

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100785.D
 Acq On : 21 Nov 2017 17:25
 Operator : SJ/JU
 Sample : I6340-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-6B

Quant Time: Nov 22 06:14:35 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

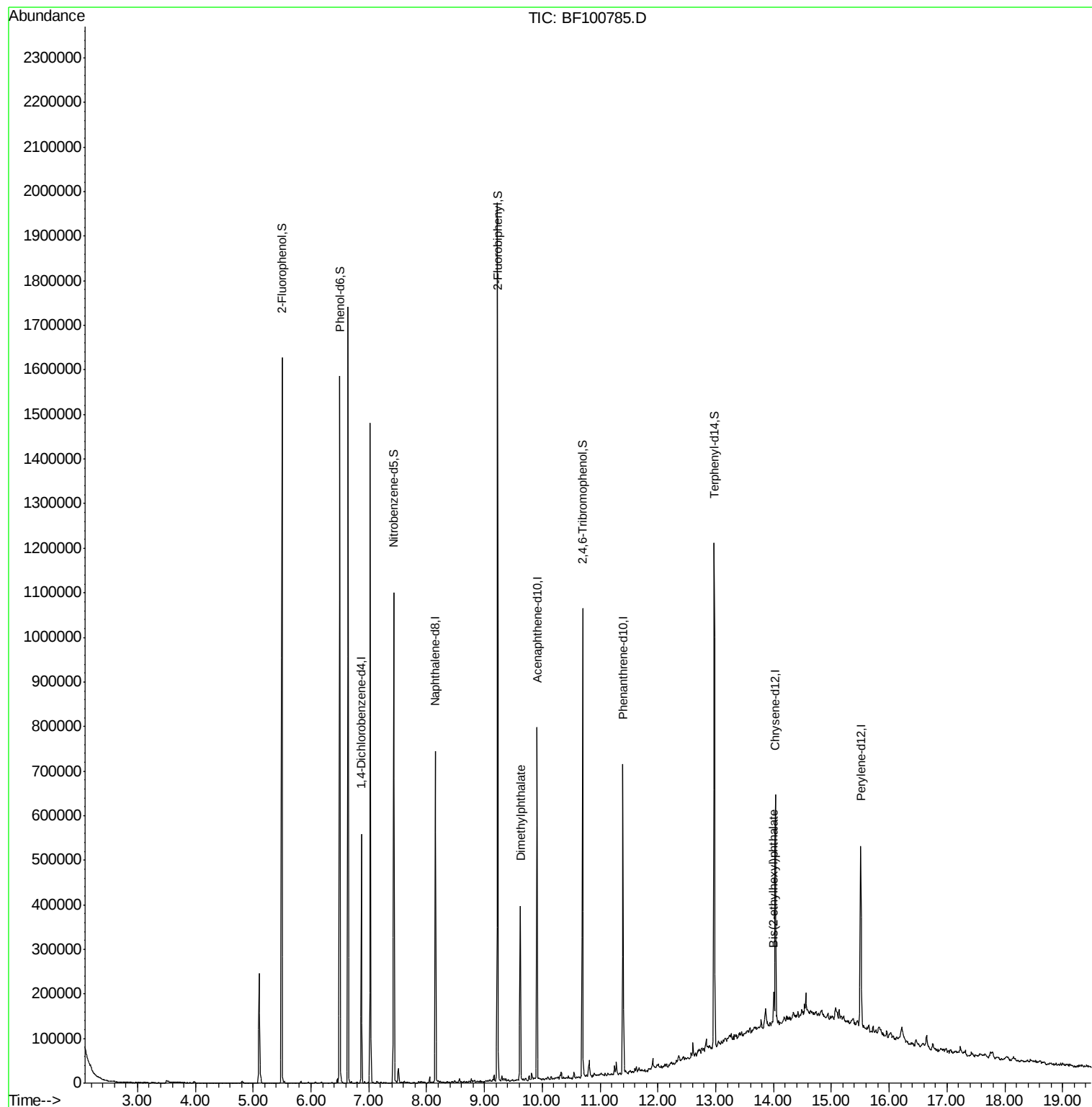
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85455	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	333131	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	147870	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	258328	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	171351	20.00	ng	-0.01
86) Perylene-d12	15.51	264	193101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	512661	96.17	ng	0.00
7) Phenol-d6	6.50	99	612755	93.21	ng	-0.01
23) Nitrobenzene-d5	7.43	82	362658	71.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	132170	87.72	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	580591	59.79	ng	-0.01
78) Terphenyl-d14	12.97	244	377145	50.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.62	163	163320	14.466	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	19962	3.047	ng	# 95

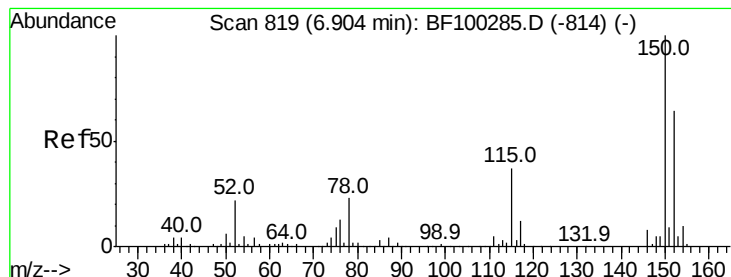
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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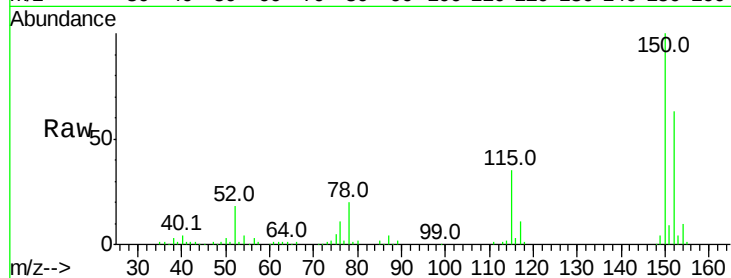


#1

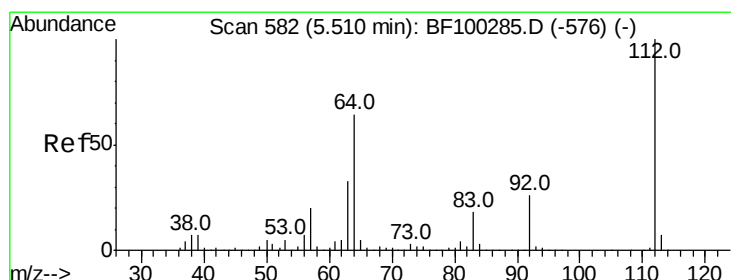
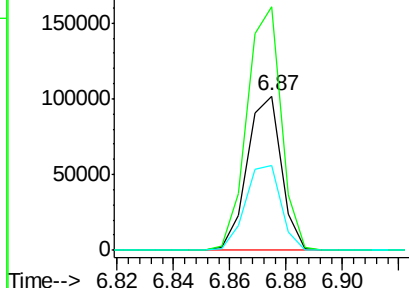
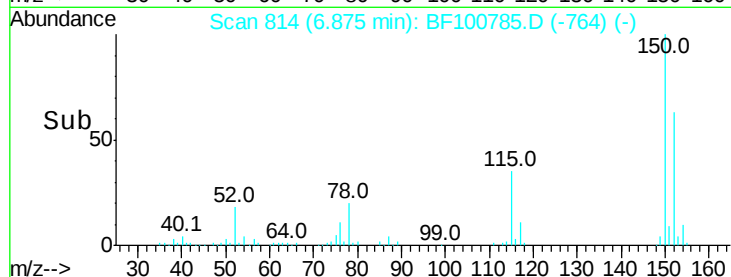
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Instrument :
BNA_F
ClientSampleId :
HL-6B

Tot Ion:152 Resp: 85455
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 54.8 50.1 75.1



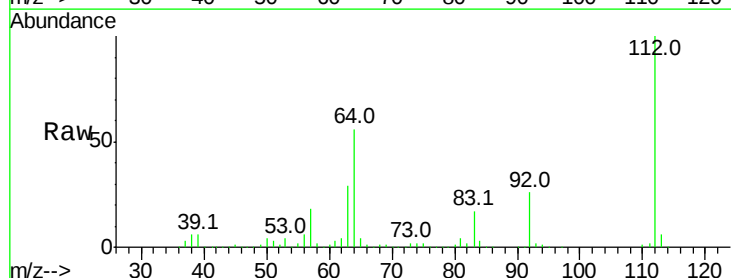
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



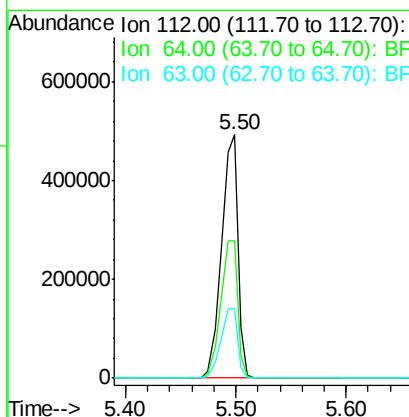
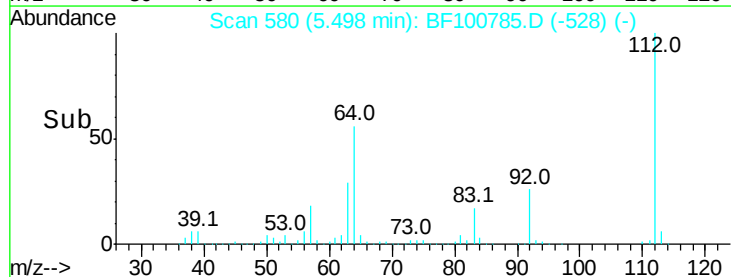
#5

2-Fluorophenol
Concen: 96.166 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Tgt Ion:112 Resp: 512661
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.6 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: 93.212 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Instrument :

BNA_F

ClientSampleId :

HL-6B

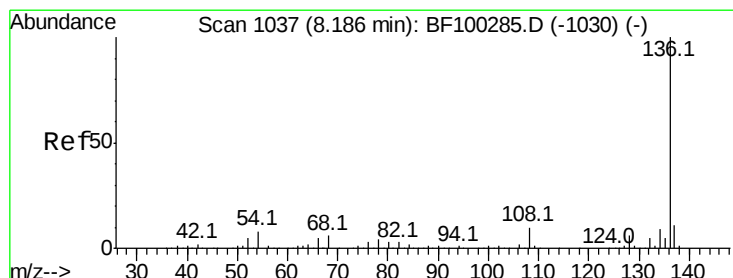
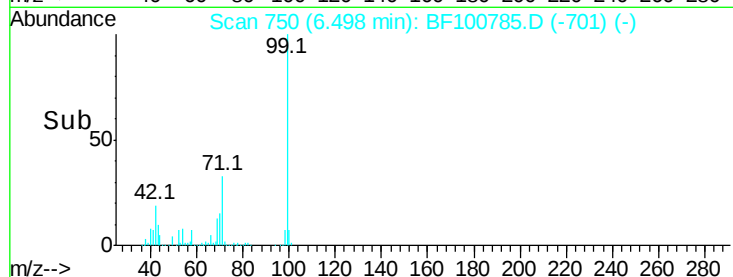
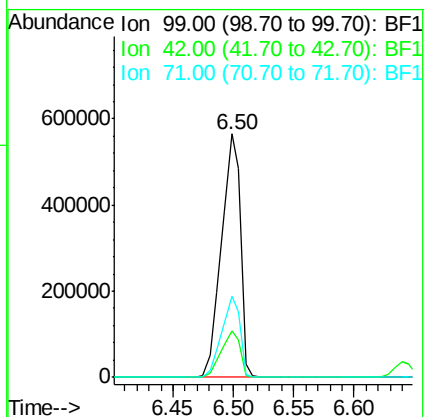
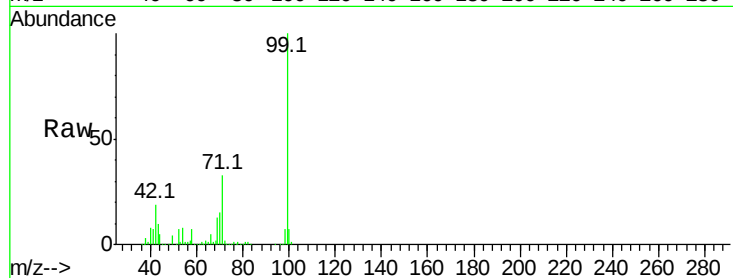
Tot Ion: 99 Resp: 612755

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Tgt Ion: 136 Resp: 333131

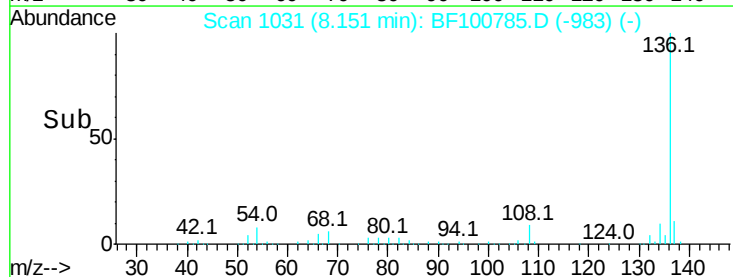
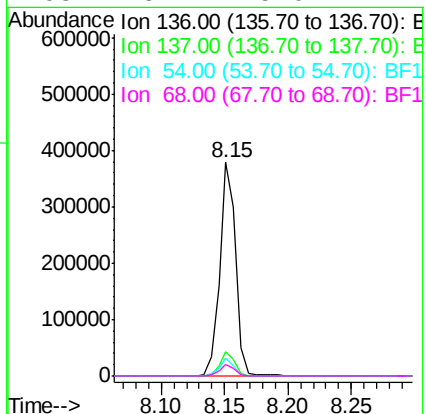
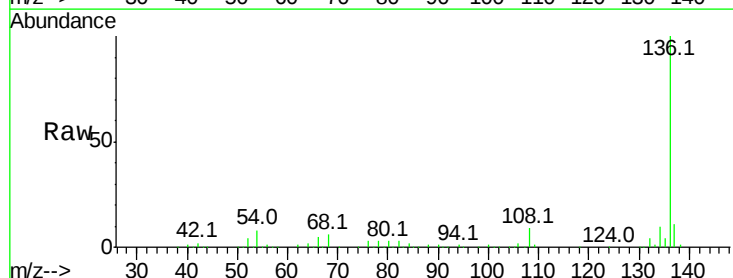
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

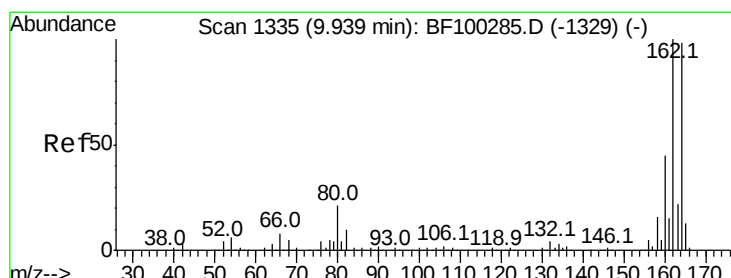
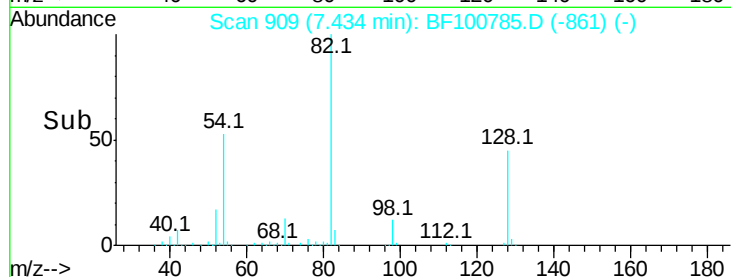
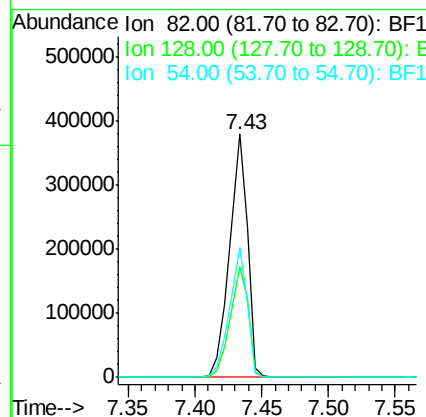
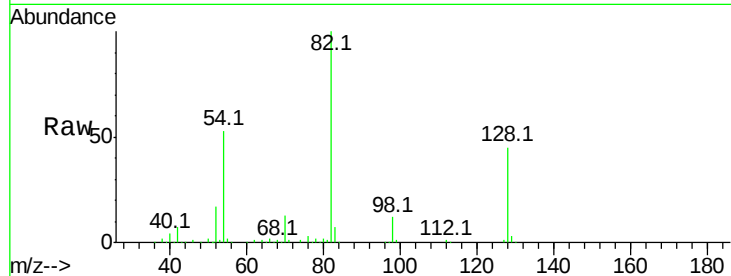




#23
 Nitrobenzene-d5
 Concen: 71.973 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

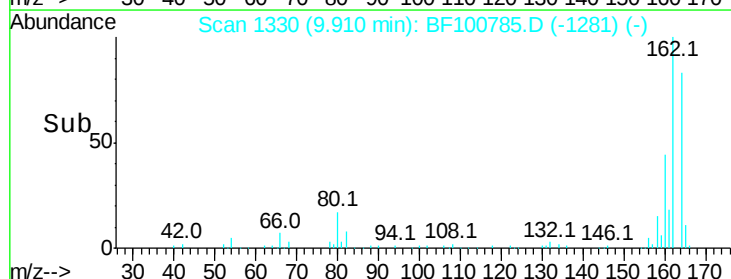
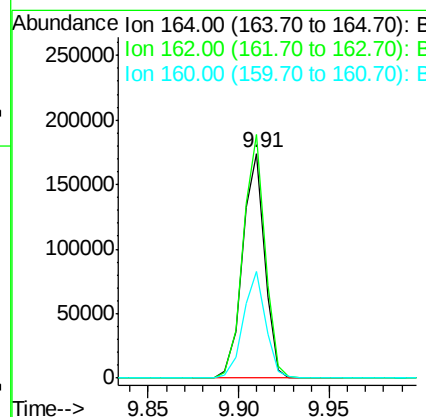
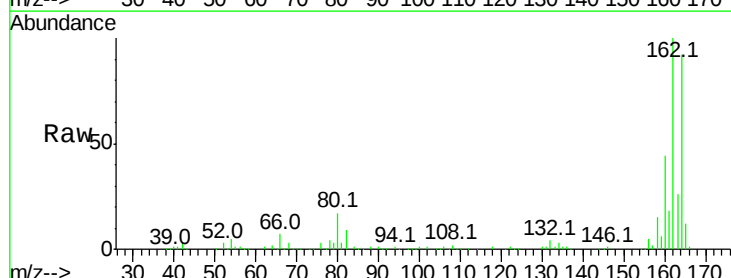
Instrument :
 BNA_F
 ClientSampleId :
 HL-6B

Tot Ion	82	Resp	362658
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	53.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Tgt Ion	164	Resp	147870
Ion	Ratio	Lower	Upper
164	100		
162	108.5	86.1	129.1
160	47.5	38.3	57.5

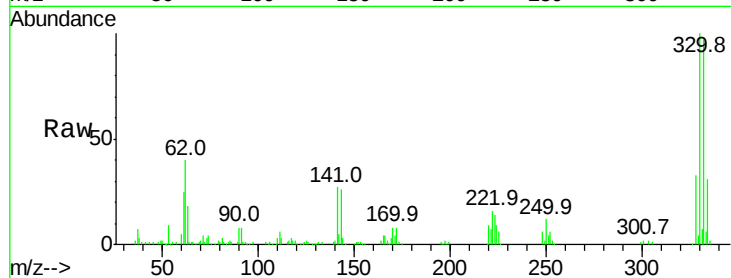




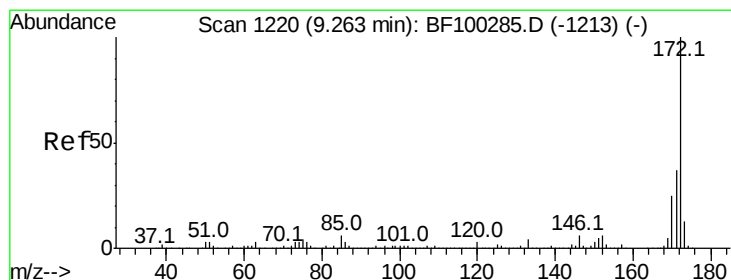
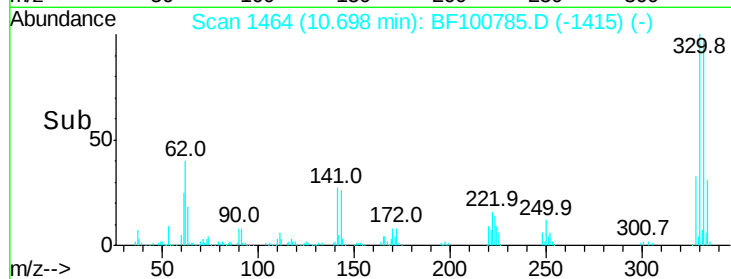
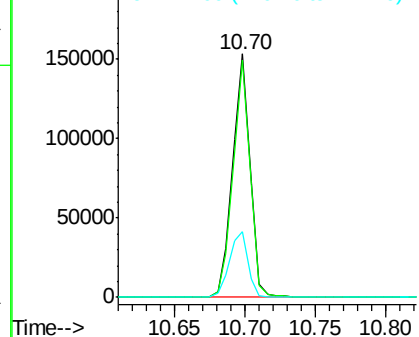
#41
 2,4,6-Tribromophenol
 Concen: 87.716 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 HL-6B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	29.0	29.9	44.9#

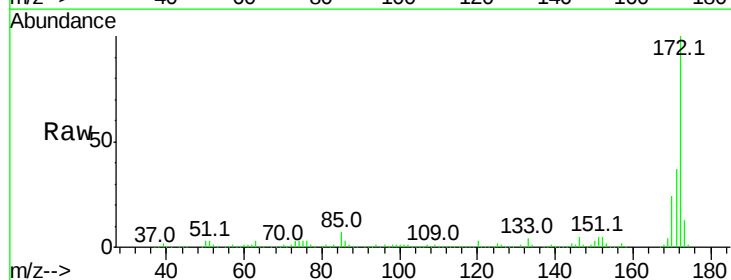


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

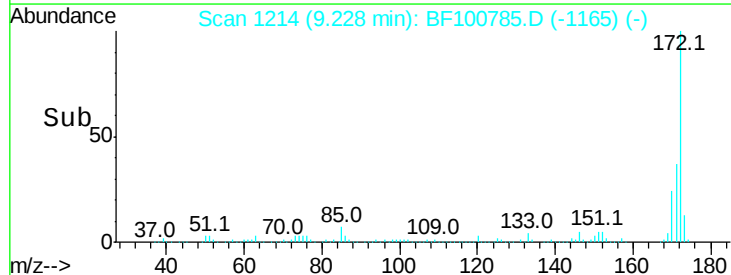
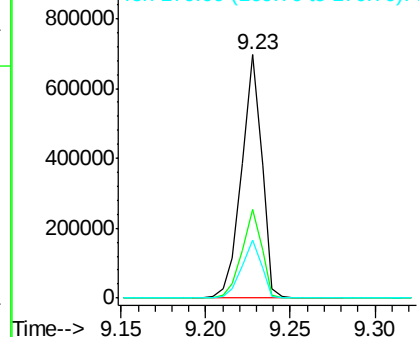


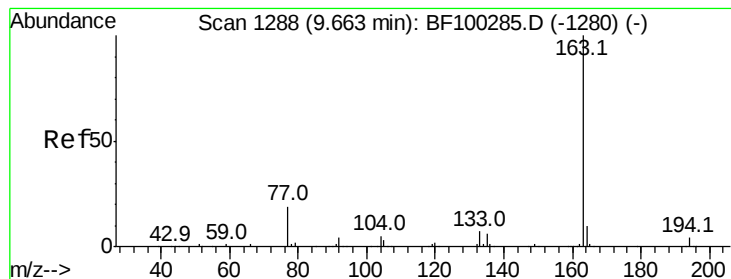
#44
 2-Fluorobiphenyl
 Concen: 59.787 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	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: 14.466 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Instrument :

BNA_F

ClientSampleId :

HL-6B

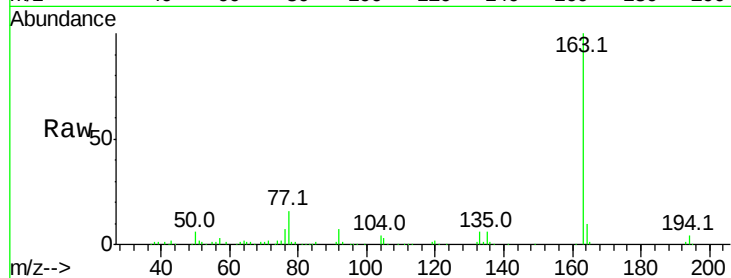
Tot Ion:163 Resp: 163320

Ion Ratio Lower Upper

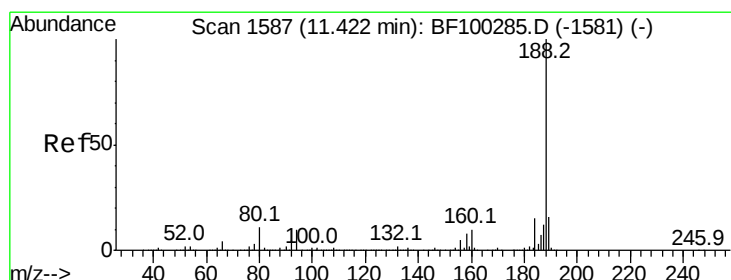
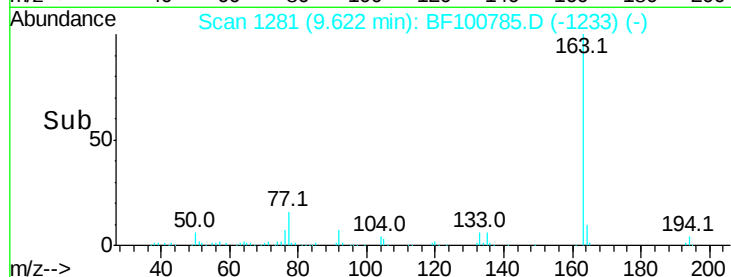
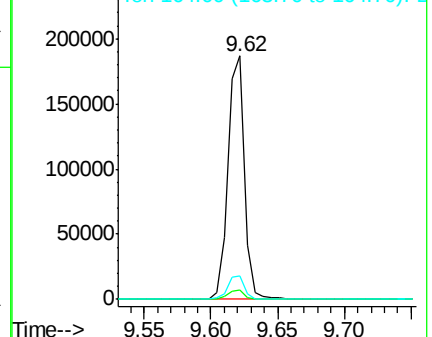
163 100

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: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

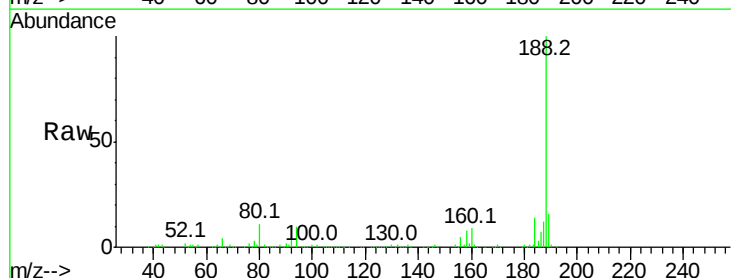
Tgt Ion:188 Resp: 258328

Ion Ratio Lower Upper

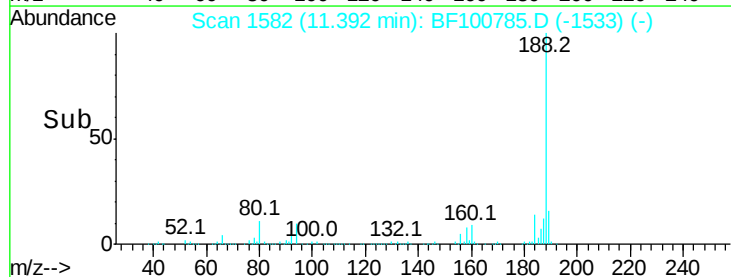
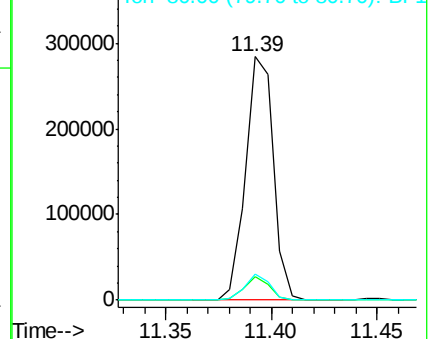
188 100

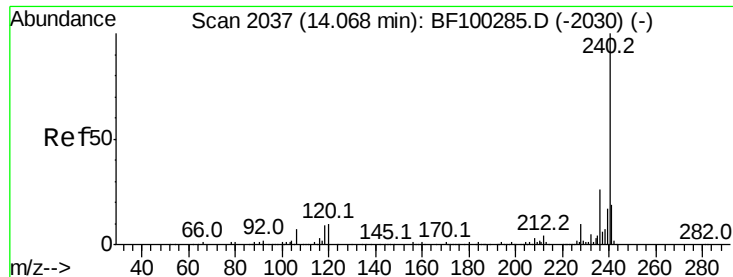
94 9.8 8.5 12.7

80 10.8 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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Instrument :

BNA_F

ClientSampleId :

HL-6B

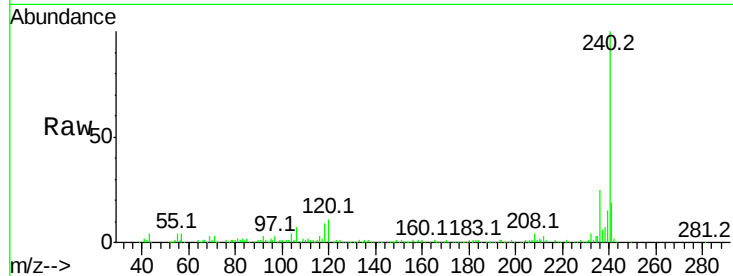
Tot Ion:240 Resp: 171351

Ion Ratio Lower Upper

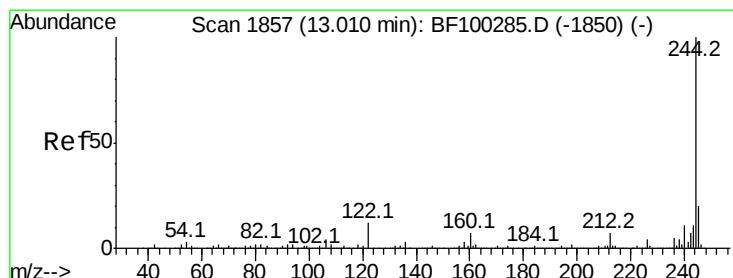
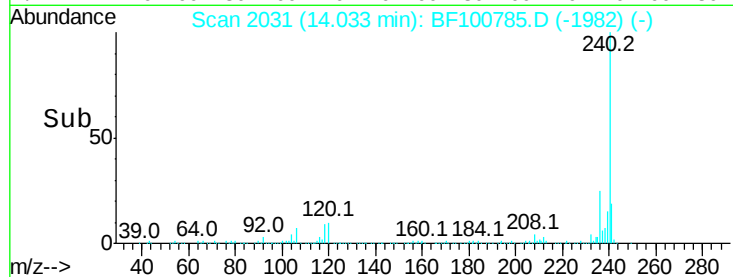
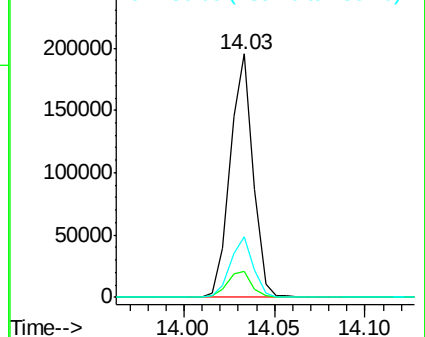
240 100

120 10.5 9.5 14.3

236 24.7 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: 50.573 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

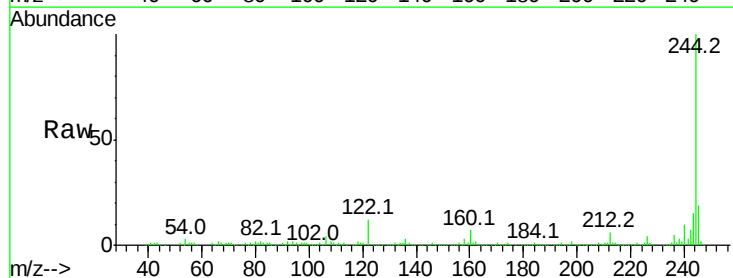
Tgt Ion:244 Resp: 377145

Ion Ratio Lower Upper

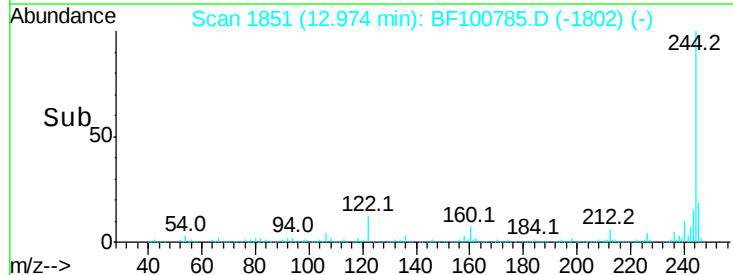
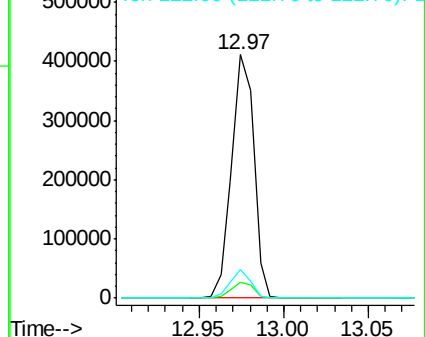
244 100

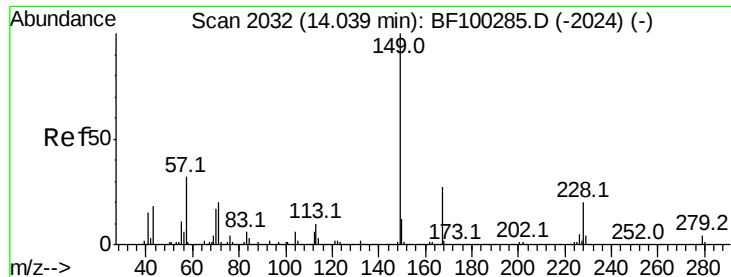
212 6.3 5.4 8.0

122 11.9 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

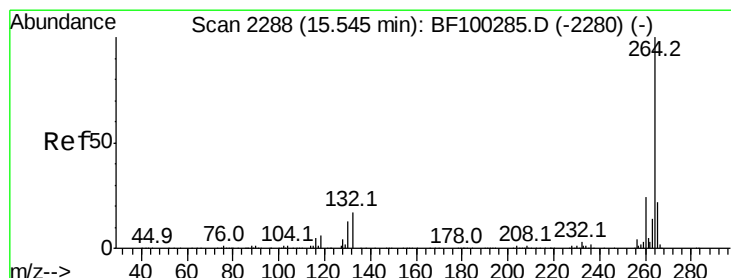
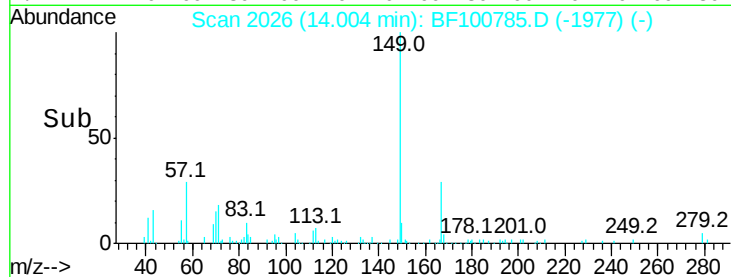
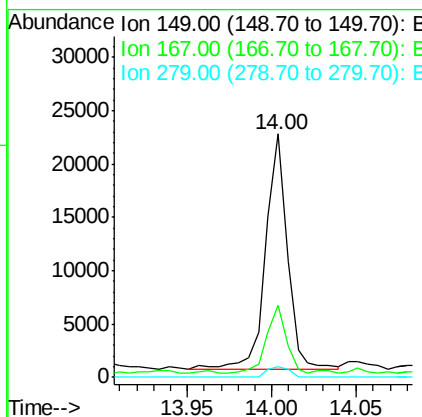
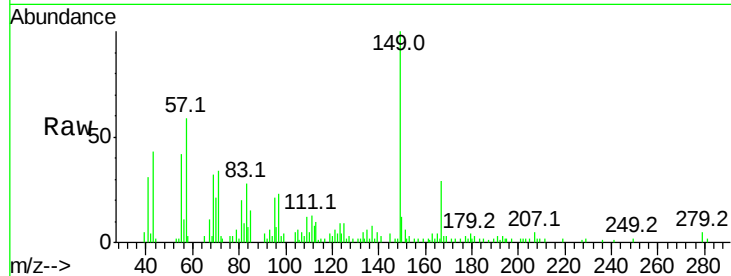




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.047 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 HL-6B

Tot Ion:149 Resp: 19962
 Ion Ratio Lower Upper
 149 100
 167 29.5 21.3 31.9
 279 4.5 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Tgt Ion:264 Resp: 193101
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 17.5 26.3

