

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 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 23:45:15 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

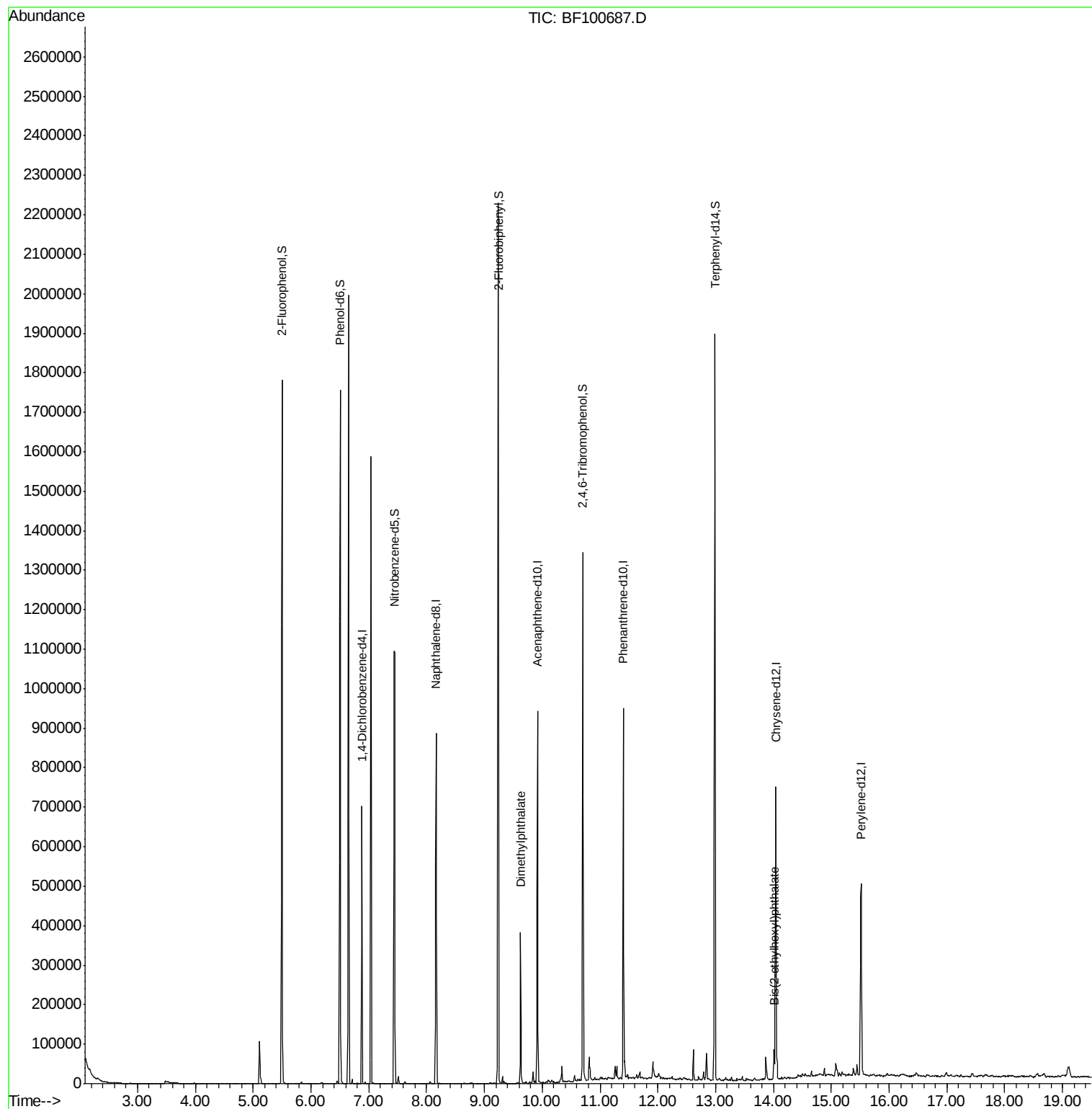
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	96354	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	385797	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	179551	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	331512	20.00	ng	0.00
75) Chrysene-d12	14.04	240	235785	20.00	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						
49) Dimethylphthalate	9.63	163	143932	10.499	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	19615	2.176	ng	100

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

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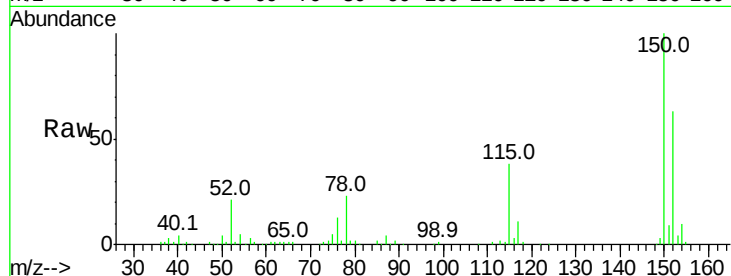


#1

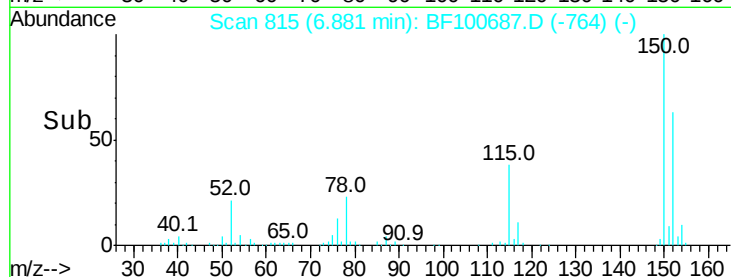
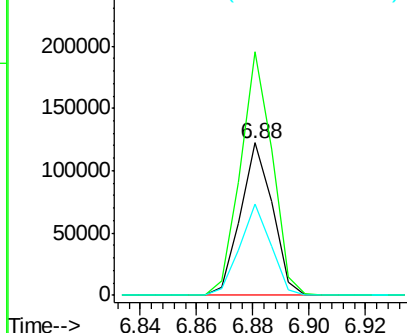
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

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

Tot Ion:152 Resp: 96354
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 59.9 50.1 75.1



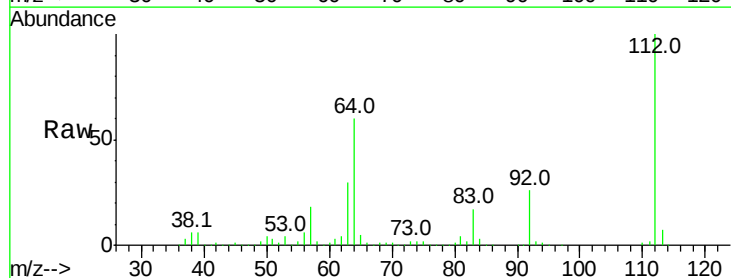
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



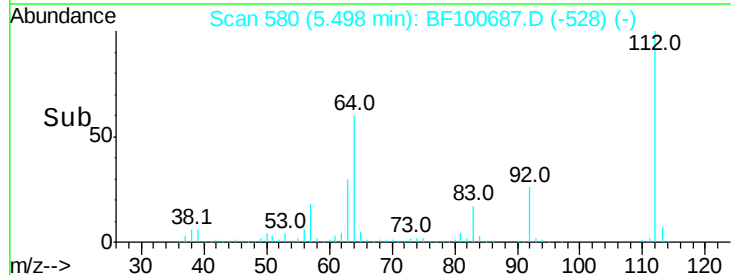
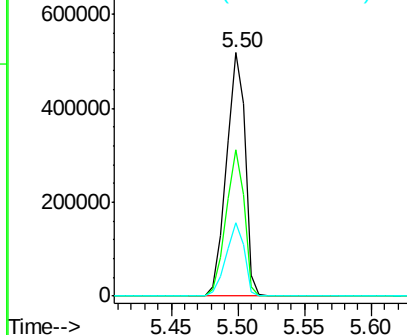
#5

2-Fluorophenol
Concen: 85.972 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: 85.540 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)

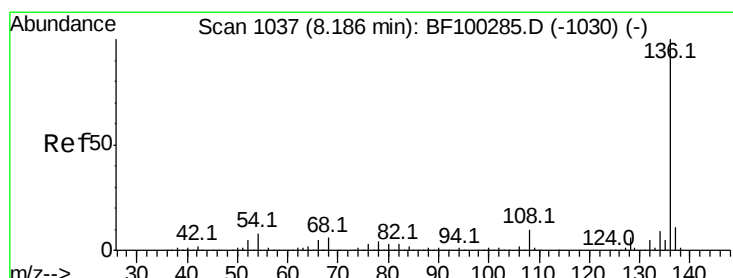
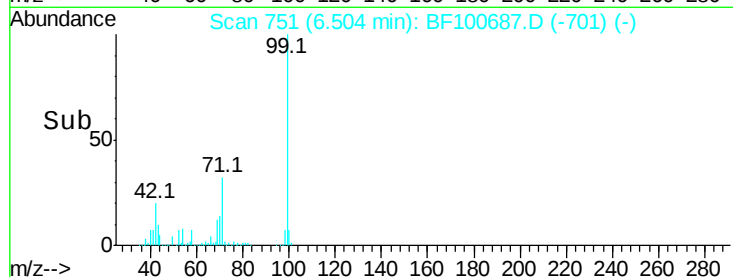
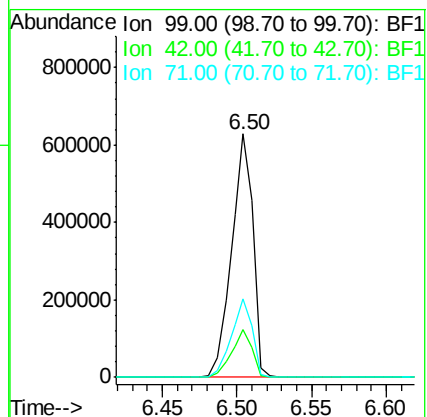
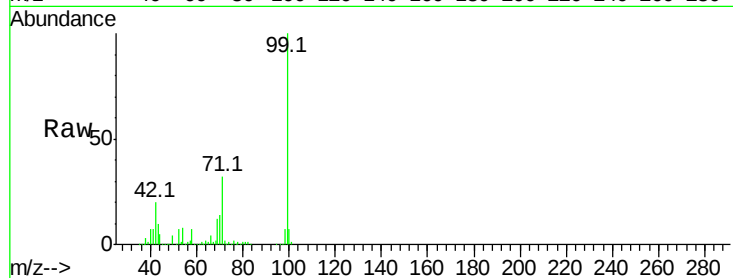
Tot Ion: 99 Resp: 634043

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

Tgt Ion: 136 Resp: 385797

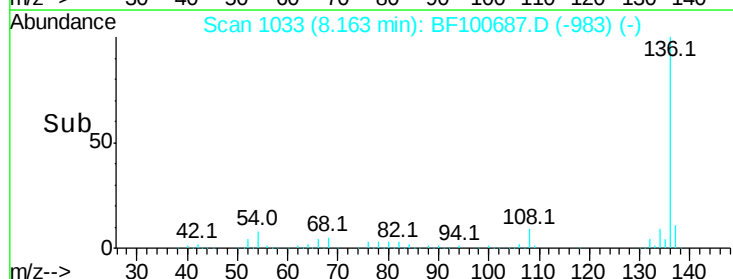
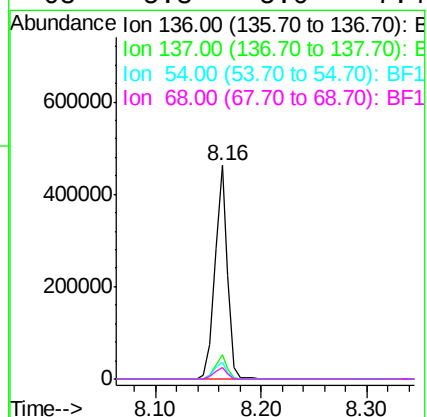
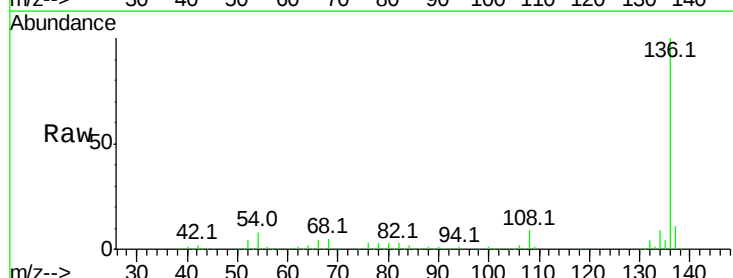
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 5.3 5.0 7.4

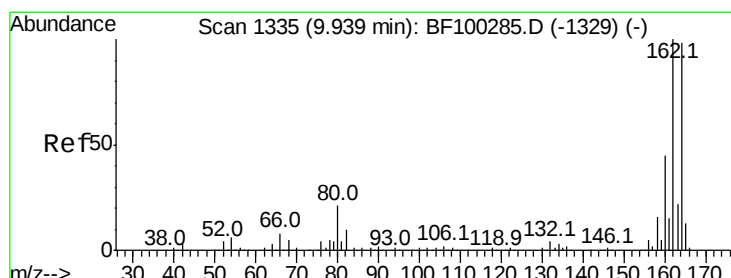
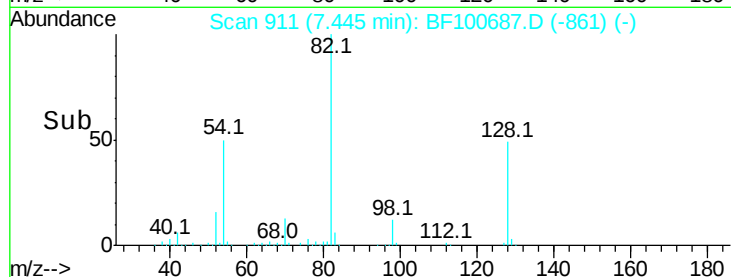
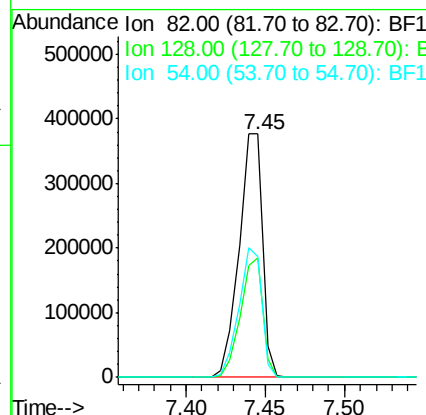
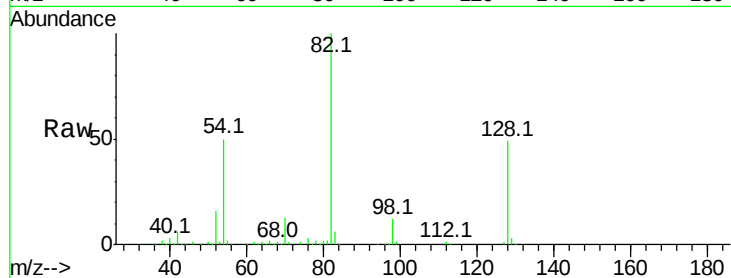




#23
Nitrobenzene-d5
Concen: 66.134 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

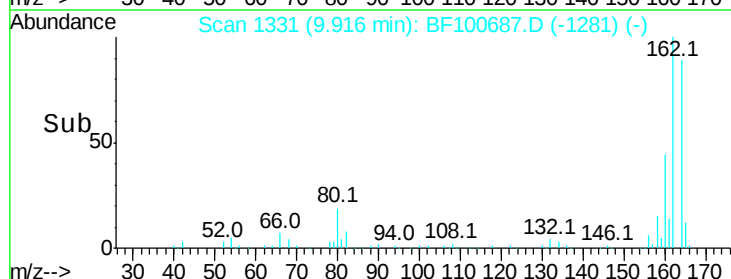
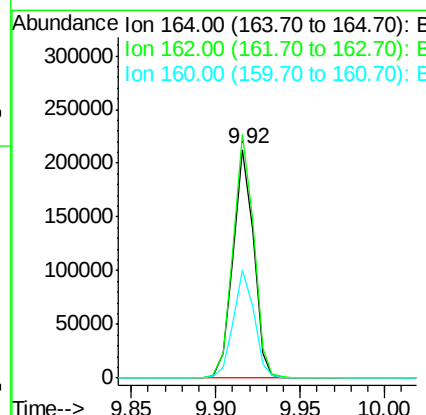
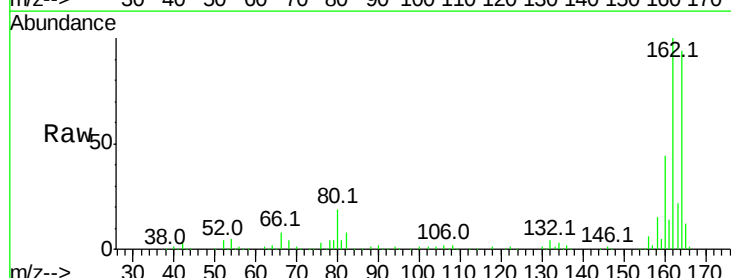
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(0-5)

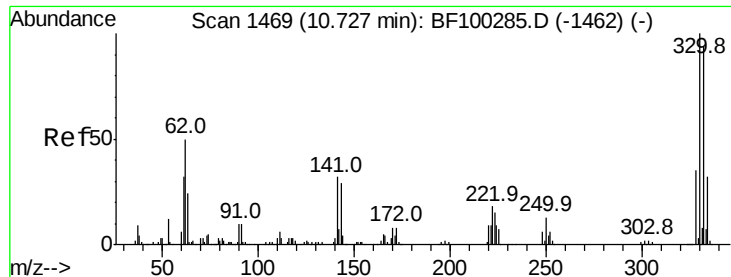
Tot Ion	82	Resp	385920
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	49.5	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 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

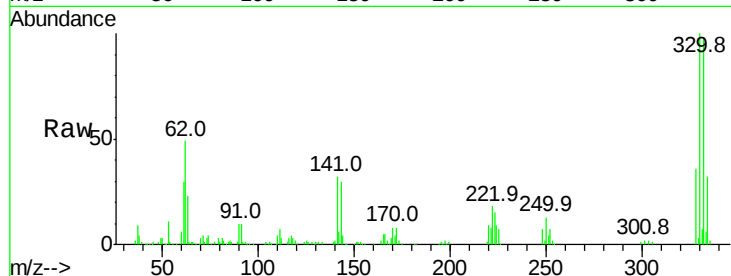




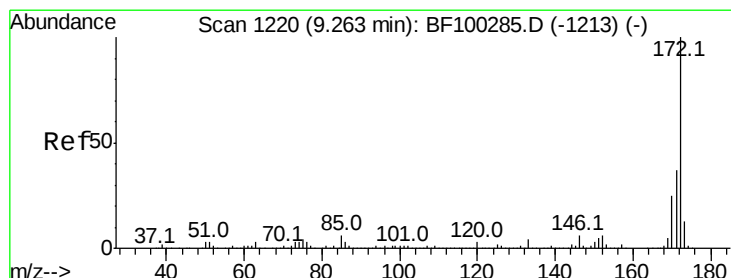
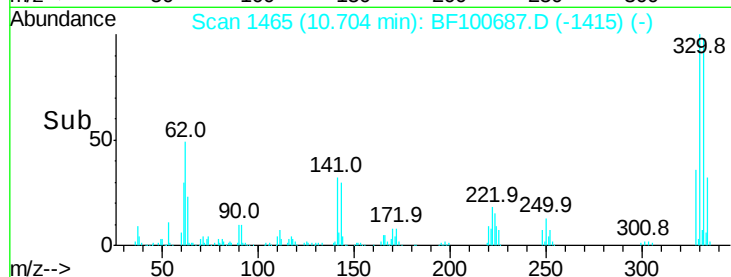
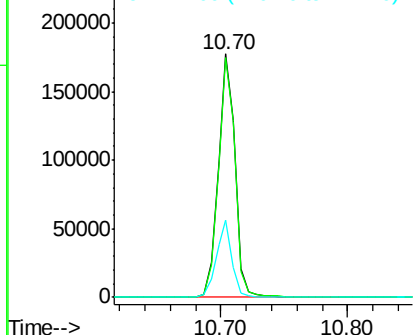
#41
 2,4,6-Tribromophenol
 Concen: 90.054 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.6	29.9	44.9#

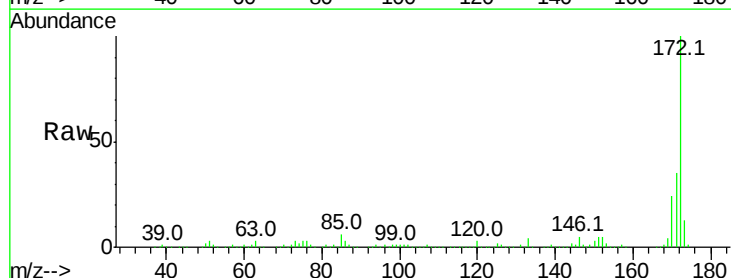


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

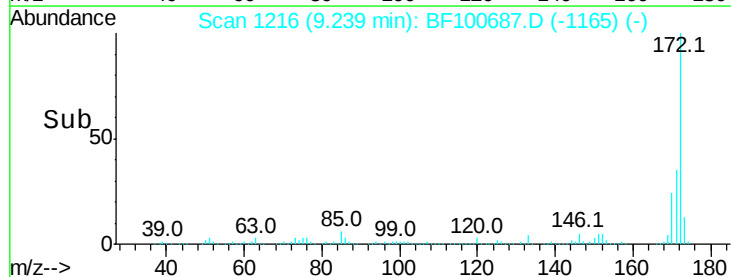
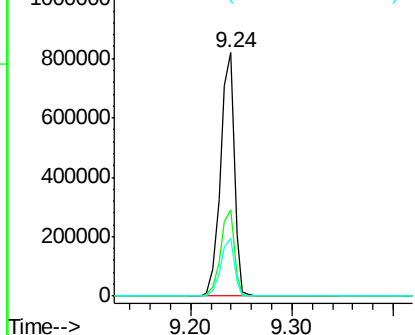


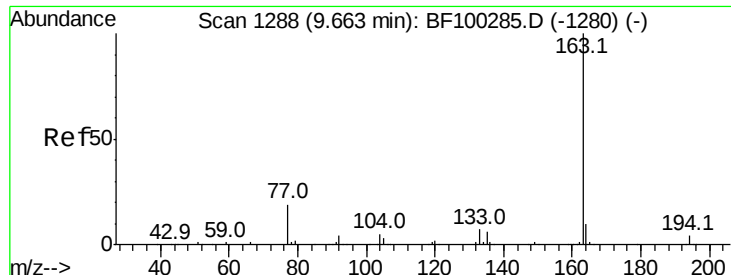
#44
 2-Fluorobiphenyl
 Concen: 65.669 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	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

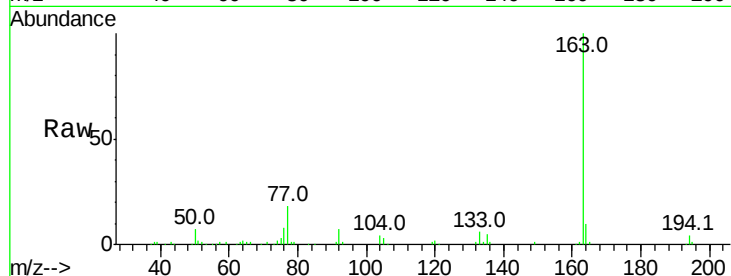




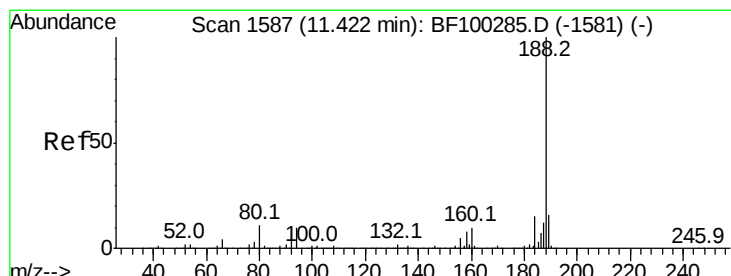
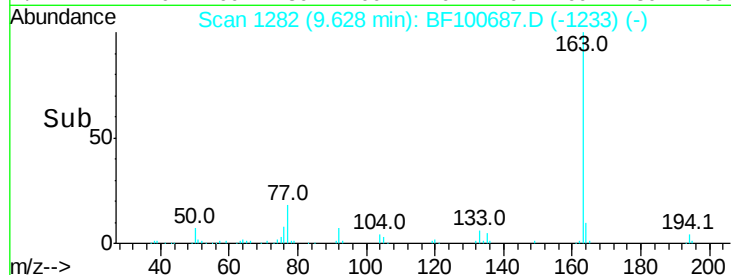
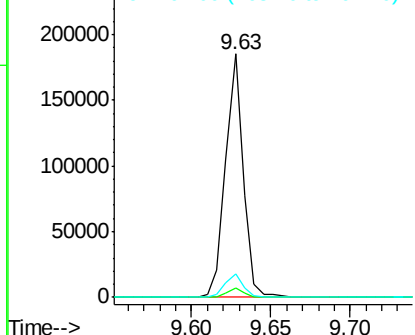
#49
Dimethylphthalate
Concen: 10.499 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

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

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

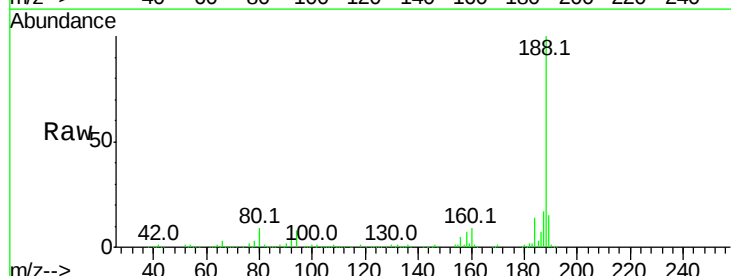


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

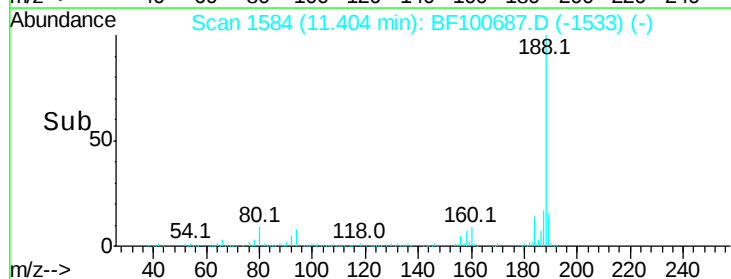
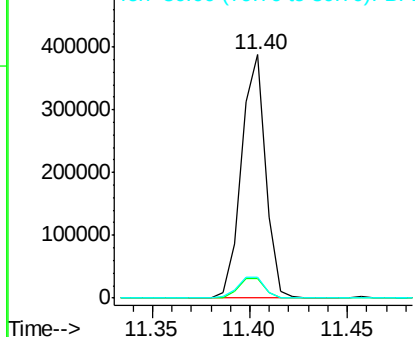


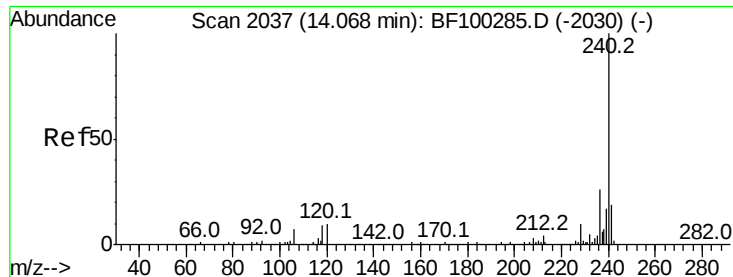
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100687.D
Acq: 17 Nov 2017 21:30

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#



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





#75

Chrysene-d12

Concen: 20.000 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)

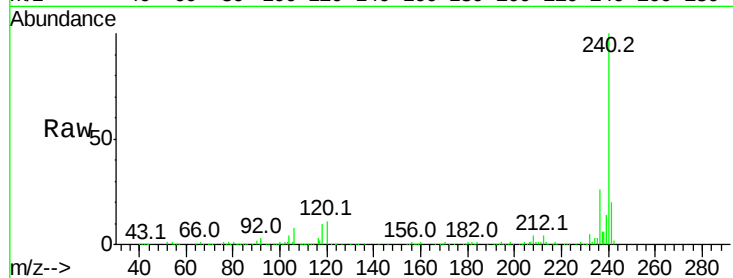
Tot Ion:240 Resp: 235785

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

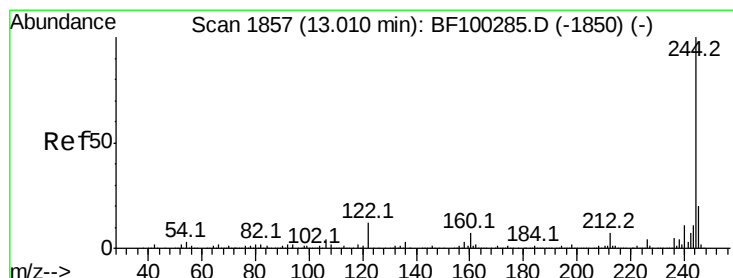
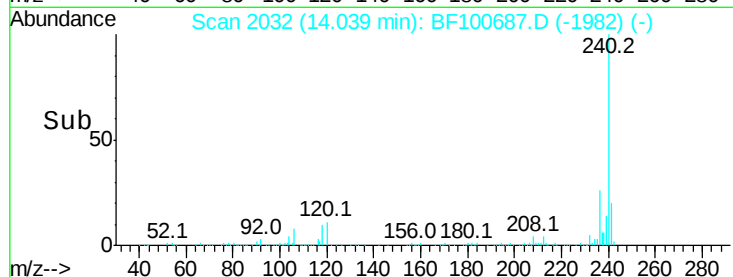
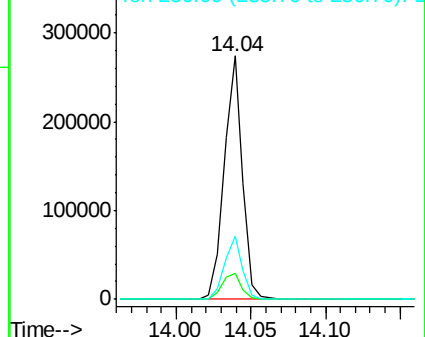
236 25.8 20.7 31.1



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: 62.559 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100687.D

Acq: 17 Nov 2017 21:30

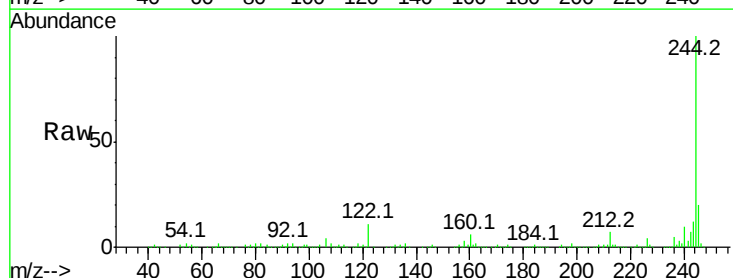
Tgt Ion:244 Resp: 641960

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

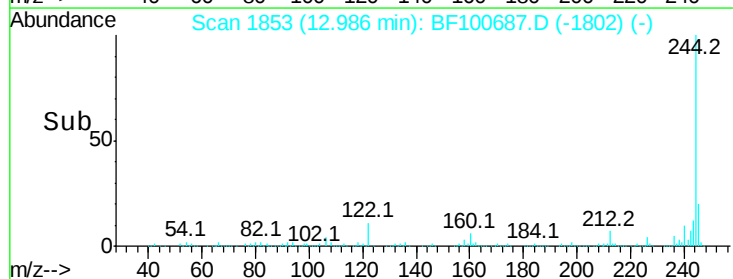
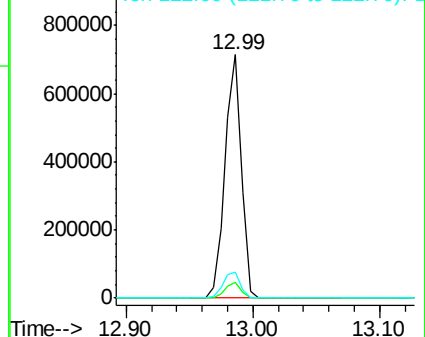
122 10.6 11.0 16.4#

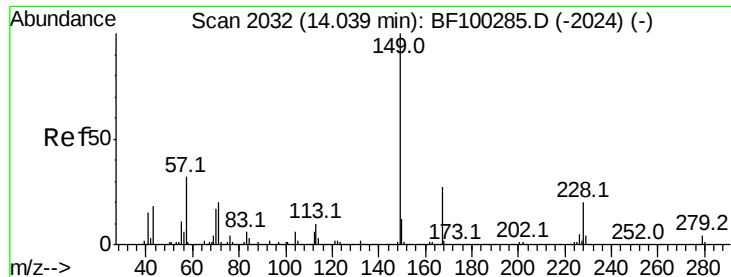


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

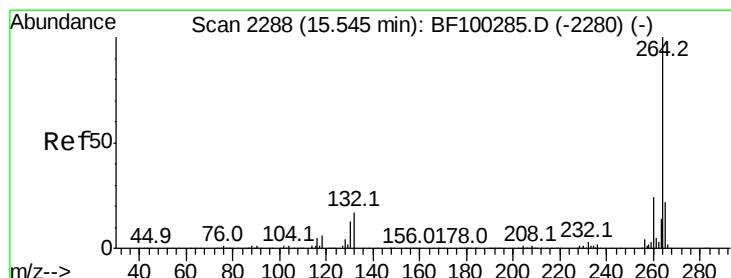
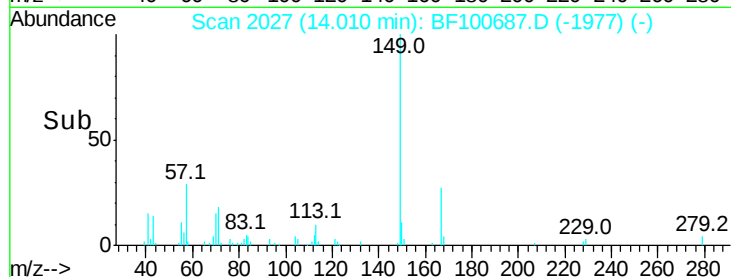
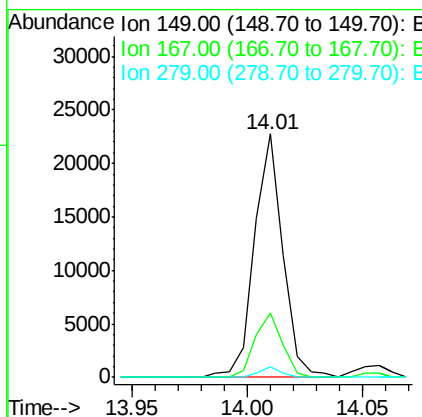
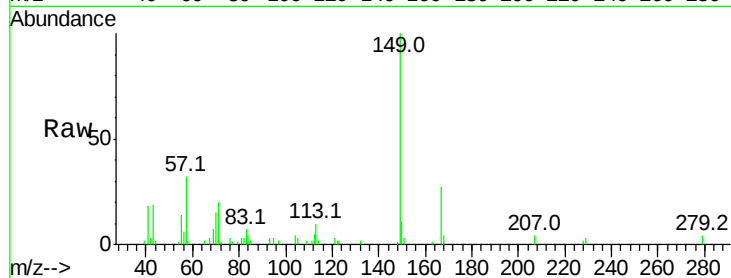




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.176 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100687.D
 Acq: 17 Nov 2017 21:30

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	4.4	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 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	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.4	17.5	26.3

