

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100315.D
 Acq On : 9 Nov 2017 1:54
 Operator : SJ/JU
 Sample : I6346-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(20-22)

Quant Time: Nov 09 02:52:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

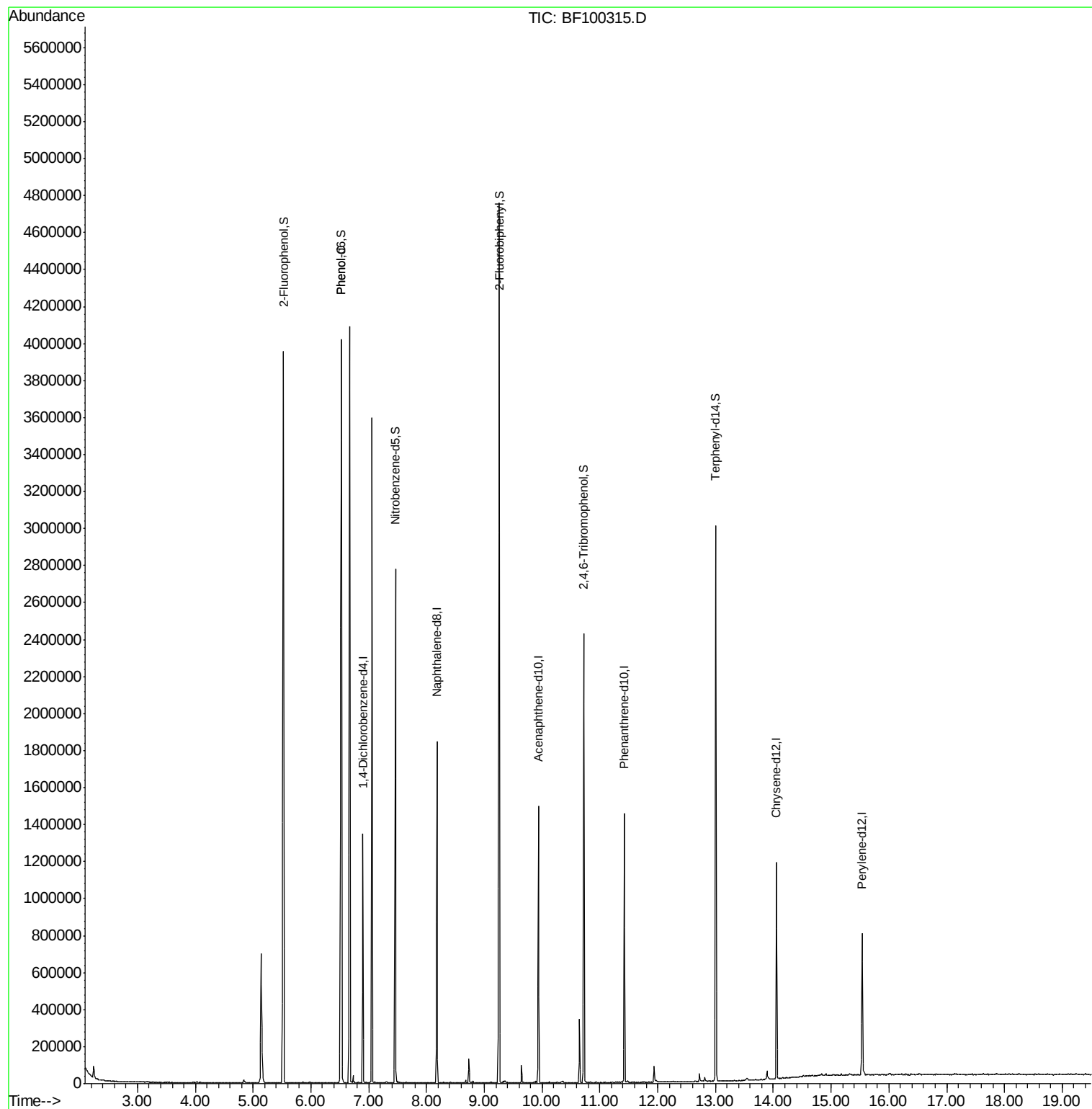
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194226	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	737504	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	307416	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	483044	20.00	ng	0.00
75) Chrysene-d12	14.06	240	368892	20.00	ng	-0.01
86) Perylene-d12	15.54	264	354247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1299721	107.27	ng	0.02
7) Phenol-d6	6.53	99	1582904	105.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	964181	86.43	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	315750	100.80	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1565233	77.53	ng	0.00
78) Terphenyl-d14	13.00	244	1005839	62.65	ng	0.00
Target Compounds						
10) Phenol	6.53	94	31642	2.017	ng	Qvalue # 73

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

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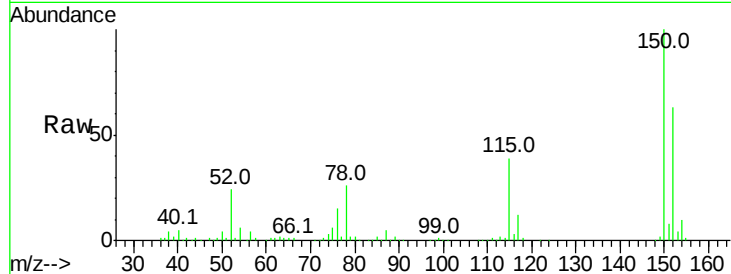


#1

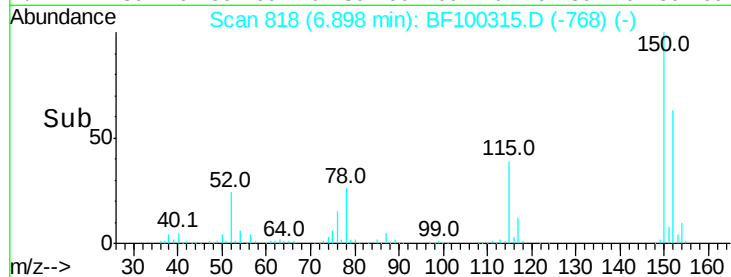
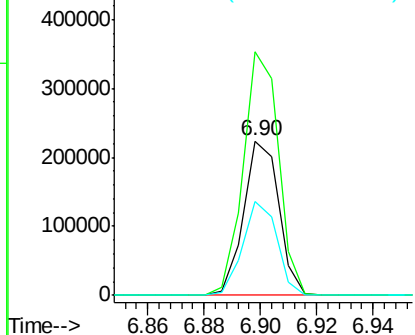
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(20-22)

Tot Ion:152 Resp: 194226
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.0 50.1 75.1



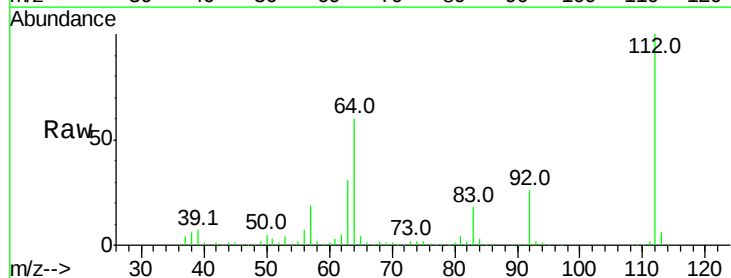
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



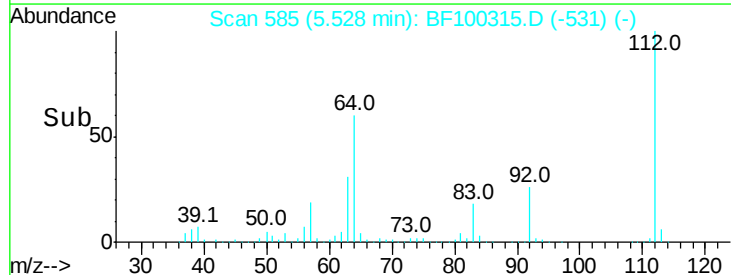
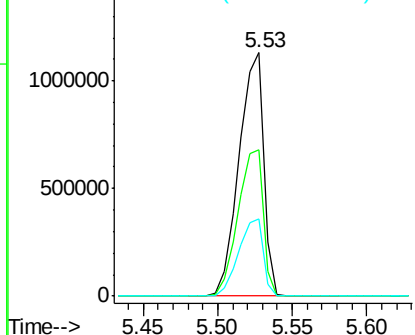
#5

2-Fluorophenol
Concen: 107.269 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion:112 Resp: 1299721
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.5 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: 105.942 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

Instrument :

BNA_F

ClientSampleId :

EPE-120-5(20-22)

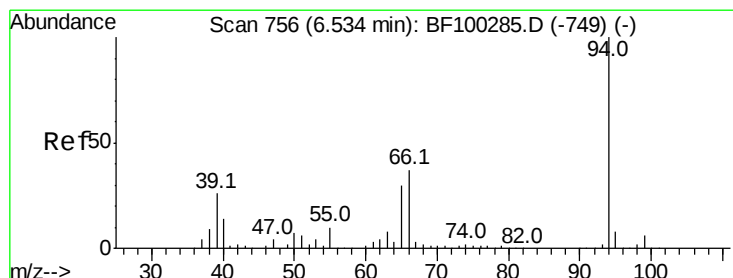
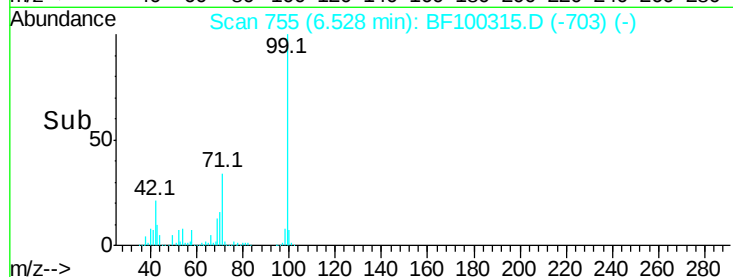
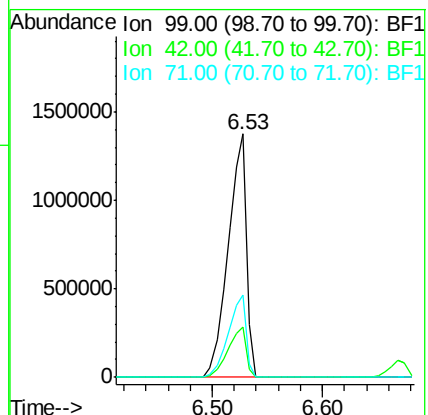
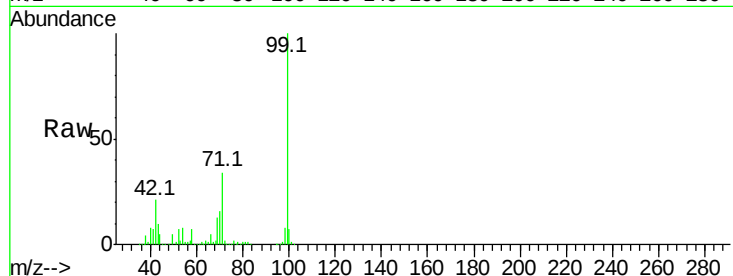
Tot Ion: 99 Resp: 1582904

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 2.017 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

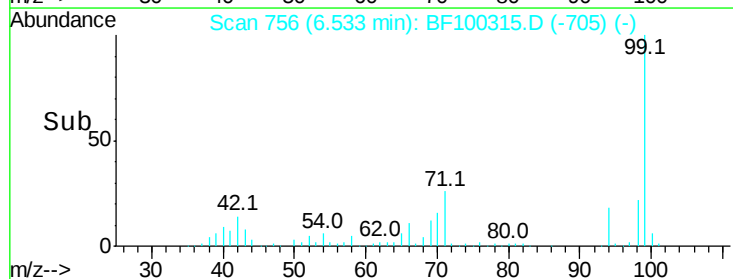
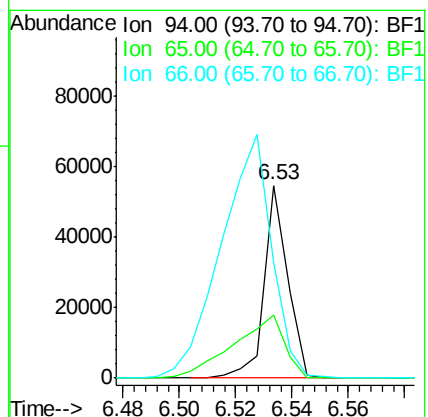
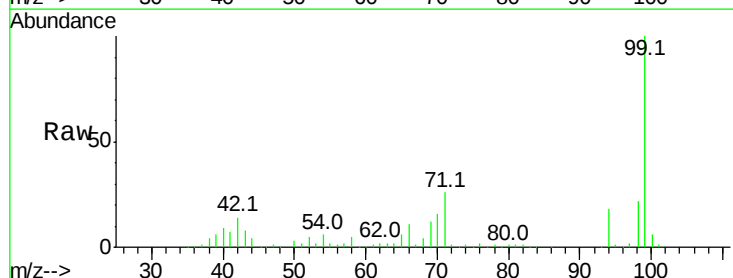
Tgt Ion: 94 Resp: 31642

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

66 59.9 16.2 56.2#

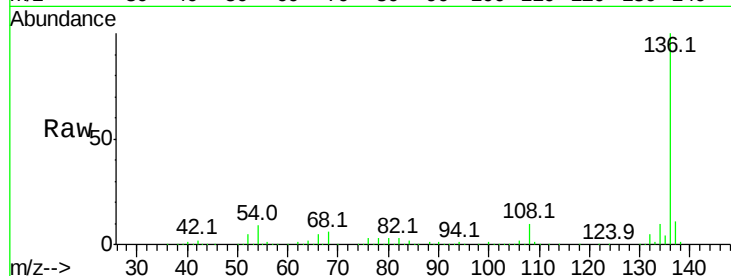




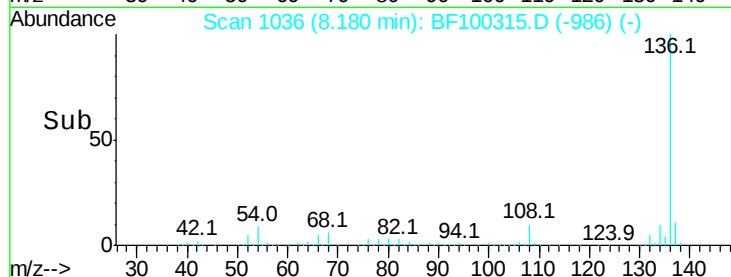
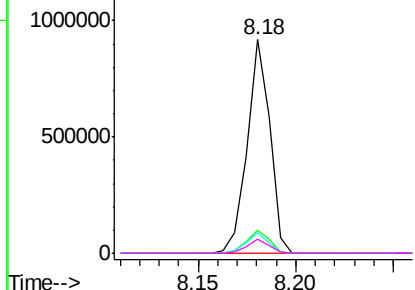
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(20-22)

Tot Ion:136	Resp:	737504
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.4	6.6 9.8
68	6.4	5.0 7.4

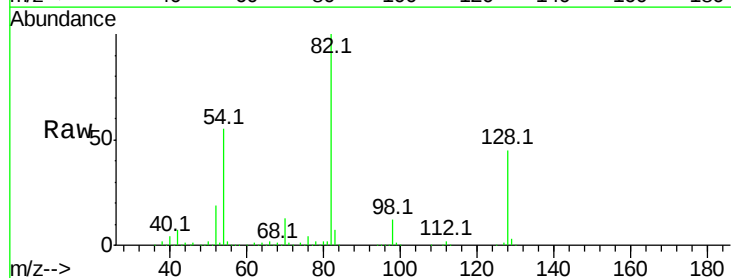


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

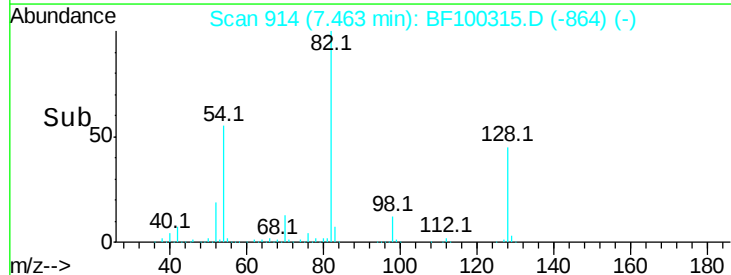
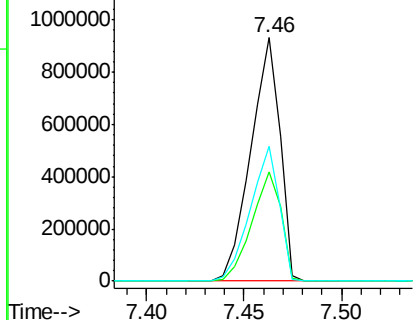


#23
Nitrobenzene-d5
Concen: 86.434 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion: 82	Resp:	964181
Ion Ratio	Lower	Upper
82	100	
128	44.8	36.1 54.1
54	55.4	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

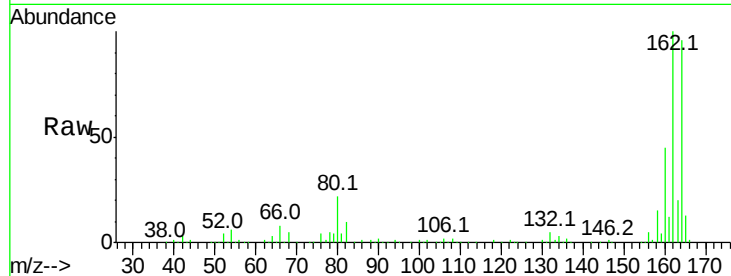




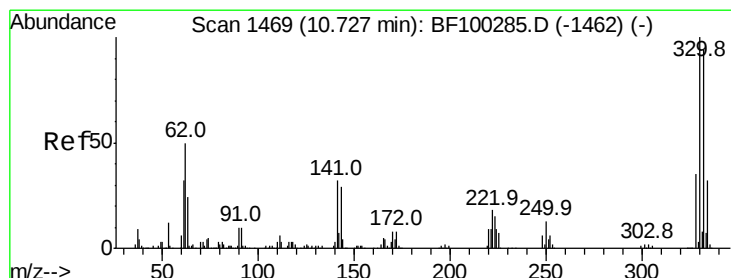
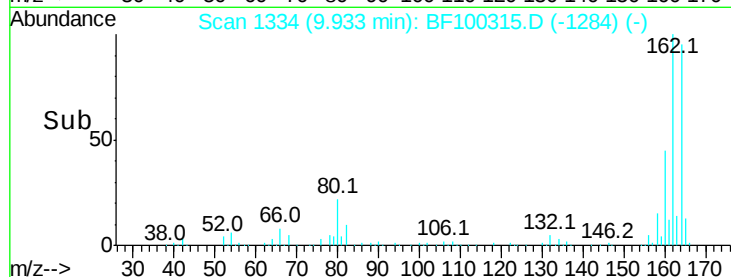
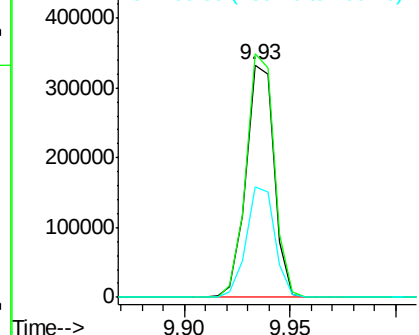
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(20-22)

Tot Ion:164 Resp: 307416
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.5 38.3 57.5

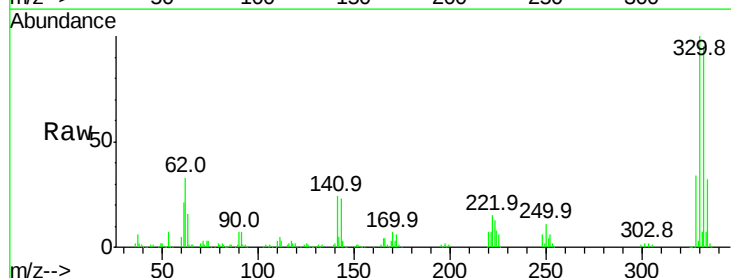


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

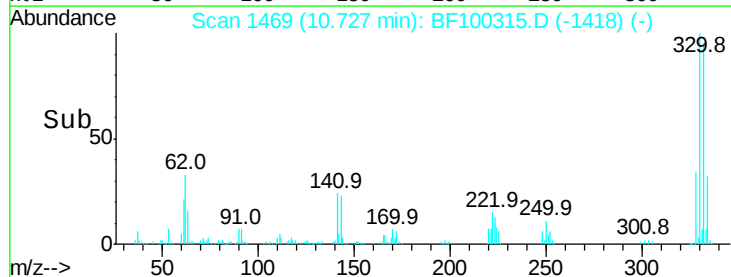
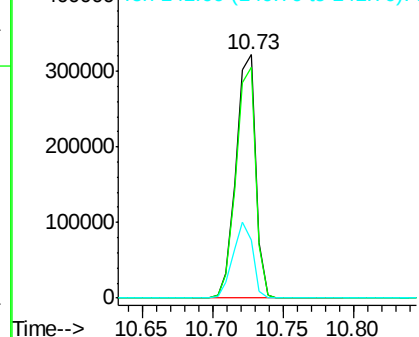


#41
2,4,6-Tribromophenol
Concen: 100.796 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Tgt Ion:330 Resp: 315750
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 30.8 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



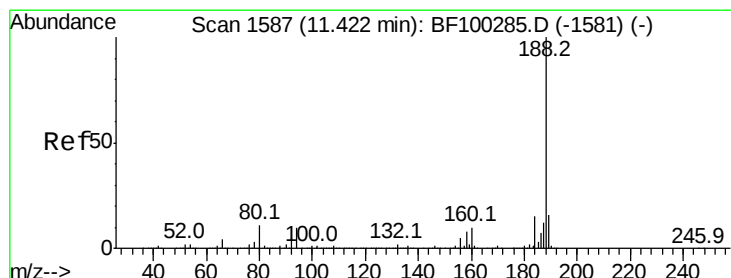
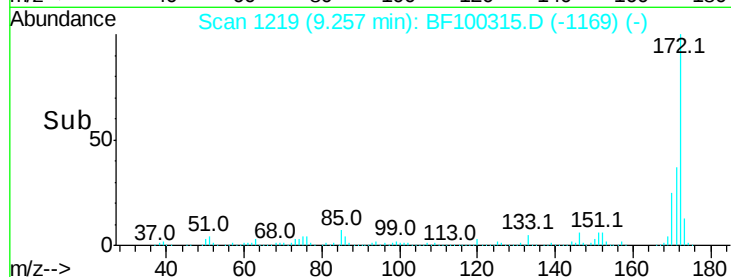
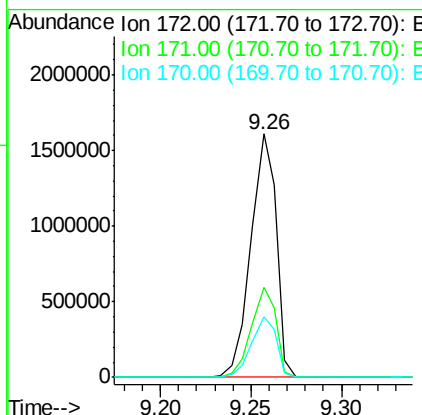
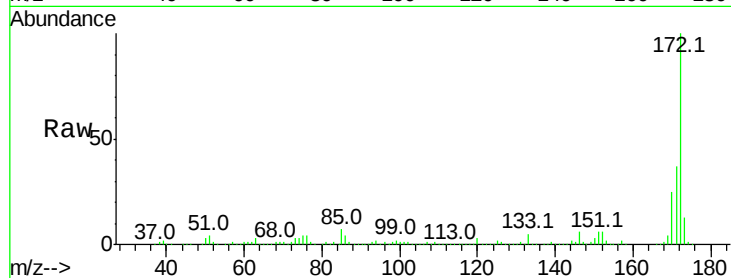


#44
 2-Fluorobiphenyl
 Concen: 77.530 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(20-22)

Tot Ion:172 Resp: 1565233

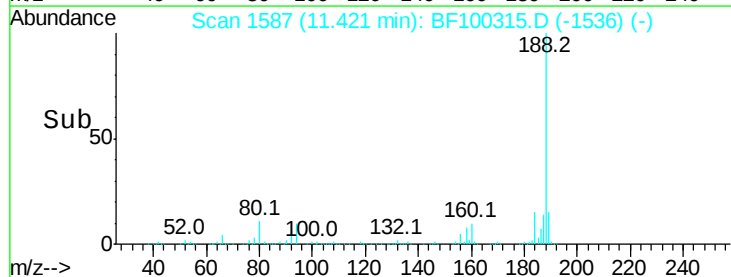
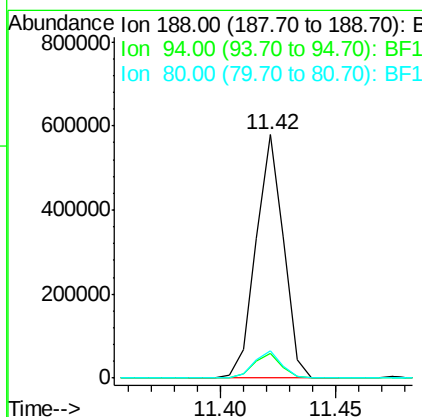
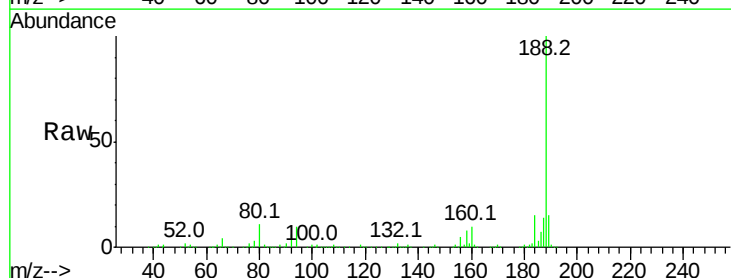
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4

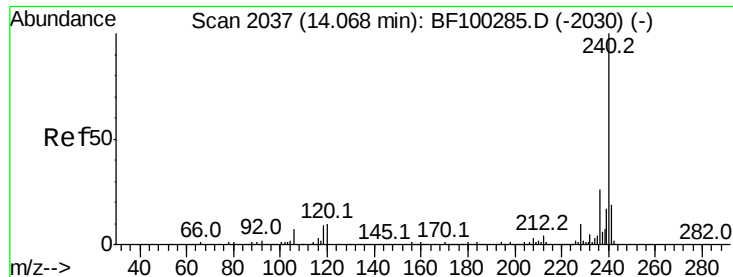


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100315.D
 Acq: 9 Nov 2017 1:54

Tgt Ion:188 Resp: 483044

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

Instrument :

BNA_F

ClientSampleId :

EPE-120-5(20-22)

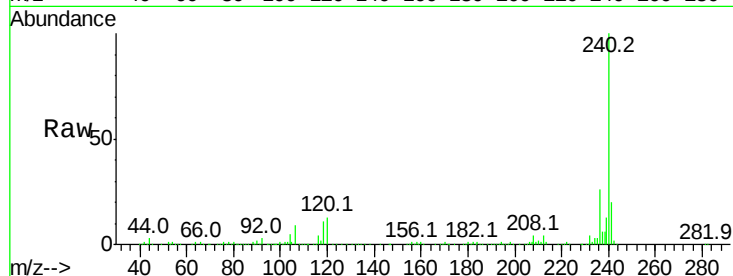
Tot Ion:240 Resp: 368892

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

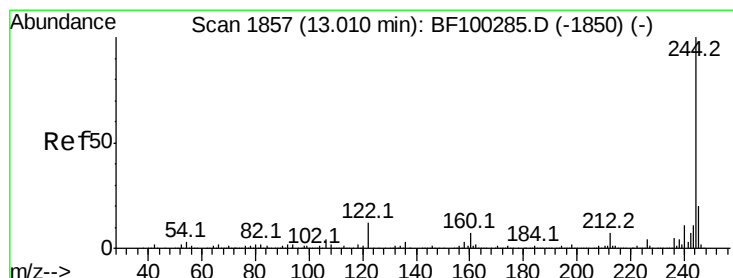
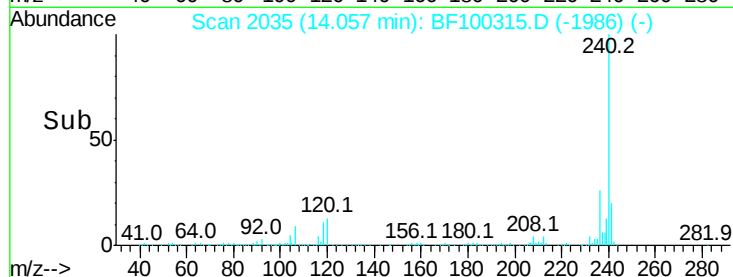
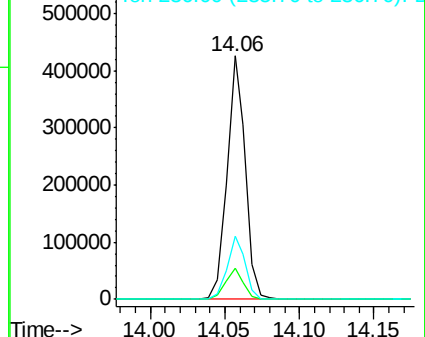
236 25.7 20.7 31.1



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: 62.650 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100315.D

Acq: 9 Nov 2017 1:54

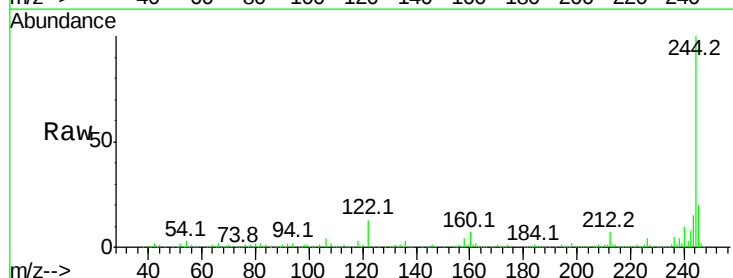
Tgt Ion:244 Resp: 1005839

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

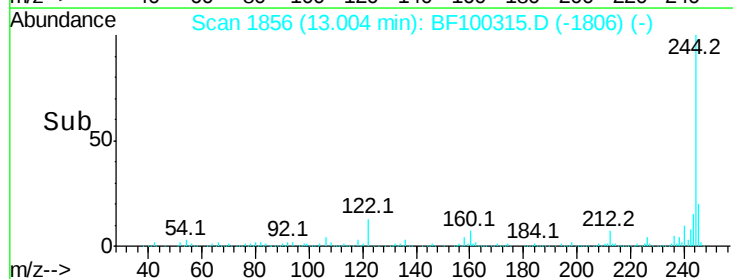
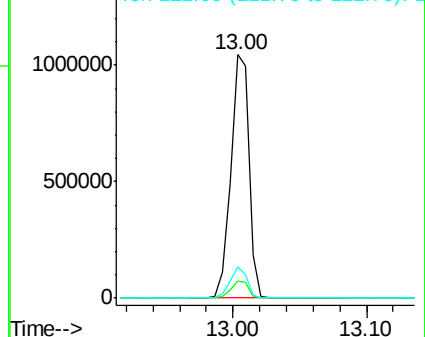
122 12.7 11.0 16.4

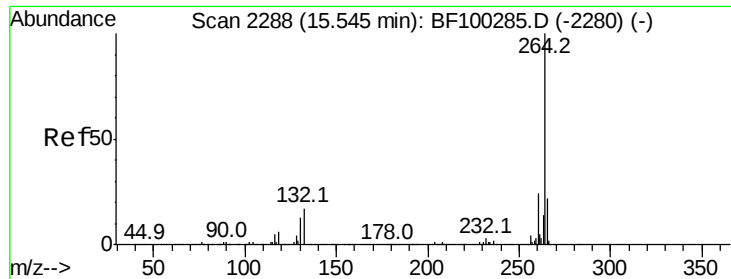


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100315.D
Acq: 9 Nov 2017 1:54

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(20-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

