

Data File : BF100686.D
Acq On : 17 Nov 2017 21:03
Operator : SJ/JU
Sample : I6486-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 17 22:24:29 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	107958	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	437925	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	204006	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	371513	20.00	ng	0.00
75) Chrysene-d12	14.04	240	261136	20.00	ng	0.00
86) Perylene-d12	15.52	264	261594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	531612	78.94	ng	0.00
7) Phenol-d6	6.50	99	663993	79.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	405523	61.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	175837	84.58	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	776307	57.94	ng	0.00
78) Terphenyl-d14	12.99	244	639564	56.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	52110	9.05	ng	# 80
25) Isophorone	7.45	82	405519	29.13	ng	# 64
47) 2-Nitroaniline	9.63	65	1543	3.17	ng	# 1
49) Dimethylphthalate	9.63	163	158253	10.16	ng	100
56) 2,4-Dinitrotoluene	9.92	165	25773	6.63	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	393	8.74	ng	# 28
66) 4-Bromophenyl-phenylether	10.70	248	11132	2.80	ng	# 1

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

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EPE-125-10(5-10)

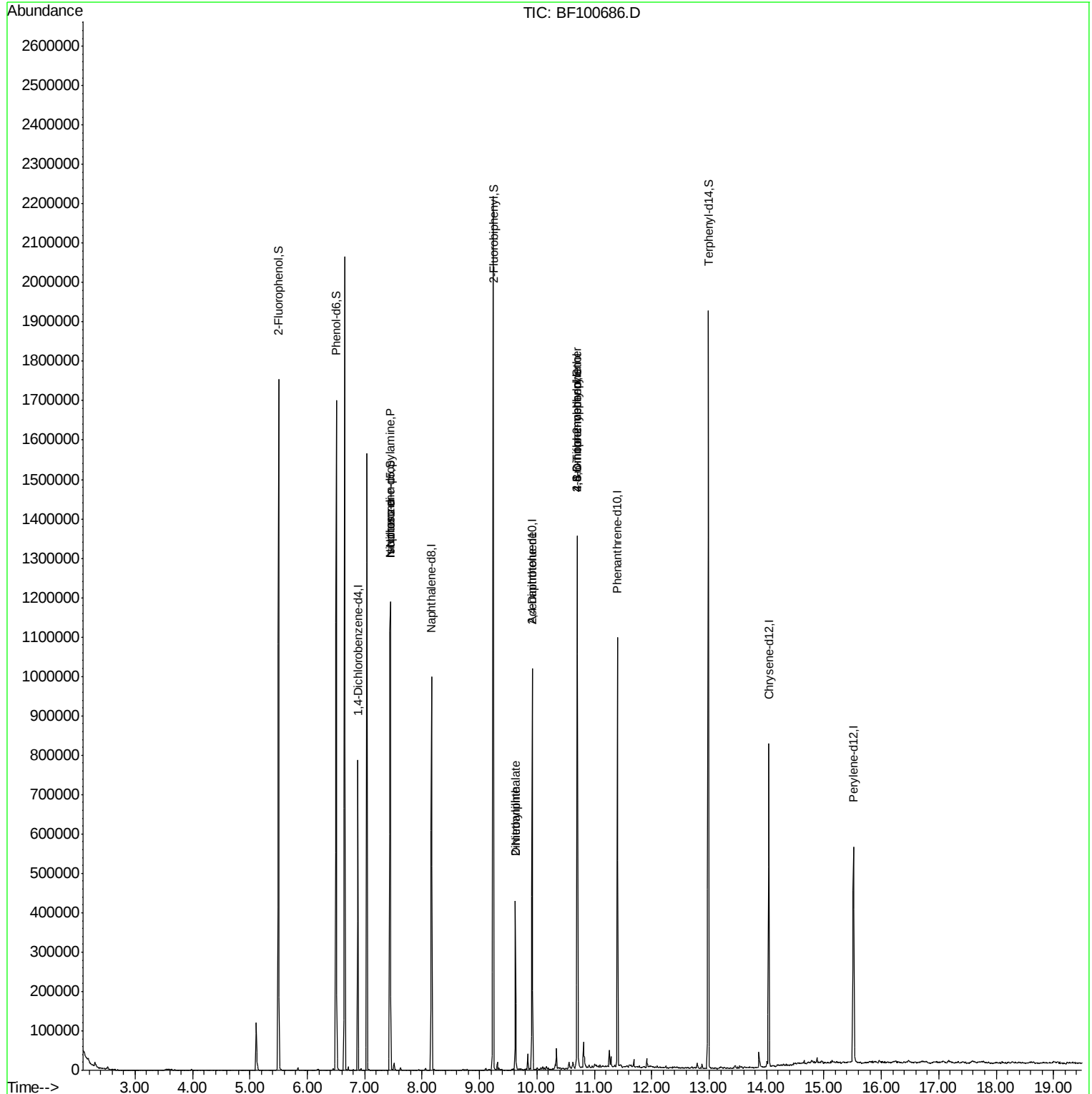
Quant Time: Nov 17 22:24:29 2017

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

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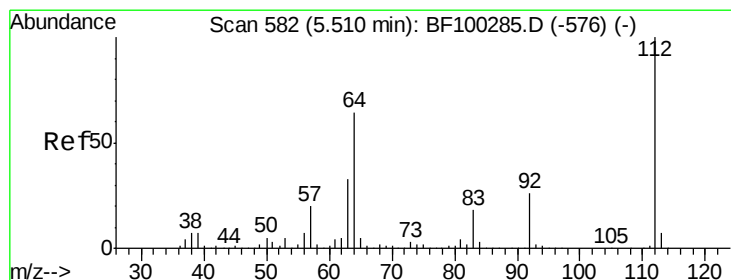
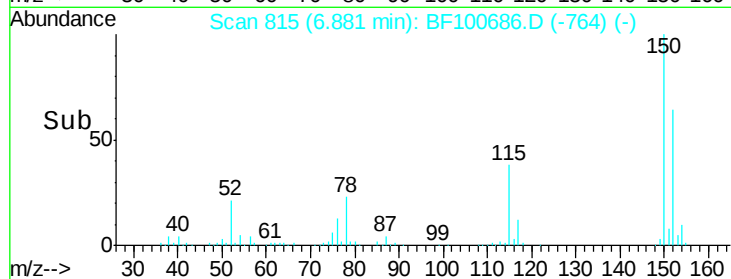
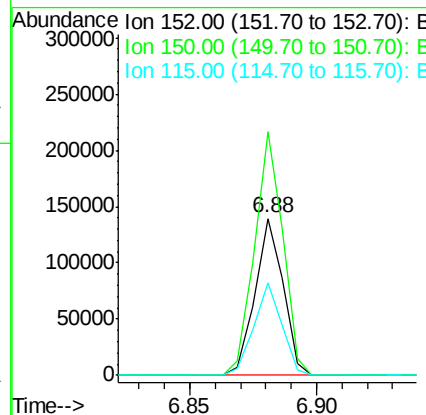
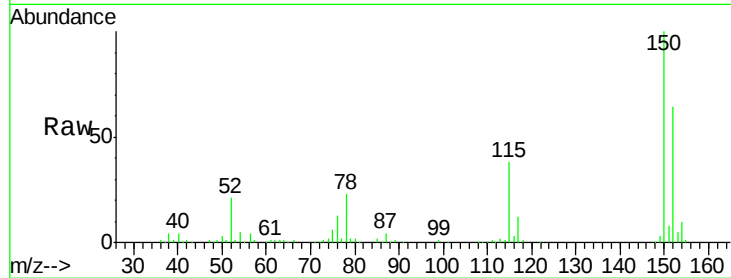




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF100686.D
 Acq: 17 Nov 2017 21:03

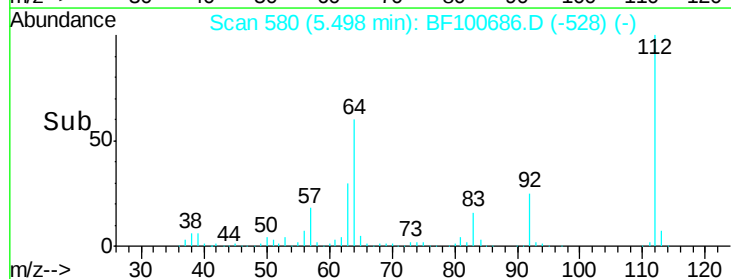
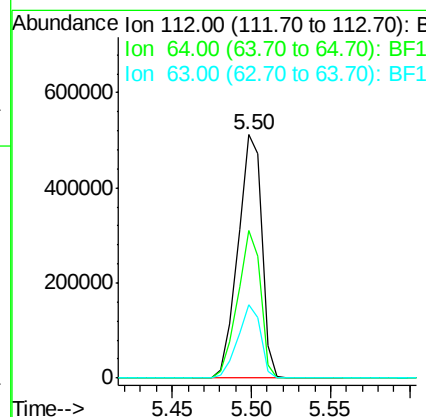
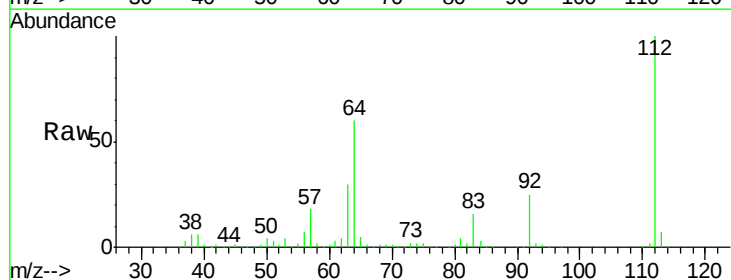
Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-10(5-10)

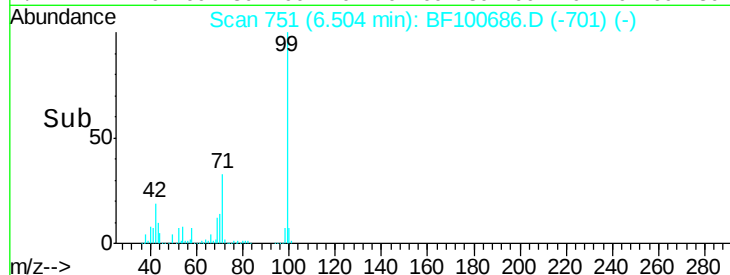
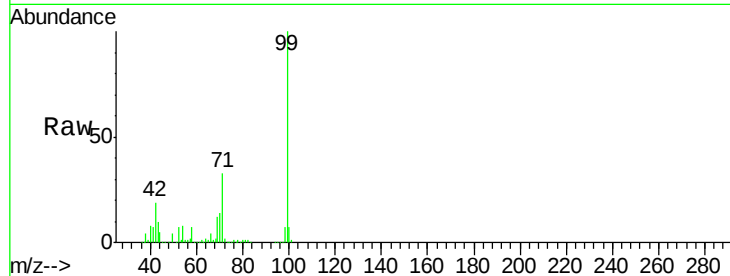
Tgt Ion:152 Resp: 107958
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 58.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 78.94 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100686.D
 Acq: 17 Nov 2017 21:03

Tgt Ion:112 Resp: 531612
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 79.95 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100686.D

Acq: 17 Nov 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EPE-125-10(5-10)

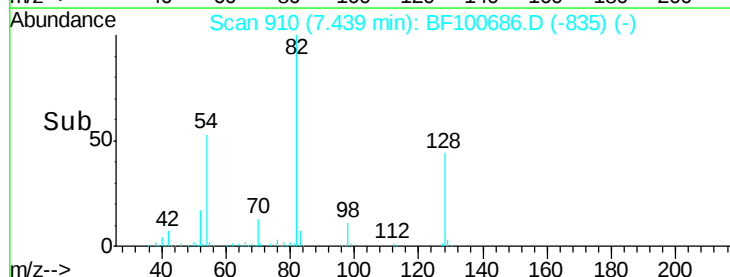
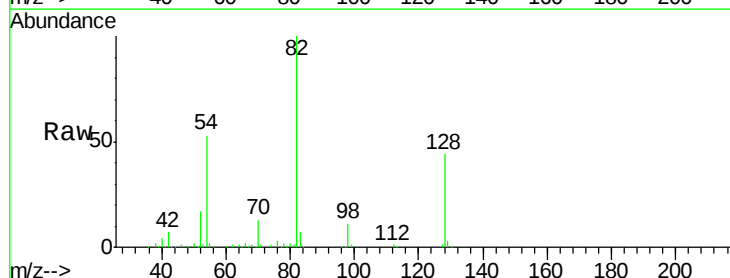
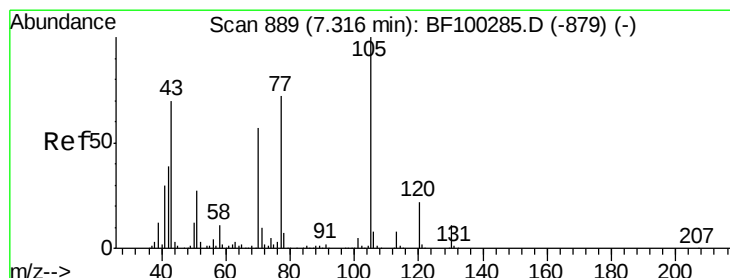
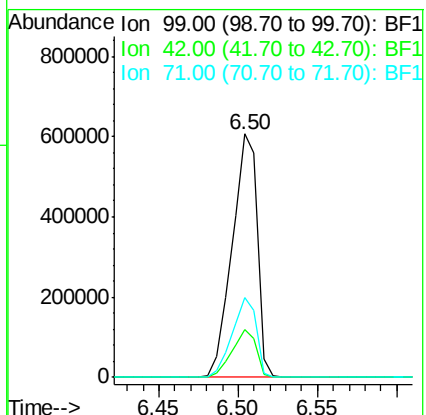
Tgt Ion: 99 Resp: 663993

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.05 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100686.D

Acq: 17 Nov 2017 21:03

Tgt Ion: 70 Resp: 52110

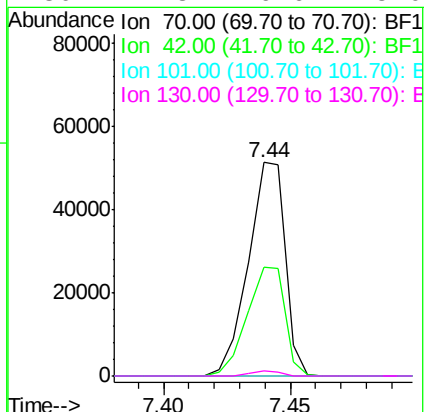
Ion Ratio Lower Upper

70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

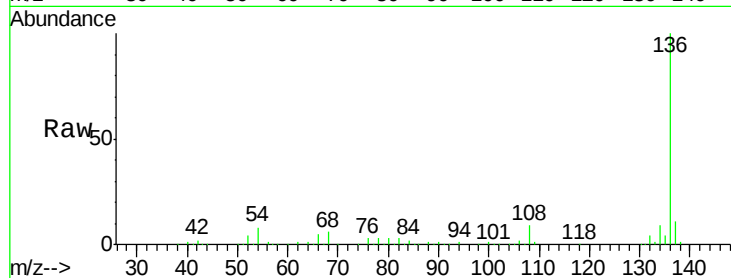




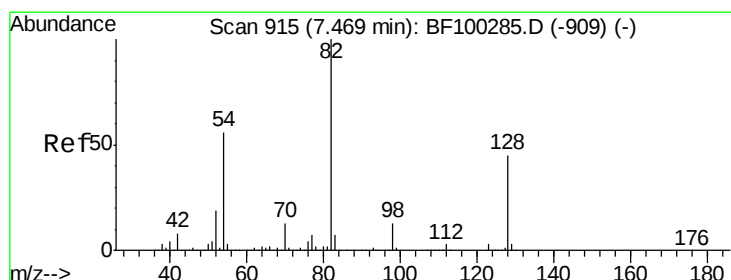
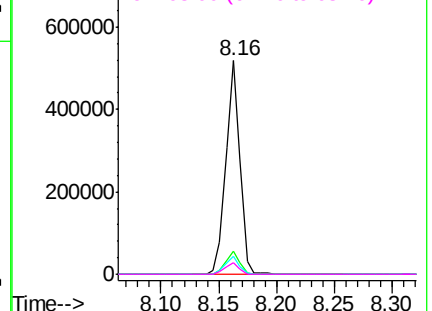
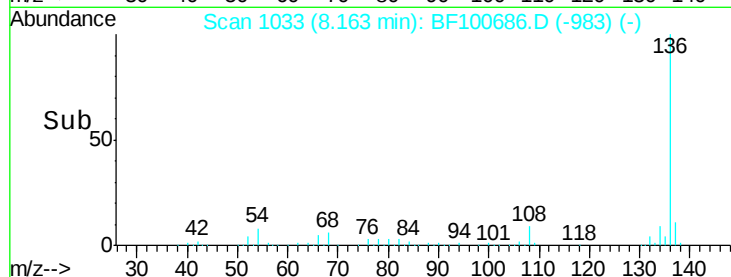
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

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

Tgt Ion:	136	Resp:	437925
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	5.5	5.0	7.4

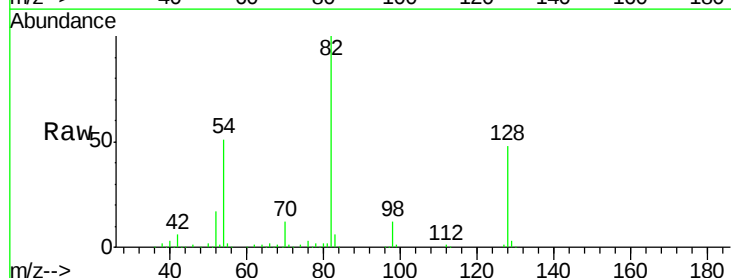


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

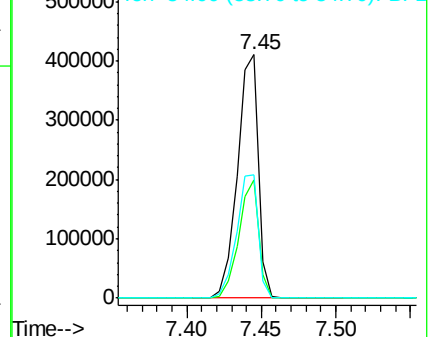
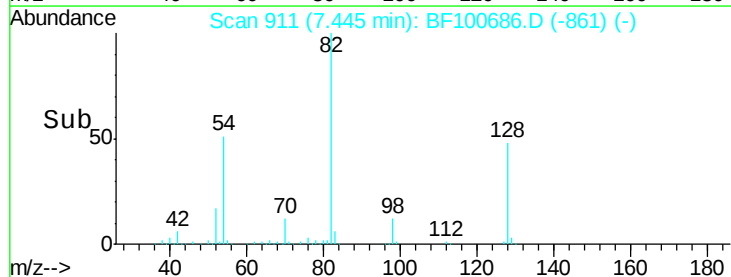


#23
Nitrobenzene-d5
Concen: 61.22 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

Tgt Ion:	82	Resp:	405523
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	50.6	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: 29.13 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100686.D

Acq: 17 Nov 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EPE-125-10(5-10)

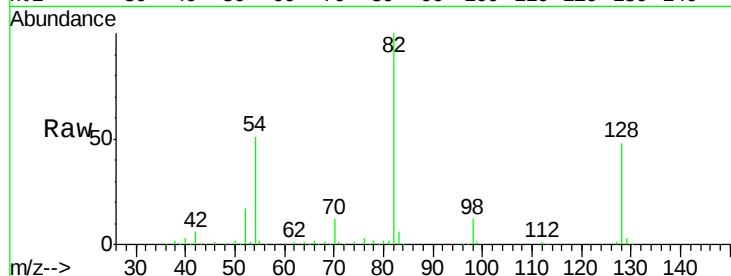
Tgt Ion: 82 Resp: 405519

Ion Ratio Lower Upper

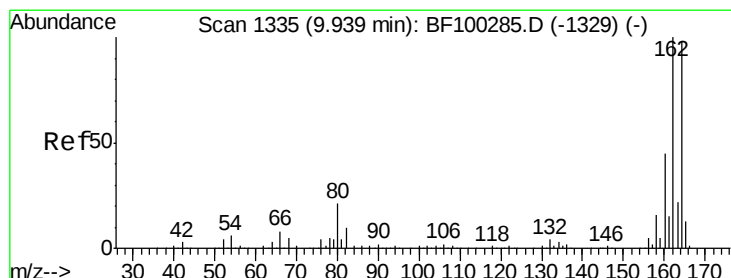
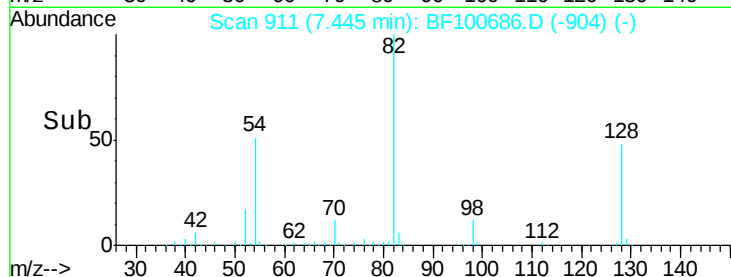
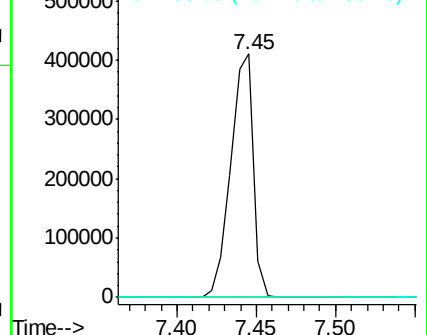
82 100

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: BF100686.D

Acq: 17 Nov 2017 21:03

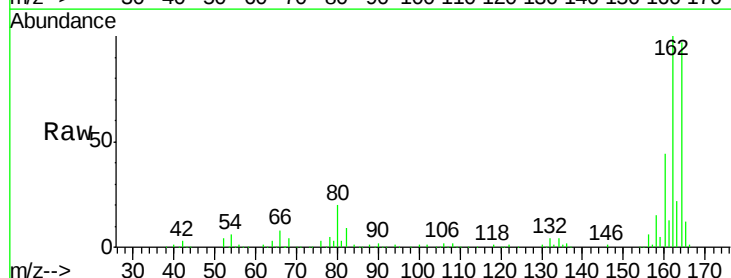
Tgt Ion: 164 Resp: 204006

Ion Ratio Lower Upper

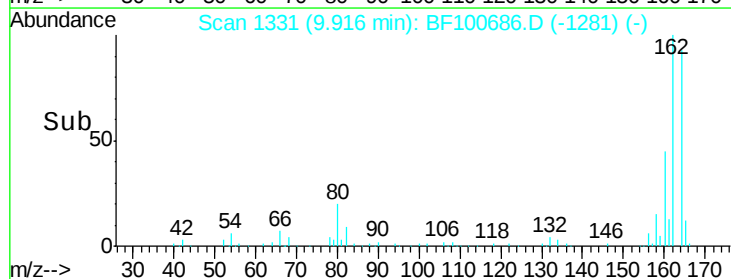
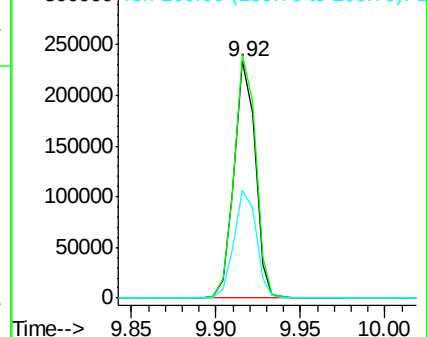
164 100

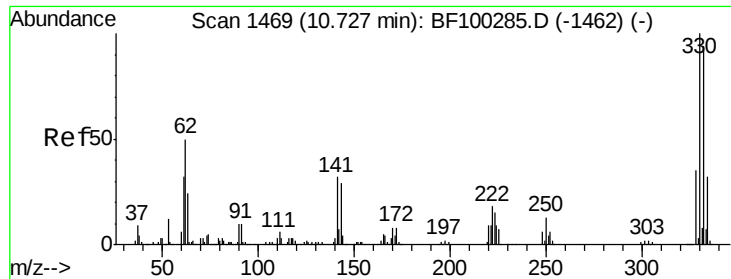
162 102.7 86.1 129.1

160 45.5 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

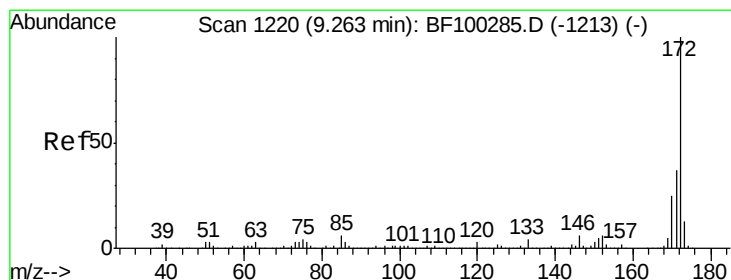
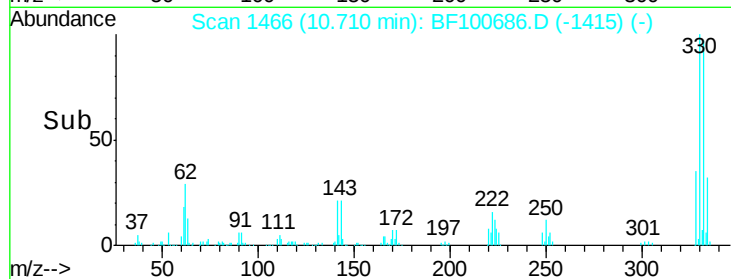
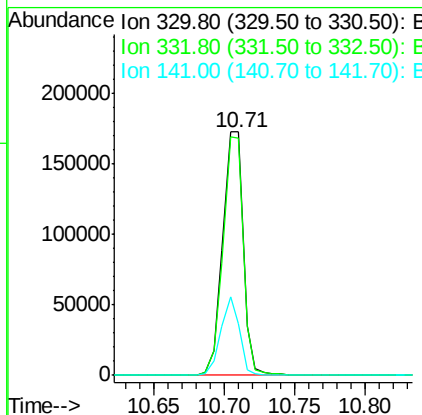
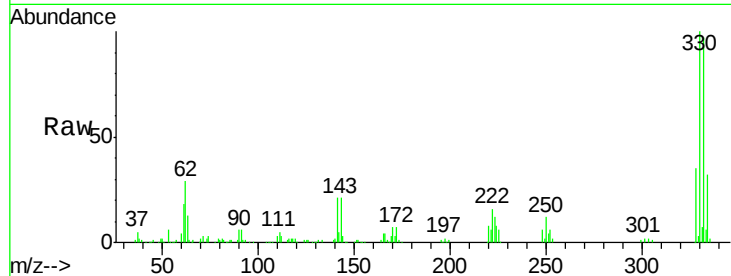




#41
 2,4,6-Tribromophenol
 Concen: 84.58 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100686.D
 Acq: 17 Nov 2017 21:03

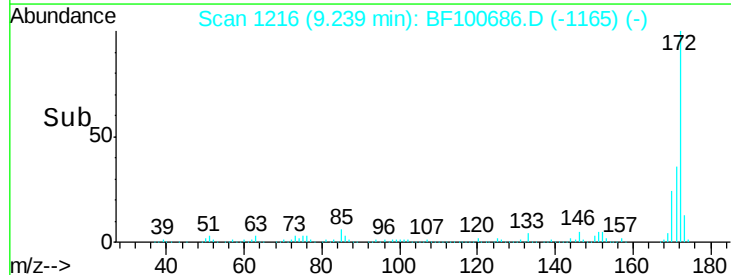
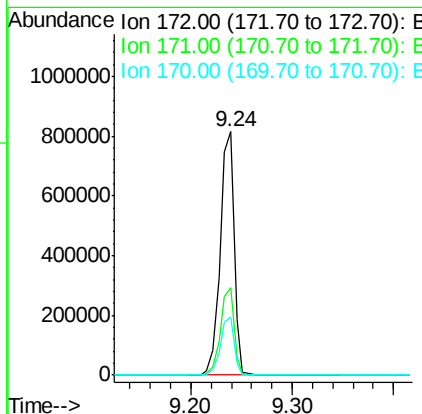
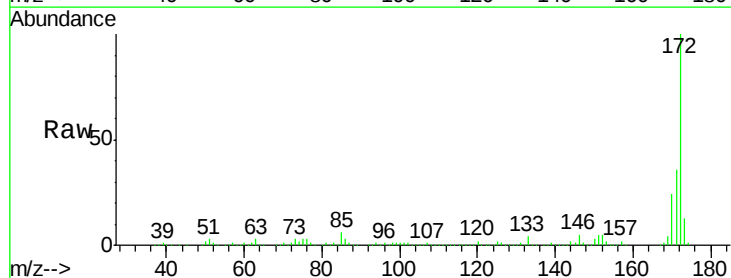
Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-10(5-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 57.94 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100686.D
 Acq: 17 Nov 2017 21:03

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: 3.17 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.16 min

Lab File: BF100686.D

Acq: 17 Nov 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EPE-125-10(5-10)

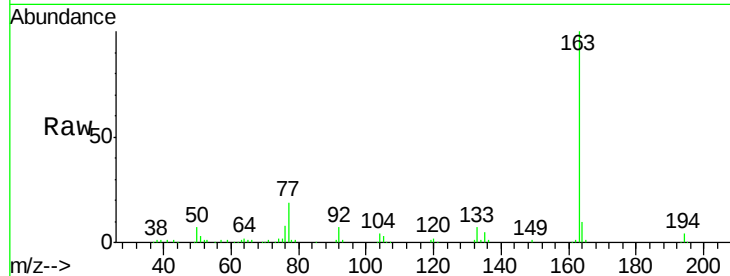
Tgt Ion: 65 Resp: 1543

Ion Ratio Lower Upper

65 100

92 721.2 55.8 83.6#

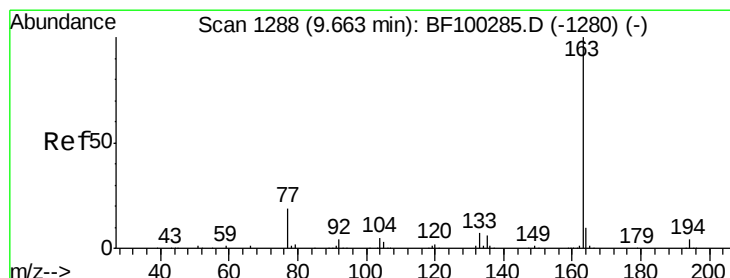
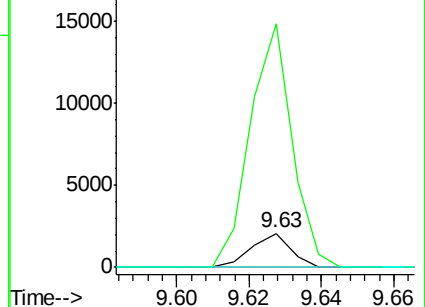
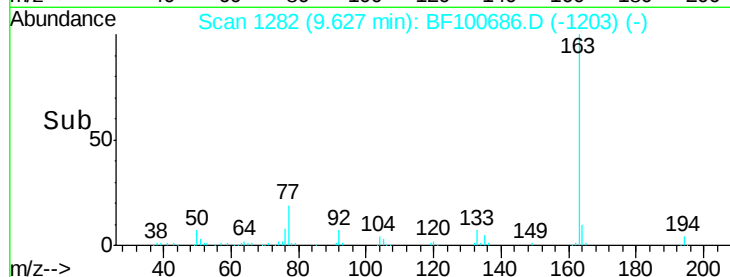
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 10.16 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF100686.D

Acq: 17 Nov 2017 21:03

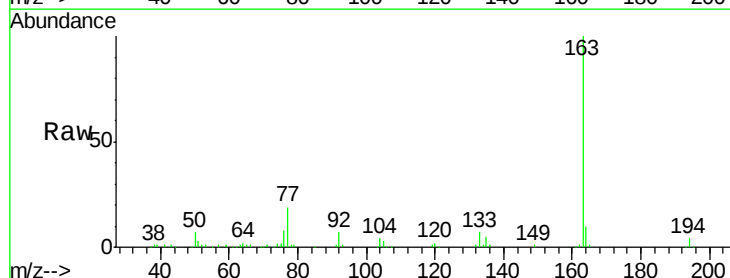
Tgt Ion: 163 Resp: 158253

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

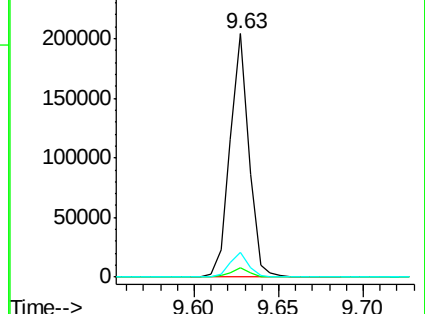
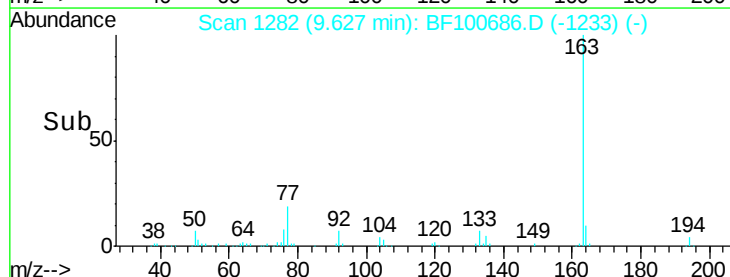
164 10.3 8.2 12.2



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

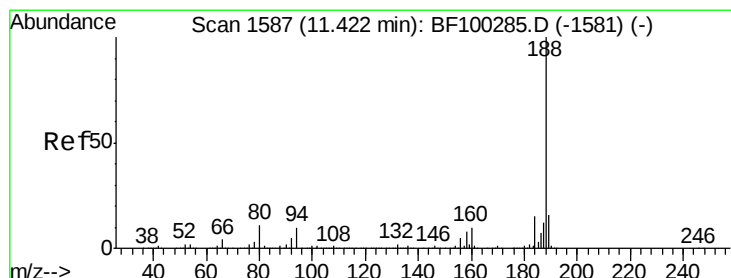
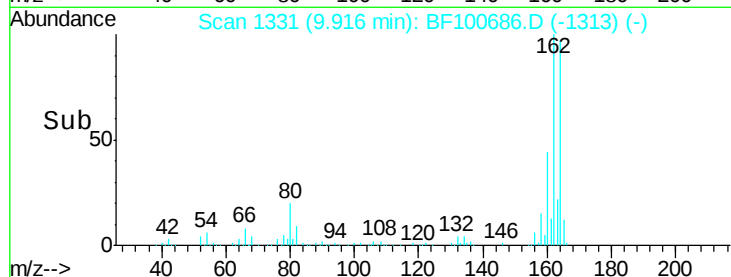
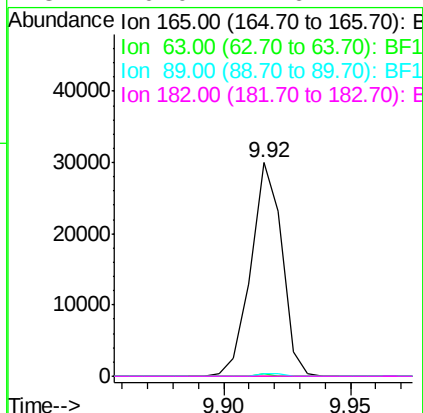
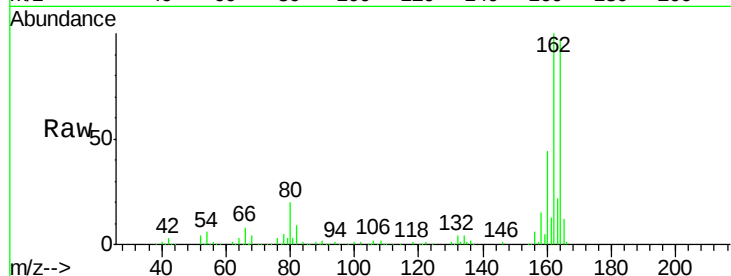




#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

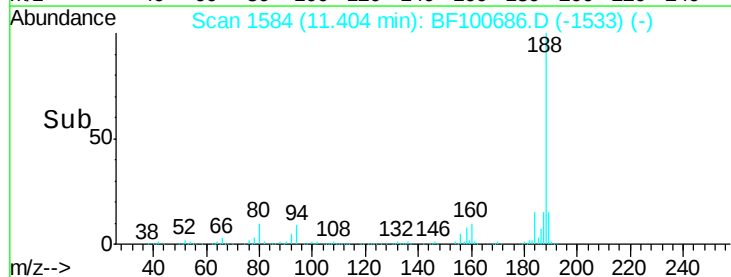
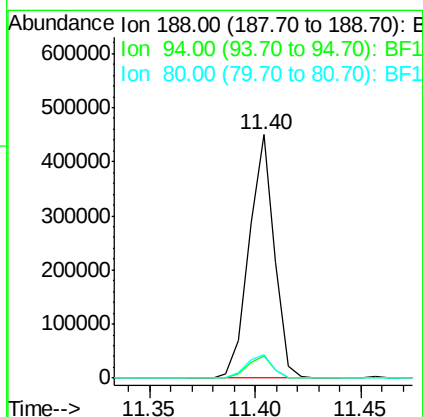
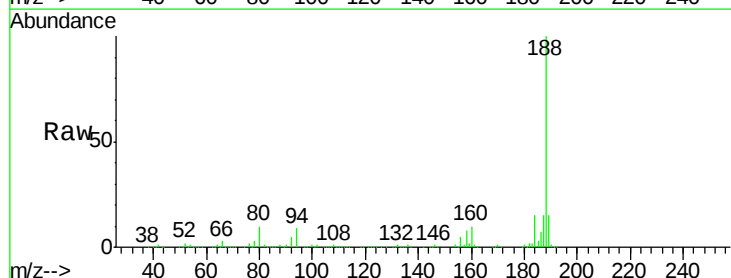
Instrument :
BNA_F
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EPE-125-10(5-10)

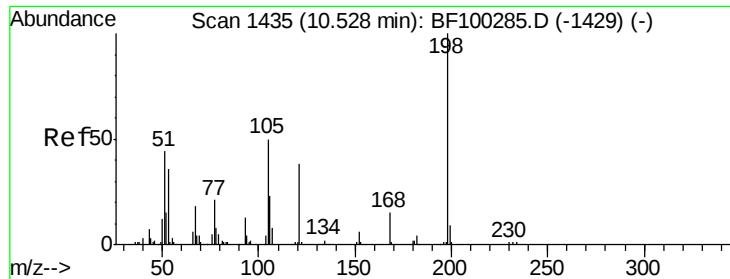
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8

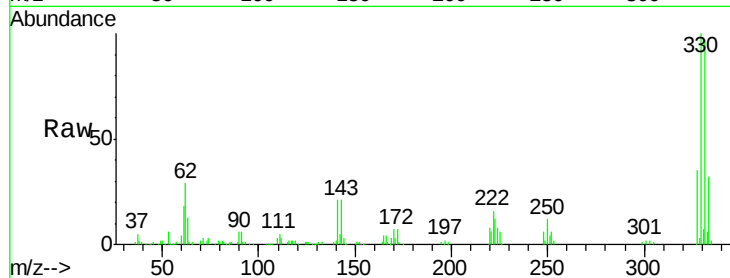




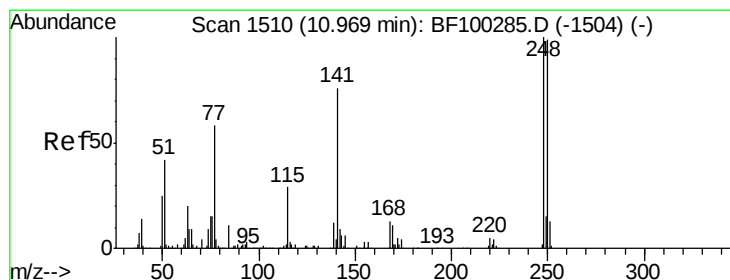
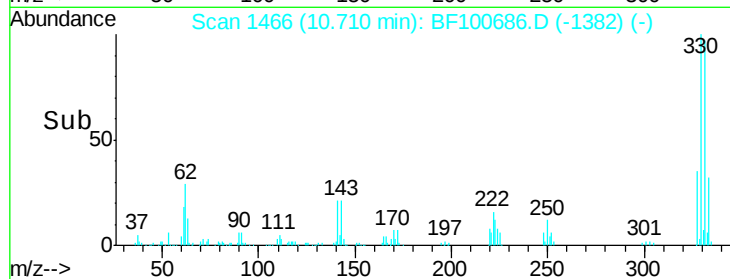
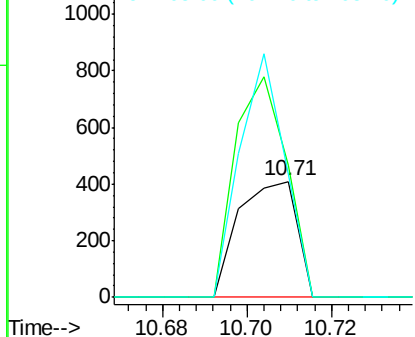
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.74 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF100686.D
 Acq: 17 Nov 2017 21:03

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

Tgt Ion:198 Resp: 393
 Ion Ratio Lower Upper
 198 100
 51 113.9 37.7 77.7#
 105 106.6 36.3 76.3#

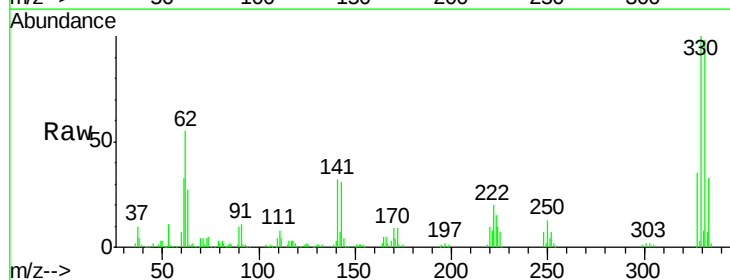


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

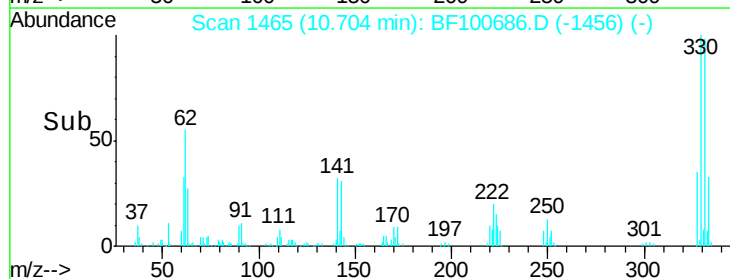
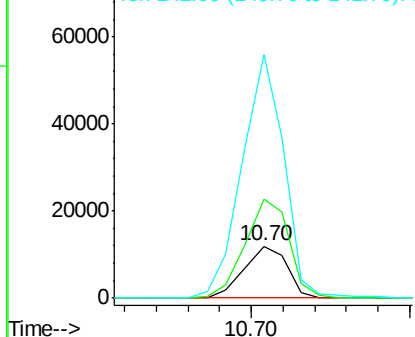


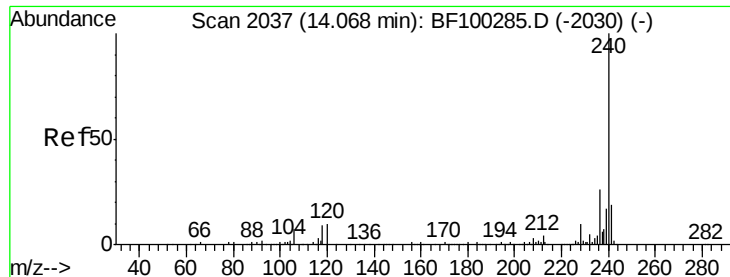
#66
 4-Bromophenyl-phenylether
 Concen: 2.80 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100686.D
 Acq: 17 Nov 2017 21:03

Tgt Ion:248 Resp: 11132
 Ion Ratio Lower Upper
 248 100
 250 191.3 76.9 115.3#
 141 470.1 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

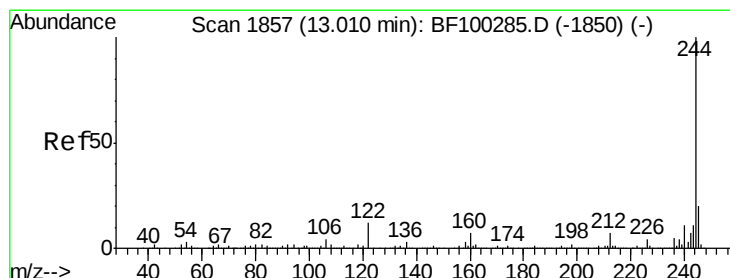
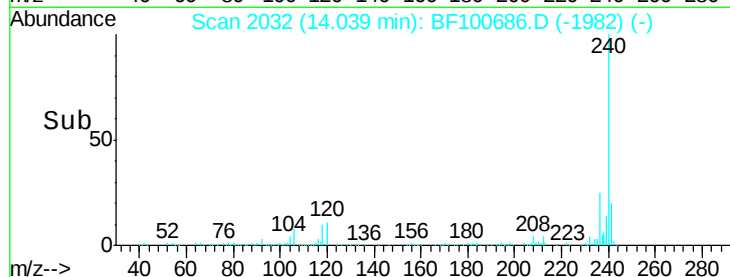
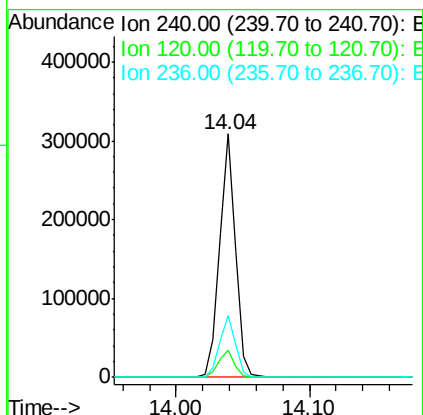
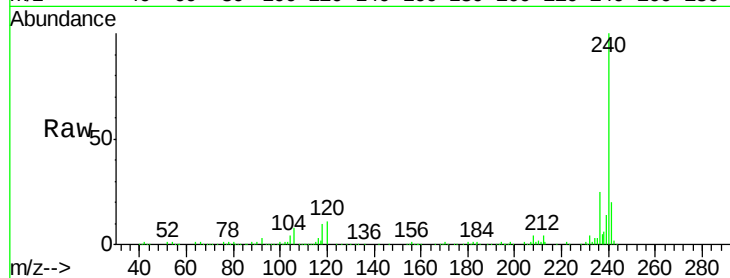




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

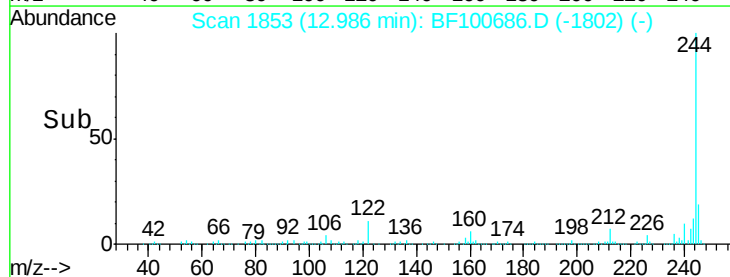
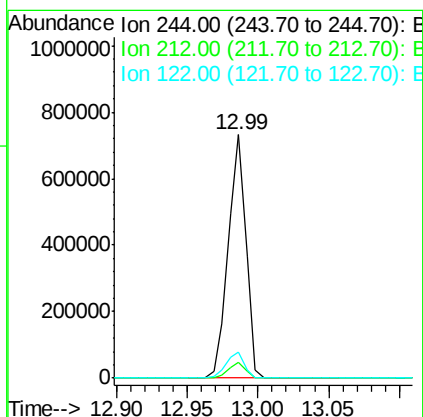
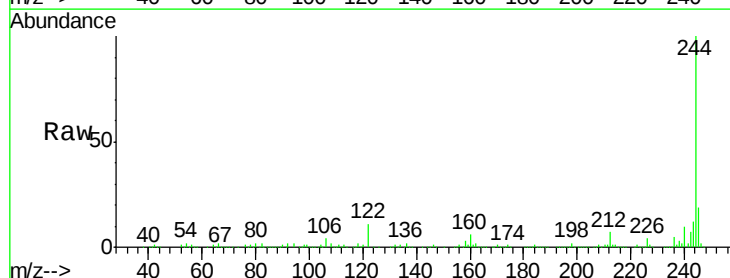
Instrument :
BNA_F
ClientSampleId :
EPE-125-10(5-10)

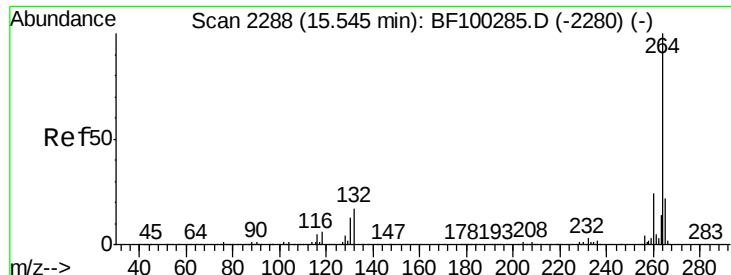
Tgt Ion:240 Resp: 261136
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.2 20.7 31.1



#78
Terphenyl-d14
Concen: 56.27 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

Tgt Ion:244 Resp: 639564
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.9 11.0 16.4#

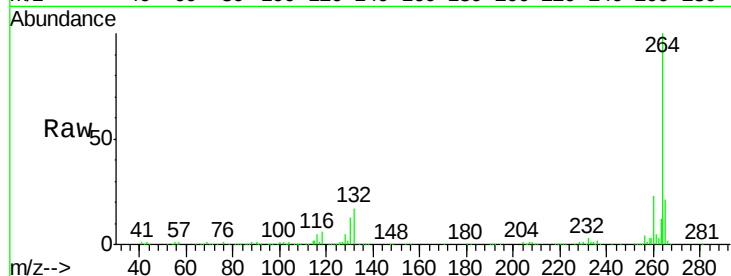




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100686.D
Acq: 17 Nov 2017 21:03

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

Tgt Ion: 264 Resp: 261594
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

