

Data File : BF100687.D
Acq On : 17 Nov 2017 21:30
Operator : SJ/JU
Sample : I6486-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-9(0-5)

Quant Time: Nov 17 22:24:44 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	96354	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	385797	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	179551	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	331512	20.00	ng	0.00
75) Chrysene-d12	14.04	240	235785	20.00	ng	0.00
86) Perylene-d12	15.52	264	238665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	516771	85.97	ng	0.00
7) Phenol-d6	6.50	99	634043	85.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	385920	66.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164765	90.05	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	774340	65.67	ng	0.00
78) Terphenyl-d14	12.99	244	641960	62.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	49199	9.57	ng	# 79
25) Isophorone	7.45	82	385916	31.47	ng	# 64
47) 2-Nitroaniline	9.63	65	1053	3.08	ng	# 1
49) Dimethylphthalate	9.63	163	143932	10.50	ng	98
56) 2,4-Dinitrotoluene	9.92	165	22487	6.57	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	126	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10512	2.96	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.01	149	19615	2.18	ng	100

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

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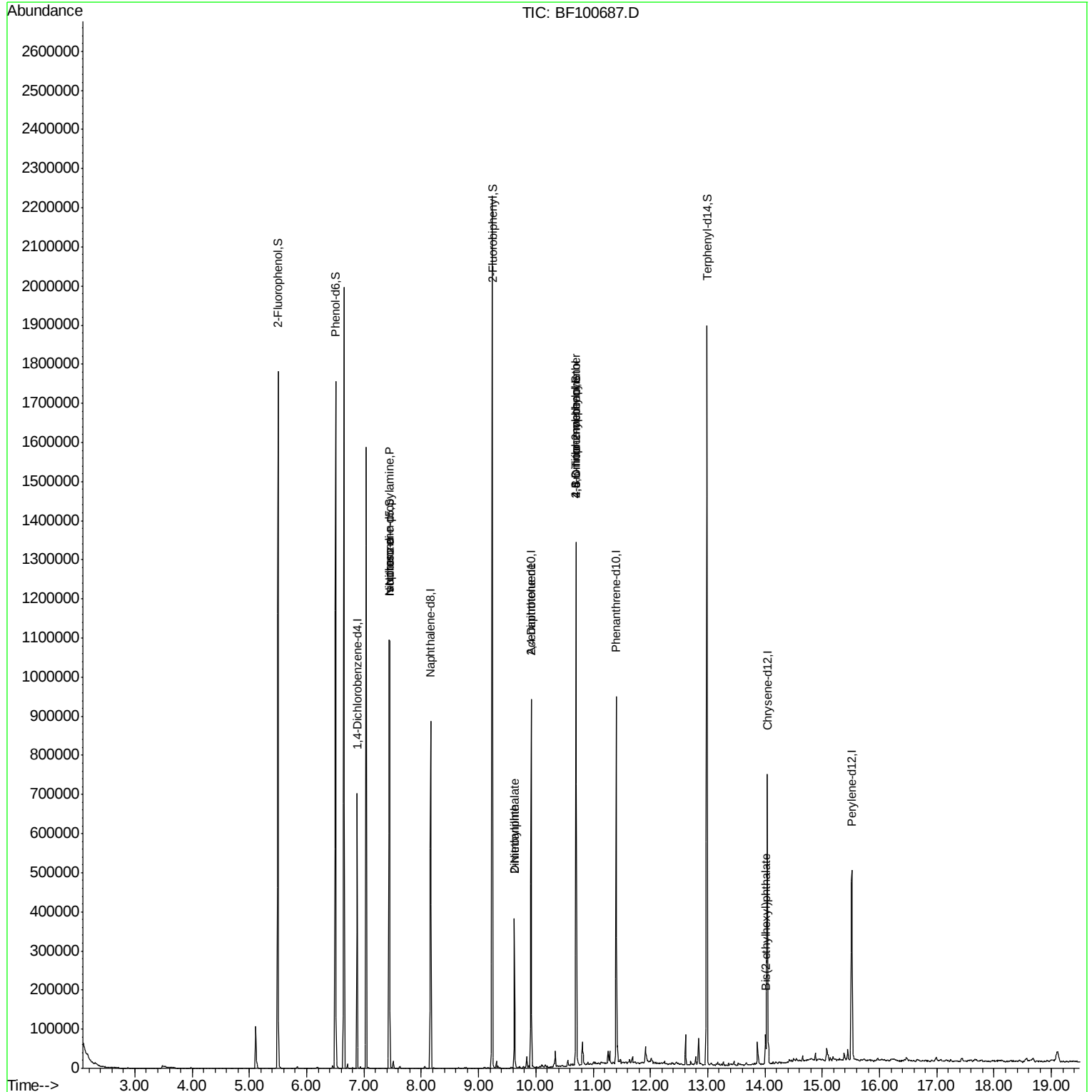
Quant Time: Nov 17 22:24:44 2017

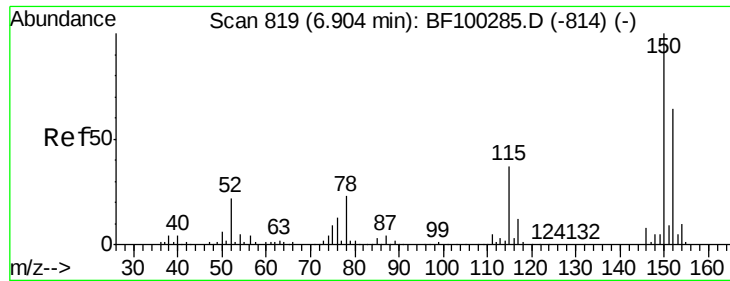
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF100687.D

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Instrument :

BNA_F

ClientSampleId :

EPE-L-9(0-5)

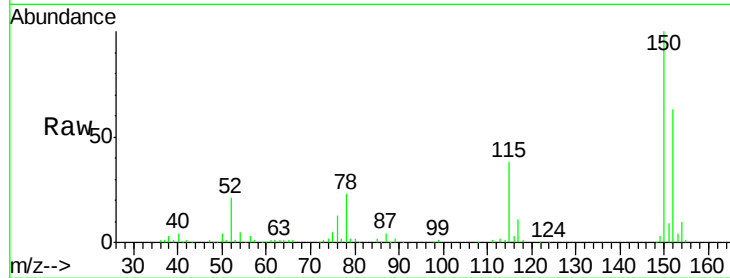
Tgt Ion:152 Resp: 96354

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

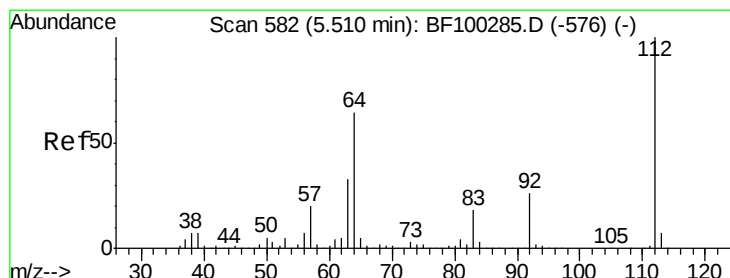
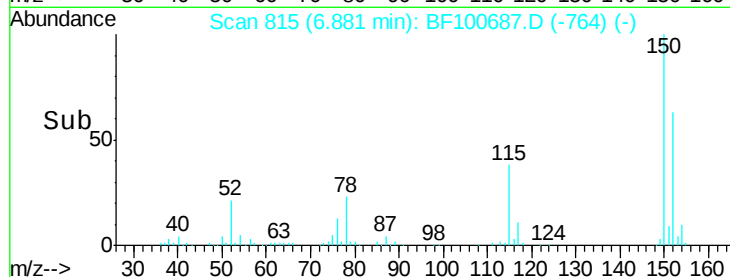
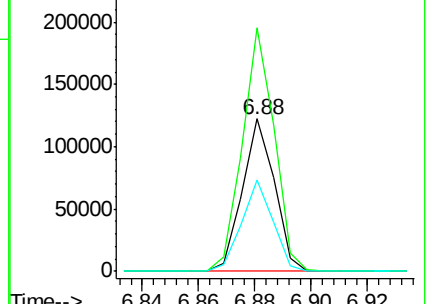
115 59.9 50.1 75.1



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: 85.97 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

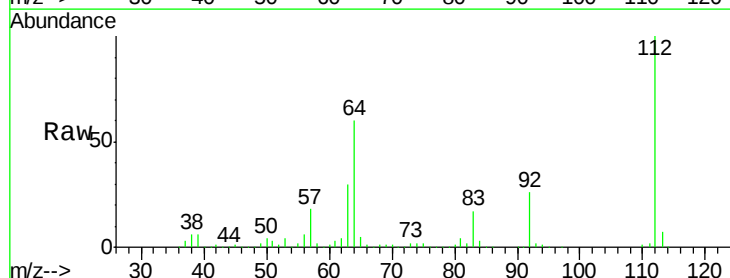
Tgt Ion:112 Resp: 516771

Ion Ratio Lower Upper

112 100

64 60.3 47.9 71.9

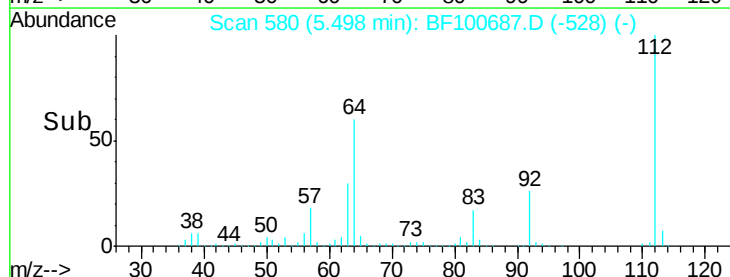
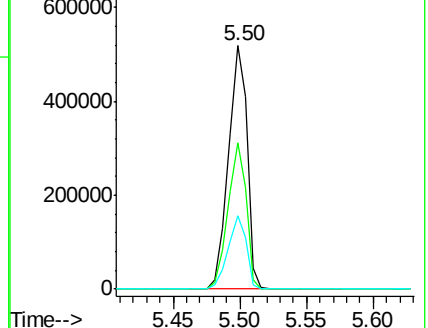
63 30.1 23.7 35.5

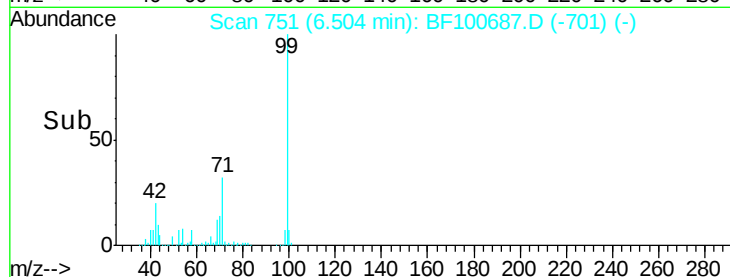
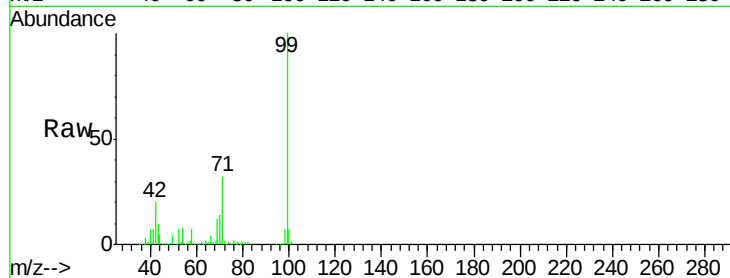


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.54 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(0-5)

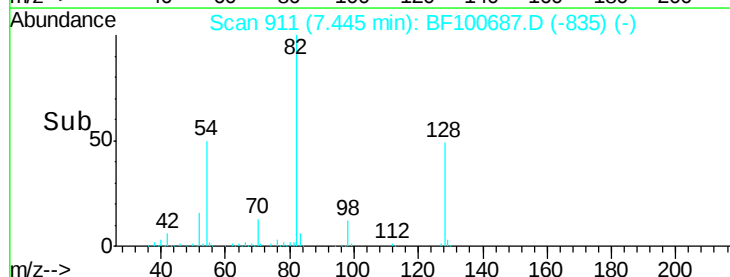
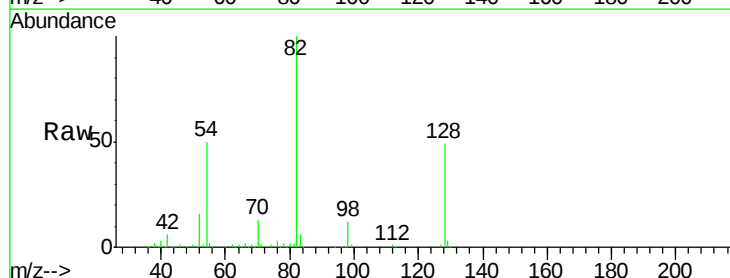
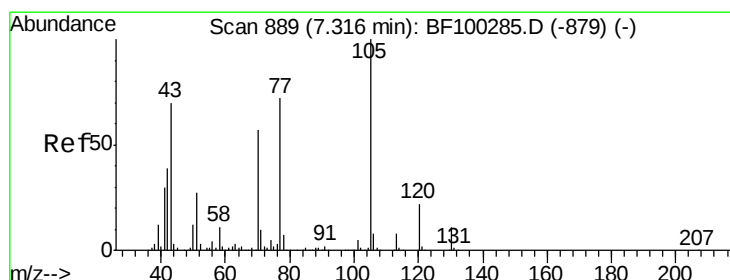
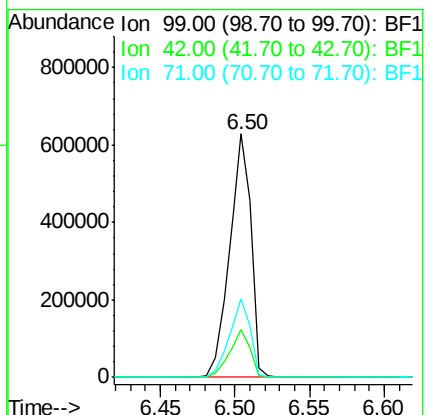
Tgt Ion: 99 Resp: 634043

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.57 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

Tgt Ion: 70 Resp: 49199

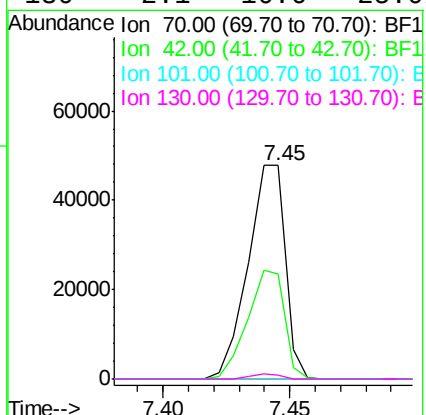
Ion Ratio Lower Upper

70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

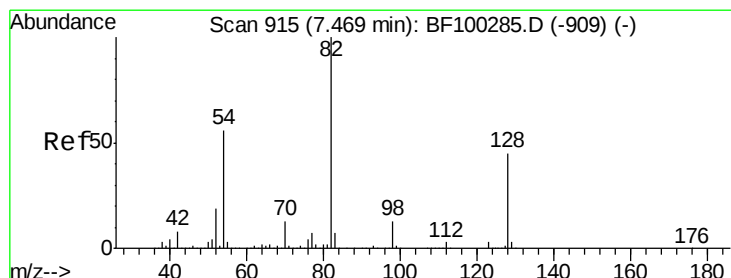
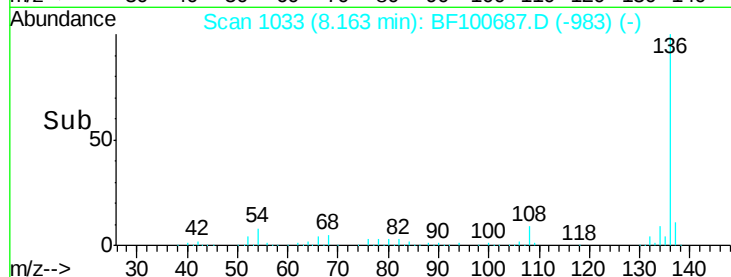
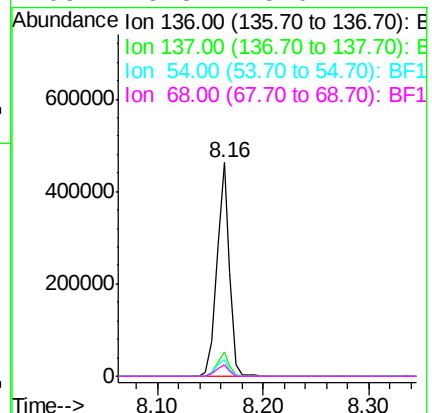
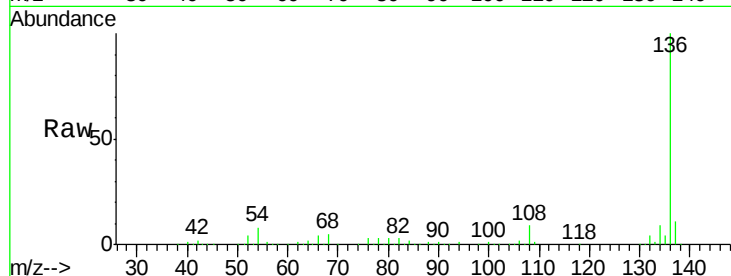




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

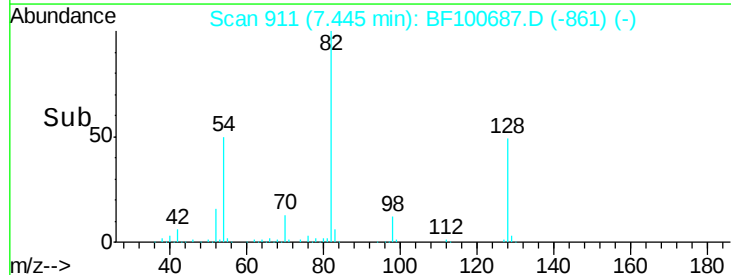
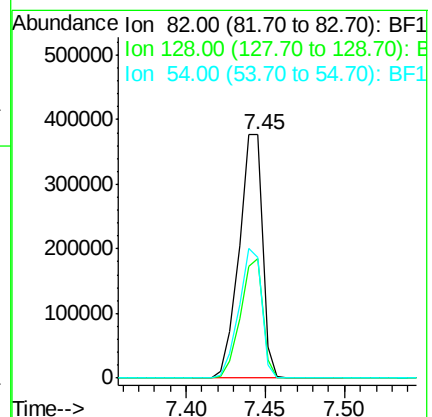
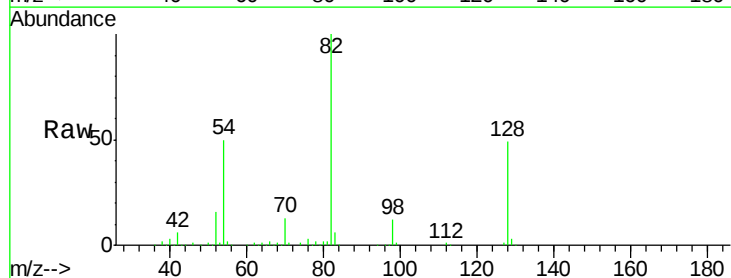
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(0-5)

Tgt Ion:	136	Resp:	385797
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 66.13 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

Tgt Ion:	82	Resp:	385920
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	49.5	41.4	62.2





#25

Isophorone

Concen: 31.47 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(0-5)

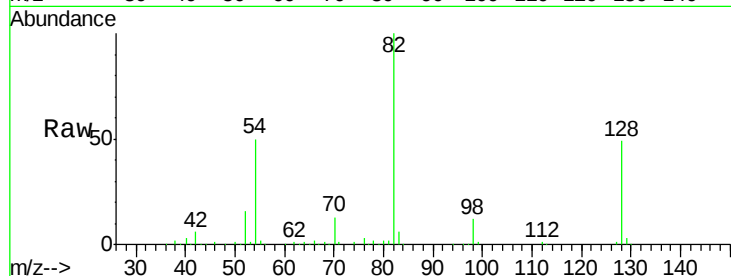
Tgt Ion: 82 Resp: 385916

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

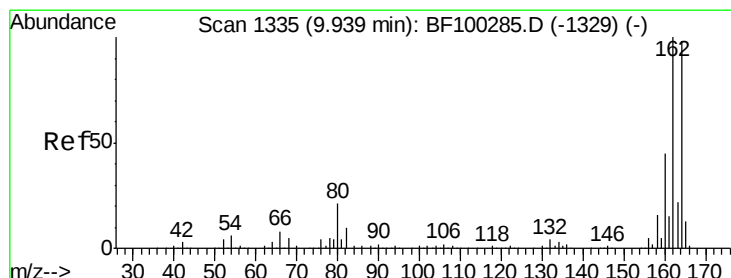
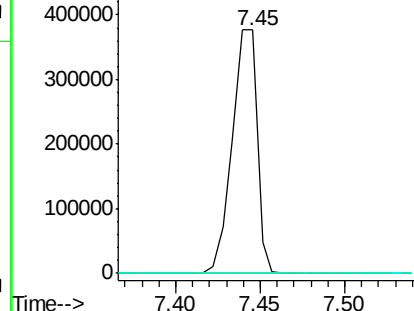
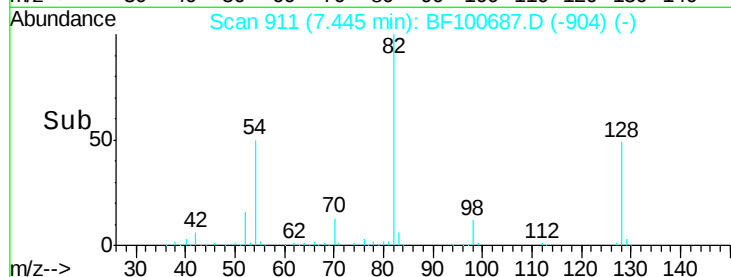
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

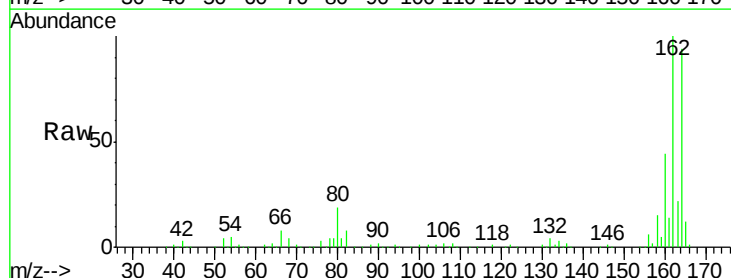
Tgt Ion: 164 Resp: 179551

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

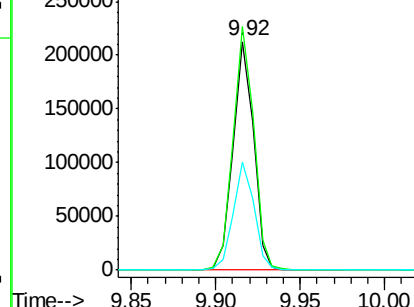
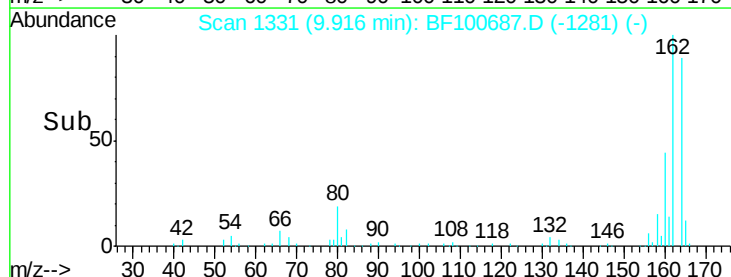
160 47.3 38.3 57.5

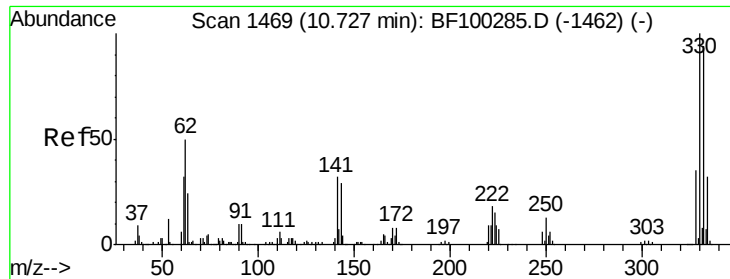


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

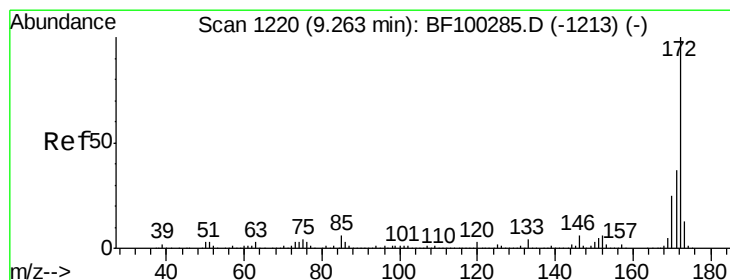
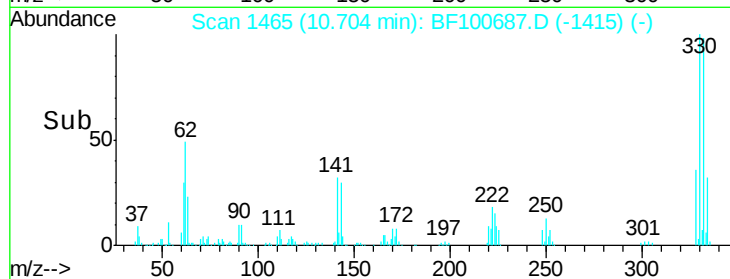
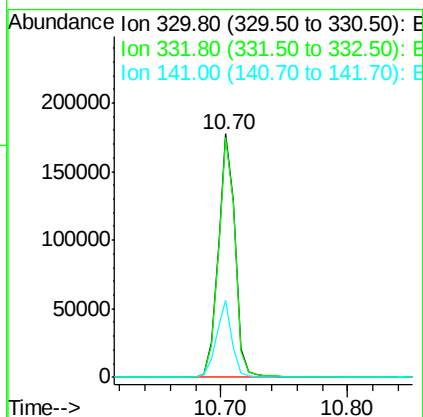
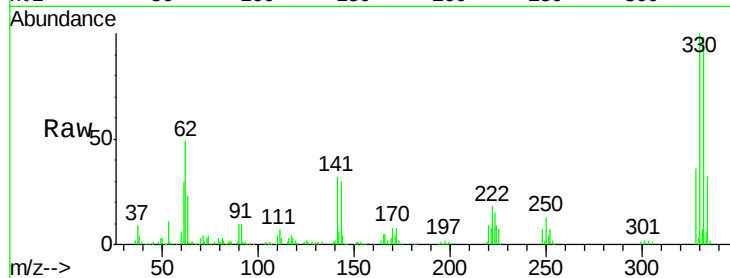




#41
 2,4,6-Tribromophenol
 Concen: 90.05 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

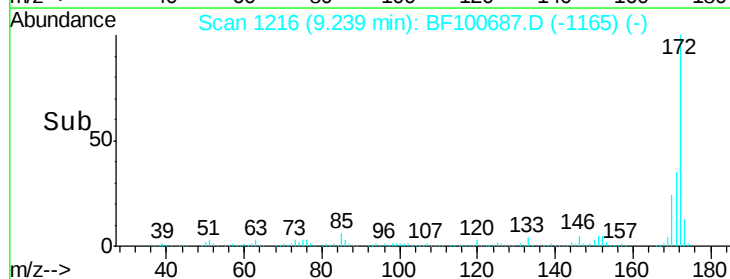
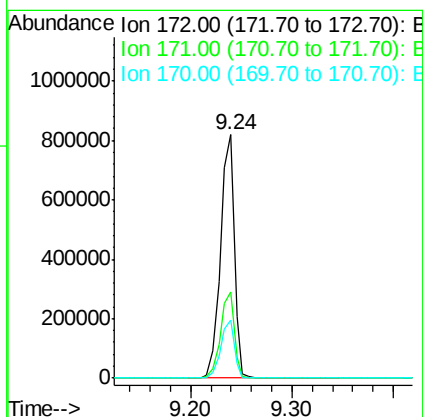
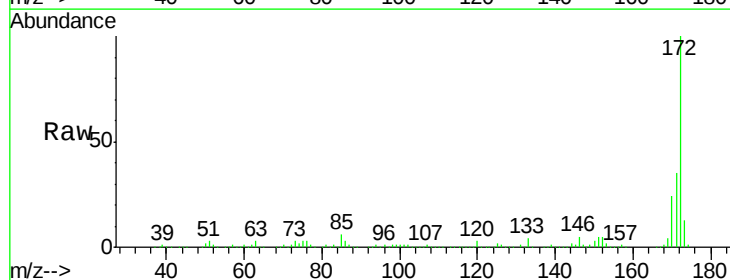
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(0-5)

Tgt Ion:330 Resp: 164765
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 29.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 65.67 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Tgt Ion:172 Resp: 774340
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.8 19.6 29.4

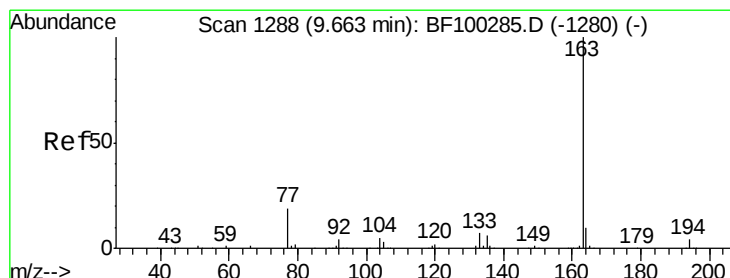
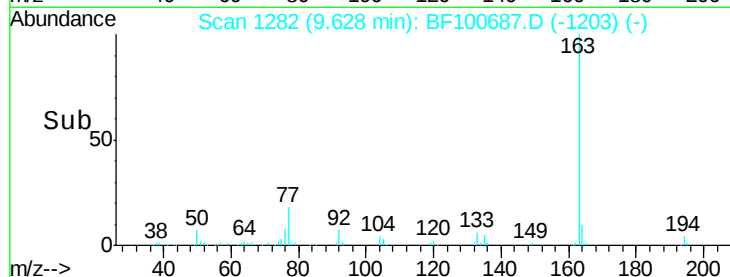
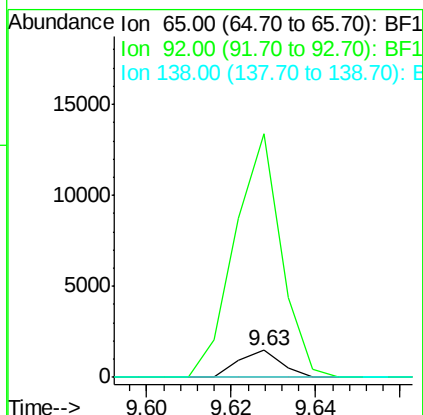
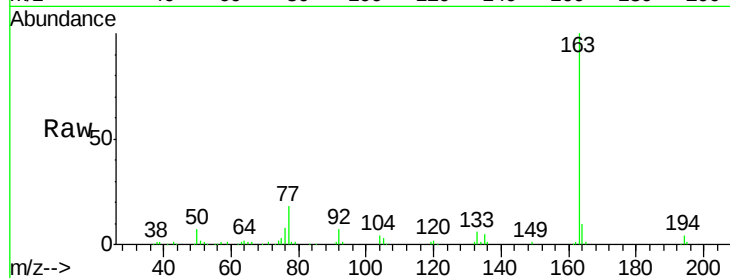




#47
2-Nitroaniline
Concen: 3.08 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

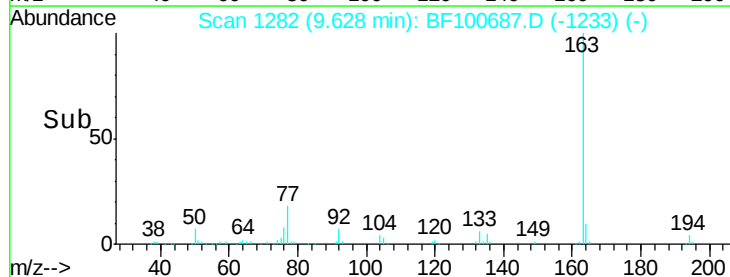
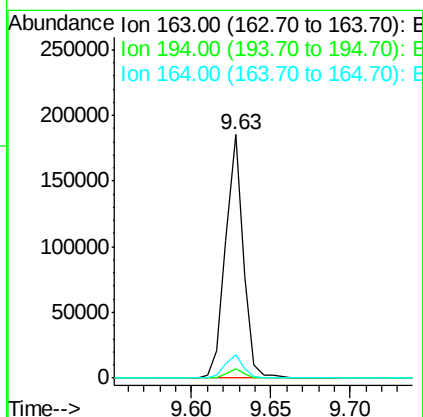
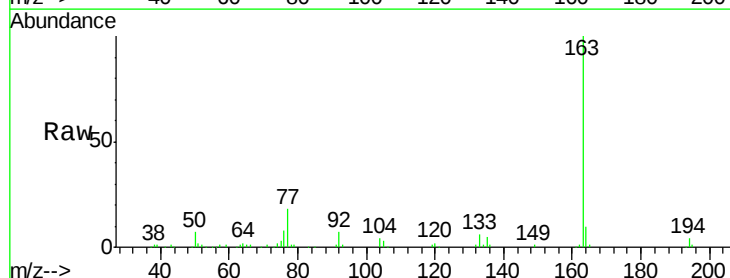
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(0-5)

Tgt Ion: 65 Resp: 1053
Ion Ratio Lower Upper
65 100
92 893.8 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 10.50 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

Tgt Ion: 163 Resp: 143932
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.5 8.2 12.2

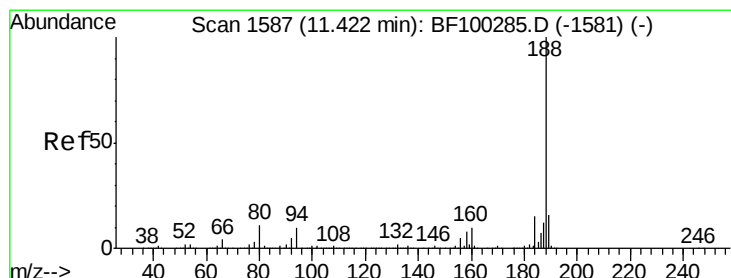
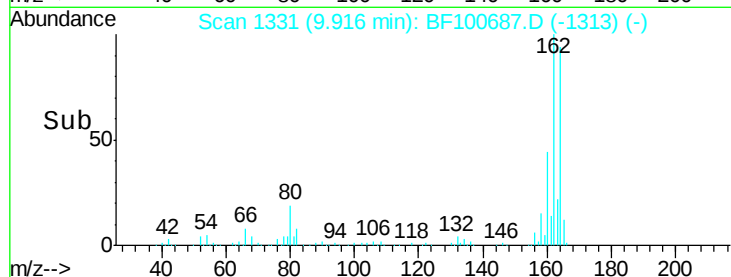
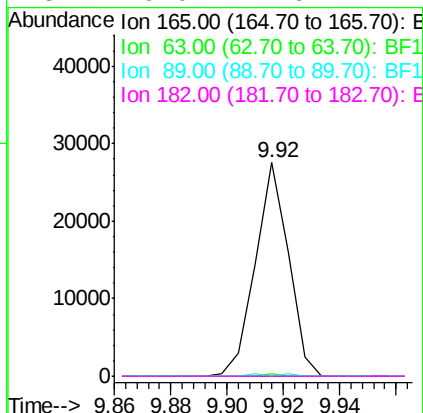
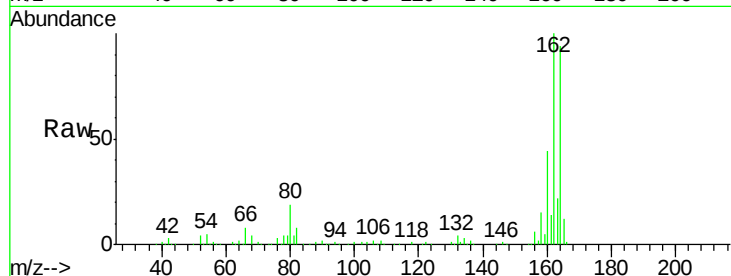




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

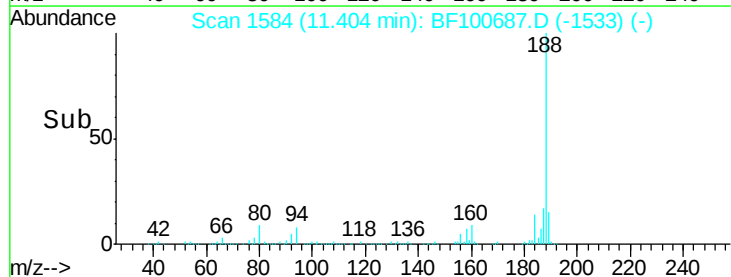
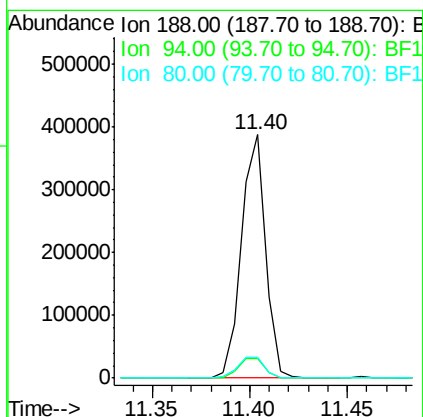
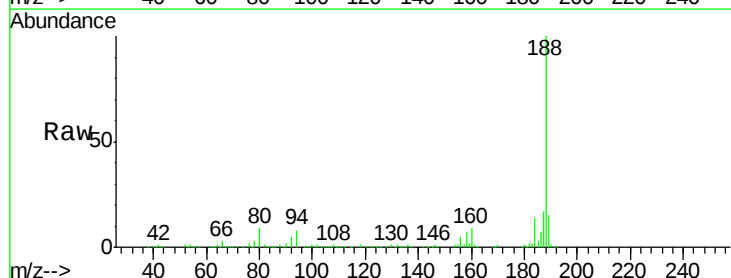
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(0-5)

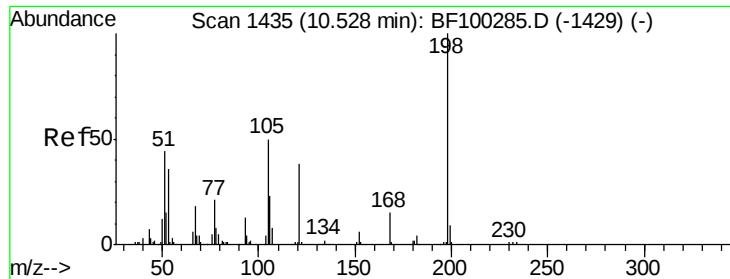
Tgt Ion:	165	Resp:	22487
Ion Ratio	Lower	Upper	
165	100		
63	1.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Tgt Ion:	188	Resp:	331512
Ion Ratio	Lower	Upper	
188	100		
94	8.2	8.5	12.7#
80	8.7	9.2	13.8#

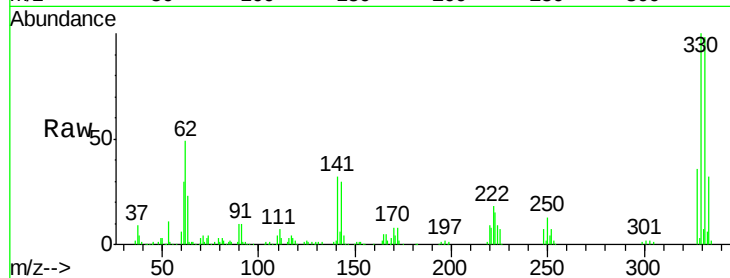




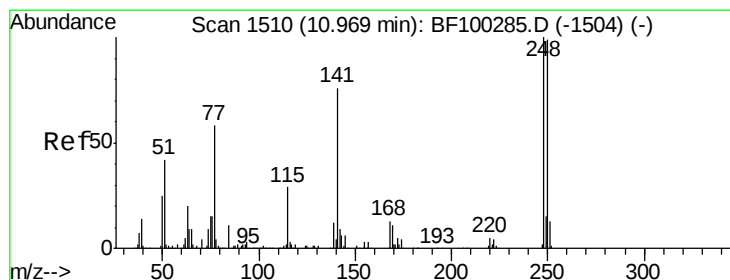
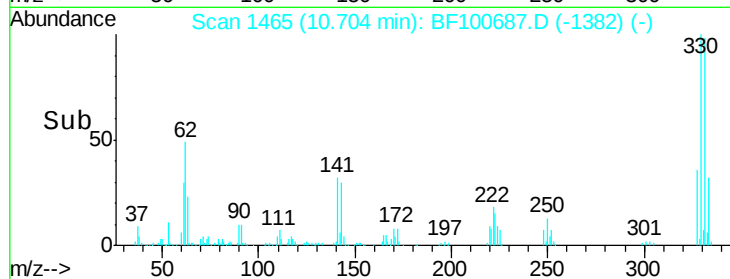
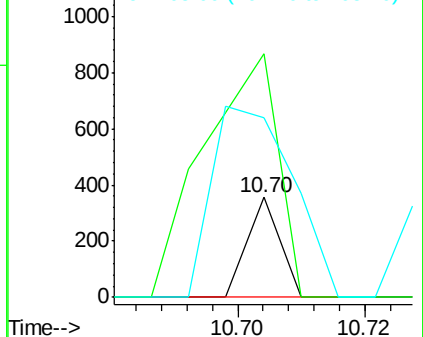
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.63 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(0-5)

Tgt Ion:198 Resp: 126
 Ion Ratio Lower Upper
 198 100
 51 243.5 37.7 77.7#
 105 180.1 36.3 76.3#

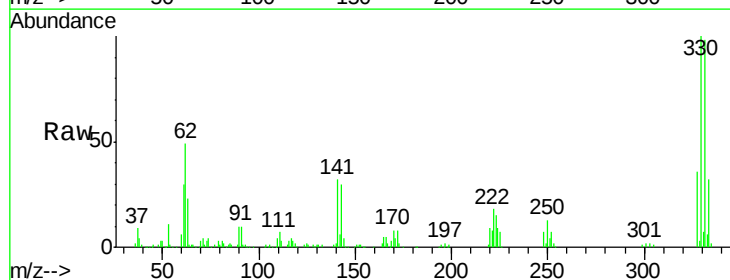


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

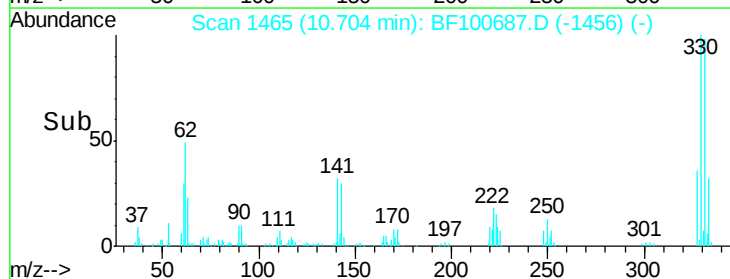
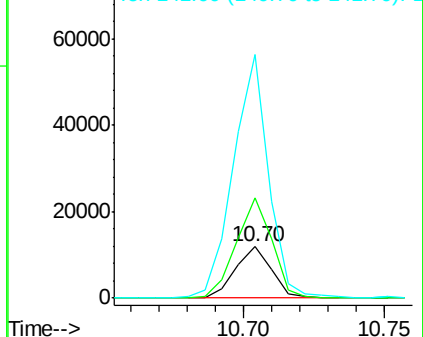


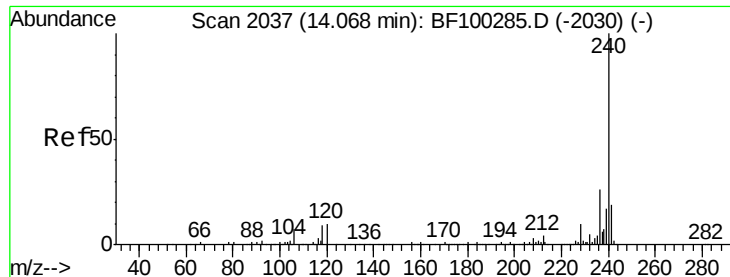
#66
 4-Bromophenyl-phenylether
 Concen: 2.96 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Tgt Ion:248 Resp: 10512
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.9 115.3#
 141 476.2 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: BF100687.D

Acq: 17 Nov 2017 21:30

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(0-5)

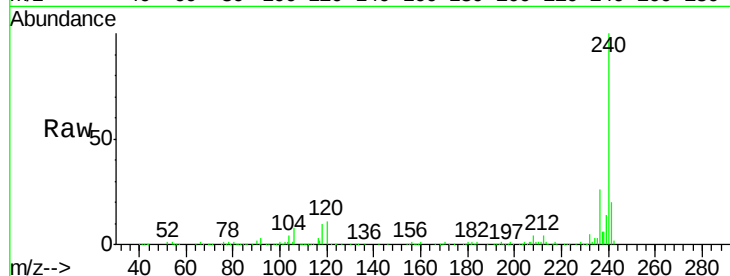
Tgt Ion:240 Resp: 235785

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

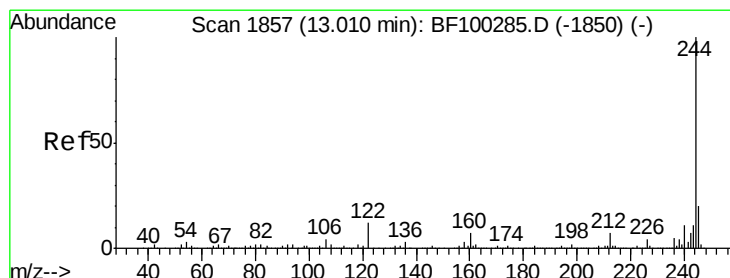
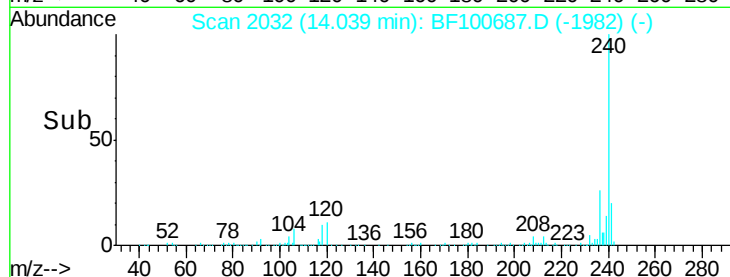
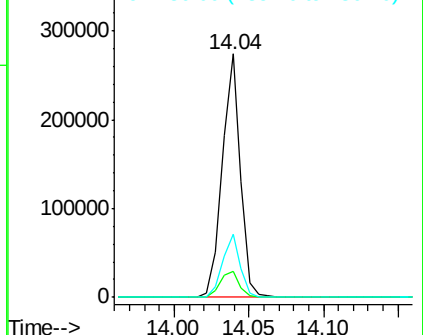
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 62.56 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

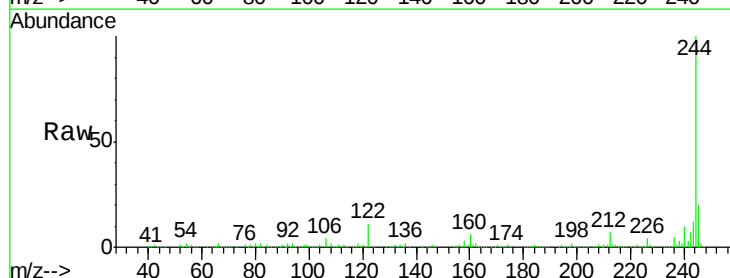
Tgt Ion:244 Resp: 641960

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

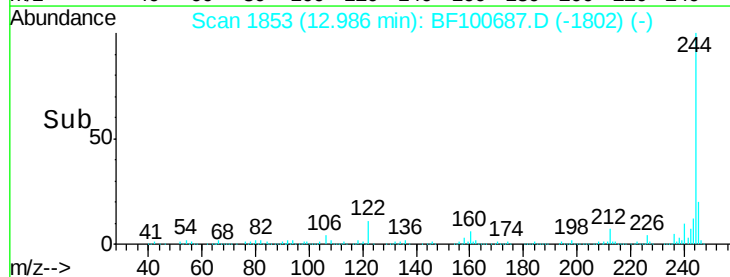
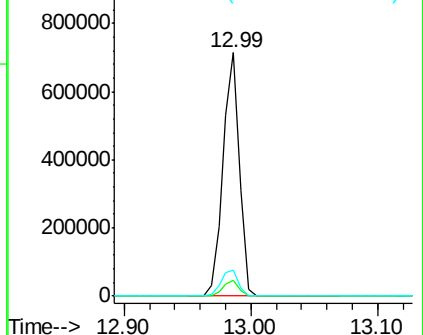
122 10.6 11.0 16.4#

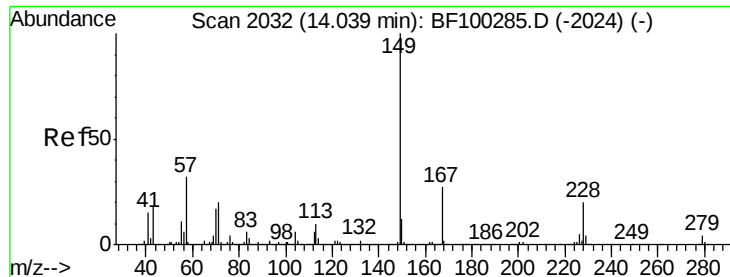


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

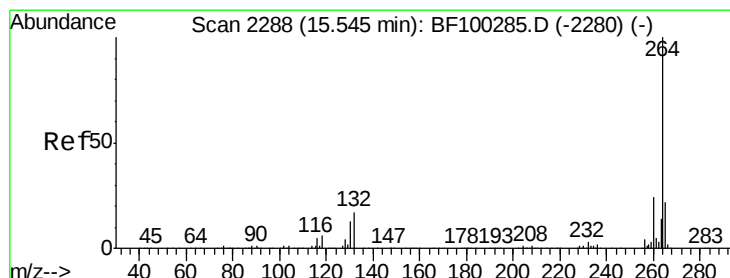
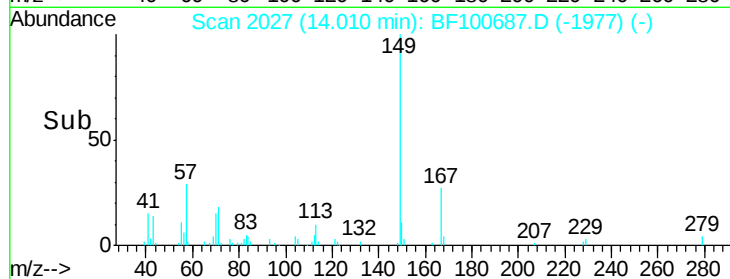
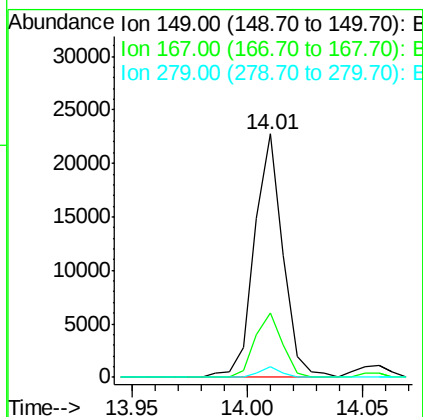
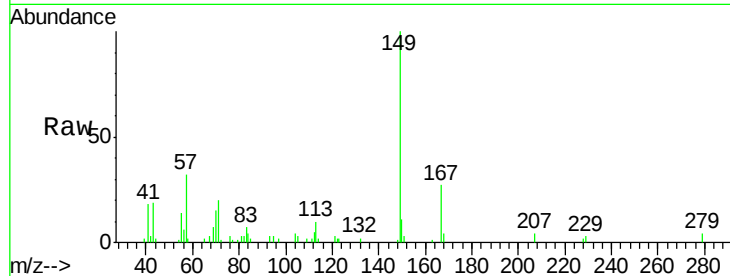




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.18 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(0-5)

Tgt Ion:149 Resp: 19615
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 4.4 3.0 4.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Tgt Ion:264 Resp: 238665
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.4 17.5 26.3

