

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100591.D
 Acq On : 15 Nov 2017 16:38
 Operator : SJ/JU
 Sample : I6422-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(5-10)

Quant Time: Nov 16 04:14:11 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

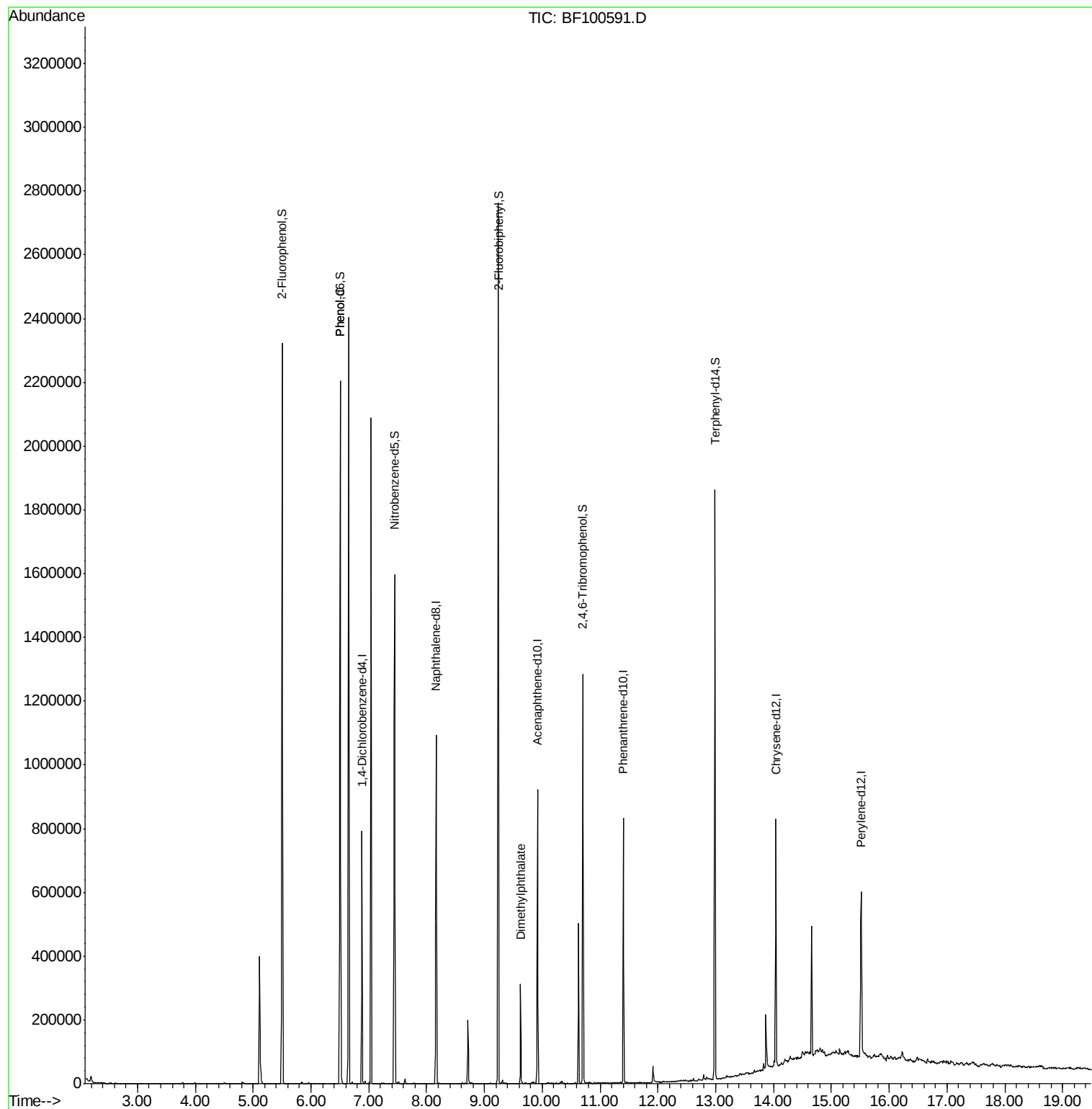
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	120064	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	457035	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188624	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279749	20.00	ng	0.00
75) Chrysene-d12	14.04	240	255476	20.00	ng	-0.01
86) Perylene-d12	15.52	264	244718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	662832	88.50	ng	0.00
7) Phenol-d6	6.51	99	791719	85.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	492046	71.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	152352	79.26	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	876213	70.73	ng	0.00
78) Terphenyl-d14	12.99	244	570415	51.30	ng	0.00
Target Compounds						
10) Phenol	6.52	94	40120	4.138	ng	84
49) Dimethylphthalate	9.63	163	109198	7.582	ng	99

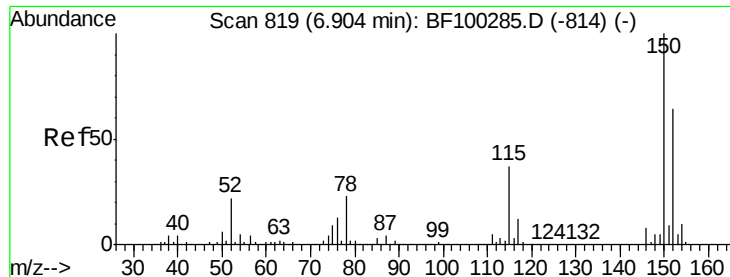
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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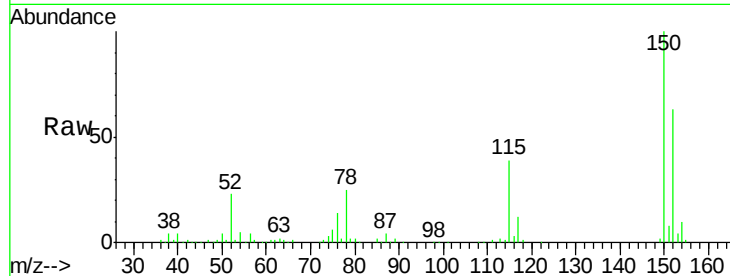


#1

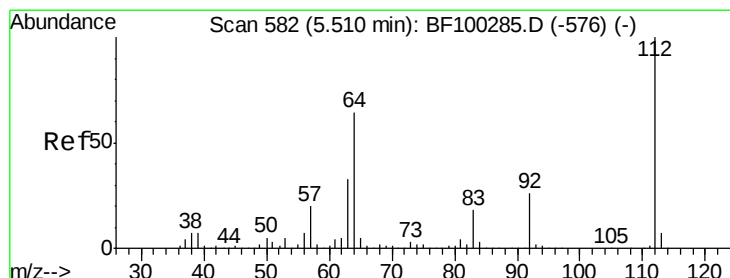
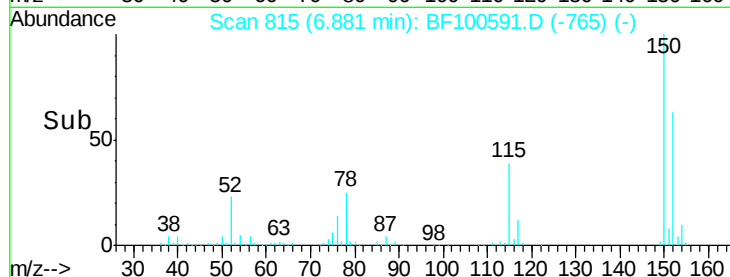
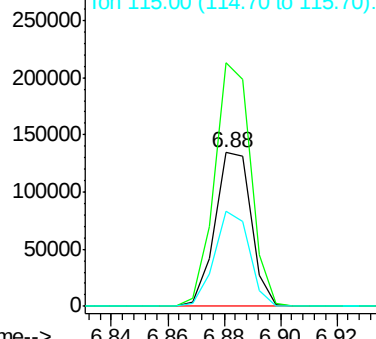
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(5-10)

Tgt Ion:152 Resp: 120064
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.8 50.1 75.1



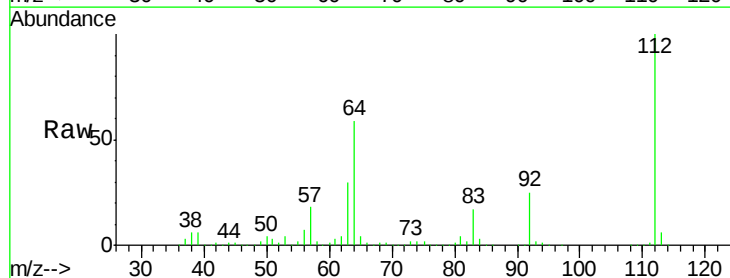
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



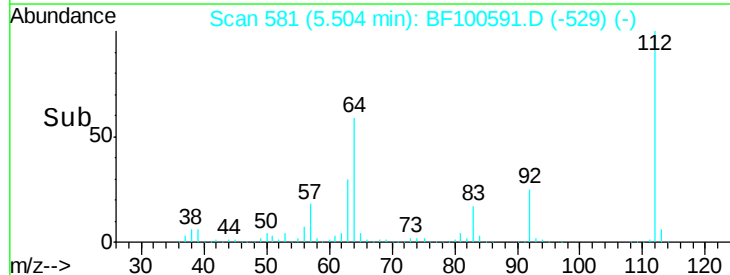
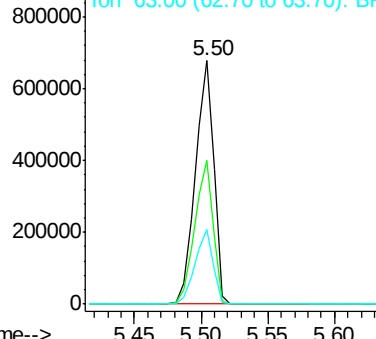
#5

2-Fluorophenol
Concen: 88.495 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion:112 Resp: 662832
Ion Ratio Lower Upper
112 100
64 59.1 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: 85.719 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

Instrument :

BNA_F

ClientSampleId :

EPE-120-2(5-10)

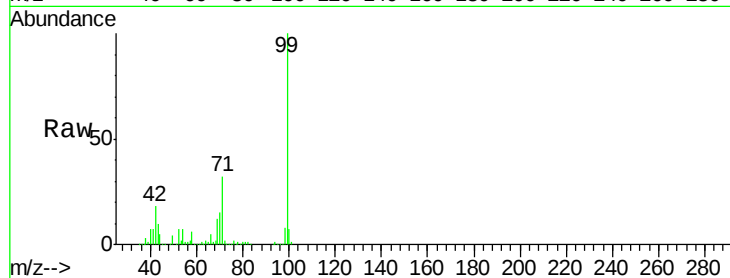
Tgt Ion: 99 Resp: 791719

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

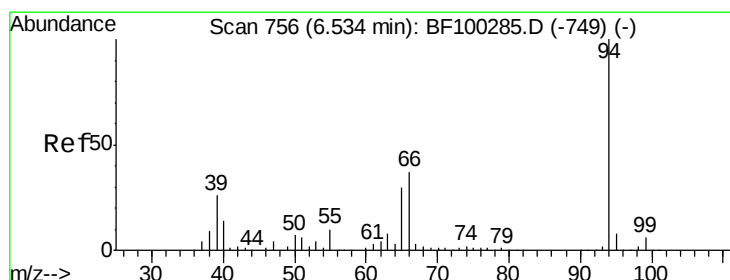
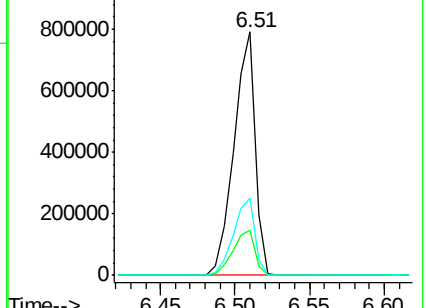
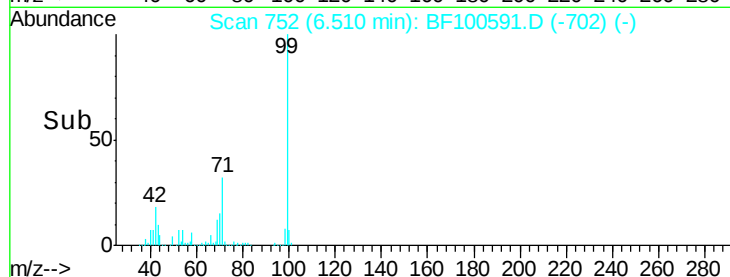
71 31.8 25.4 38.0



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



#10

Phenol

Concen: 4.138 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100591.D

Acq: 15 Nov 2017 16:38

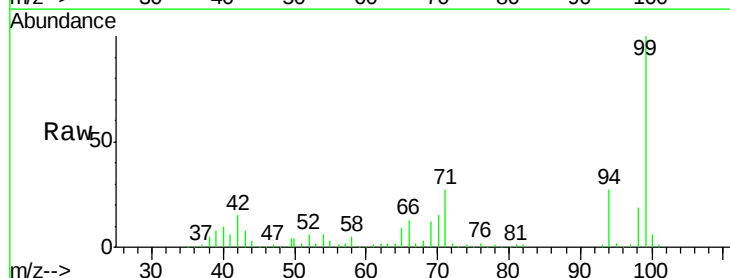
Tgt Ion: 94 Resp: 40120

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

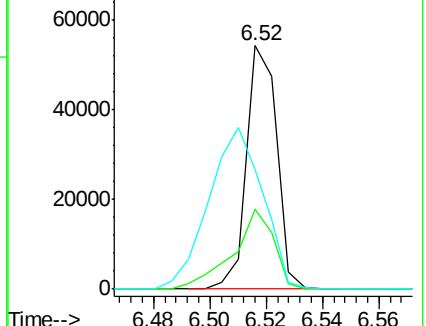
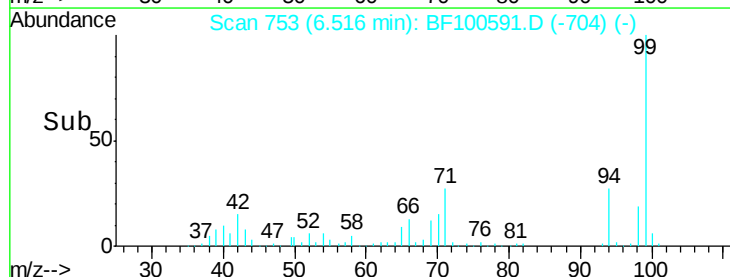
66 48.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

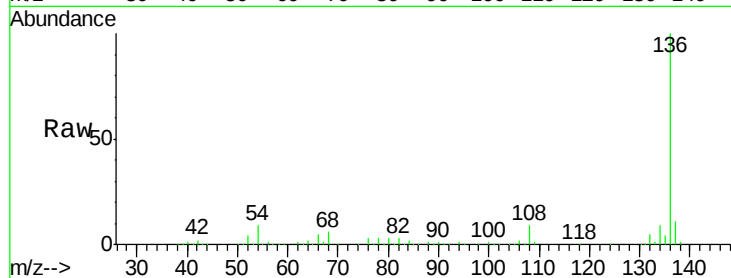




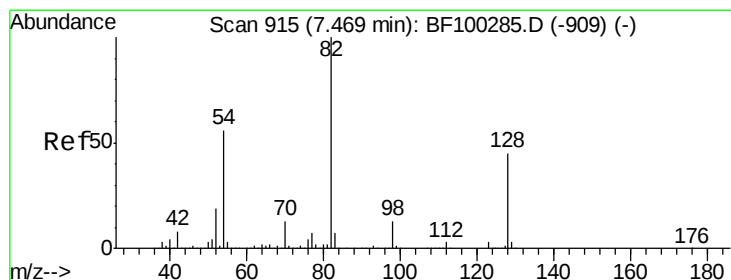
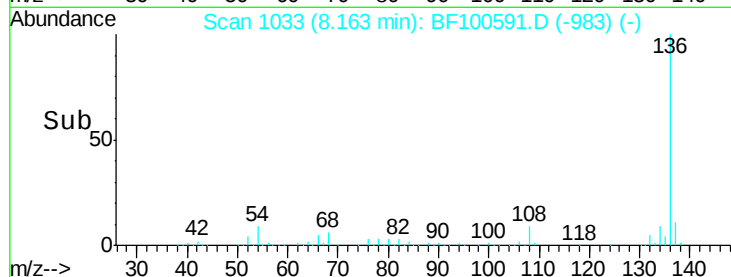
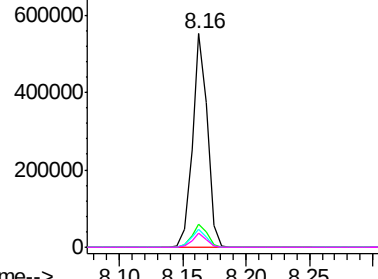
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(5-10)

Tgt Ion:	136	Resp:	457035
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4

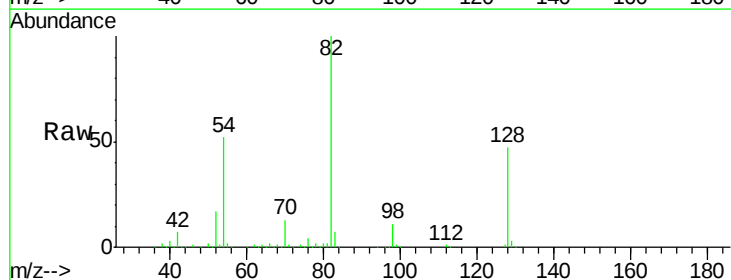


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

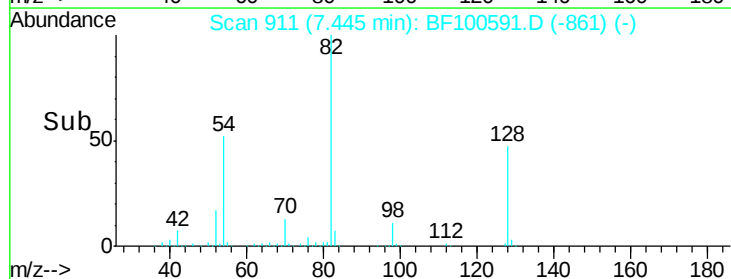
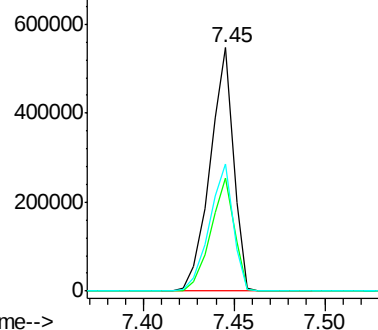


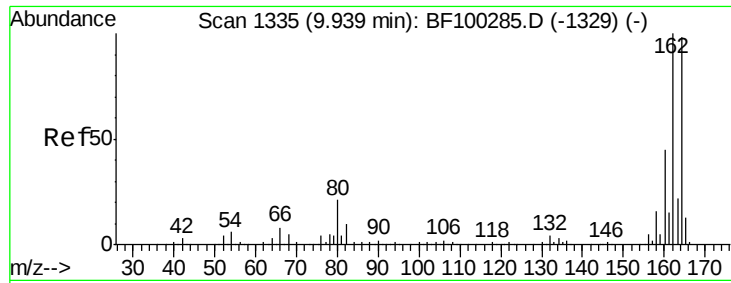
#23
Nitrobenzene-d5
Concen: 71.178 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion:	82	Resp:	492046
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.4	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

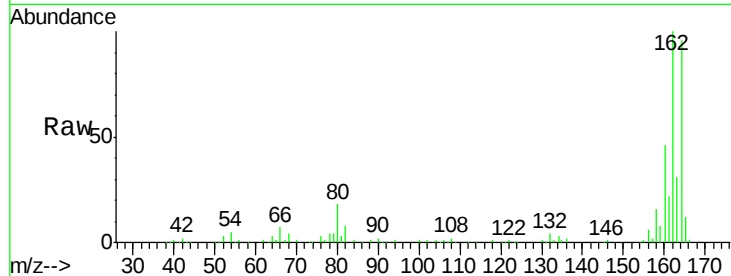




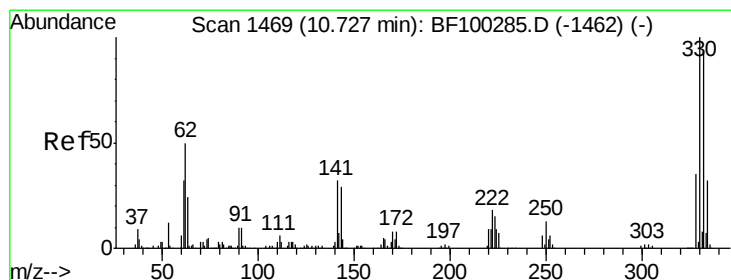
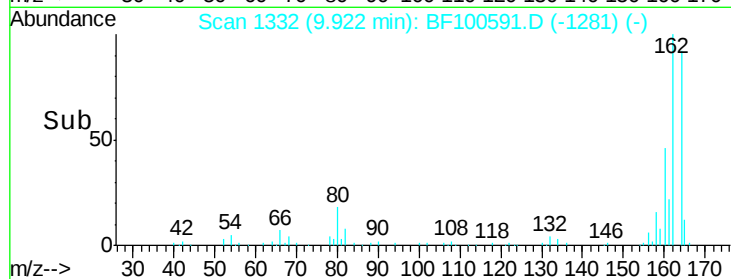
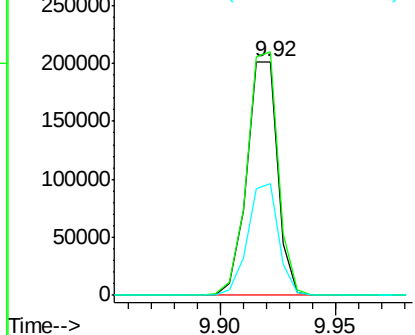
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(5-10)

Tgt Ion:164 Resp: 188624
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.9 38.3 57.5

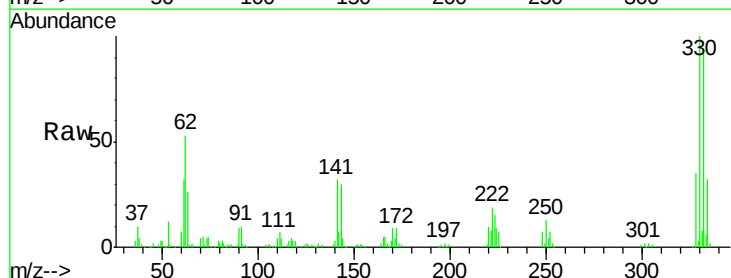


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

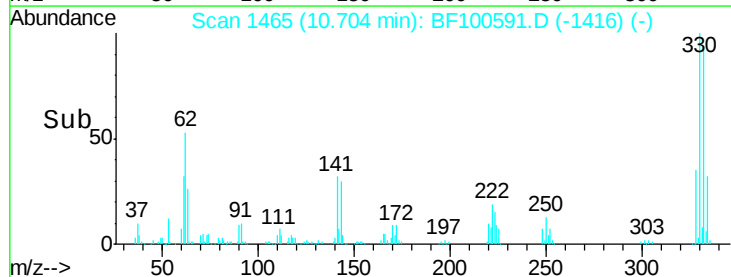
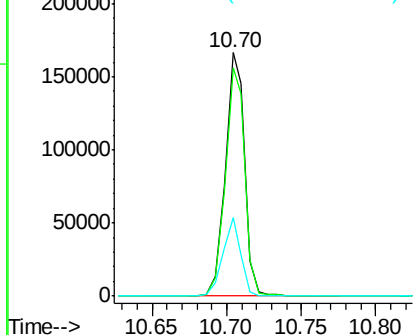


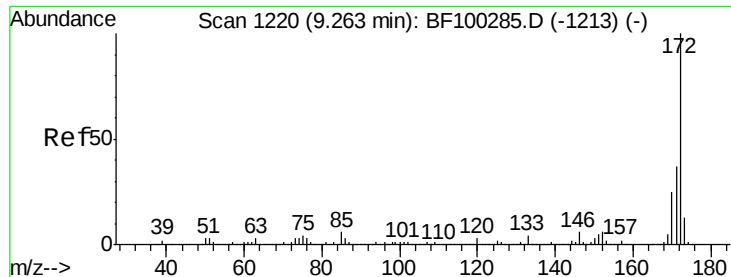
#41
 2,4,6-Tribromophenol
 Concen: 79.264 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Tgt Ion:330 Resp: 152352
 Ion Ratio Lower Upper
 330 100
 332 94.7 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

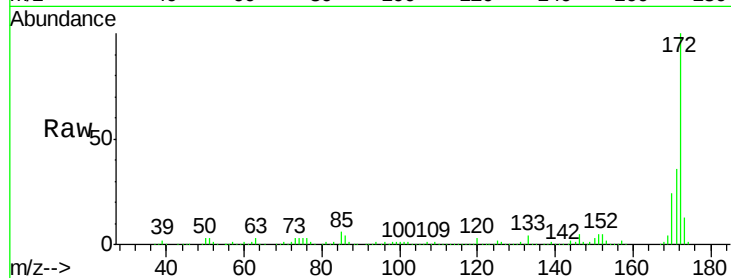




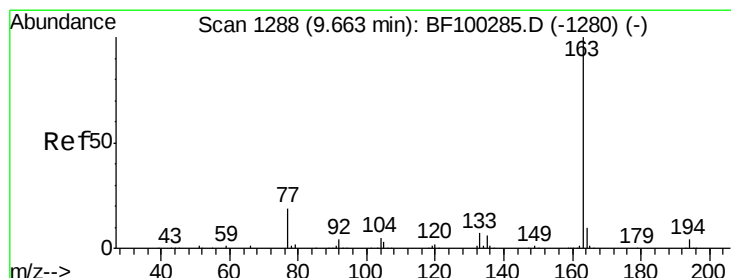
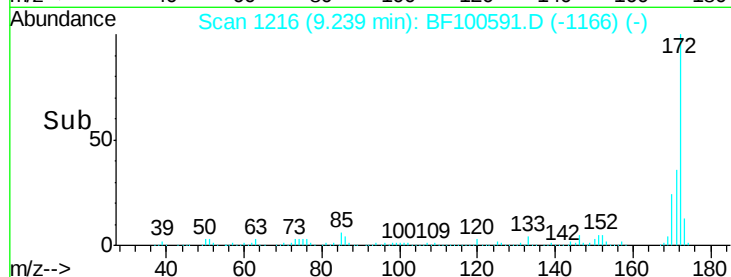
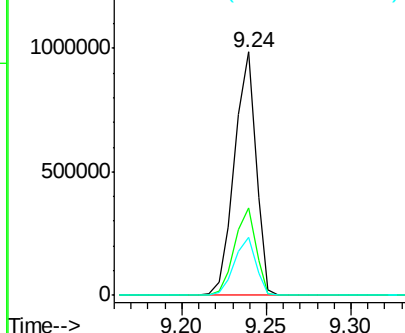
#44
2-Fluorobiphenyl
Concen: 70.734 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(5-10)

Tgt Ion:172 Resp: 876213
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4

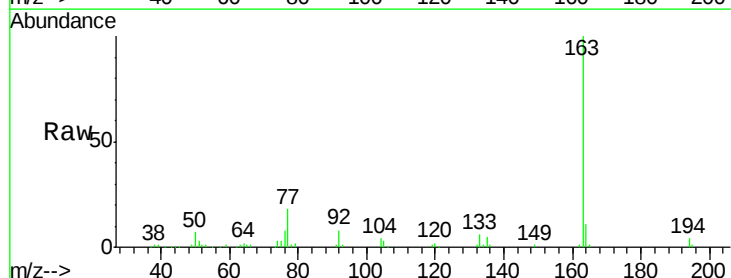


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

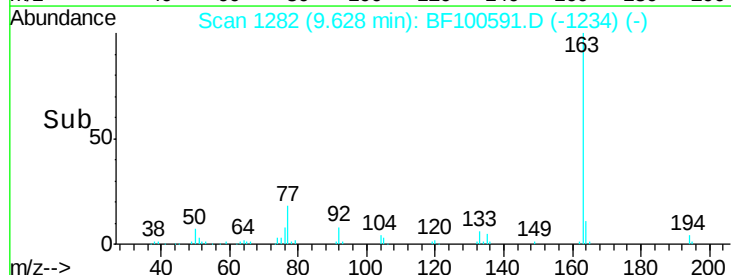
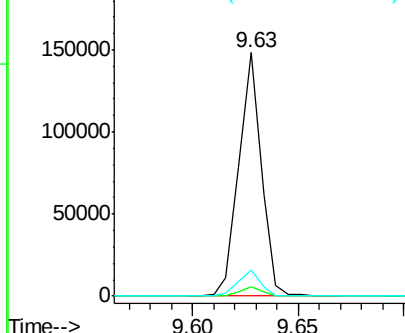


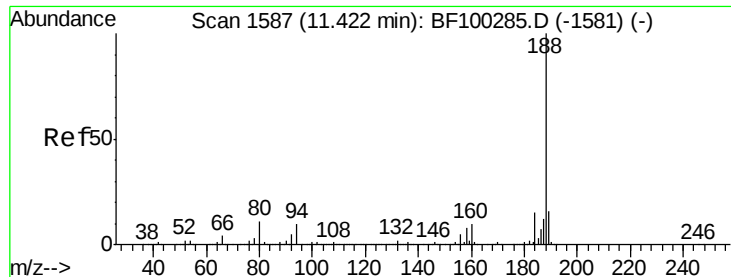
#49
Dimethylphthalate
Concen: 7.582 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion:163 Resp: 109198
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 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

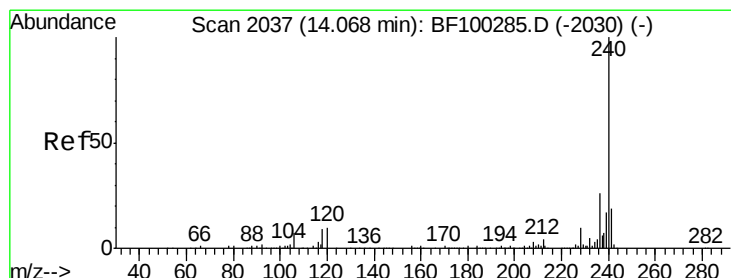
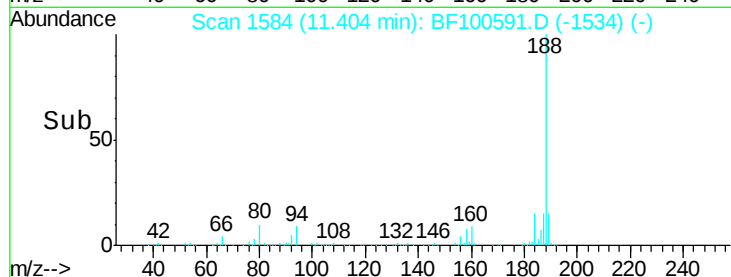
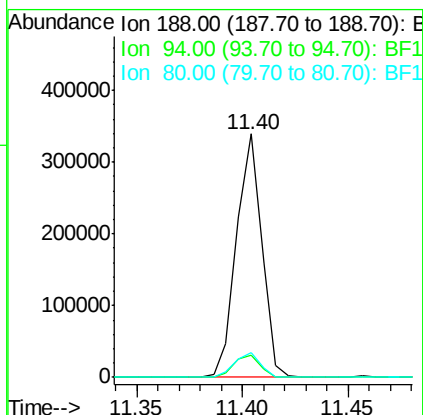
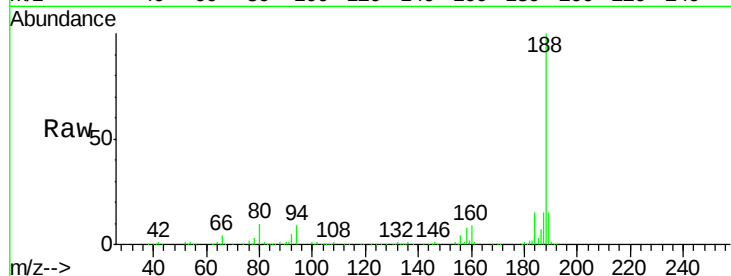




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

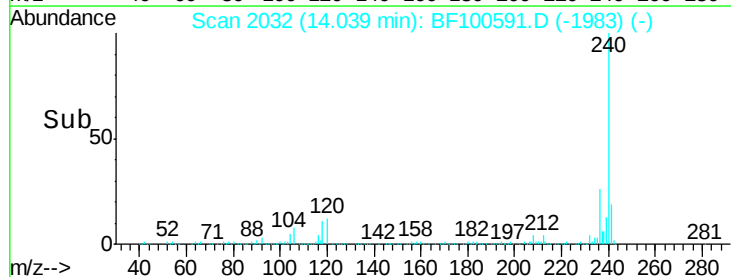
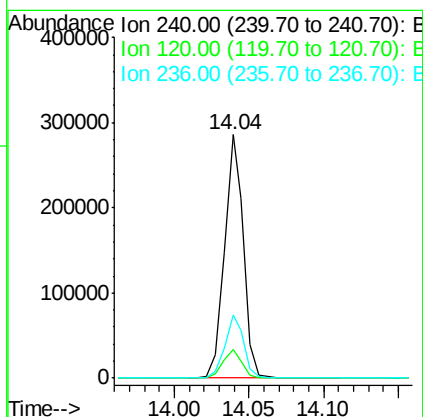
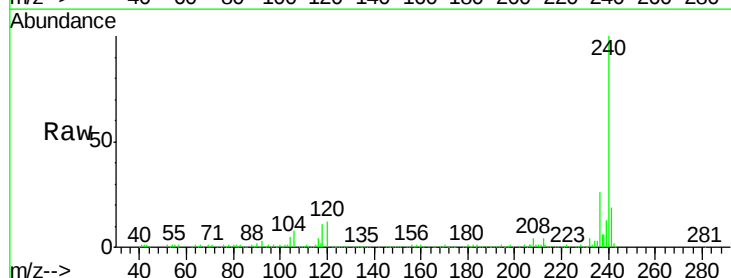
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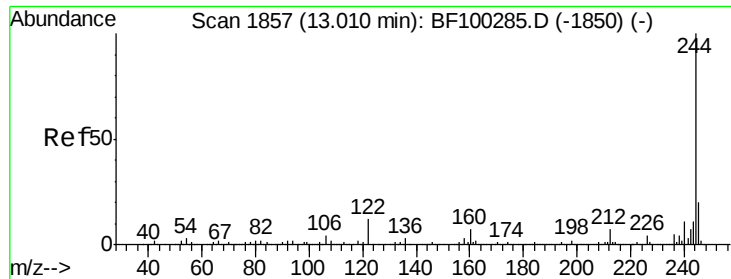
Tgt Ion:188 Resp: 279749
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100591.D
Acq: 15 Nov 2017 16:38

Tgt Ion:240 Resp: 255476
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.9 20.7 31.1

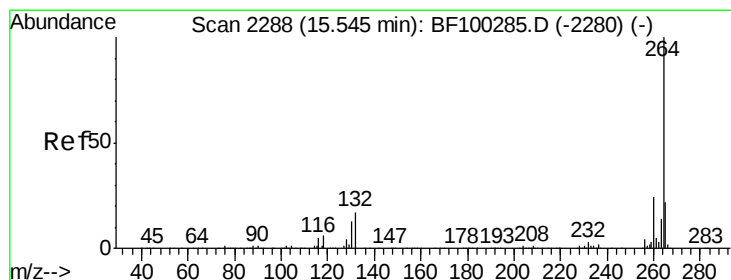
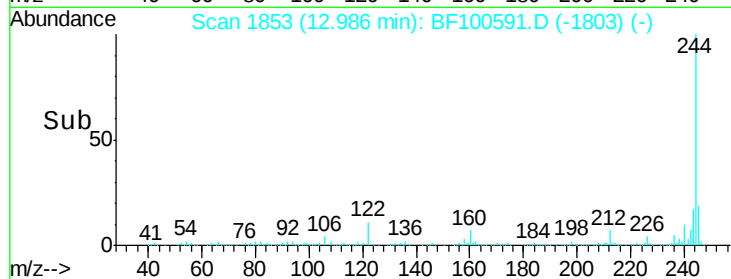
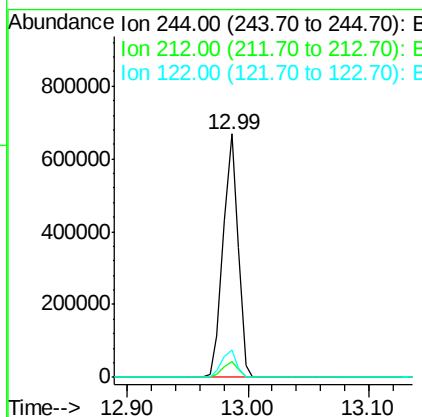
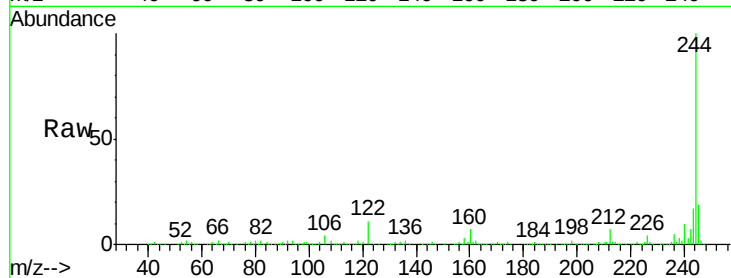




#78
 Terphenyl-d14
 Concen: 51.302 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100591.D
 Acq: 15 Nov 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(5-10)

Tgt Ion: 244 Resp: 570415
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.1 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: BF100591.D
 Acq: 15 Nov 2017 16:38

Tgt Ion: 264 Resp: 244718
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.2 17.5 26.3

