

Data File : BF100685.D
Acq On : 17 Nov 2017 20:37
Operator : SJ/JU
Sample : I6486-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-125-10(0-5)

Quant Time: Nov 17 22:24:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	100776	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	403106	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	186674	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	333465	20.00	ng	0.00
75) Chrysene-d12	14.04	240	217940	20.00	ng	0.00
86) Perylene-d12	15.52	264	222363	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	470593	74.85	ng	0.00
7) Phenol-d6	6.50	99	601766	77.62	ng	0.00
23) Nitrobenzene-d5	7.45	82	369060	60.53	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	149686	78.69	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	708010	57.75	ng	0.00
78) Terphenyl-d14	12.99	244	540302	56.96	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	47081	8.76	ng	# 77
25) Isophorone	7.45	82	369050	28.80	ng	# 64
47) 2-Nitroaniline	9.63	65	854	3.02	ng	# 1
49) Dimethylphthalate	9.63	163	122409	8.59	ng	98
56) 2,4-Dinitrotoluene	9.92	165	24580	6.91	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	135	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9049	2.53	ng	# 1

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

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EPE-125-10(0-5)

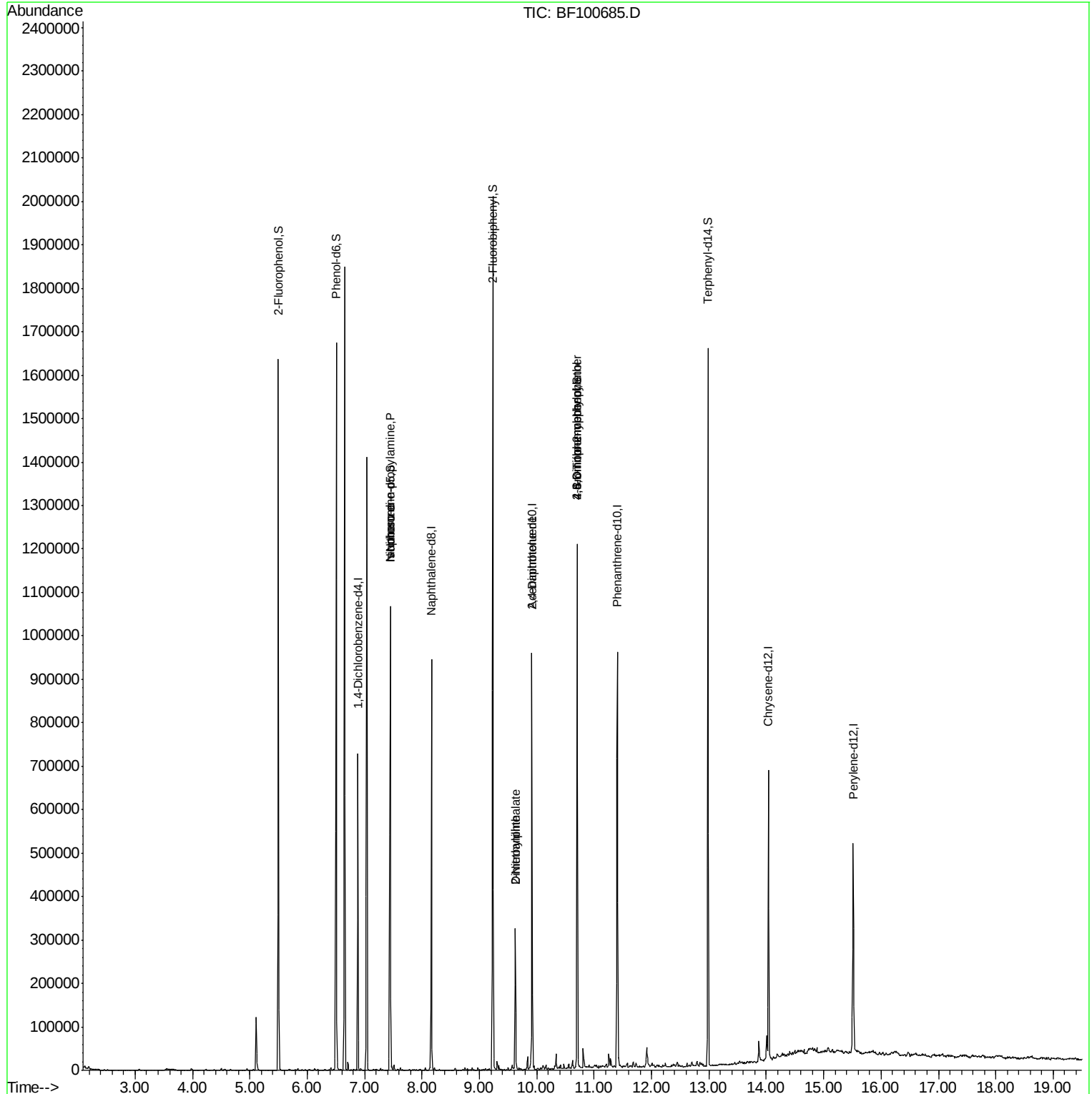
Quant Time: Nov 17 22:24:13 2017

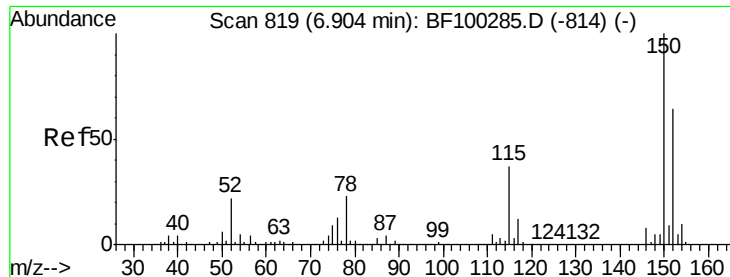
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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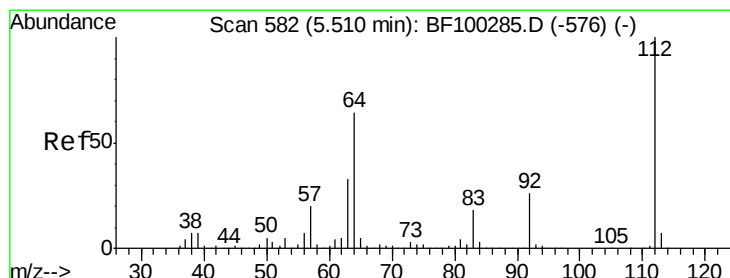
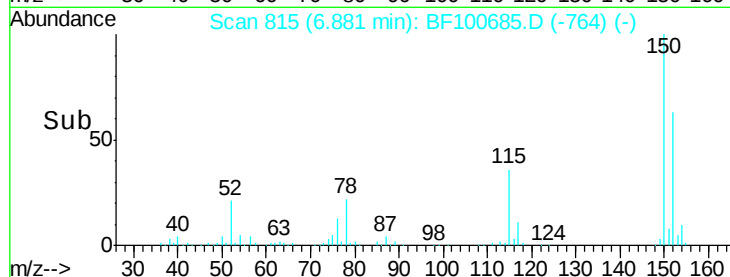
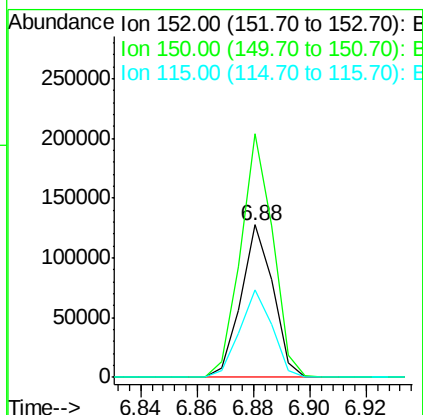
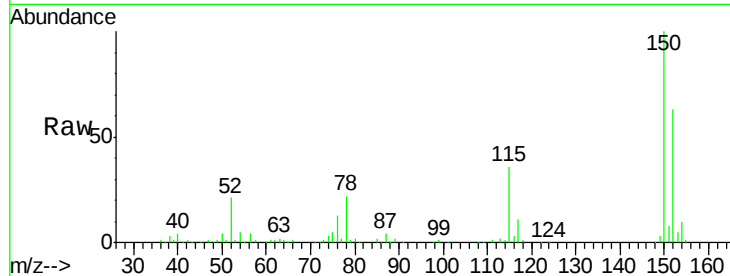


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

Instrument :
BNA_F
ClientSampleId :
EPE-125-10(0-5)

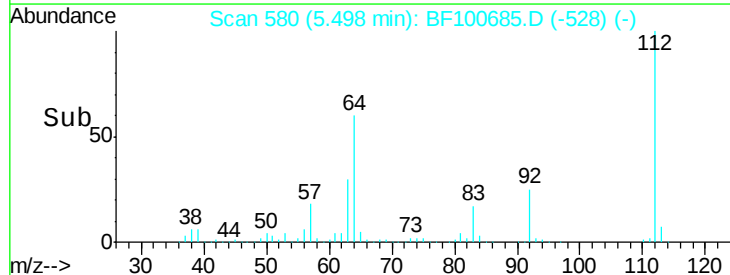
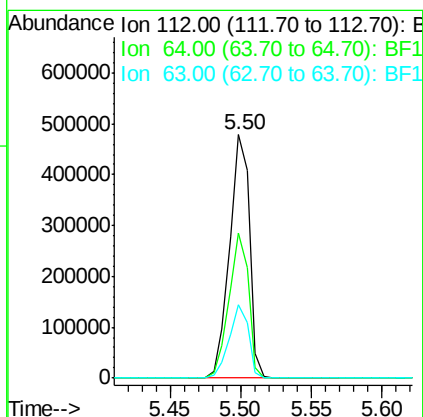
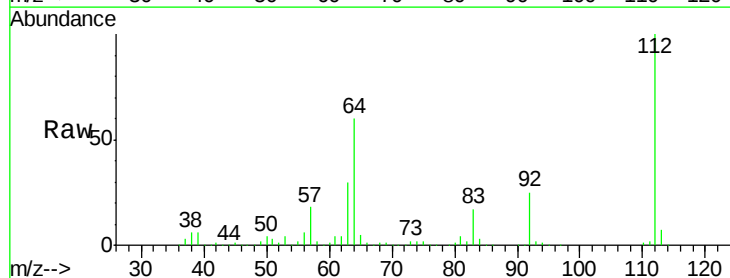
Tgt Ion:152 Resp: 100776
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 57.3 50.1 75.1

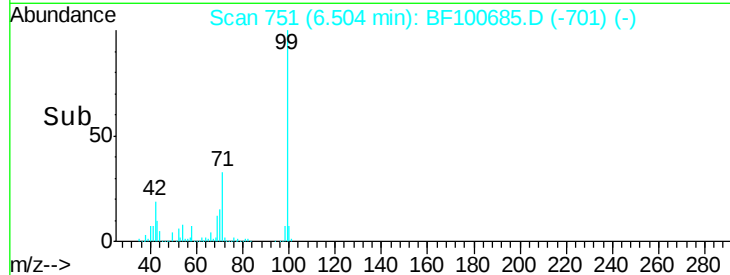
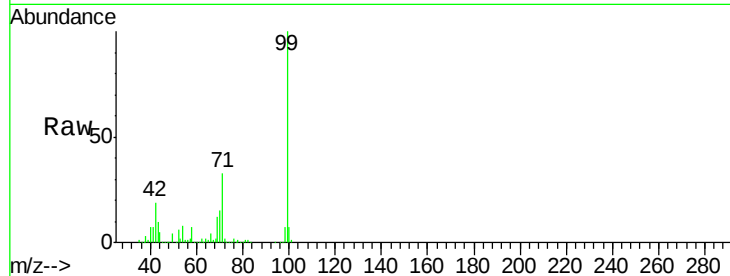


#5

2-Fluorophenol
Concen: 74.85 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

Tgt Ion:112 Resp: 470593
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 77.62 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100685.D

Acq: 17 Nov 2017 20:37

Instrument :

BNA_F

ClientSampleId :

EPE-125-10(0-5)

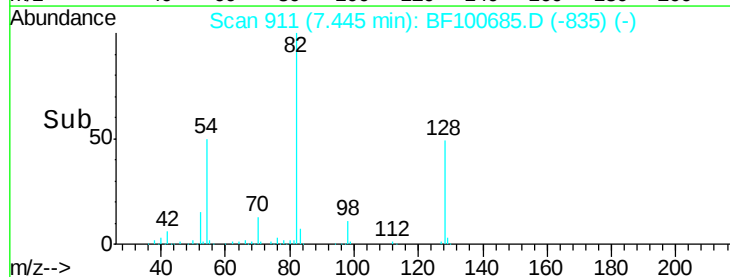
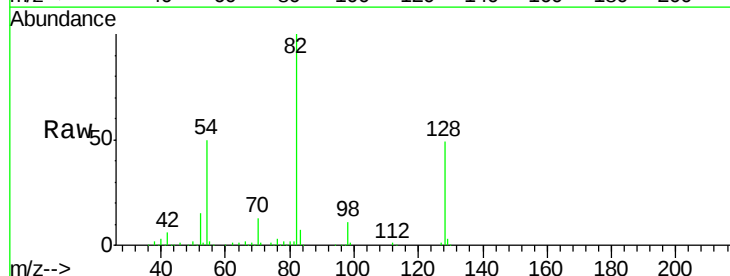
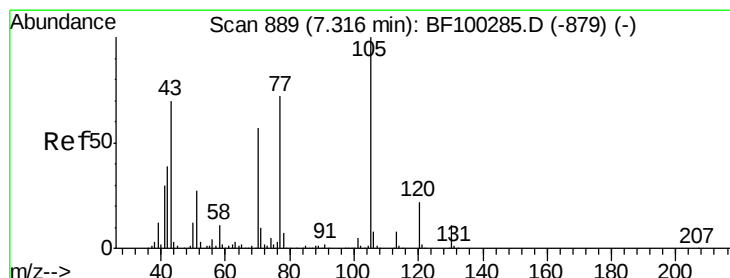
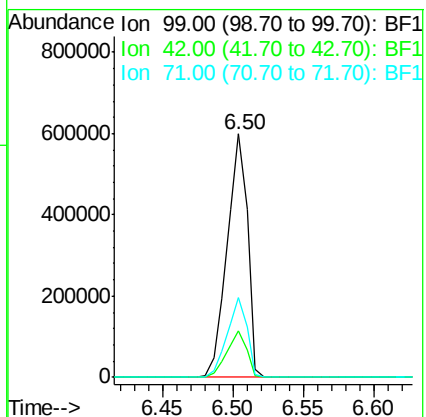
Tgt Ion: 99 Resp: 601766

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.76 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100685.D

Acq: 17 Nov 2017 20:37

Tgt Ion: 70 Resp: 47081

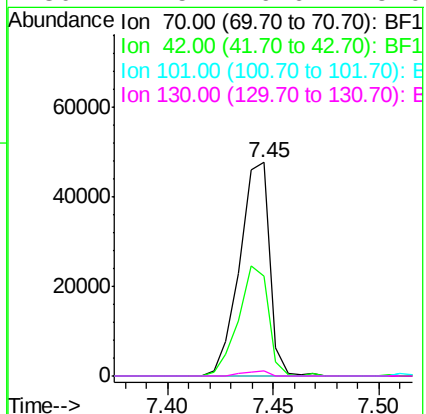
Ion Ratio Lower Upper

70 100

42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

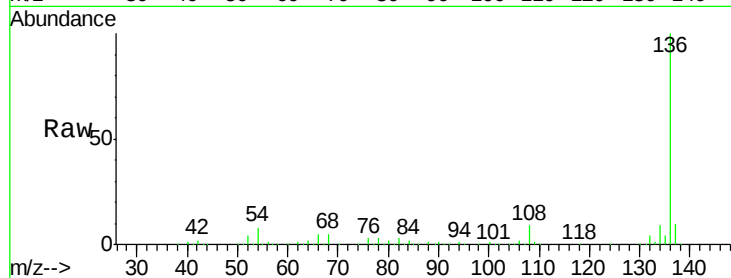




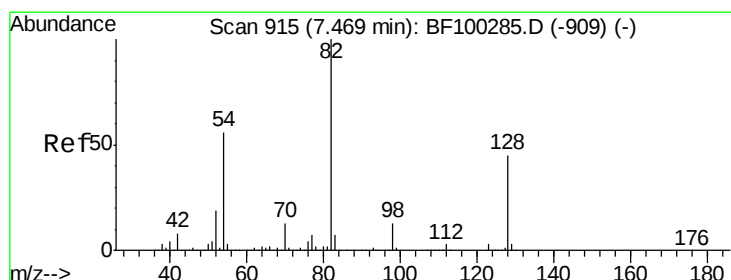
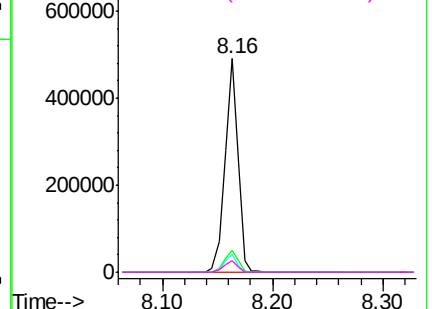
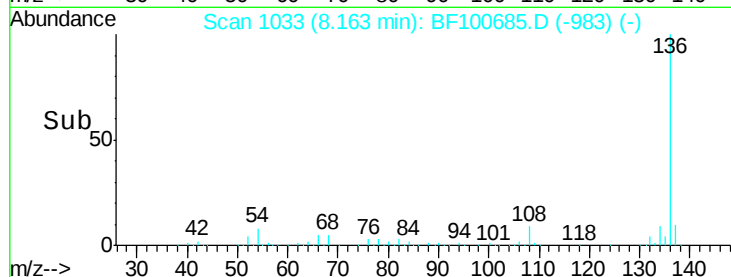
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

Instrument :
BNA_F
ClientSampleId :
EPE-125-10(0-5)

Tgt Ion:	136	Resp:	403106
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.3	6.6	9.8
68	5.2	5.0	7.4

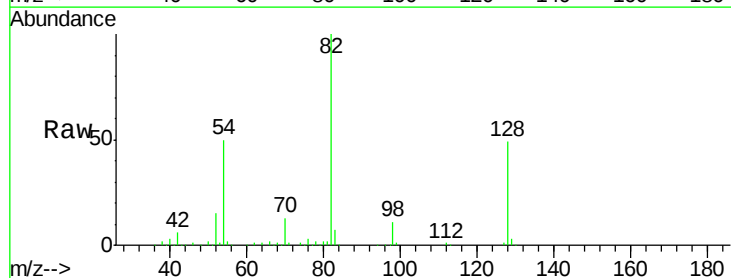


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

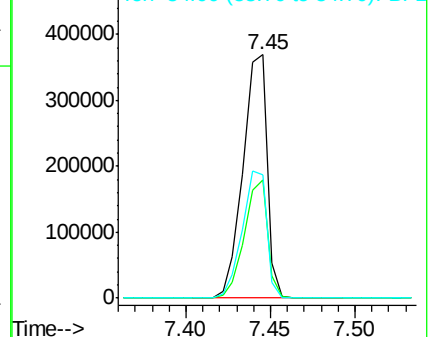
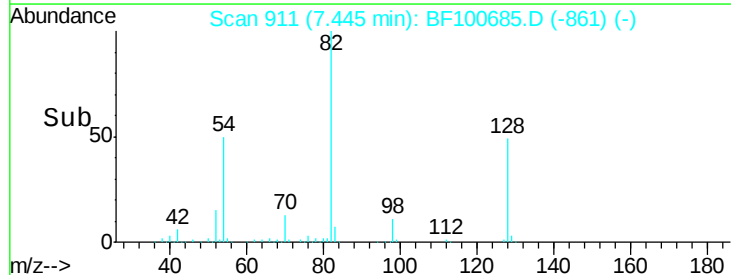


#23
Nitrobenzene-d5
Concen: 60.53 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

Tgt Ion:	82	Resp:	369060
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	50.5	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: 28.80 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100685.D

Acq: 17 Nov 2017 20:37

Instrument :

BNA_F

ClientSampleId :

EPE-125-10(0-5)

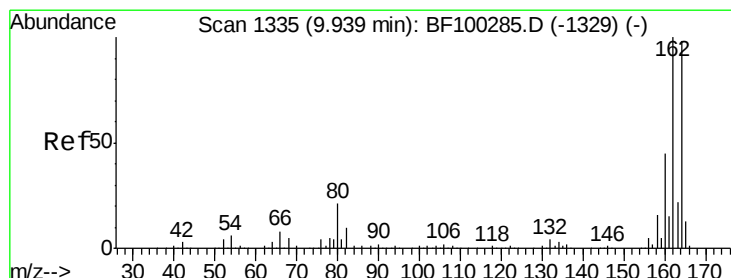
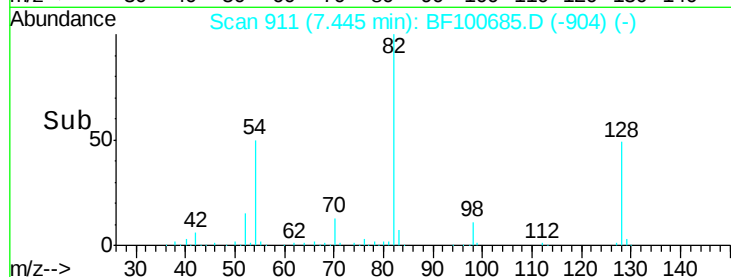
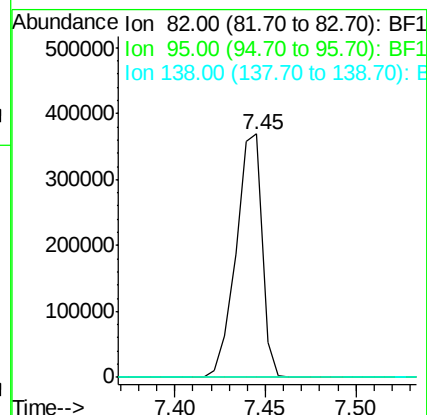
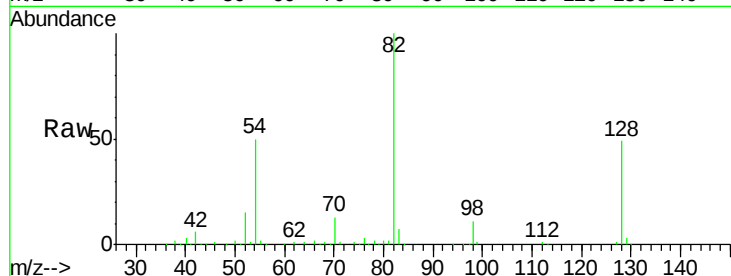
Tgt Ion: 82 Resp: 369050

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100685.D

Acq: 17 Nov 2017 20:37

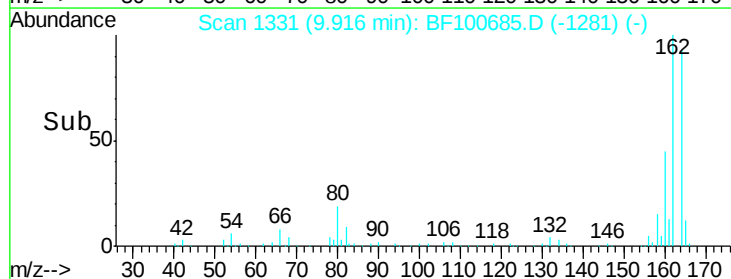
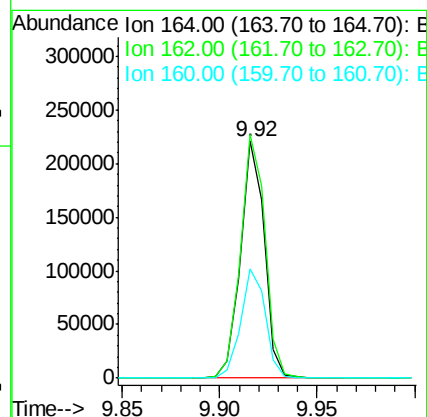
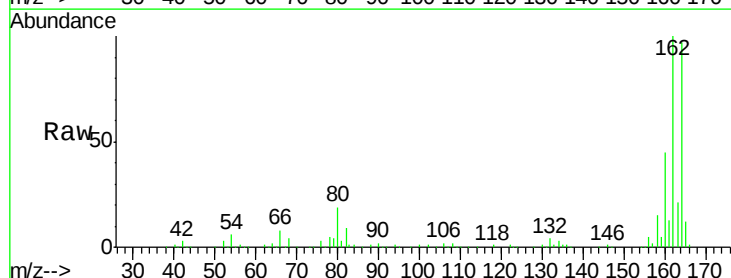
Tgt Ion: 164 Resp: 186674

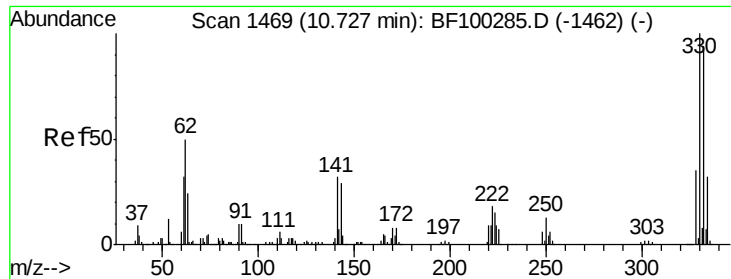
Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

160 46.4 38.3 57.5

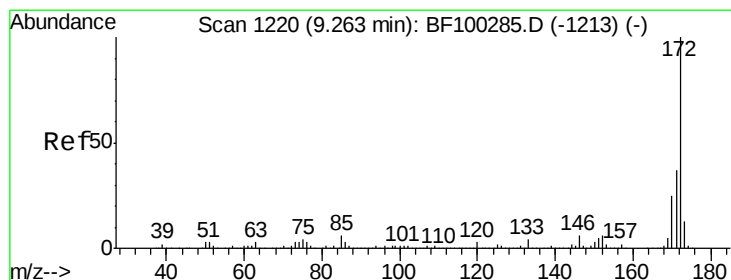
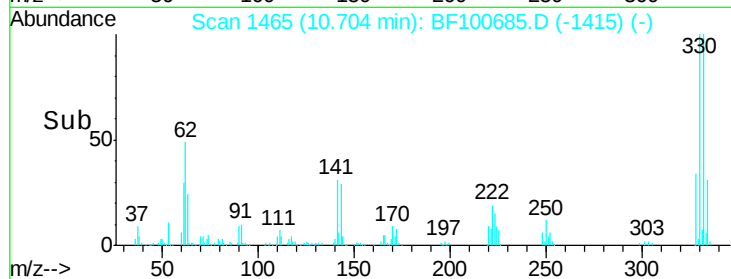
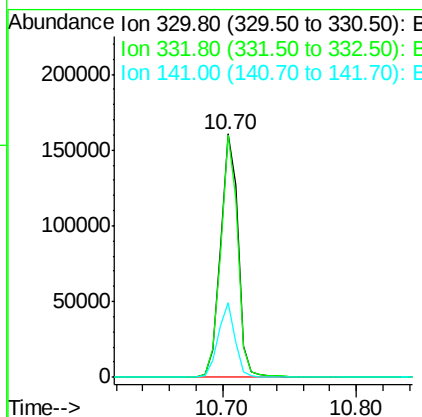
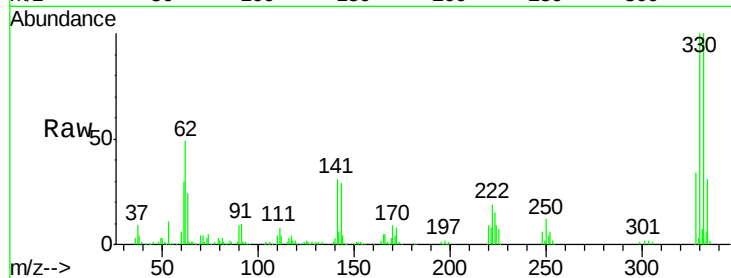




#41
 2,4,6-Tribromophenol
 Concen: 78.69 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100685.D
 Acq: 17 Nov 2017 20:37

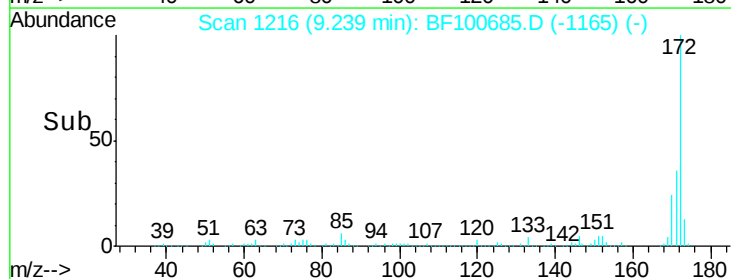
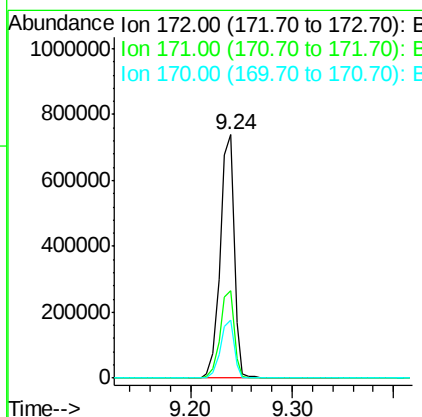
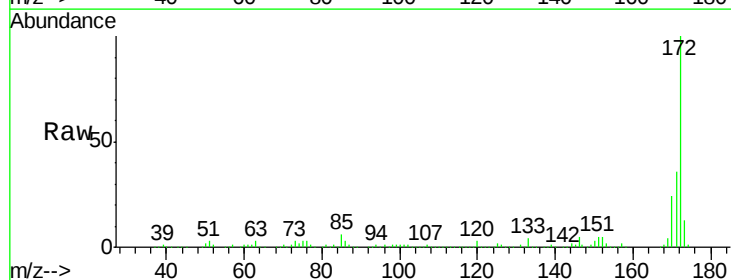
Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-10(0-5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 57.75 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100685.D
 Acq: 17 Nov 2017 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

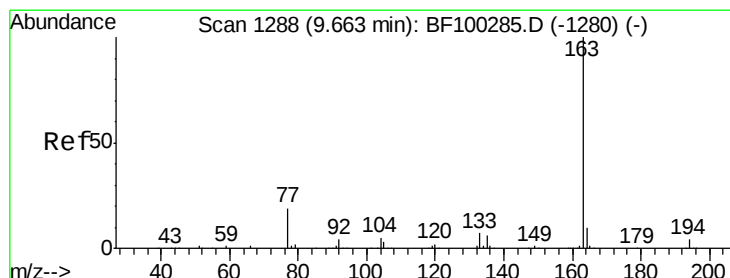
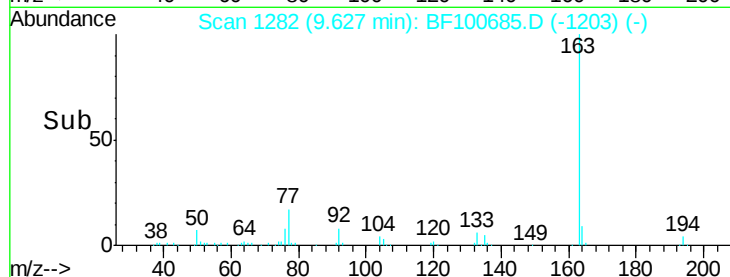
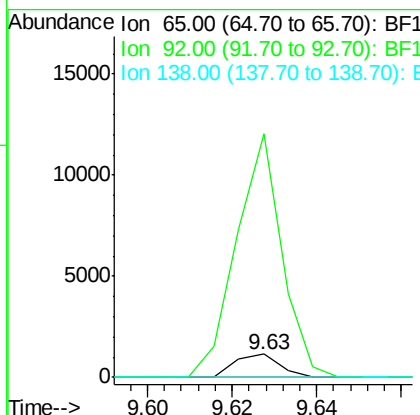
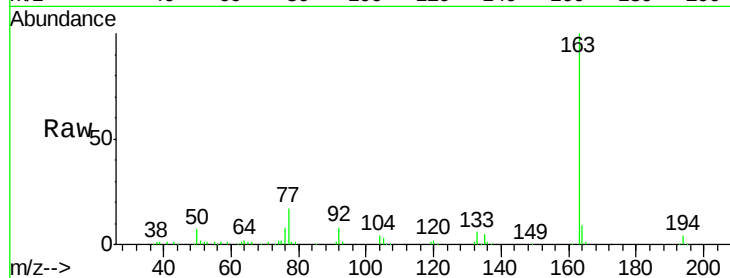




#47
2-Nitroaniline
Concen: 3.02 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

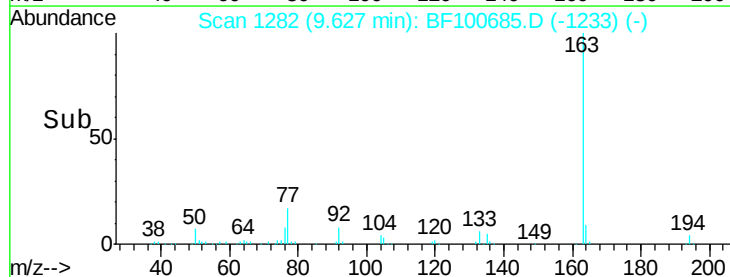
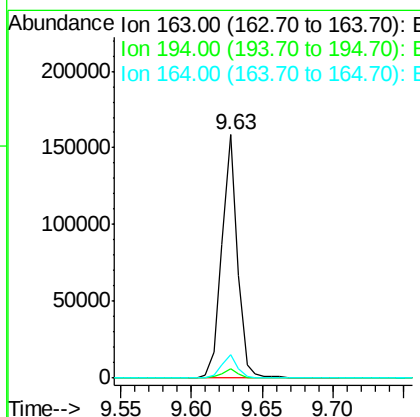
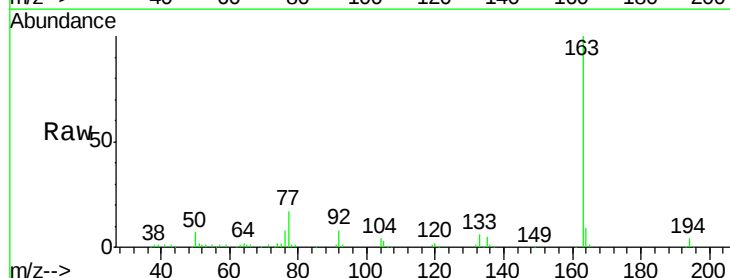
Instrument :
BNA_F
ClientSampleId :
EPE-125-10(0-5)

Tgt Ion: 65 Resp: 854
Ion Ratio Lower Upper
65 100
92 1057.9 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 8.59 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

Tgt Ion: 163 Resp: 122409
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 8.2 12.2

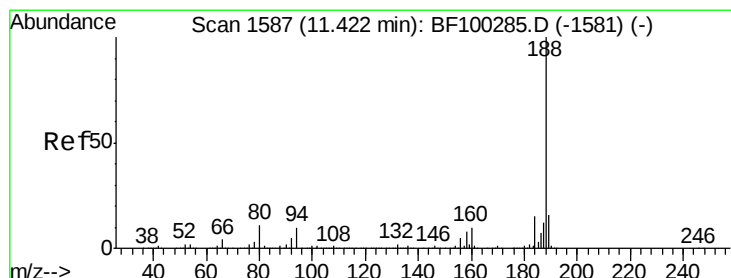
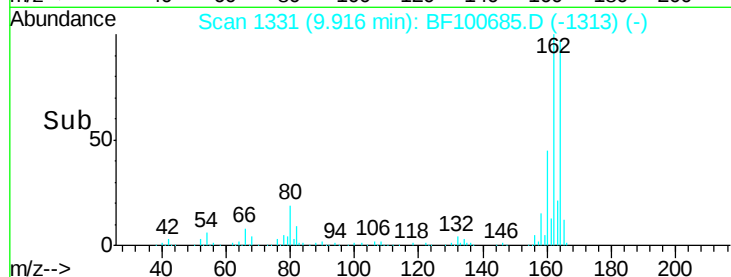
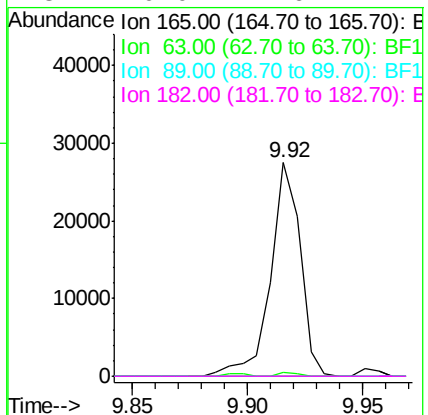
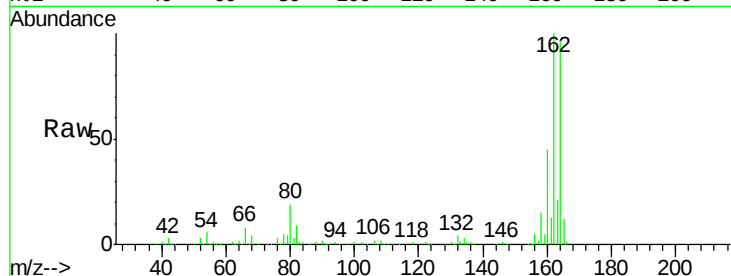




#56
 2,4-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100685.D
 Acq: 17 Nov 2017 20:37

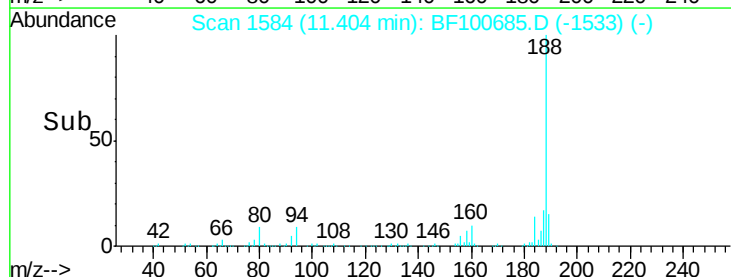
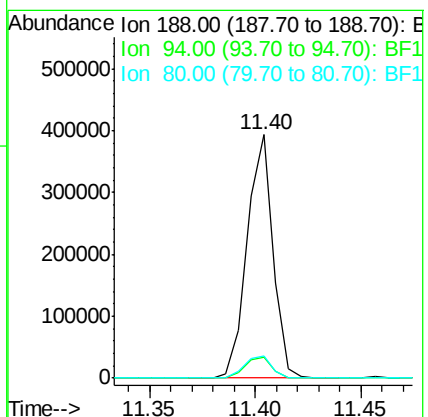
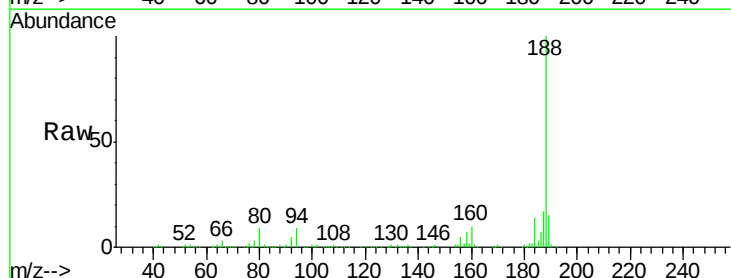
Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-10(0-5)

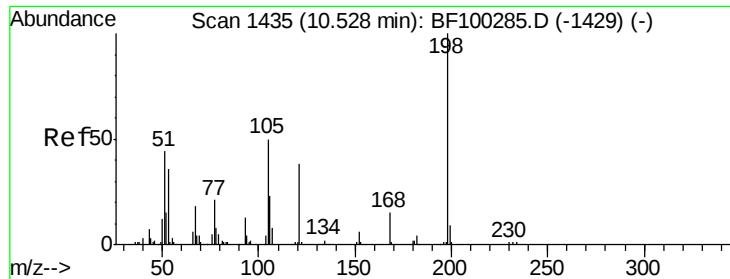
Tgt Ion:	165	Resp:	24580
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100685.D
 Acq: 17 Nov 2017 20:37

Tgt Ion:	188	Resp:	333465
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

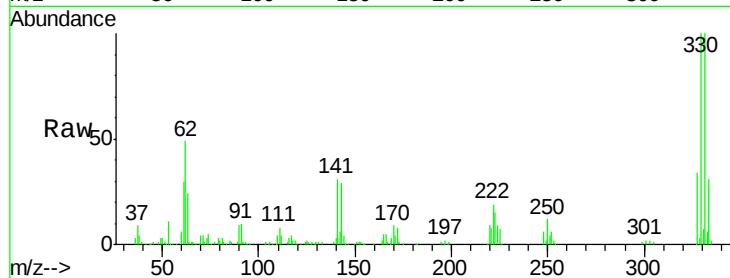




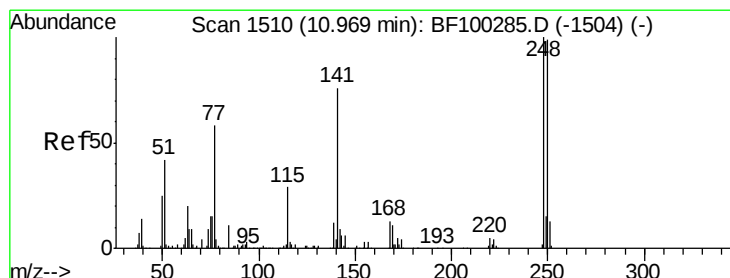
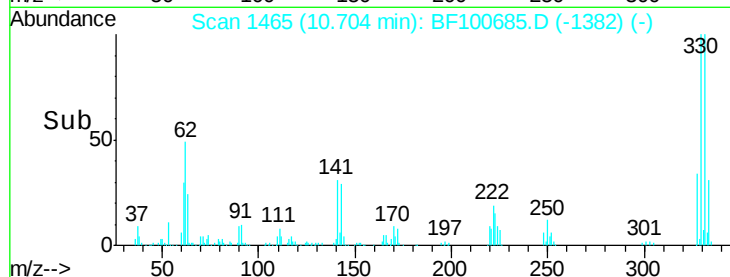
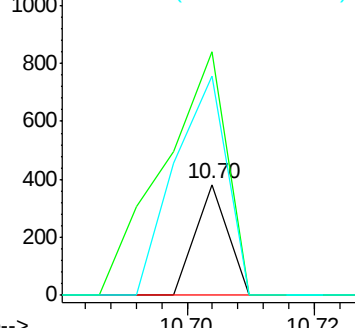
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100685.D
 Acq: 17 Nov 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-10(0-5)

Tgt Ion:198 Resp: 135
 Ion Ratio Lower Upper
 198 100
 51 219.3 37.7 77.7#
 105 197.9 36.3 76.3#

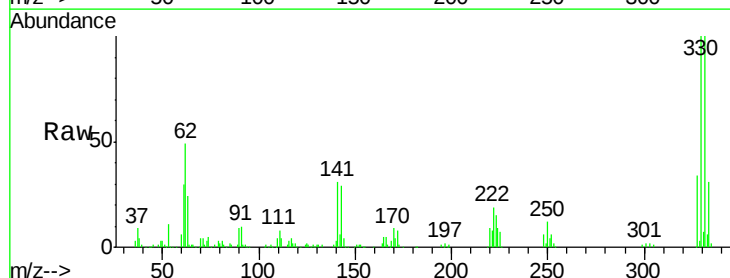


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

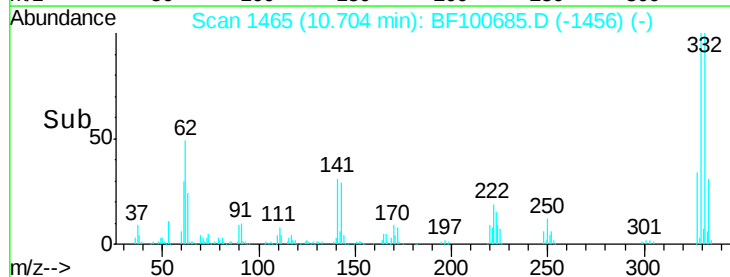
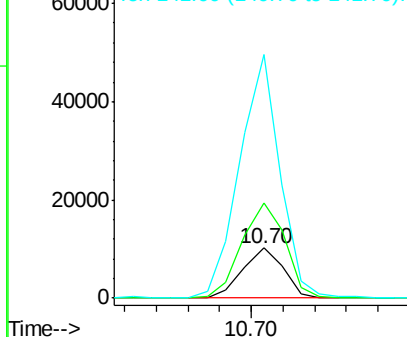


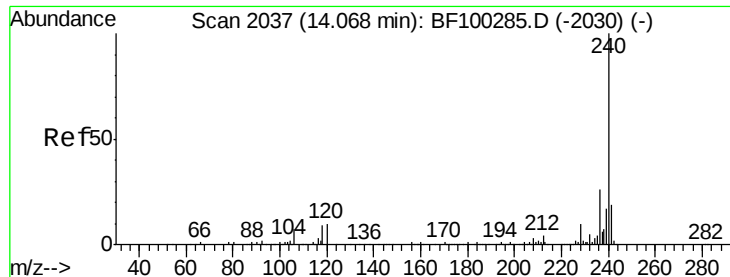
#66
 4-Bromophenyl-phenylether
 Concen: 2.53 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100685.D
 Acq: 17 Nov 2017 20:37

Tgt Ion:248 Resp: 9049
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 486.0 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: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100685.D

Acq: 17 Nov 2017 20:37

Instrument :

BNA_F

ClientSampleId :

EPE-125-10(0-5)

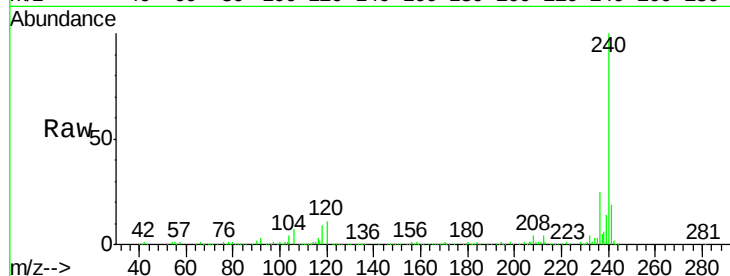
Tgt Ion:240 Resp: 217940

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

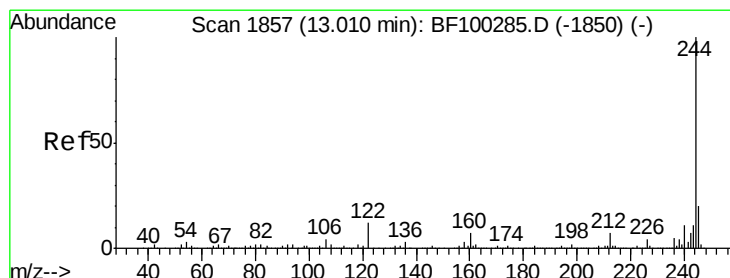
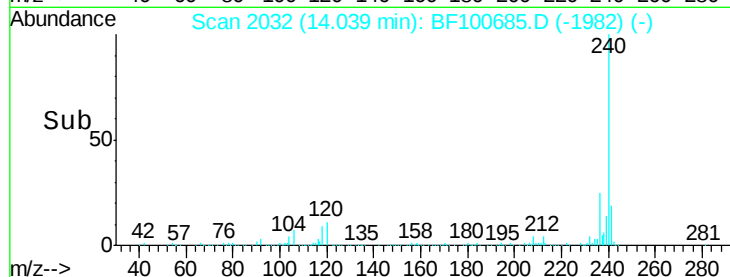
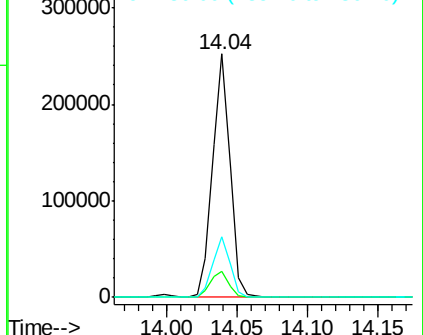
236 25.1 20.7 31.1



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: 56.96 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100685.D

Acq: 17 Nov 2017 20:37

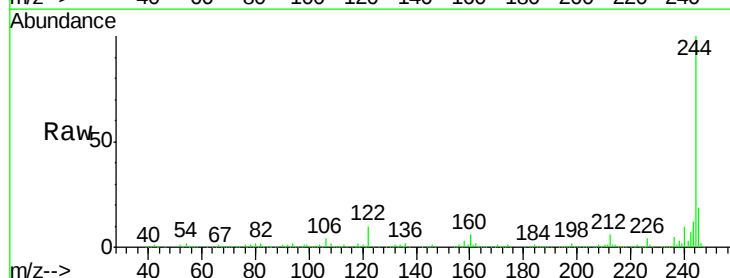
Tgt Ion:244 Resp: 540302

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

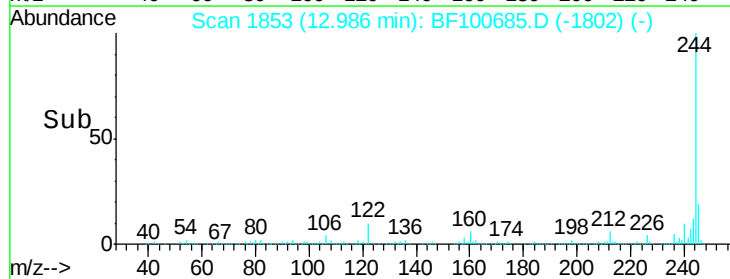
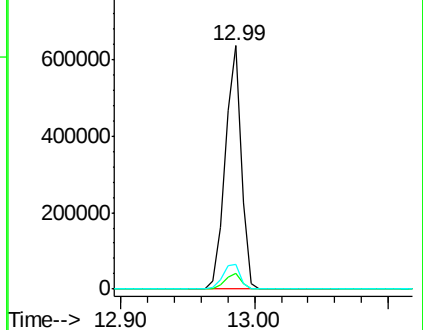
122 10.3 11.0 16.4#

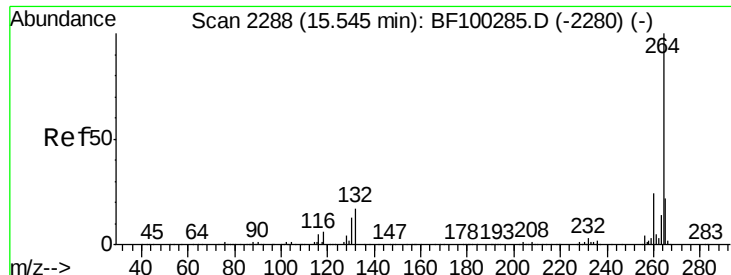


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100685.D
Acq: 17 Nov 2017 20:37

Instrument :
BNA_F
ClientSampleId :
EPE-125-10(0-5)

Tgt Ion: 264 Resp: 222363
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.1 17.5 26.3

