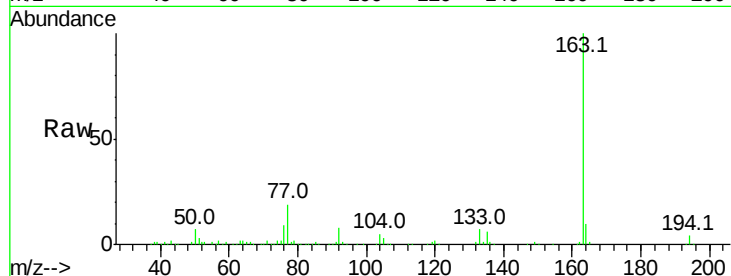




#49
Dimethylphthalate
Concen: 9.149 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

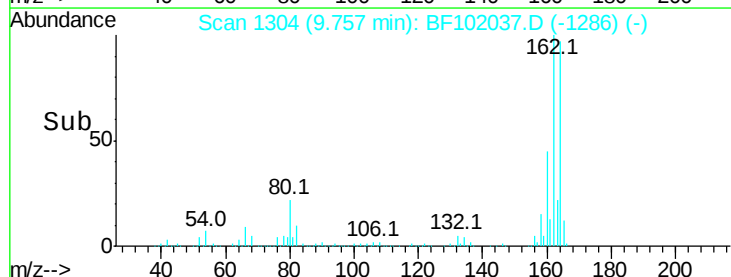
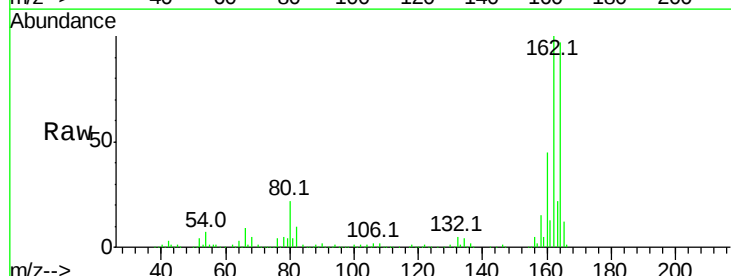
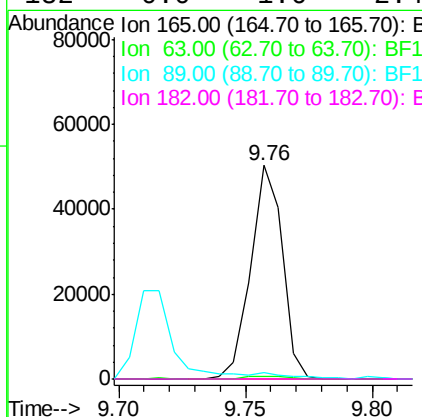
Instrument :
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EPE-106-1(5-6)

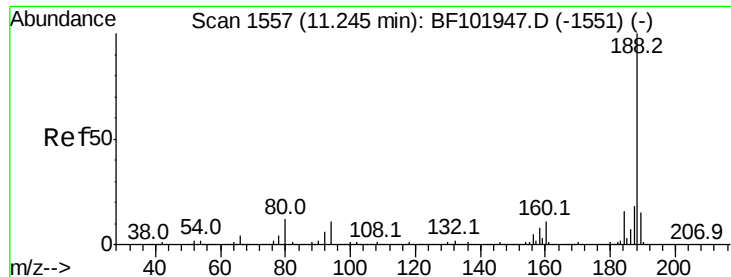
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.347 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	2.8	57.8	86.6#
182	0.0	1.6	2.4#

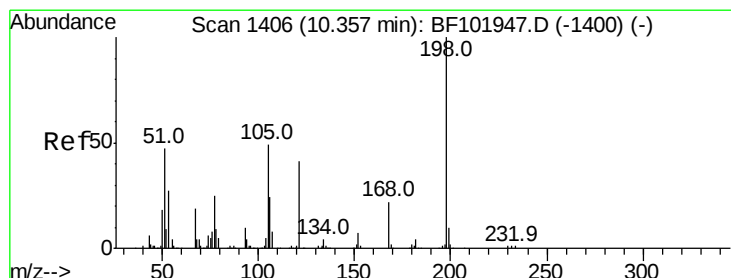
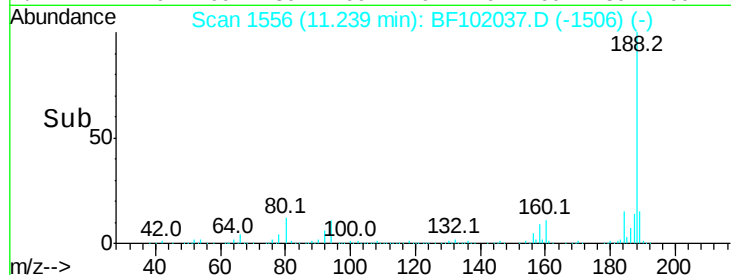
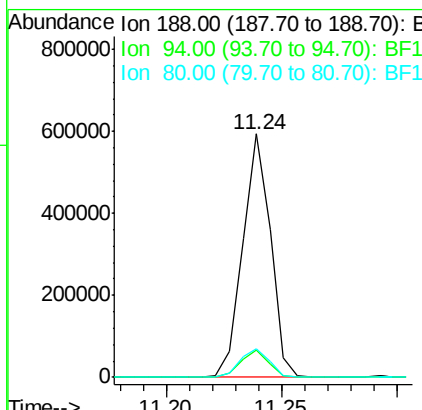
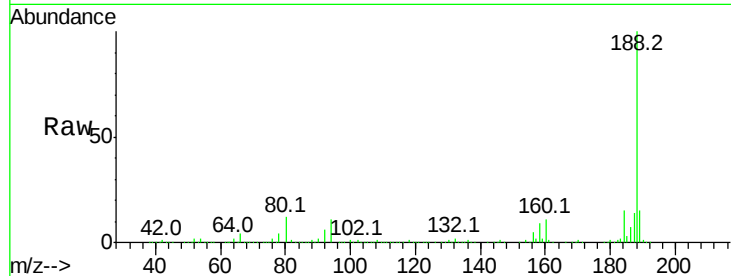




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

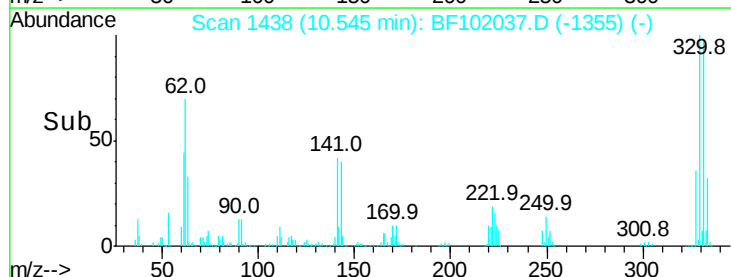
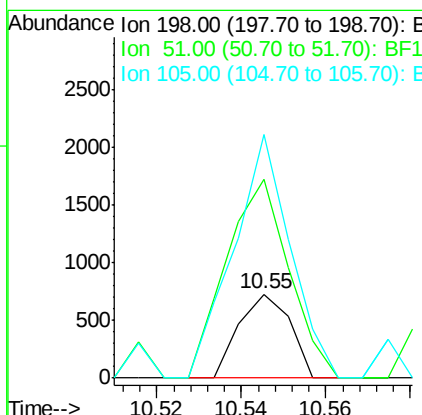
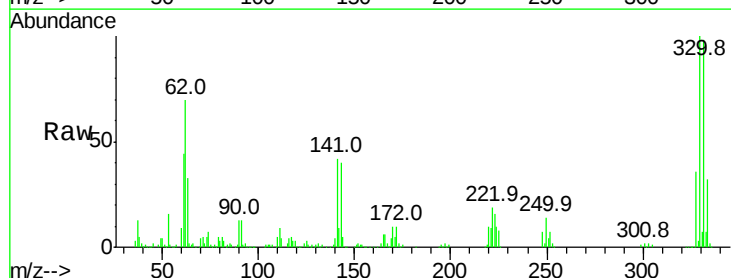
Instrument :
BNA_F
ClientSampleId :
EPE-106-1(5-6)

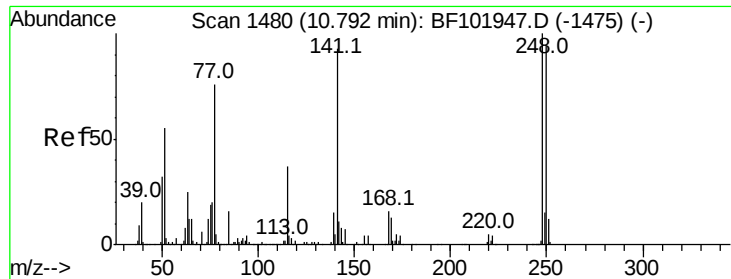
Tot Ion:188 Resp: 499646
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.861 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Tgt Ion:198 Resp: 613
Ion Ratio Lower Upper
198 100
51 236.2 37.7 77.7#
105 289.5 36.3 76.3#

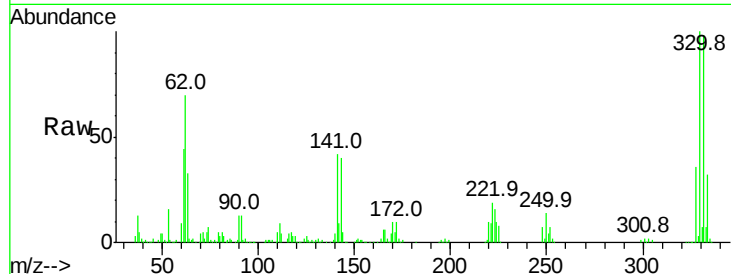




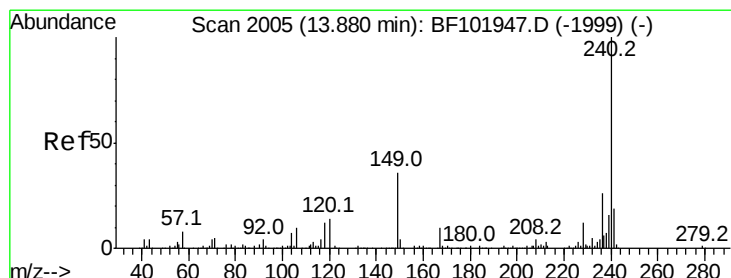
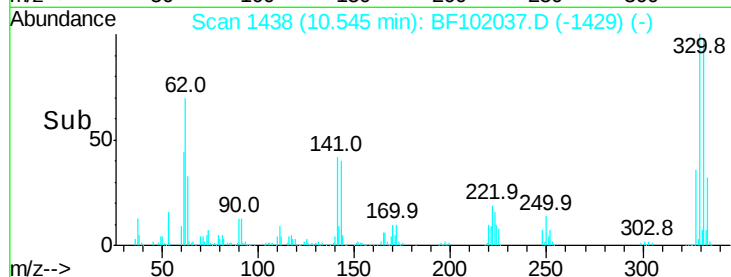
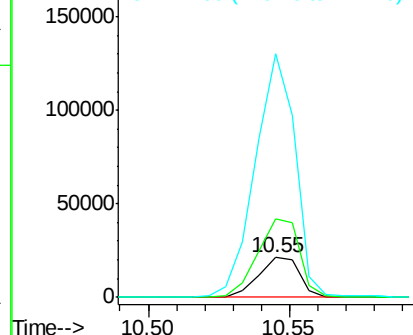
#66
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(5-6)

Tot Ion:248 Resp: 21603
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 614.8 74.4 111.6#

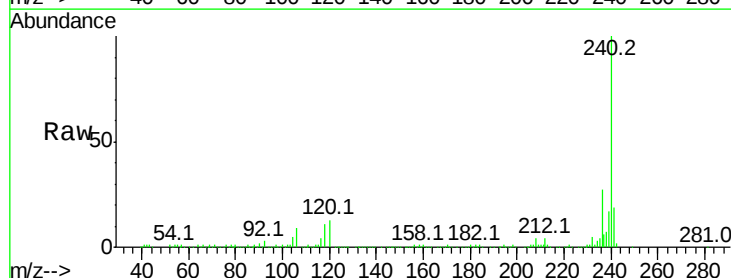


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

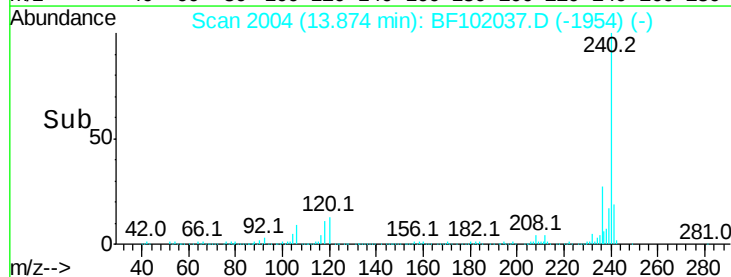
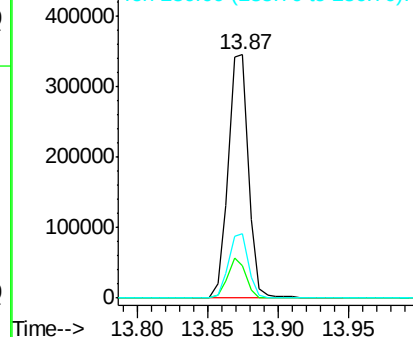


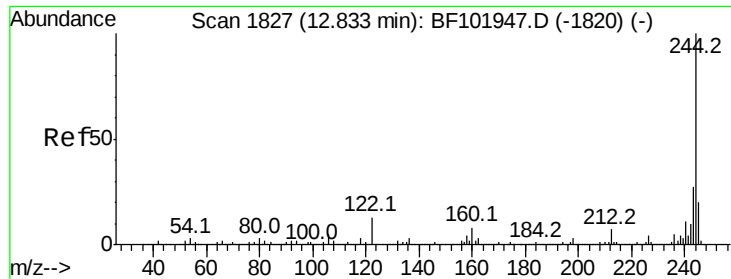
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Tgt Ion:240 Resp: 346529
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.7 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

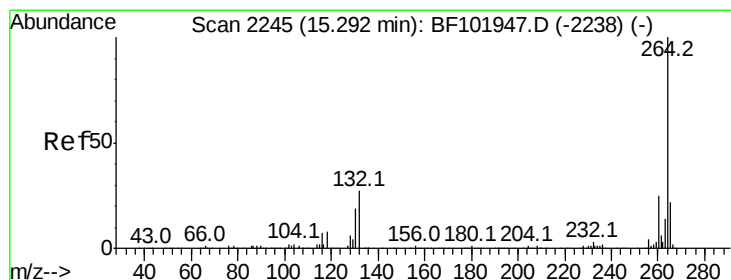
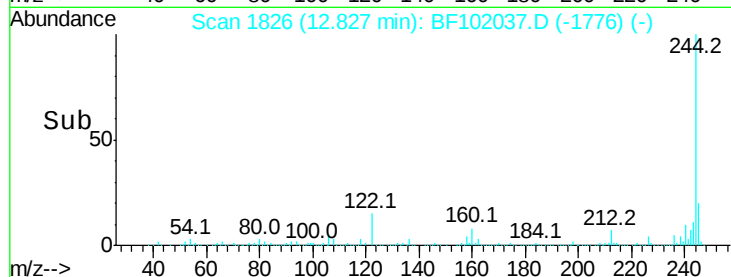
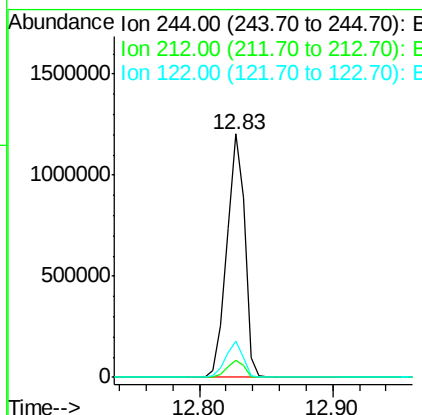
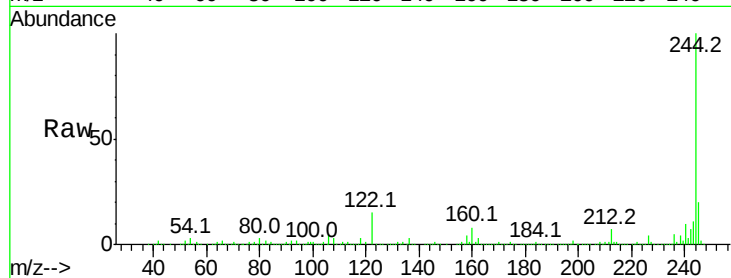




#78
 Terphenyl-d14
 Concen: 68.456 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102037.D
 Acq: 11 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-1(5-6)

Tot Ion:244 Resp: 1142533
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102037.D
 Acq: 11 Jan 2018 23:41

Tgt Ion:264 Resp: 397447
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.5 26.3

