

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100598.D
 Acq On : 15 Nov 2017 19:47
 Operator : SJ/JU
 Sample : I6448-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(20-22)

Quant Time: Nov 16 04:39:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

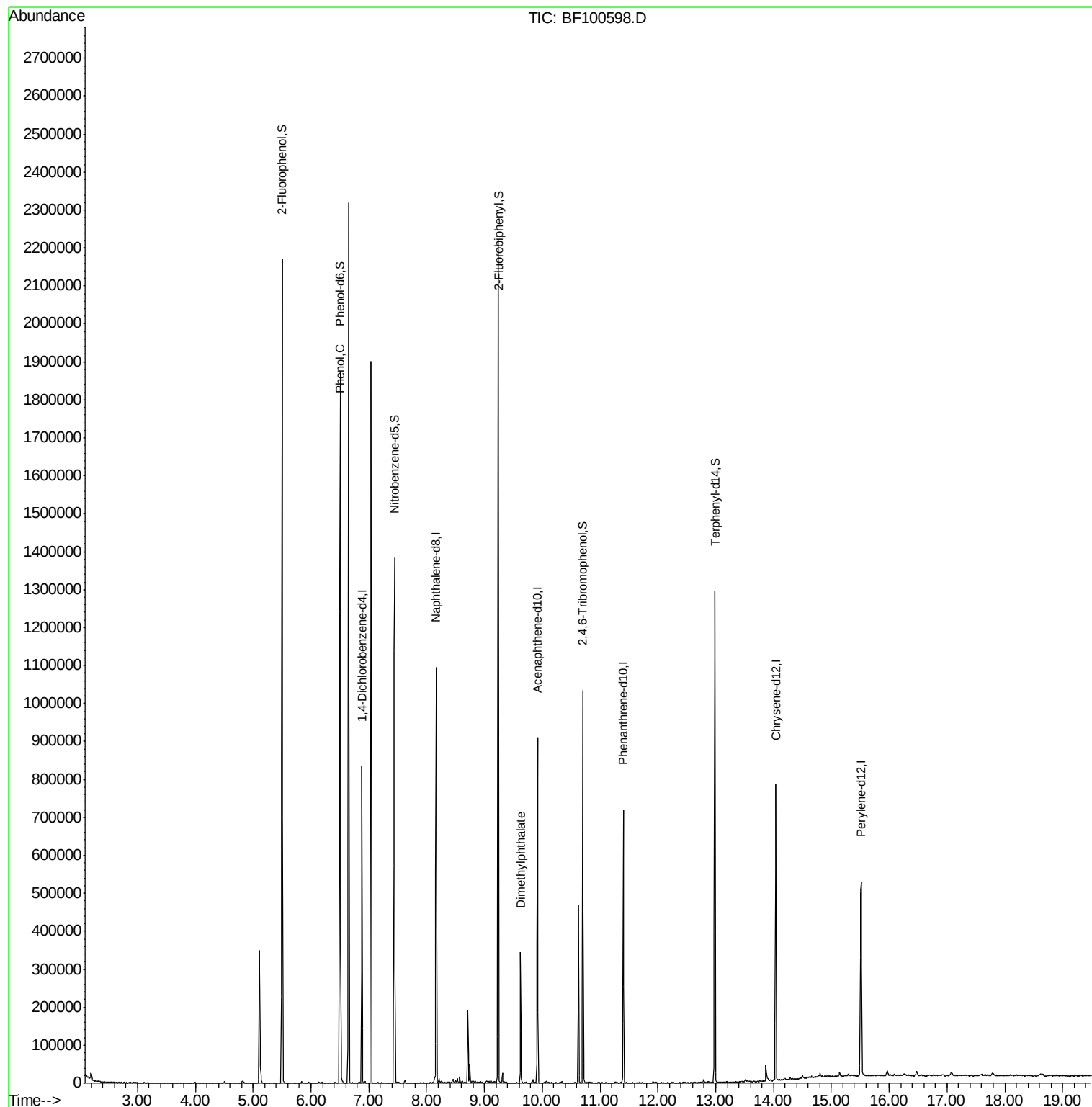
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	122704	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	455638	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	173132	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	252245	20.00	ng	0.00
75) Chrysene-d12	14.04	240	248950	20.00	ng	-0.01
86) Perylene-d12	15.52	264	247938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	599105	78.27	ng	0.00
7) Phenol-d6	6.50	99	721718	76.46	ng	-0.01
23) Nitrobenzene-d5	7.45	82	437948	63.55	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	117544	66.63	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	711376	62.57	ng	0.00
78) Terphenyl-d14	12.99	244	419421	38.71	ng	0.00
Target Compounds						
10) Phenol	6.52	94	37459	3.780	ng	96
49) Dimethylphthalate	9.63	163	118569	8.970	ng	99

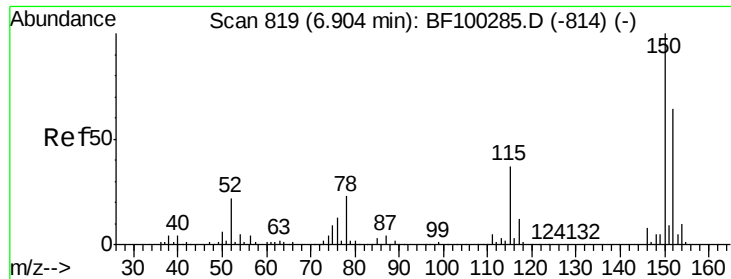
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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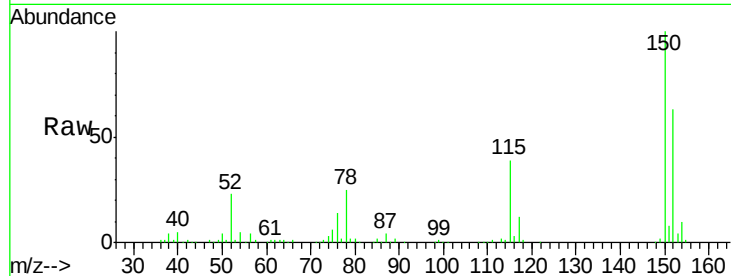




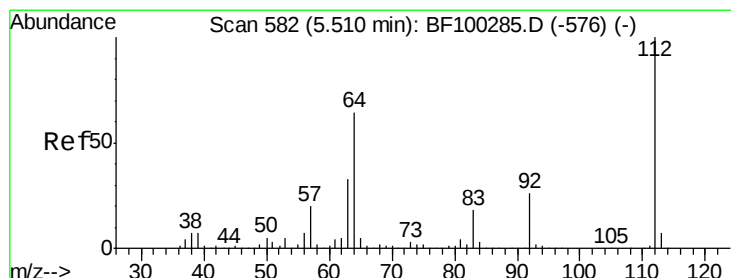
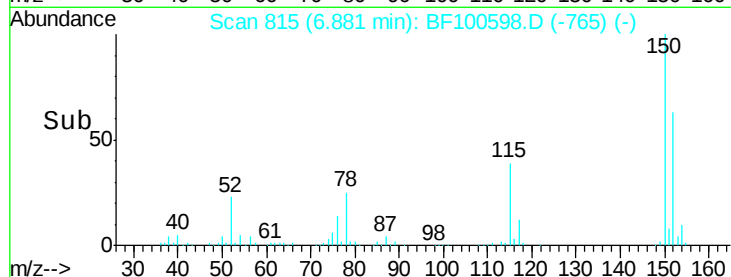
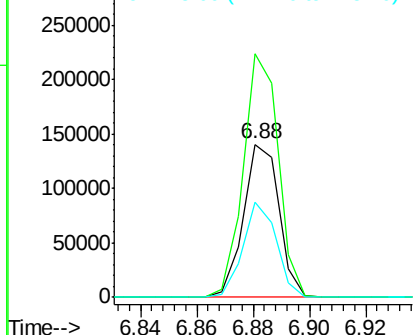
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(20-22)

Tgt Ion:152 Resp: 122704
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 61.7 50.1 75.1

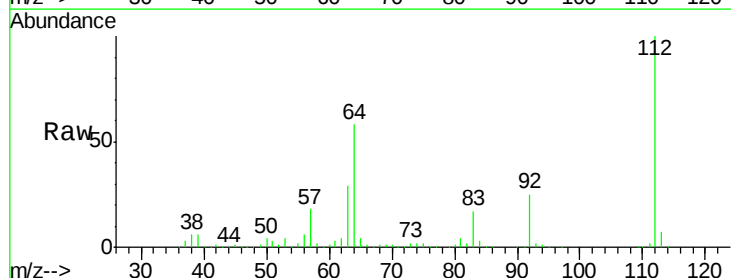


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

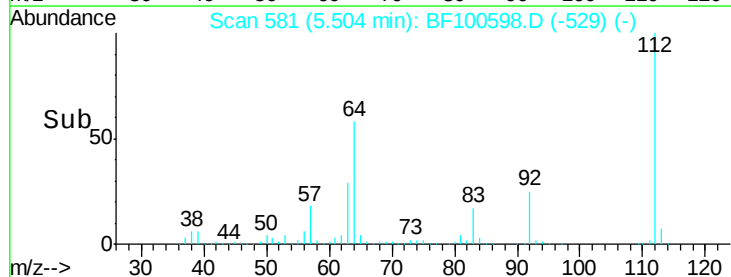
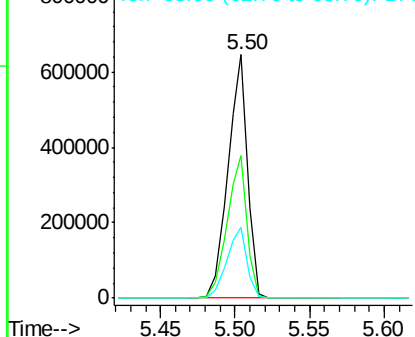


#5
 2-Fluorophenol
 Concen: 78.266 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Tgt Ion:112 Resp: 599105
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 29.2 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: 76.459 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

Instrument :

BNA_F

ClientSampleId :

EPE-120-2(20-22)

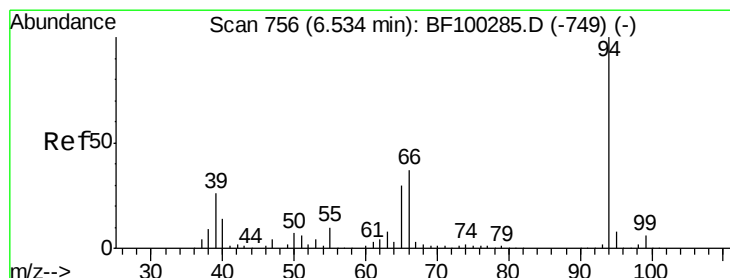
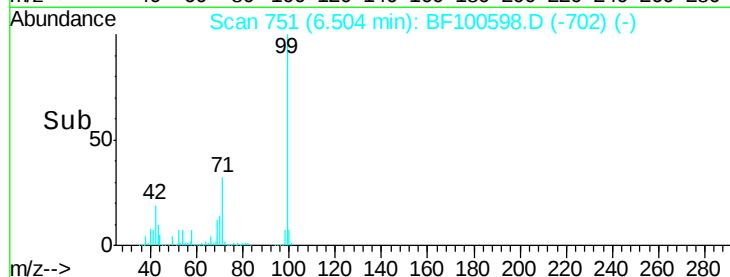
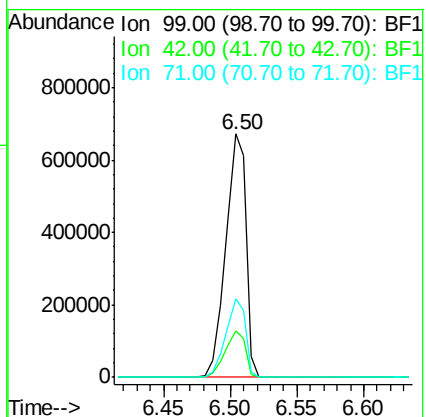
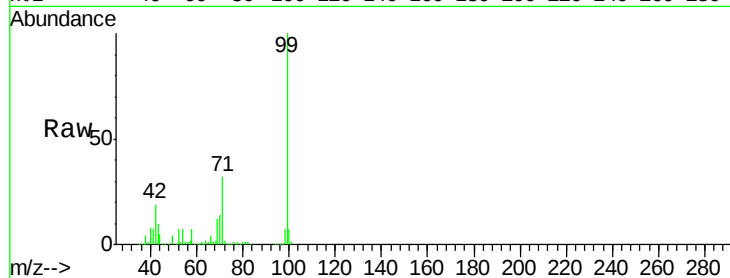
Tgt Ion: 99 Resp: 721718

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 3.780 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

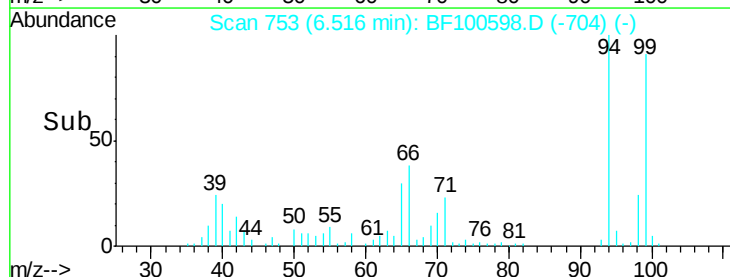
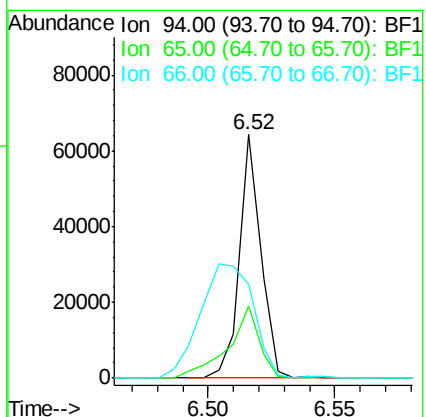
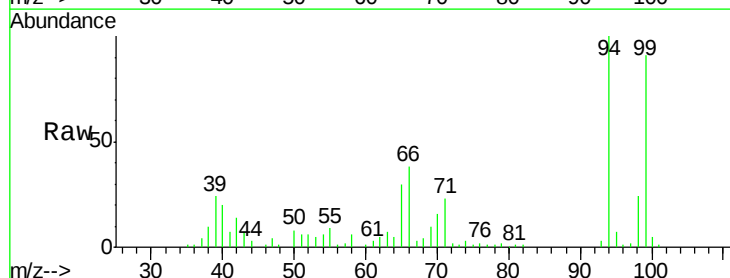
Tgt Ion: 94 Resp: 37459

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 38.5 16.2 56.2

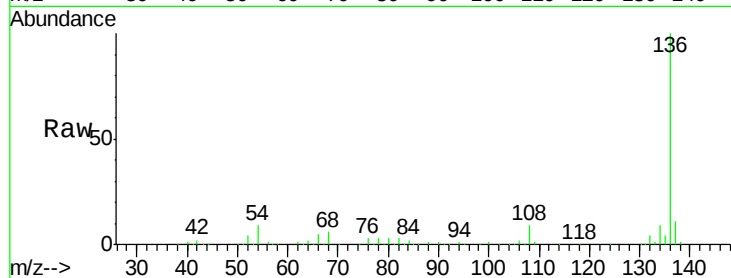




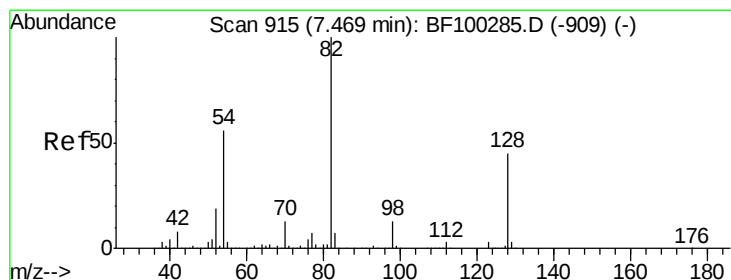
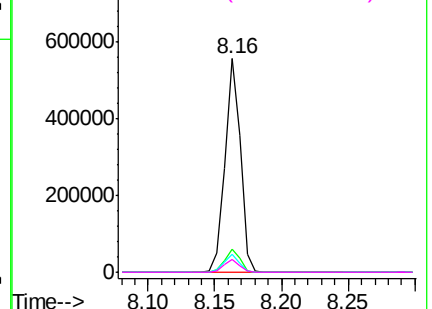
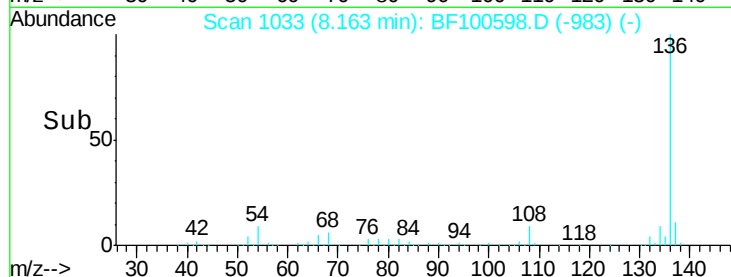
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(20-22)

Tgt Ion:	136	Resp:	455638
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

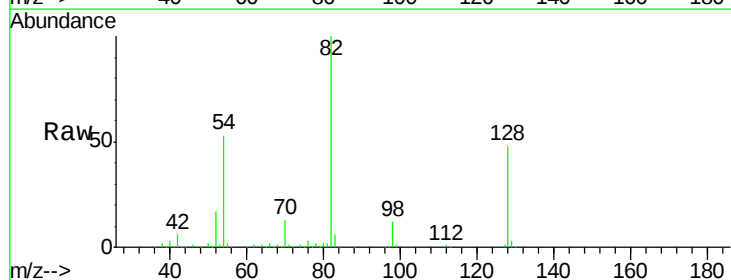


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

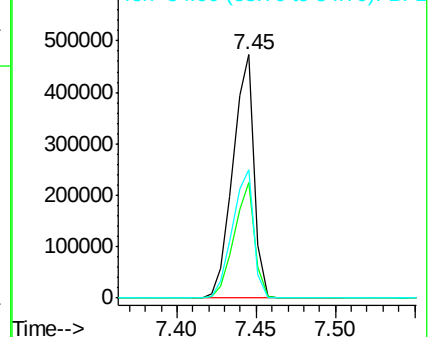
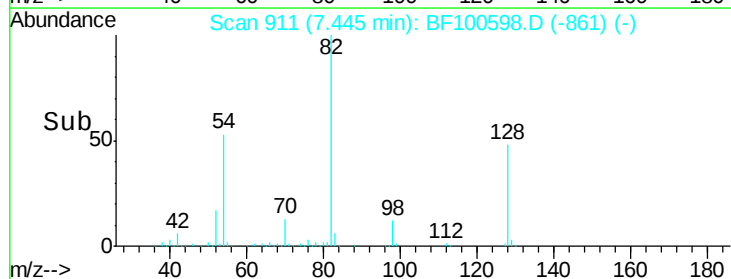


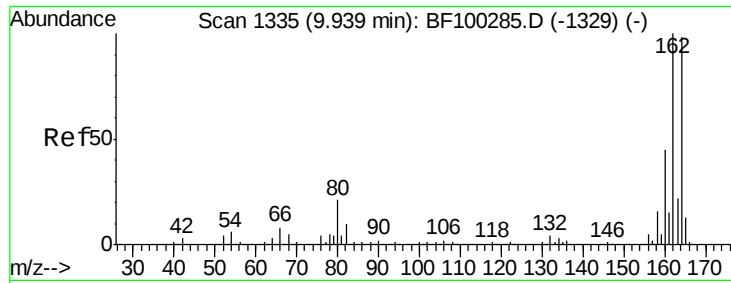
#23
Nitrobenzene-d5
Concen: 63.547 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion:	82	Resp:	437948
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	52.7	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

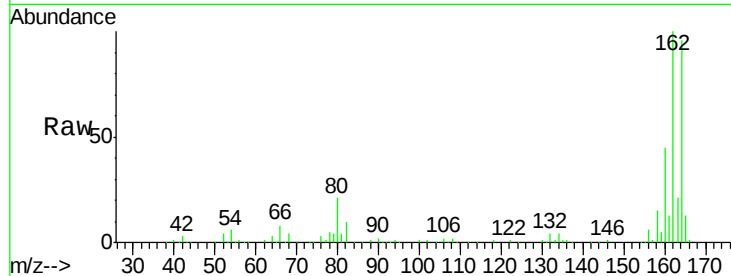




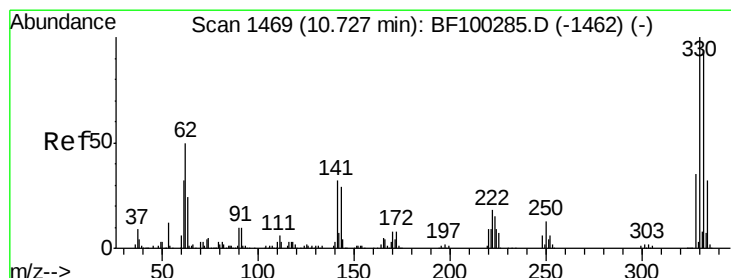
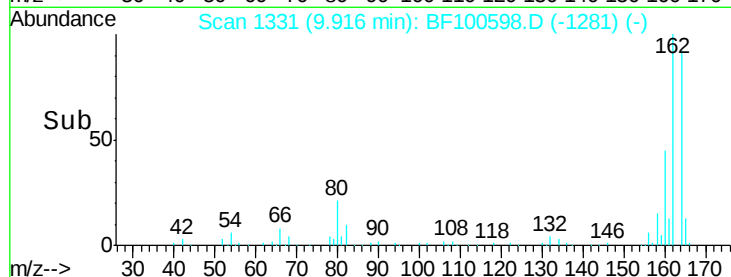
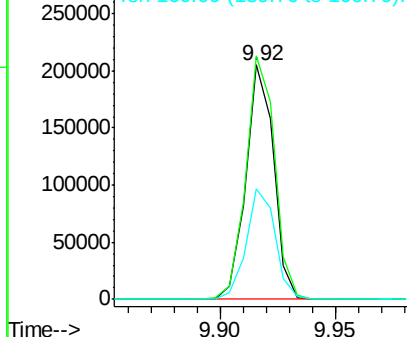
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(20-22)

Tgt Ion:164 Resp: 173132
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.1 38.3 57.5

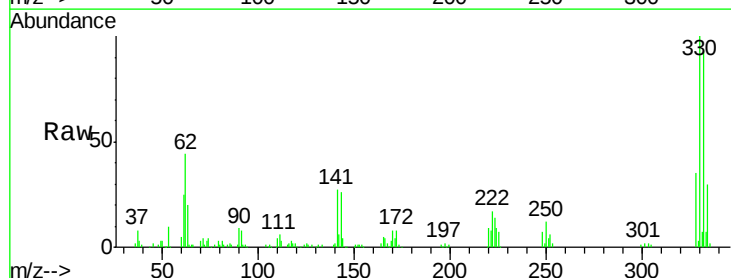


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

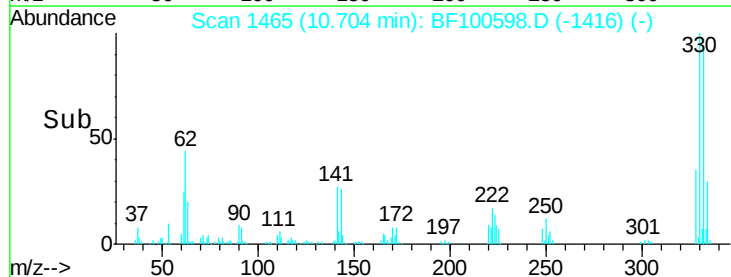
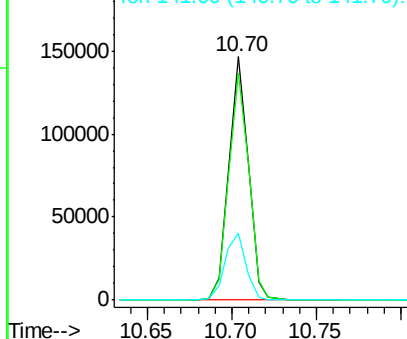


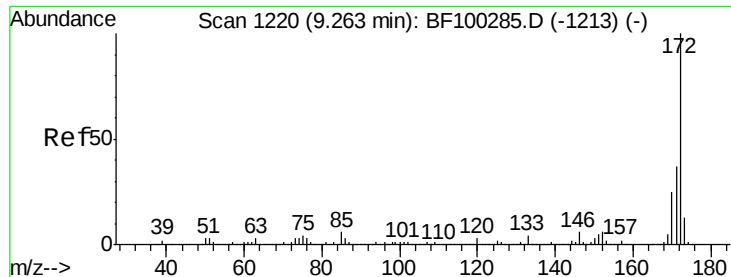
#41
 2,4,6-Tribromophenol
 Concen: 66.627 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Tgt Ion:330 Resp: 117544
 Ion Ratio Lower Upper
 330 100
 332 96.1 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

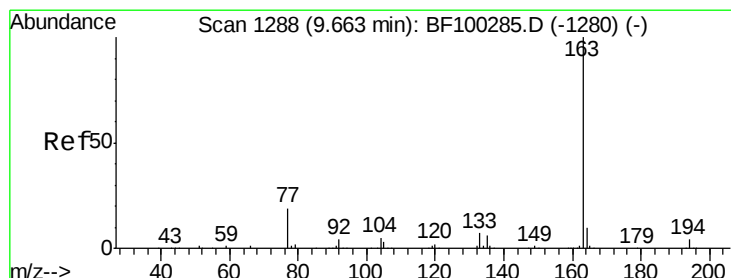
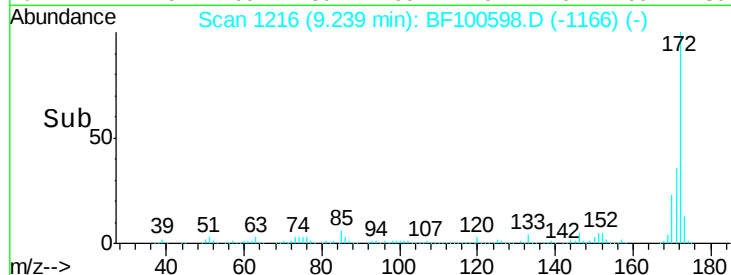
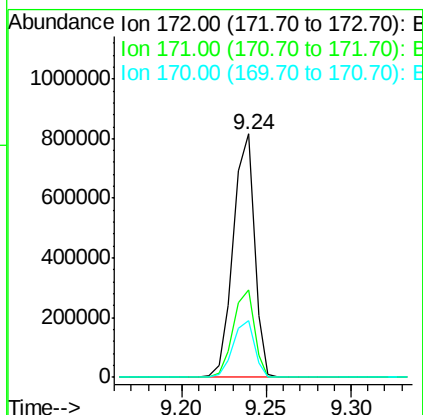
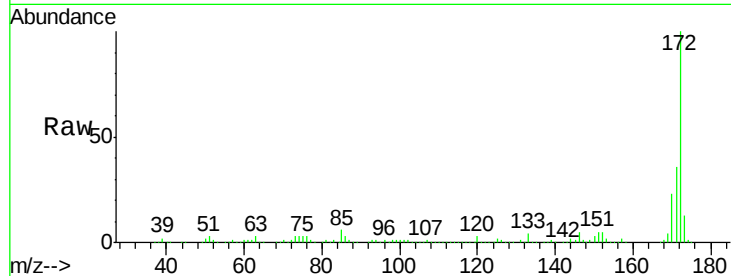




#44
2-Fluorobiphenyl
Concen: 62.566 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

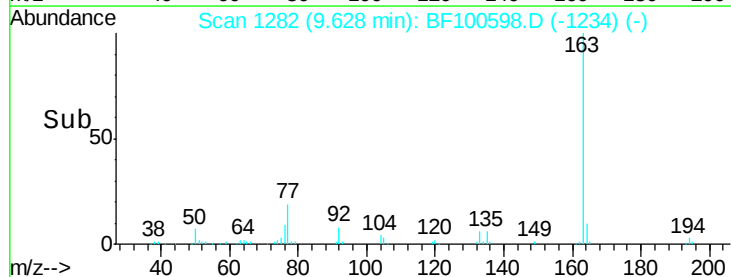
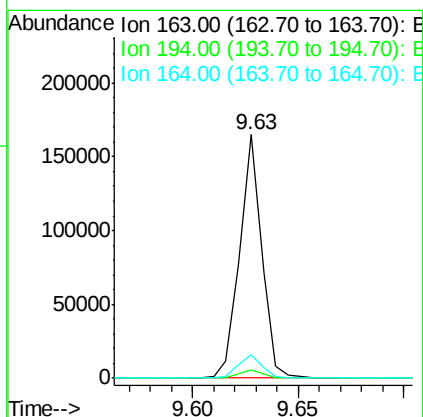
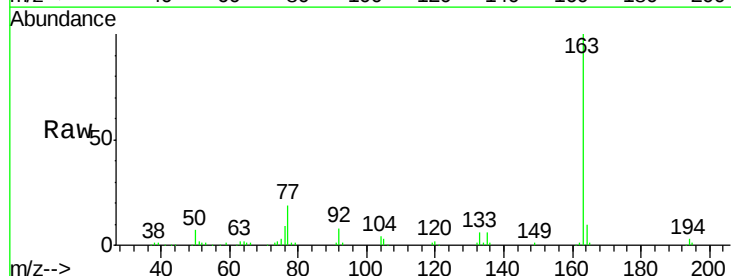
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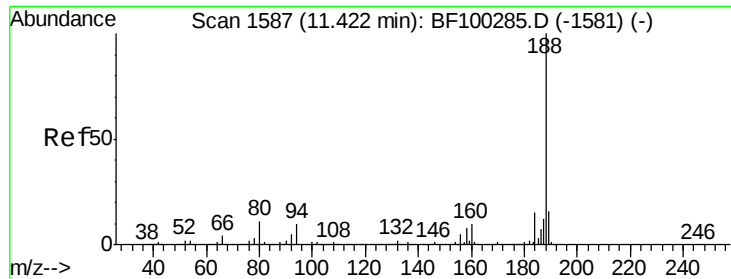
Tgt Ion:172 Resp: 711376
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.970 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion:163 Resp: 118569
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2

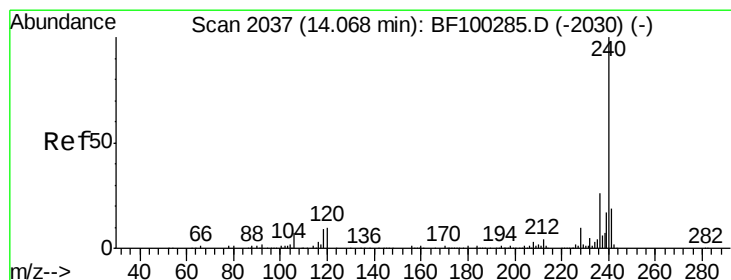
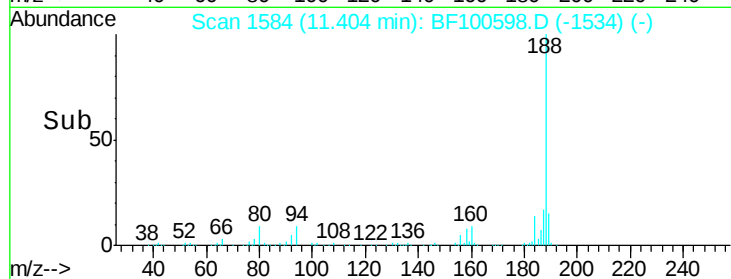
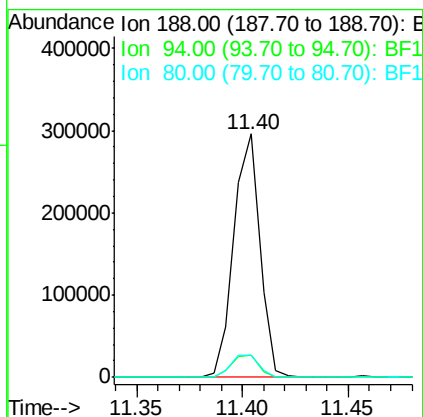
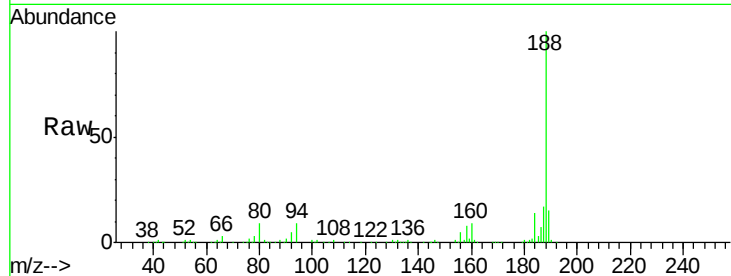




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

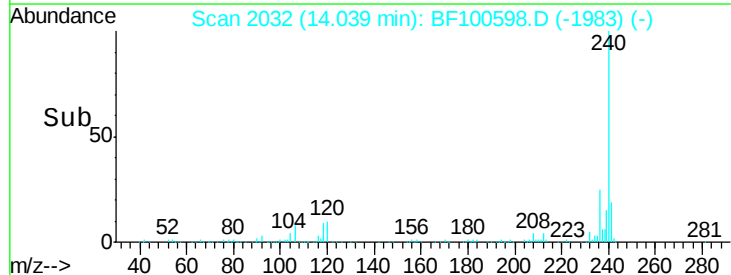
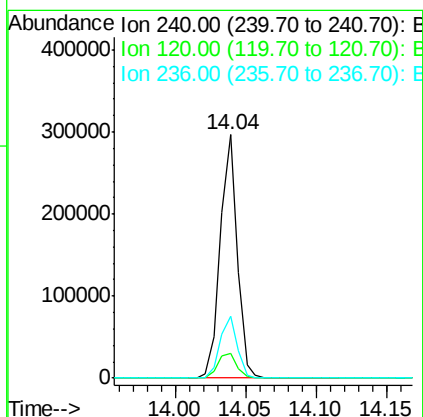
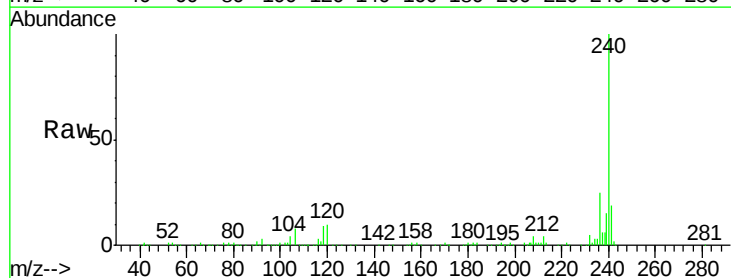
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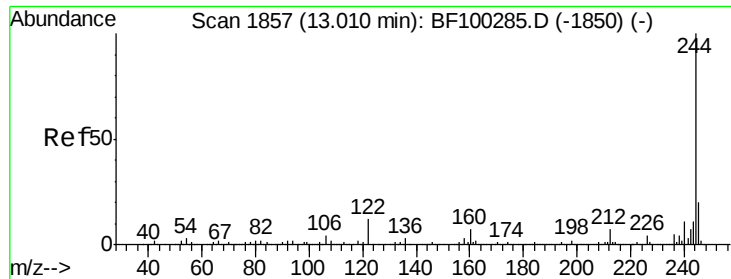
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	8.9	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.3	20.7	31.1





#78

Terphenyl-d14

Concen: 38.711 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

Instrument :

BNA_F

ClientSampleId :

EPE-120-2(20-22)

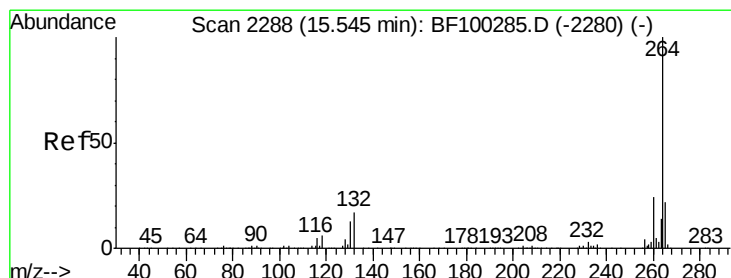
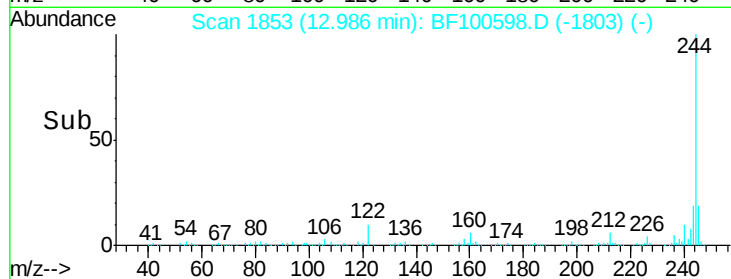
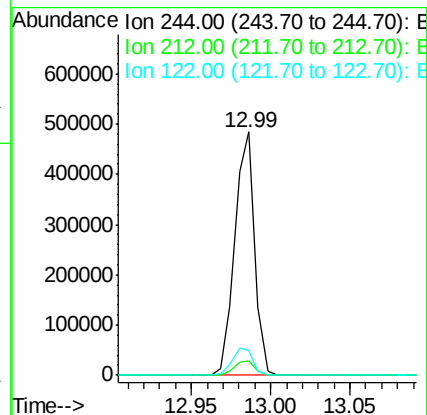
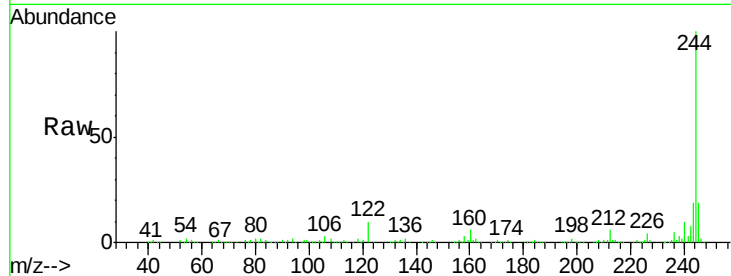
Tgt Ion:244 Resp: 419421

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 10.2 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

Tgt Ion:264 Resp: 247938

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.9 17.5 26.3

