

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100673.D
 Acq On : 17 Nov 2017 13:57
 Operator : SJ/JU
 Sample : I6448-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(35-37)

Quant Time: Nov 17 16:48:21 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

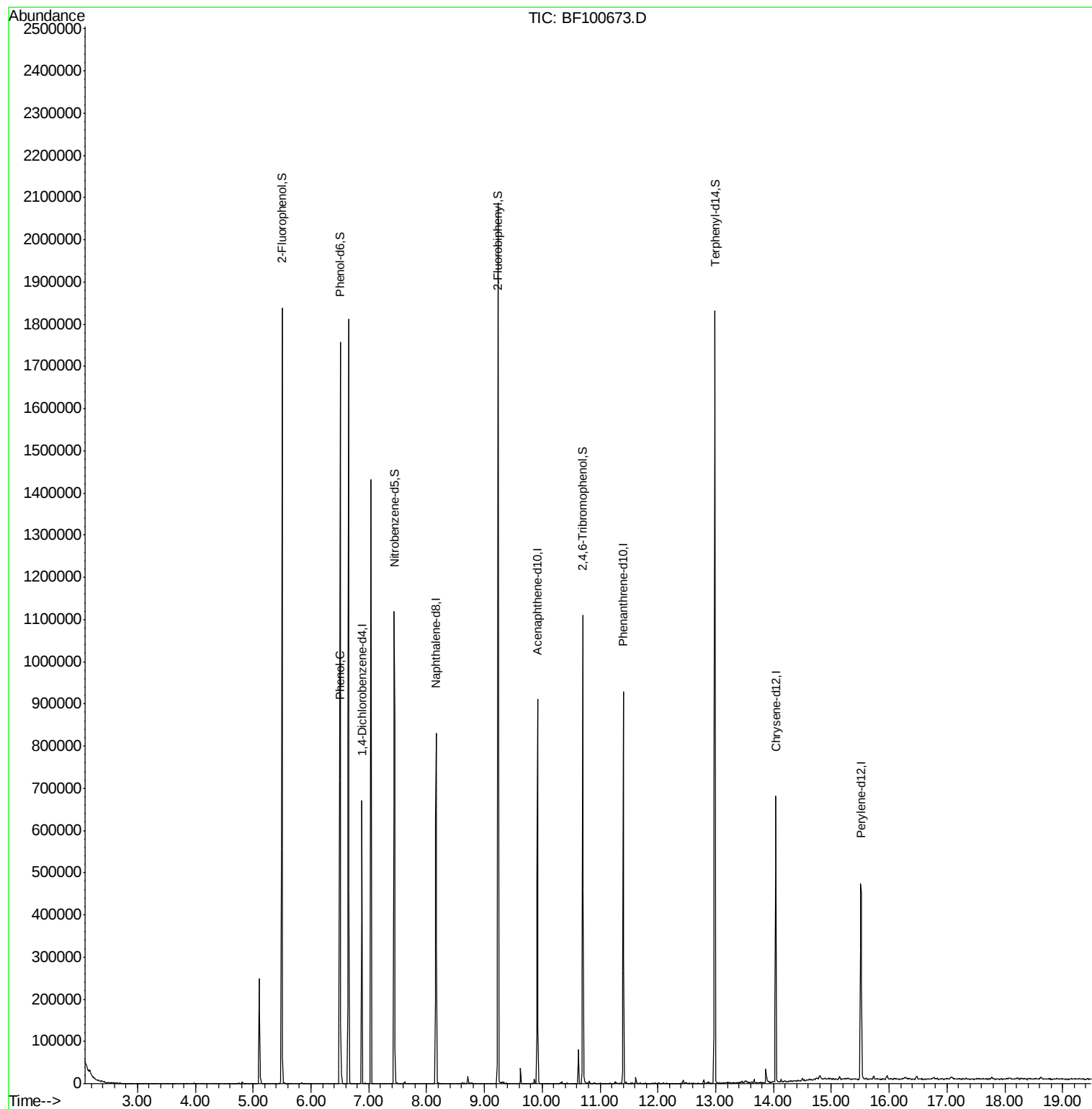
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93424	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	379431	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	179037	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345114	20.00	ng	0.00
75) Chrysene-d12	14.04	240	224749	20.00	ng	0.00
86) Perylene-d12	15.51	264	231143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	503637	86.42	ng	0.00
7) Phenol-d6	6.50	99	617366	85.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	369841	64.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	137413	75.32	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	738403	62.80	ng	0.00
78) Terphenyl-d14	12.99	244	614190	62.79	ng	0.00
Target Compounds						
10) Phenol	6.52	94	26475	3.509	ng	Qvalue 96

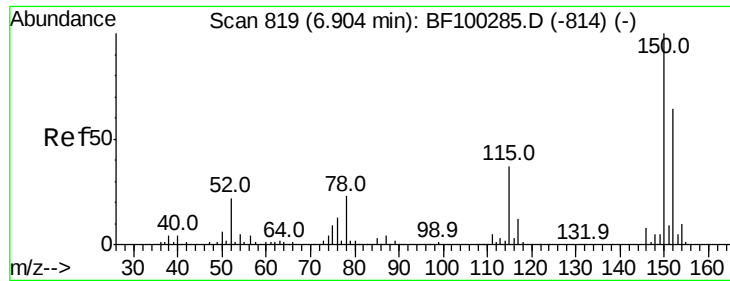
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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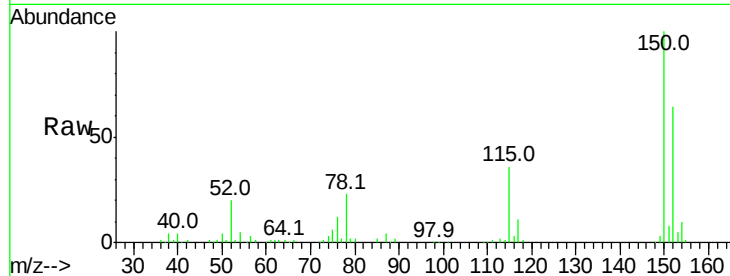


#1

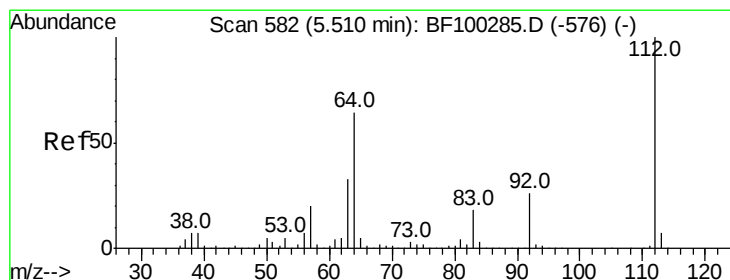
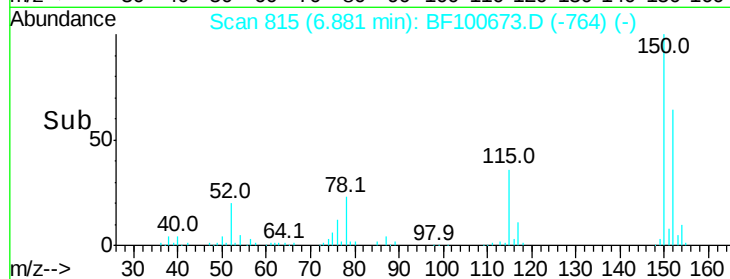
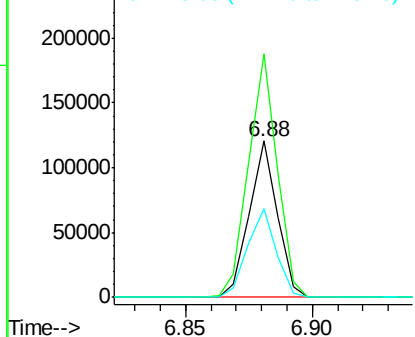
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(35-37)

Tot Ion:152 Resp: 93424
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 56.7 50.1 75.1



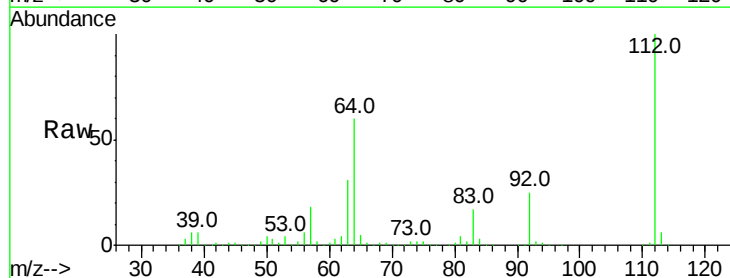
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



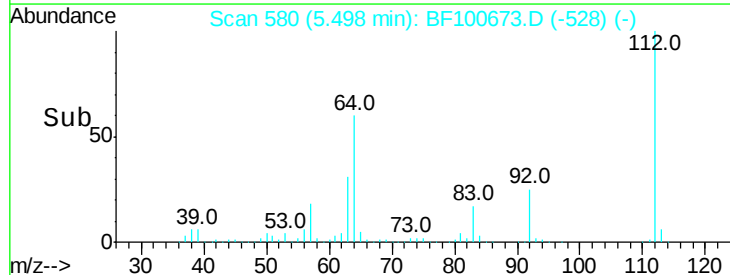
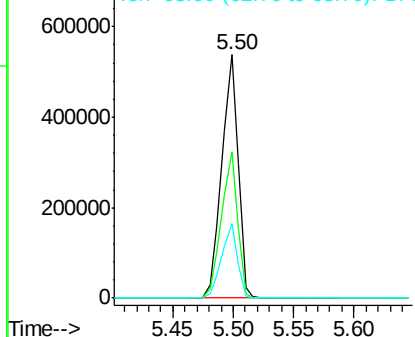
#5

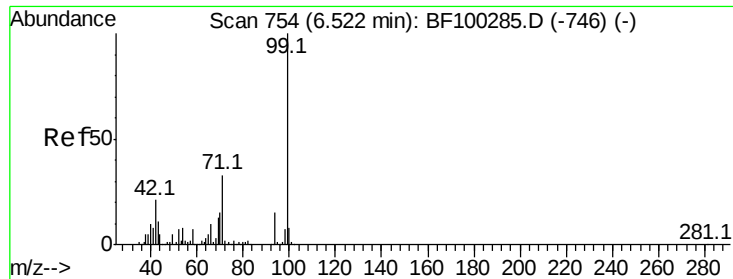
2-Fluorophenol
Concen: 86.415 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Tgt Ion:112 Resp: 503637
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.5 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: 85.902 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100673.D

Acq: 17 Nov 2017 13:57

Instrument :

BNA_F

ClientSampleId :

EPE-120-2(35-37)

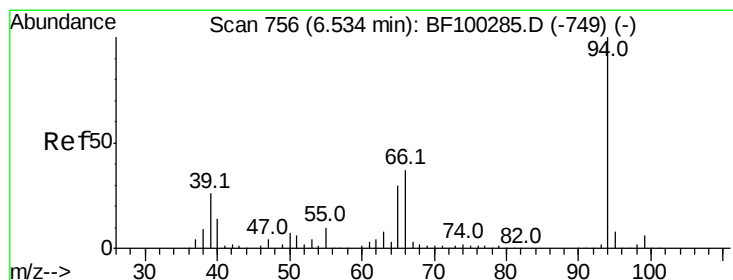
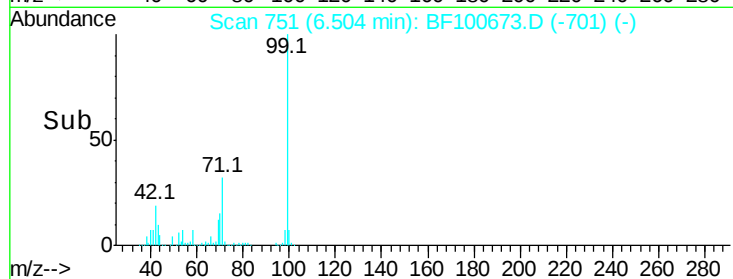
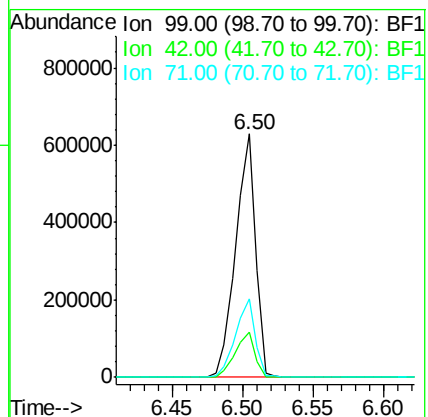
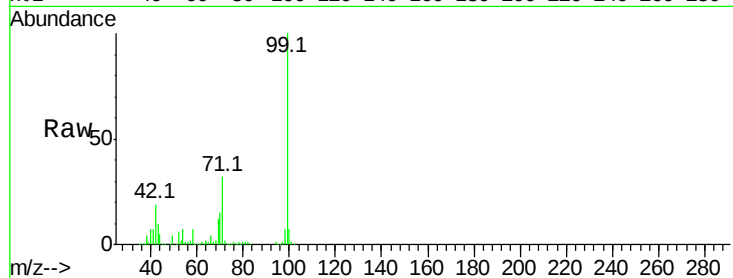
Tot Ion: 99 Resp: 617366

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 3.509 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100673.D

Acq: 17 Nov 2017 13:57

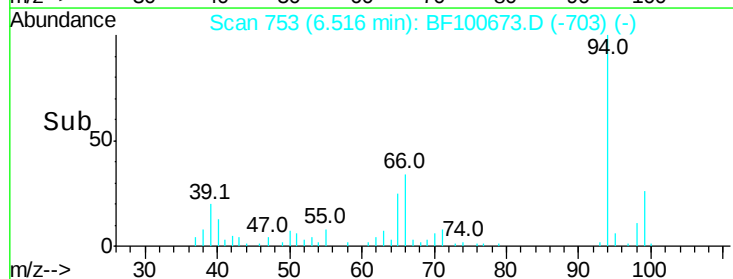
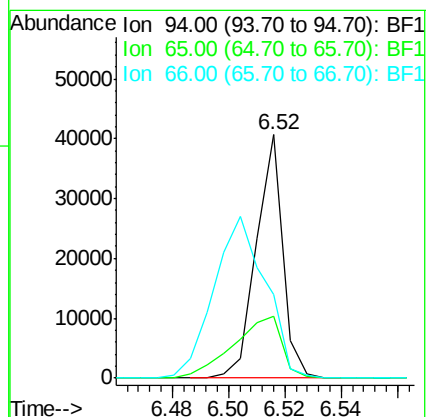
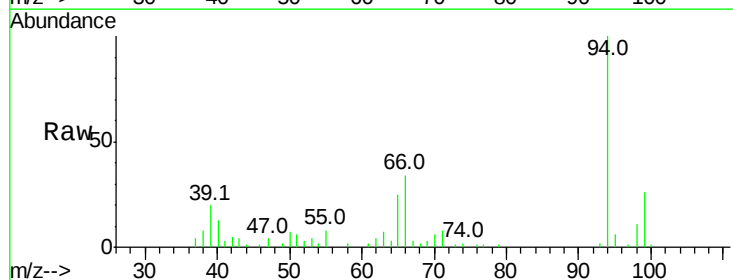
Tgt Ion: 94 Resp: 26475

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

66 34.4 16.2 56.2

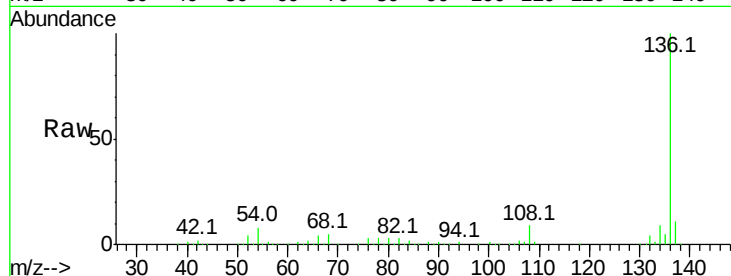




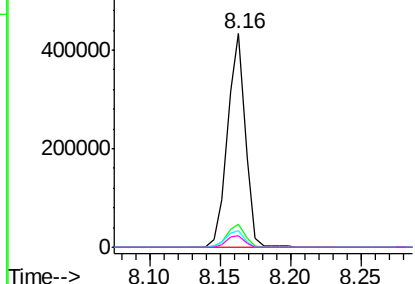
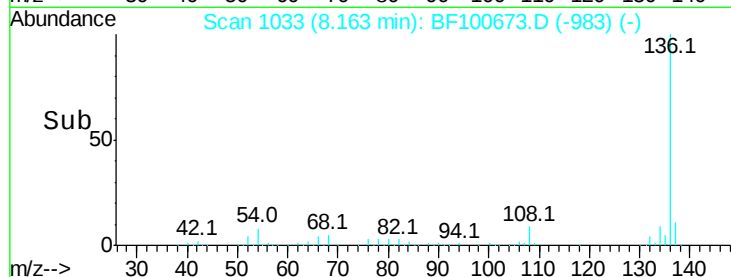
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(35-37)

Tot Ion:136	Resp:	379431
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.7	6.6 9.8
68	5.5	5.0 7.4

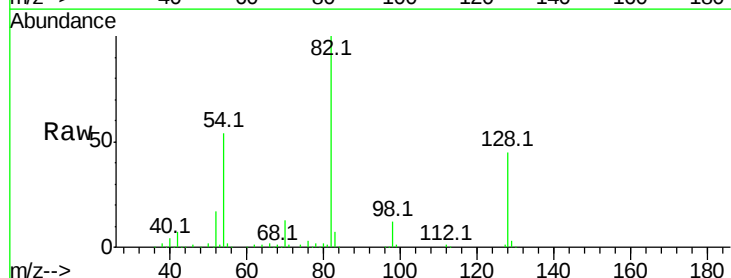


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

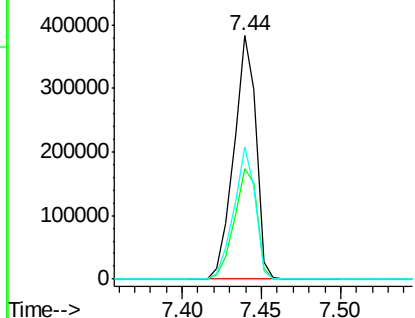
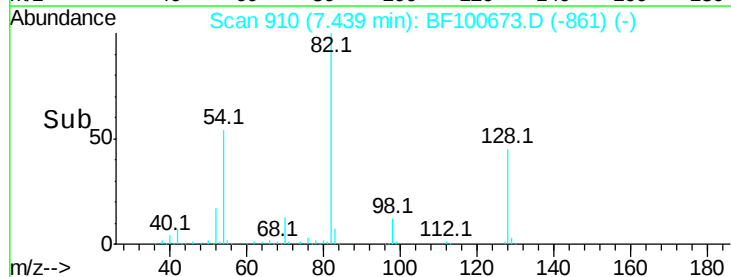


#23
Nitrobenzene-d5
Concen: 64.442 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Tgt Ion: 82	Resp:	369841
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	54.3	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

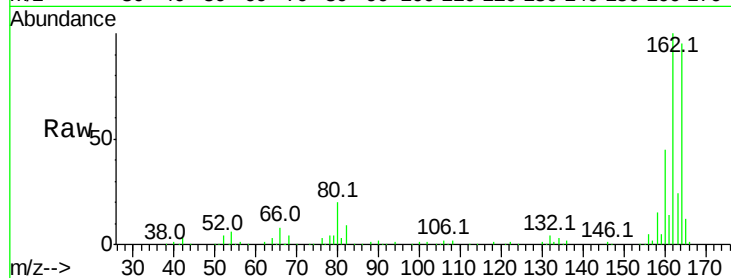




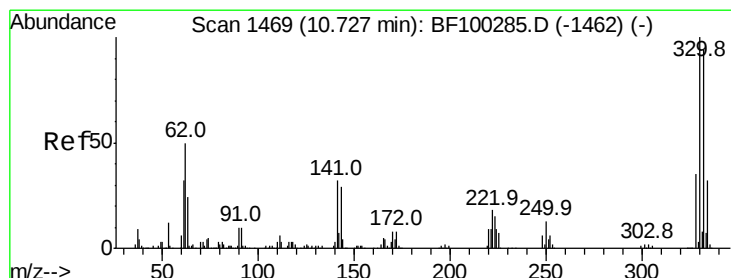
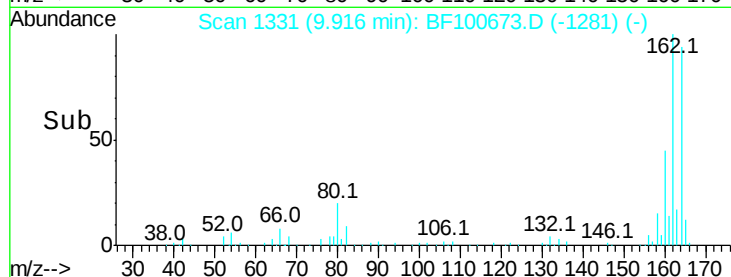
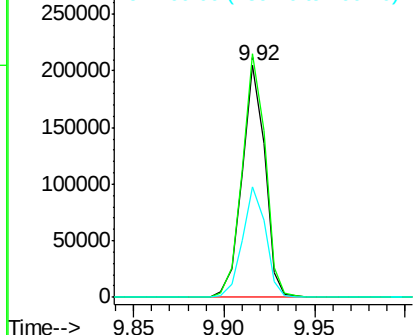
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(35-37)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.6	38.3	57.5

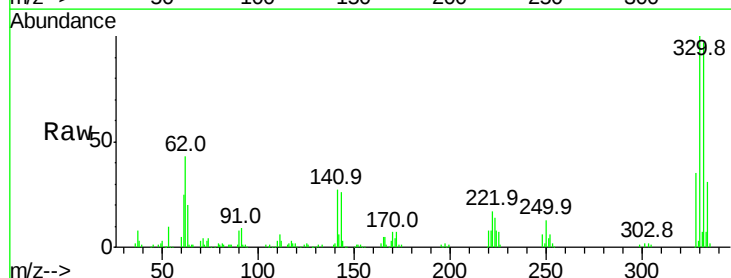


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

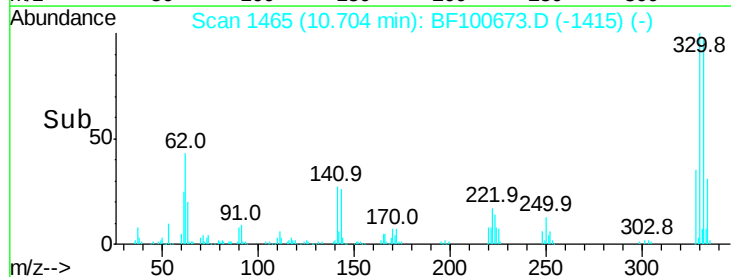
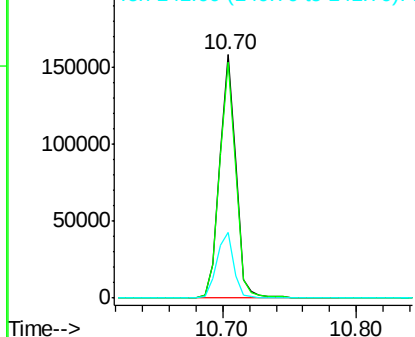


#41
2,4,6-Tribromophenol
Concen: 75.320 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.0	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

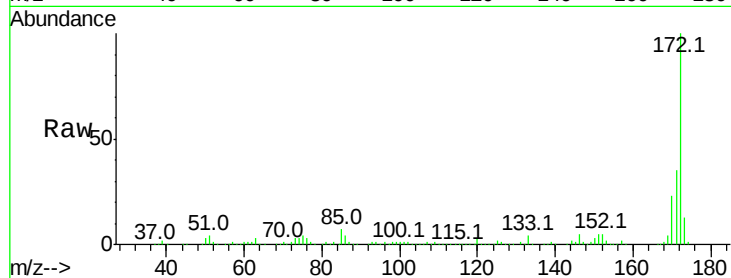




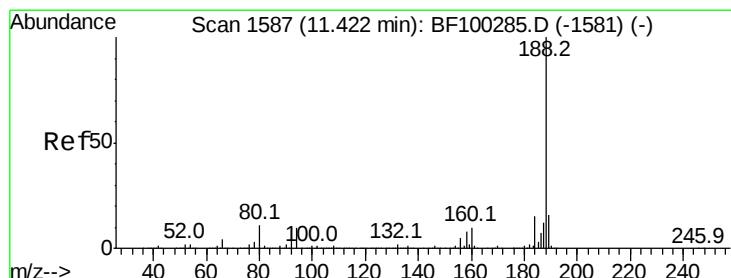
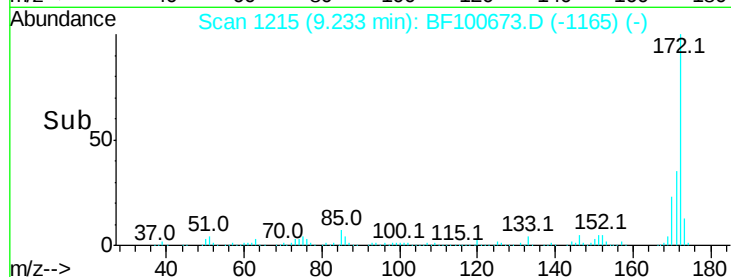
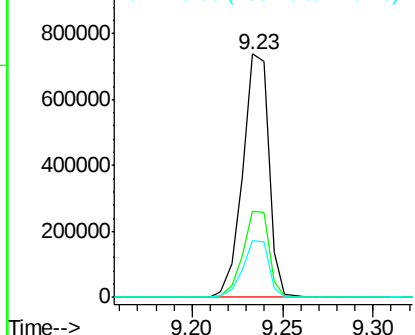
#44
 2-Fluorobiphenyl
 Concen: 62.801 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100673.D
 Acq: 17 Nov 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(35-37)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	19.6	29.4

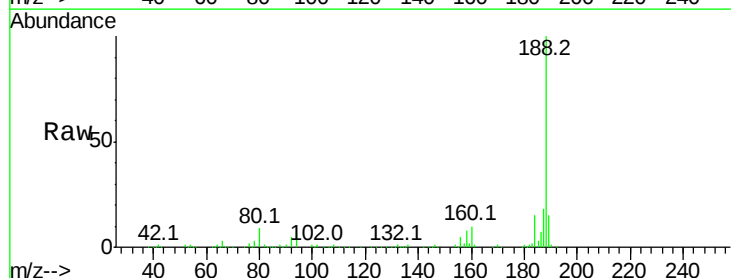


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

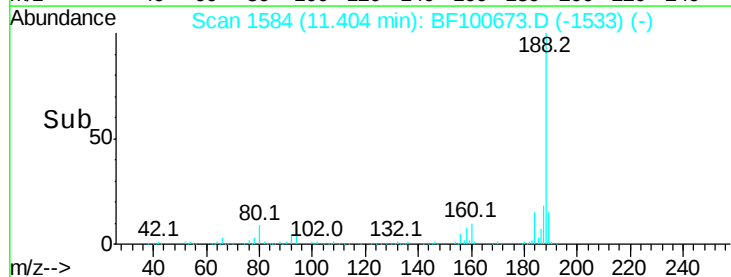
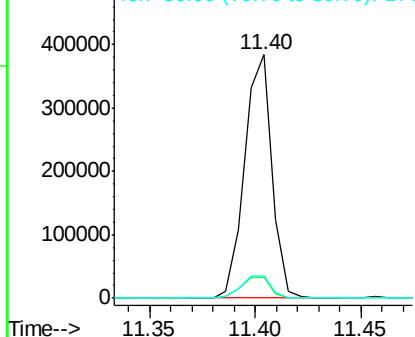


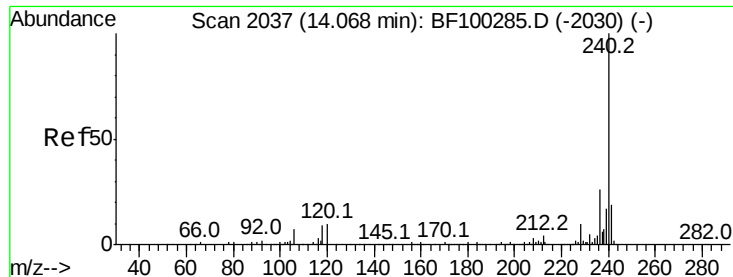
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100673.D
 Acq: 17 Nov 2017 13:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.9	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: BF100673.D

Acq: 17 Nov 2017 13:57

Instrument :

BNA_F

ClientSampleId :

EPE-120-2(35-37)

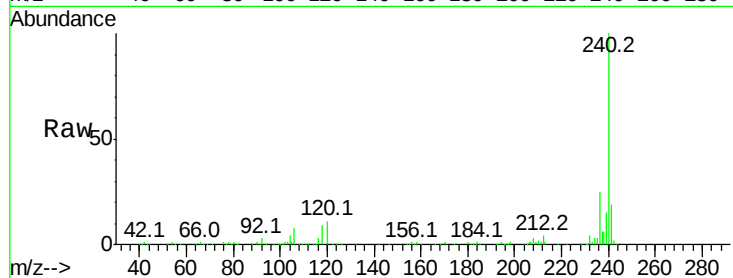
Tot Ion:240 Resp: 224749

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

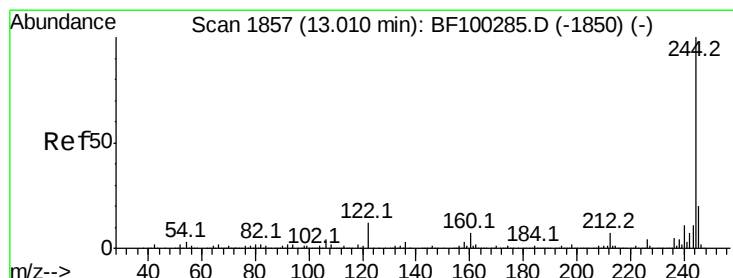
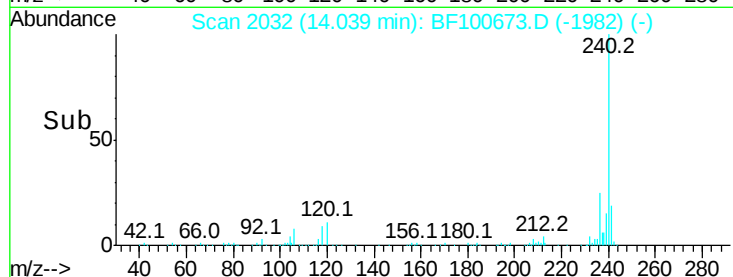
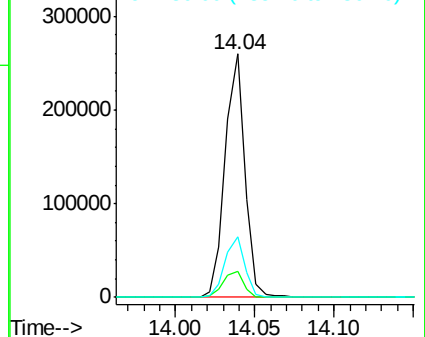
236 25.0 20.7 31.1



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: 62.791 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100673.D

Acq: 17 Nov 2017 13:57

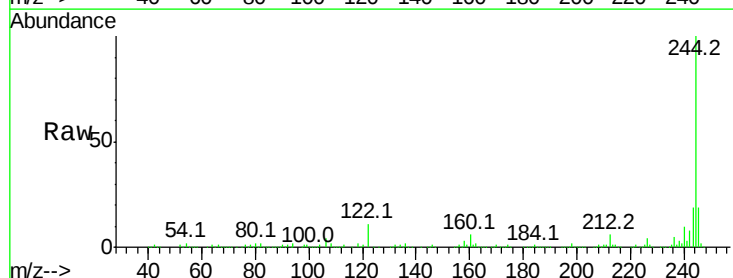
Tgt Ion:244 Resp: 614190

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

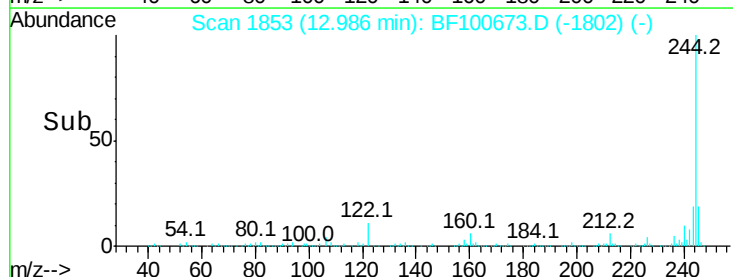
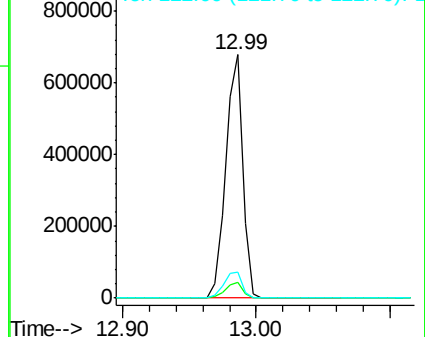
122 10.6 11.0 16.4#



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

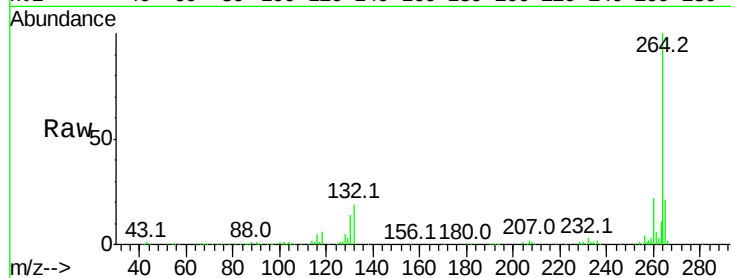




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100673.D
Acq: 17 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(35-37)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.3	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

