

Data File : BF100688.D
Acq On : 17 Nov 2017 21:57
Operator : SJ/JU
Sample : I6486-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-9(5-10)

Quant Time: Nov 17 23:48:57 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	98227	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	393739	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	183802	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	333910	20.00	ng	0.00
75) Chrysene-d12	14.04	240	231910	20.00	ng	0.00
86) Perylene-d12	15.52	264	238404	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	524746	85.63	ng	0.00
7) Phenol-d6	6.50	99	652784	86.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	395006	66.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	175309	93.60	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	729921	60.47	ng	0.00
78) Terphenyl-d14	12.99	244	615088	60.94	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	10829	2.01	ng	85
19) n-Nitroso-di-n-propylamine	7.44	70	50808	9.70	ng	# 80
25) Isophorone	7.44	82	394999	31.56	ng	# 64
47) 2-Nitroaniline	9.63	65	805	3.01	ng	# 1
49) Dimethylphthalate	9.63	163	132860	9.47	ng	98
56) 2,4-Dinitrotoluene	9.92	165	23211	6.62	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	159	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10376	2.90	ng	# 1

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

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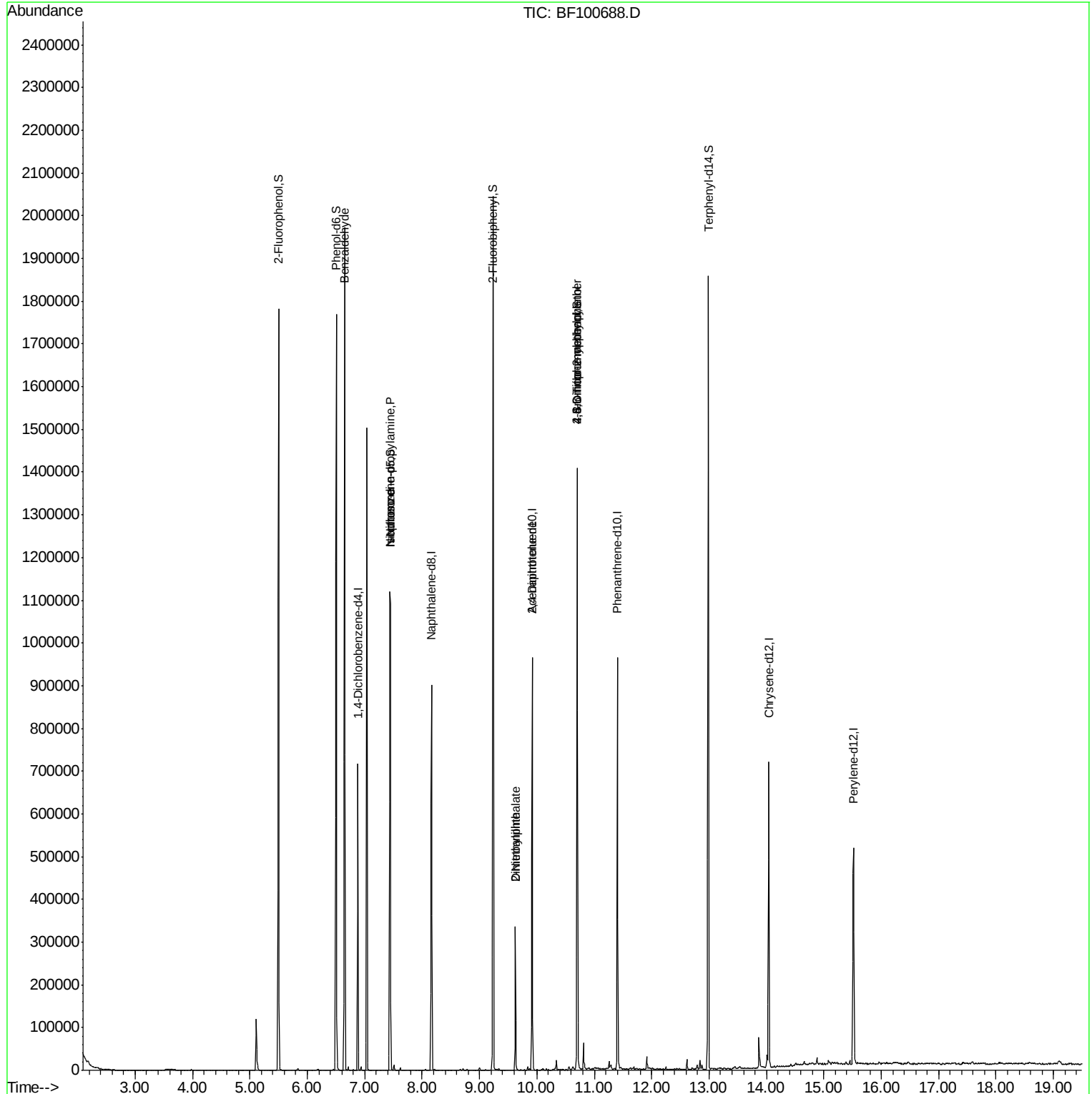
Quant Time: Nov 17 23:48:57 2017

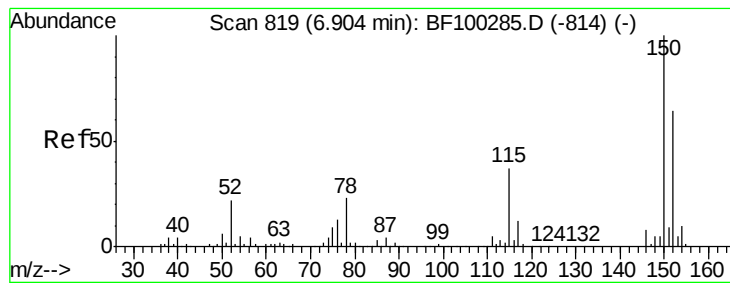
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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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: BF100688.D

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Instrument :

BNA_F

ClientSampleId :

EPE-L-9(5-10)

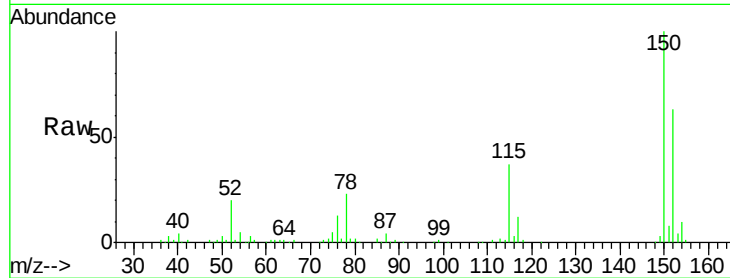
Tgt Ion:152 Resp: 98227

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

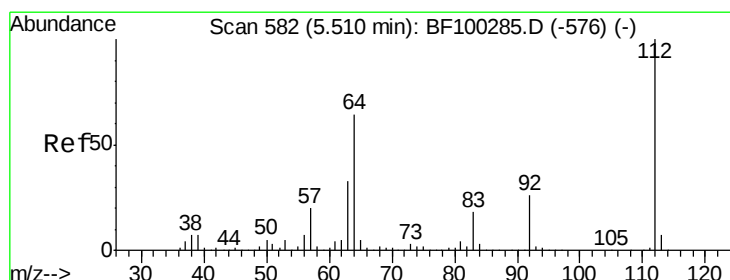
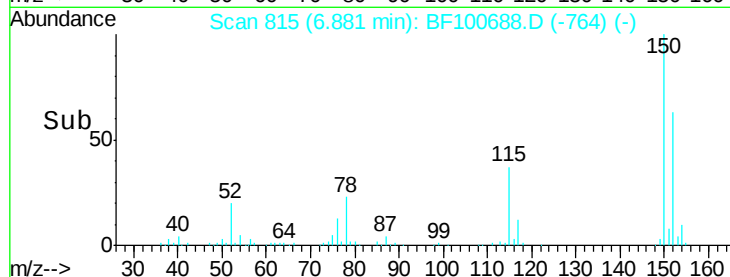
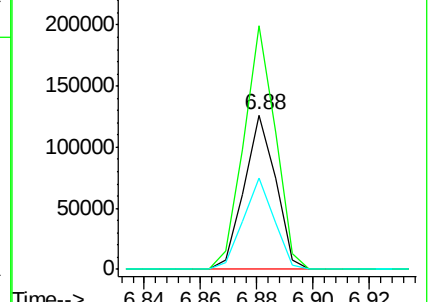
115 59.0 50.1 75.1



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: 85.63 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100688.D

Acq: 17 Nov 2017 21:57

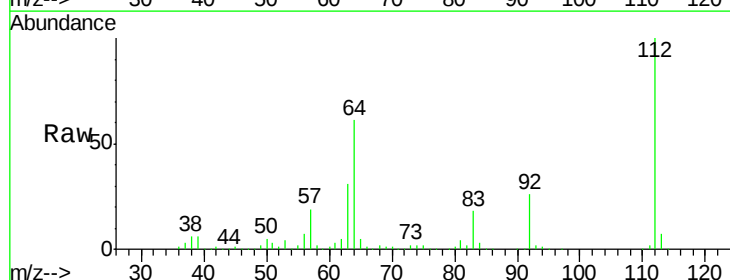
Tgt Ion:112 Resp: 524746

Ion Ratio Lower Upper

112 100

64 60.8 47.9 71.9

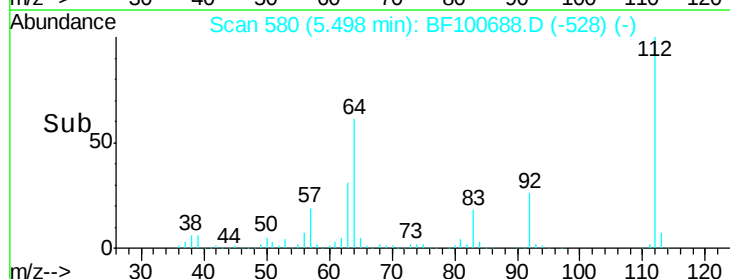
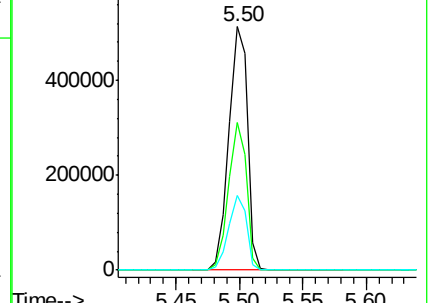
63 30.9 23.7 35.5

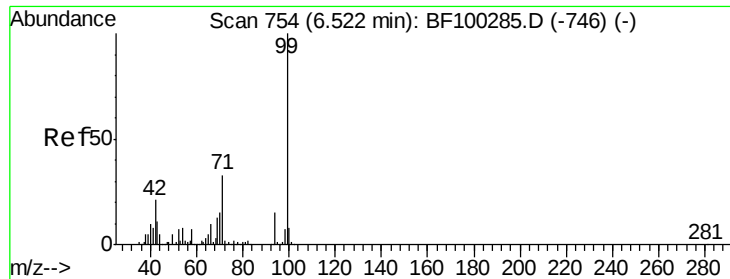


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.39 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

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EPE-L-9(5-10)

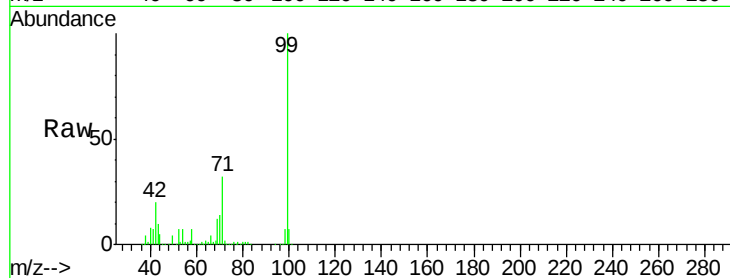
Tgt Ion: 99 Resp: 652784

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

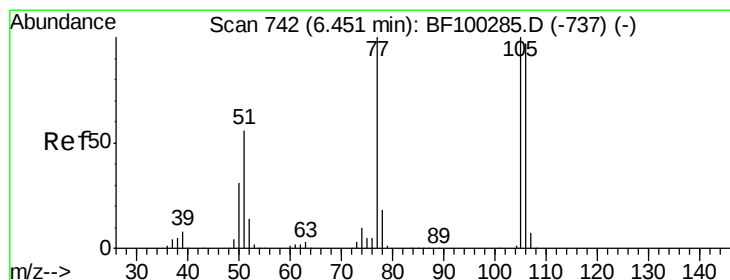
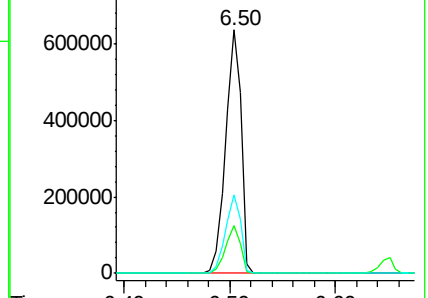
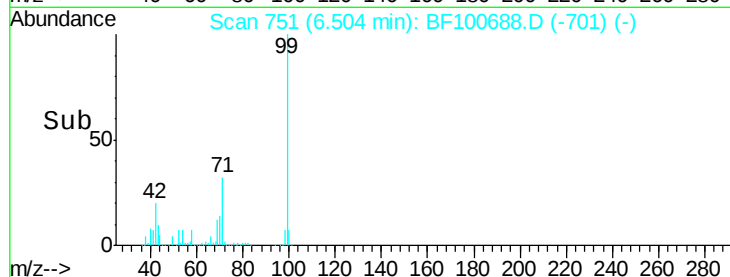
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.01 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF100688.D

Acq: 17 Nov 2017 21:57

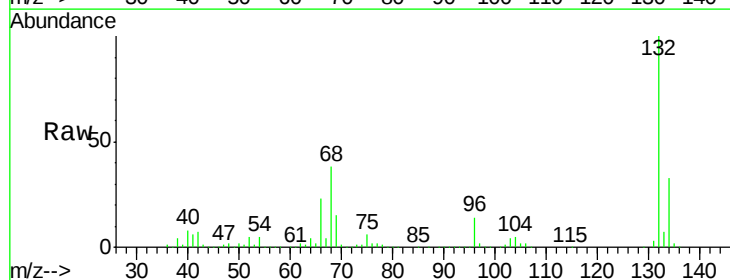
Tgt Ion: 77 Resp: 10829

Ion Ratio Lower Upper

77 100

105 86.2 81.1 121.1

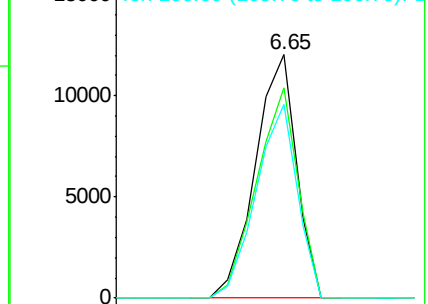
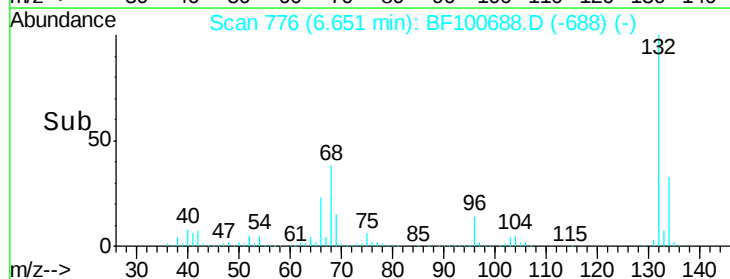
106 79.8 74.5 114.5

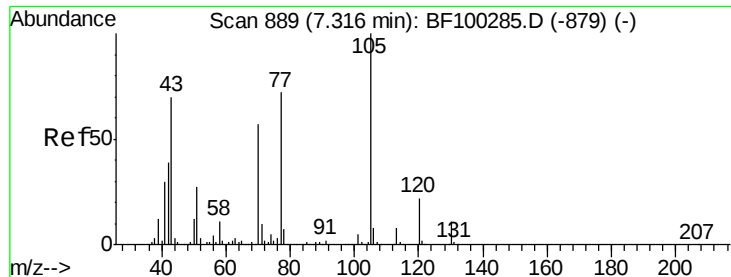


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

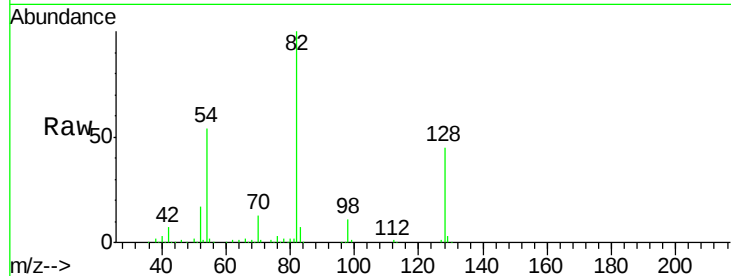




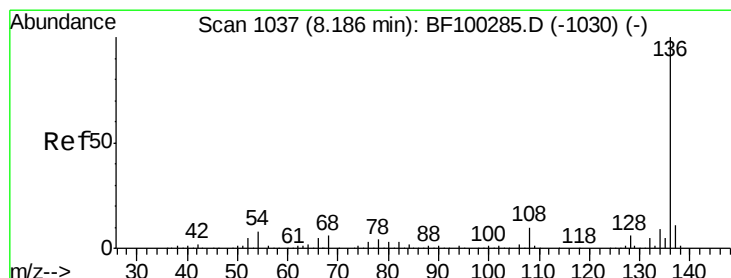
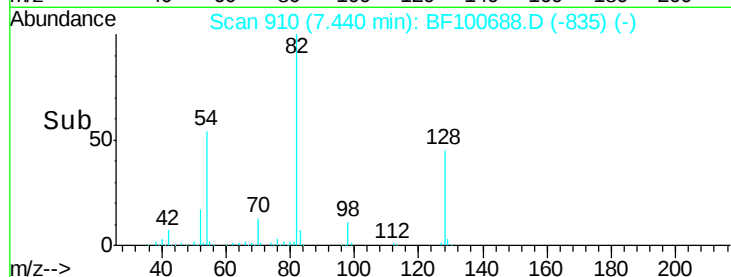
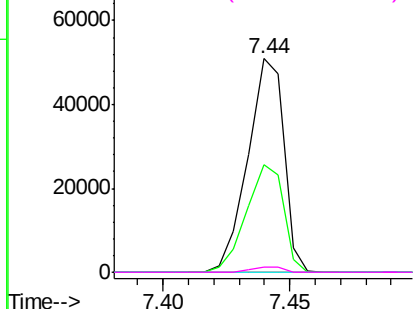
#19
n-Nitroso-di-n-propylamine
Concen: 9.70 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100688.D
Acq: 17 Nov 2017 21:57

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EPE-L-9(5-10)

Tgt Ion: 70 Resp: 50808
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



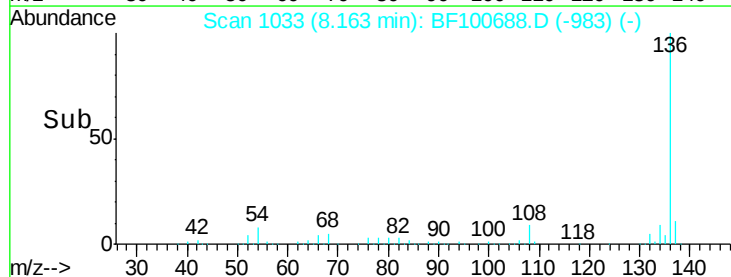
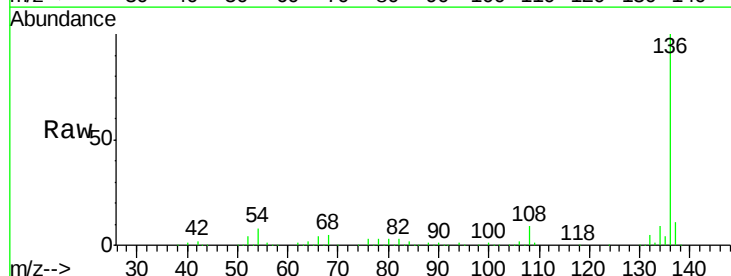
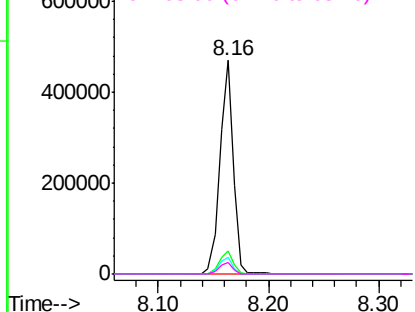
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

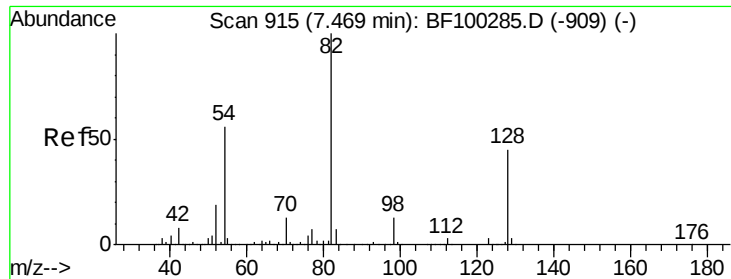


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100688.D
Acq: 17 Nov 2017 21:57

Tgt Ion: 136 Resp: 393739
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.8 6.6 9.8
68 5.4 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

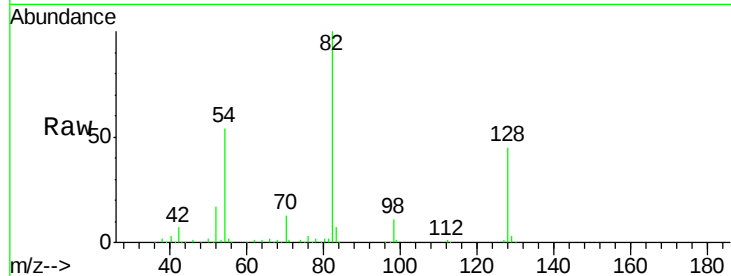




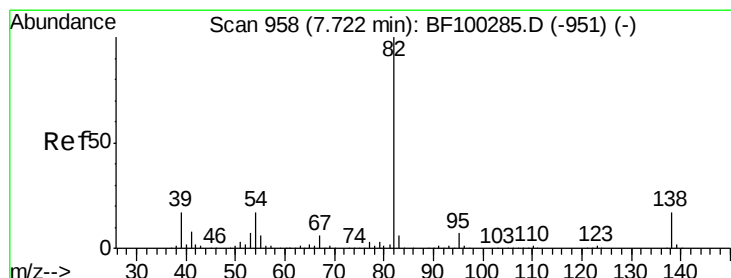
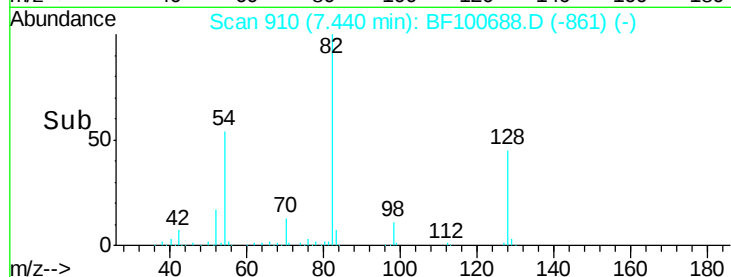
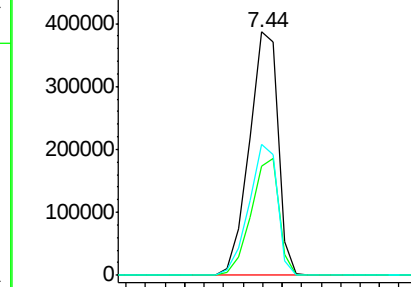
#23
 Nitrobenzene-d5
 Concen: 66.33 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

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 ClientSampleId :
 EPE-L-9(5-10)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	53.8	41.4	62.2

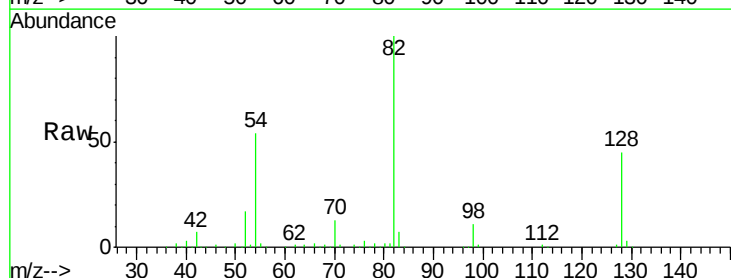


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

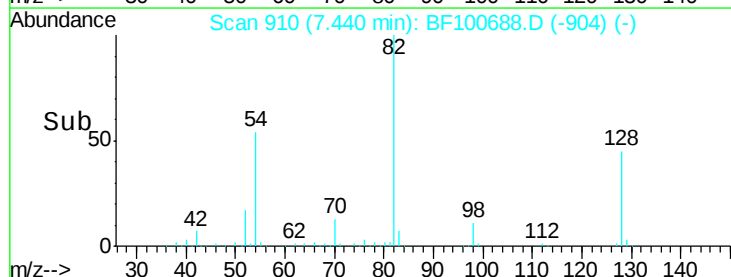
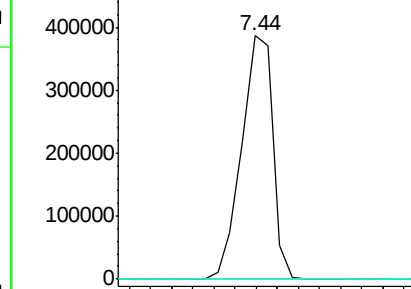


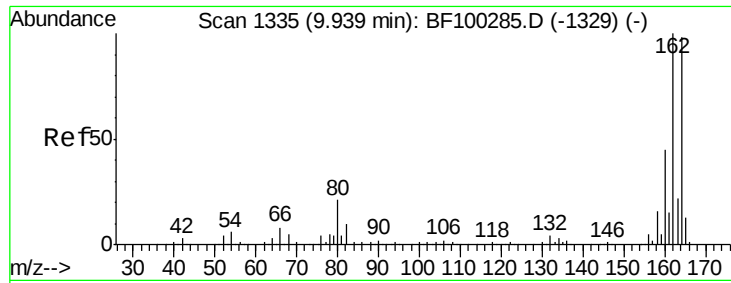
#25
 Isophorone
 Concen: 31.56 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

Tgt 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

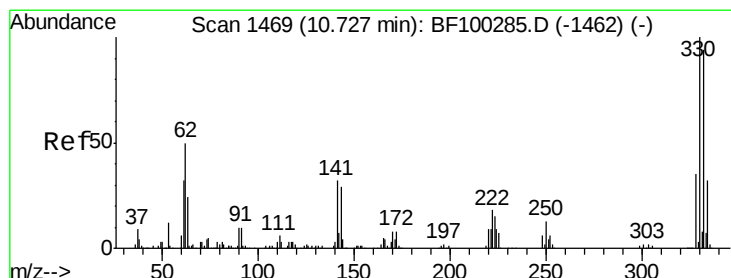
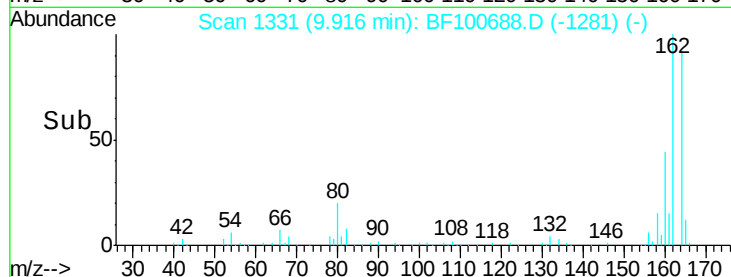
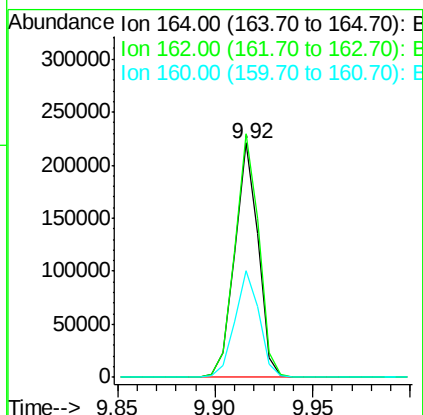
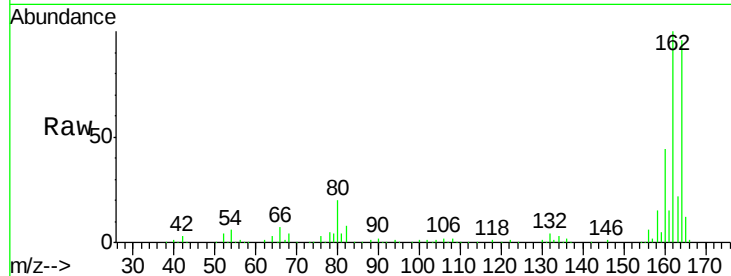




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

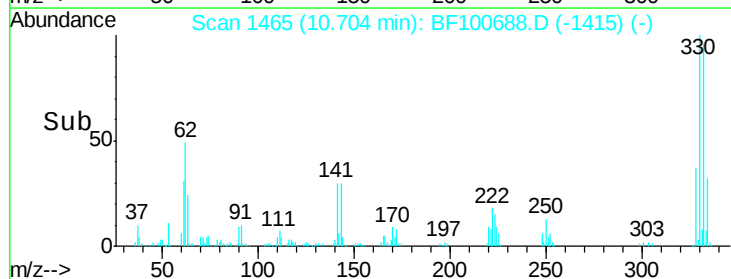
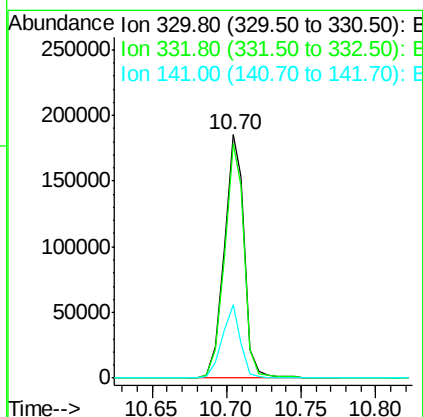
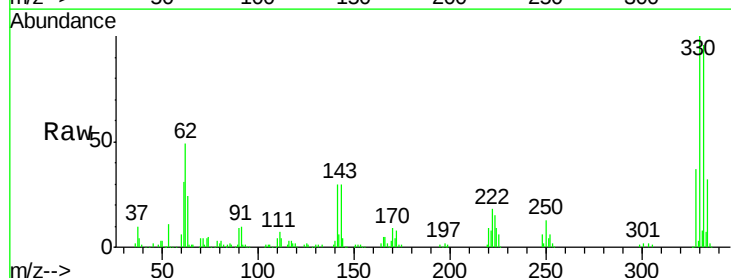
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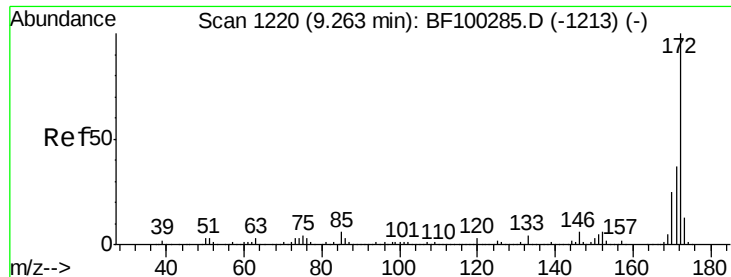
Tgt Ion:164 Resp: 183802
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.60 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

Tgt Ion:330 Resp: 175309
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 27.7 29.9 44.9#

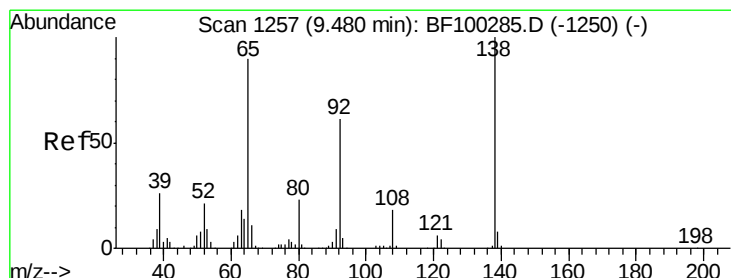
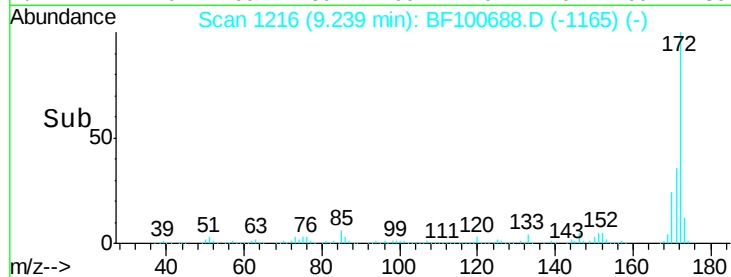
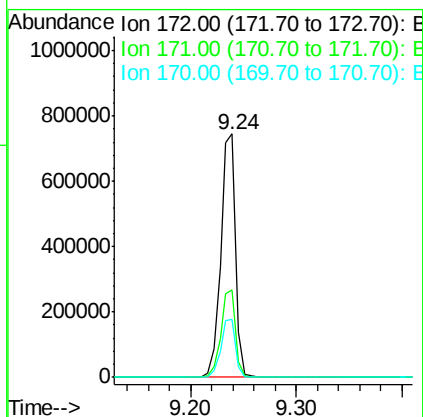
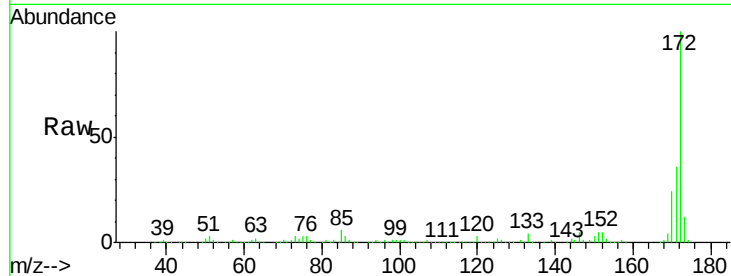




#44
 2-Fluorobiphenyl
 Concen: 60.47 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

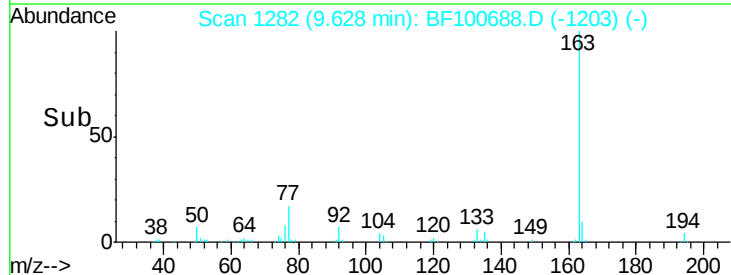
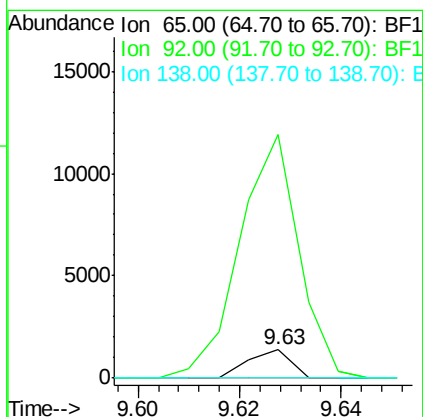
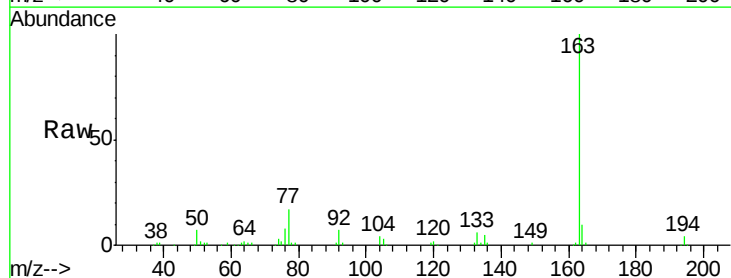
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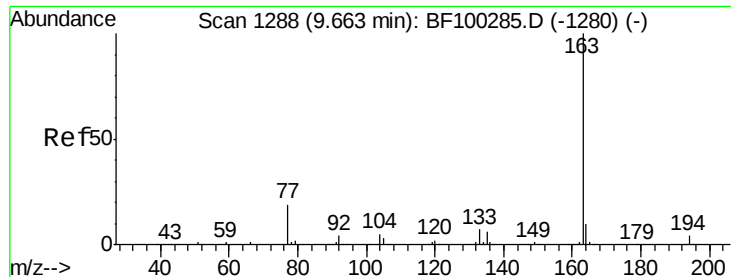
Tgt Ion: 172 Resp: 729921
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.01 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

Tgt Ion: 65 Resp: 805
 Ion Ratio Lower Upper
 65 100
 92 853.3 55.8 83.6#
 138 0.0 91.2 136.8#

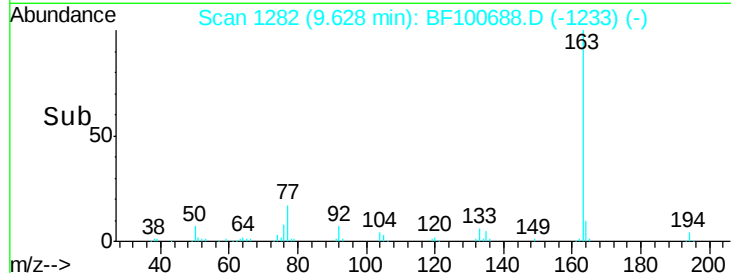
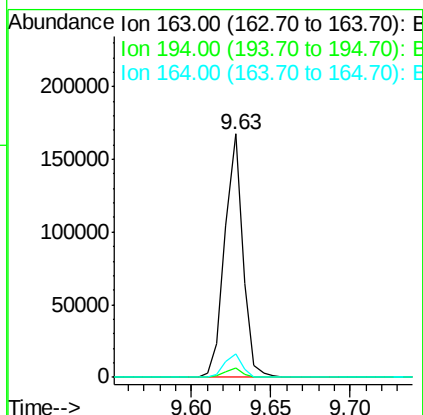
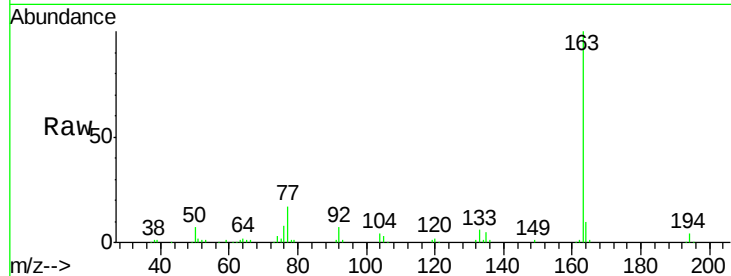




#49
Dimethylphthalate
Concen: 9.47 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100688.D
Acq: 17 Nov 2017 21:57

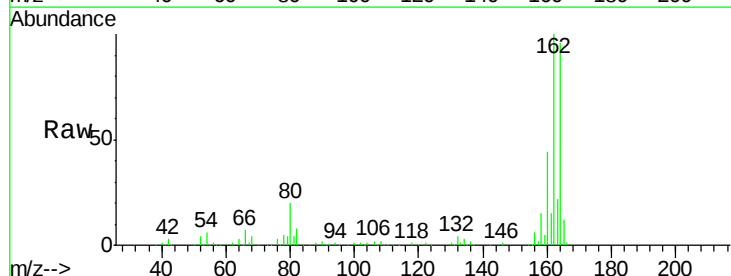
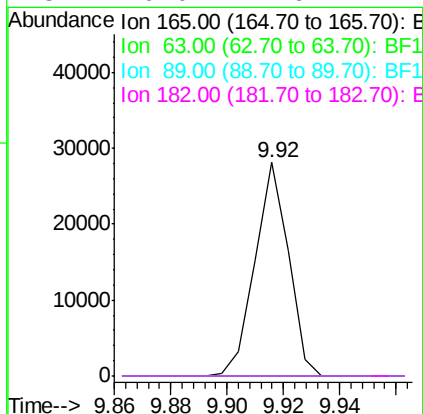
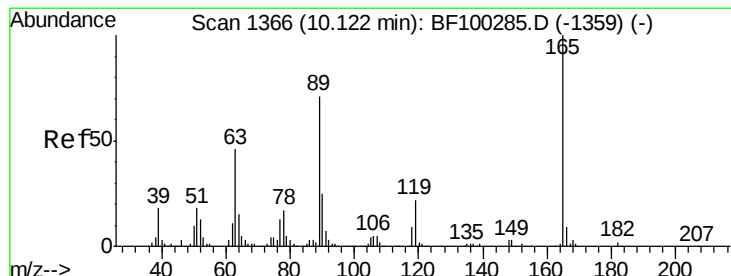
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(5-10)

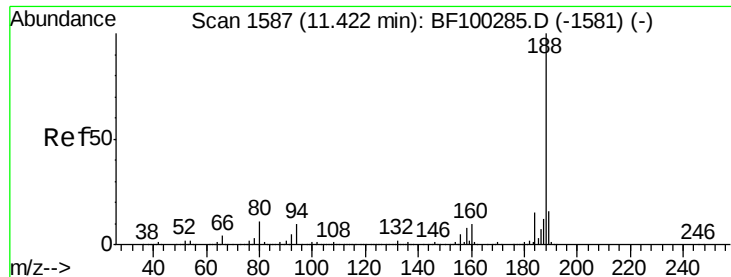
Tgt Ion:163 Resp: 132860
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100688.D
Acq: 17 Nov 2017 21:57

Tgt Ion:165 Resp: 23211
Ion Ratio Lower Upper
165 100
63 0.0 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: BF100688.D

Acq: 17 Nov 2017 21:57

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(5-10)

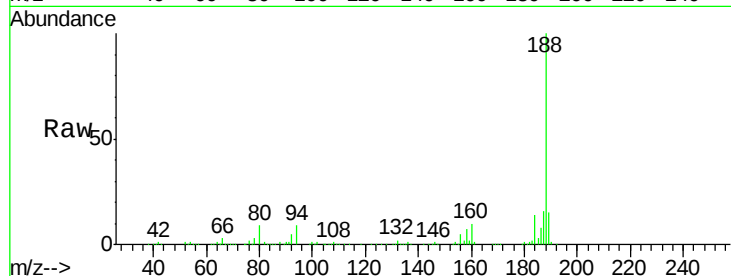
Tgt Ion:188 Resp: 333910

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

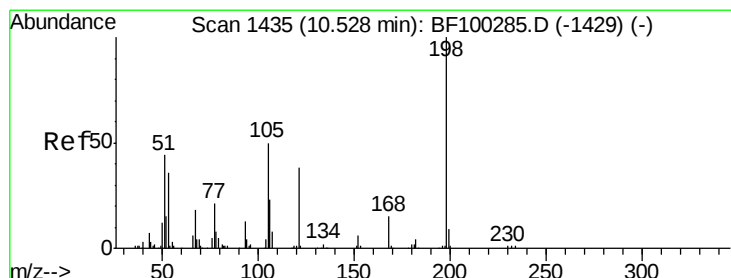
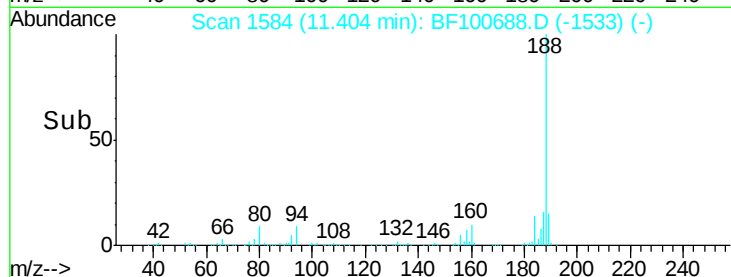
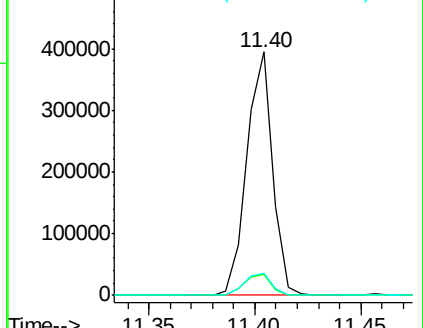
80 9.2 9.2 13.8



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: 8.65 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.19 min

Lab File: BF100688.D

Acq: 17 Nov 2017 21:57

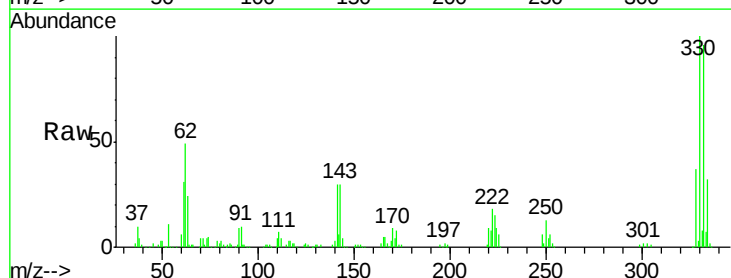
Tgt Ion:198 Resp: 159

Ion Ratio Lower Upper

198 100

51 170.5 37.7 77.7#

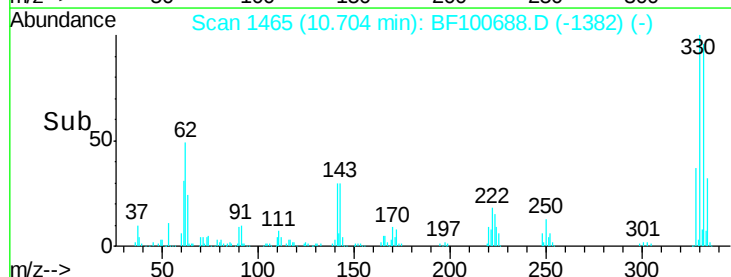
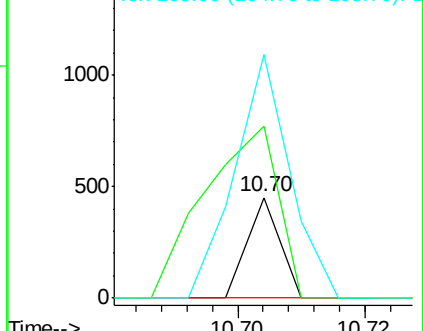
105 242.1 36.3 76.3#

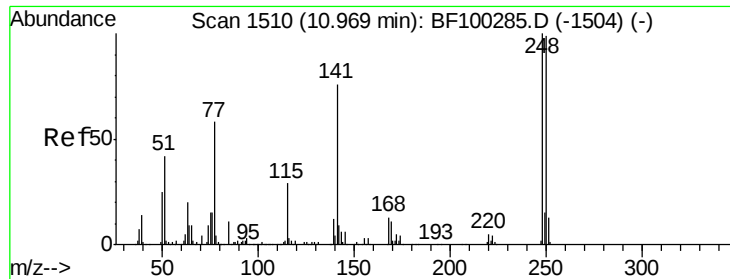


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

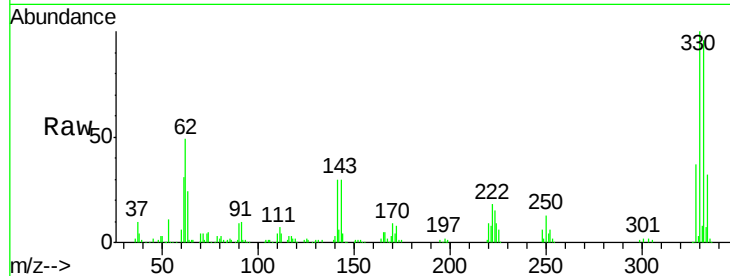




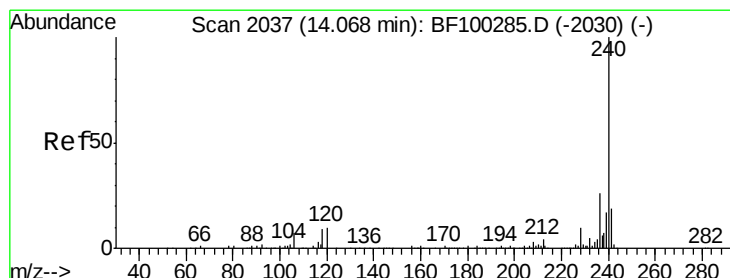
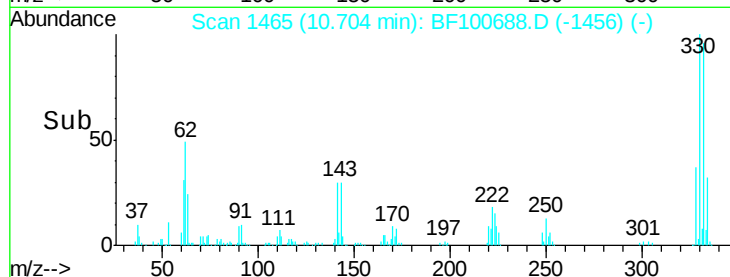
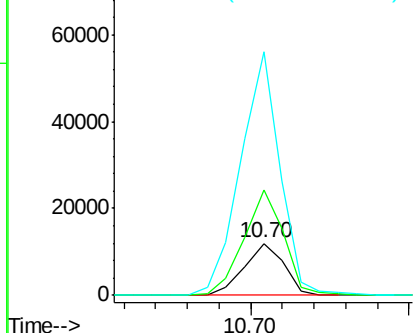
#66
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100688.D
Acq: 17 Nov 2017 21:57

Instrument :
BNA_F
ClientSampleId :
EPE-L-9(5-10)

Tgt Ion:248 Resp: 10376
Ion Ratio Lower Upper
248 100
250 203.0 76.9 115.3#
141 469.3 74.4 111.6#

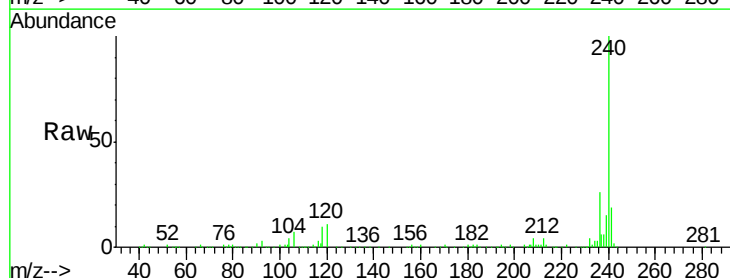


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

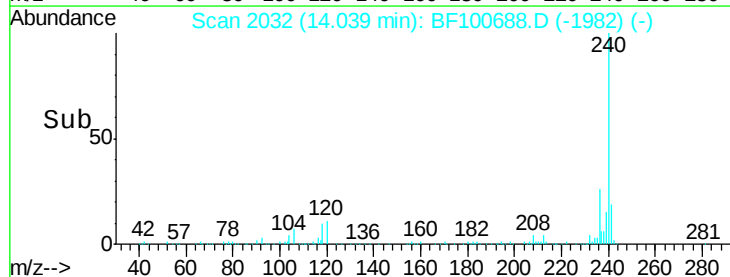
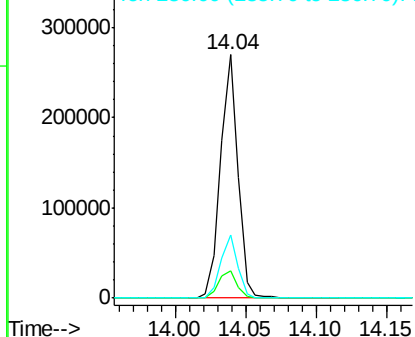


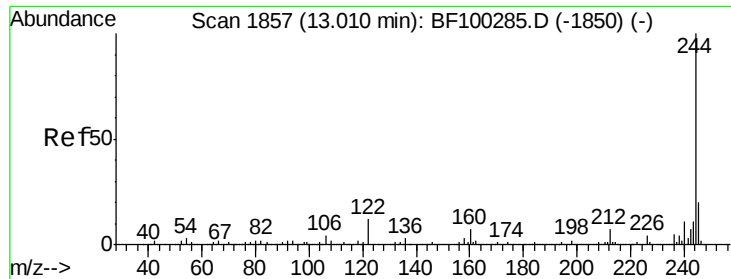
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100688.D
Acq: 17 Nov 2017 21:57

Tgt Ion:240 Resp: 231910
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.7 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

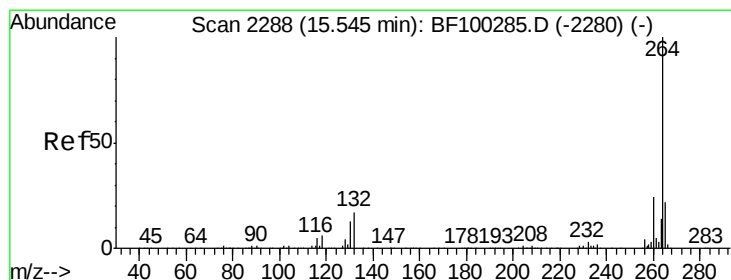
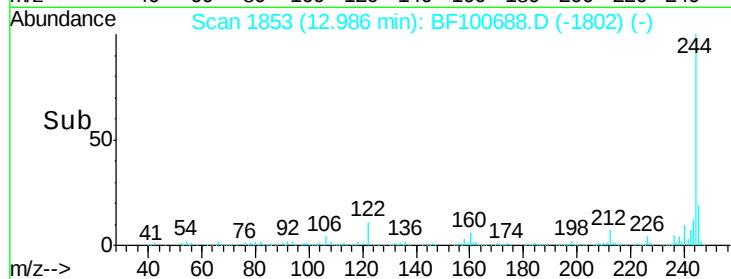
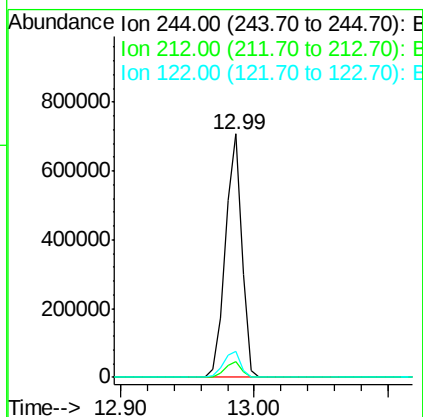
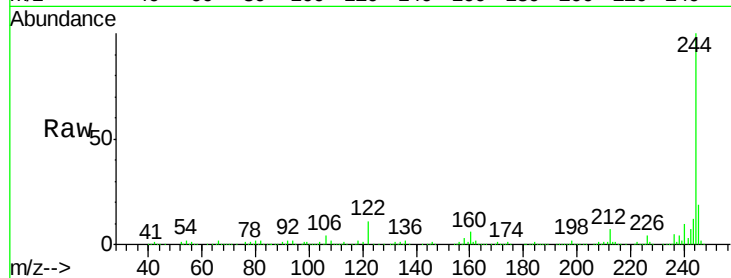




#78
 Terphenyl-d14
 Concen: 60.94 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF100688.D
 Acq: 17 Nov 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(5-10)

Tgt Ion: 244 Resp: 615088
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.6 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: BF100688.D
 Acq: 17 Nov 2017 21:57

Tgt Ion: 264 Resp: 238404
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.0 17.5 26.3

