

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100633.D
 Acq On : 16 Nov 2017 16:25
 Operator : SJ/JU
 Sample : I6302-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-C

Quant Time: Nov 16 17:24:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	95366	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	349764	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	143660	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	232544	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	225678	20.00	ng	-0.03
86) Perylene-d12	15.52	264	249114	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	108745	18.28	ng	-0.02
7) Phenol-d6	6.49	99	134425	18.32	ng	-0.03
23) Nitrobenzene-d5	7.44	82	76681	14.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	17353	11.85	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	134580	14.26	ng	-0.03
78) Terphenyl-d14	12.98	244	99117	10.09	ng	-0.03

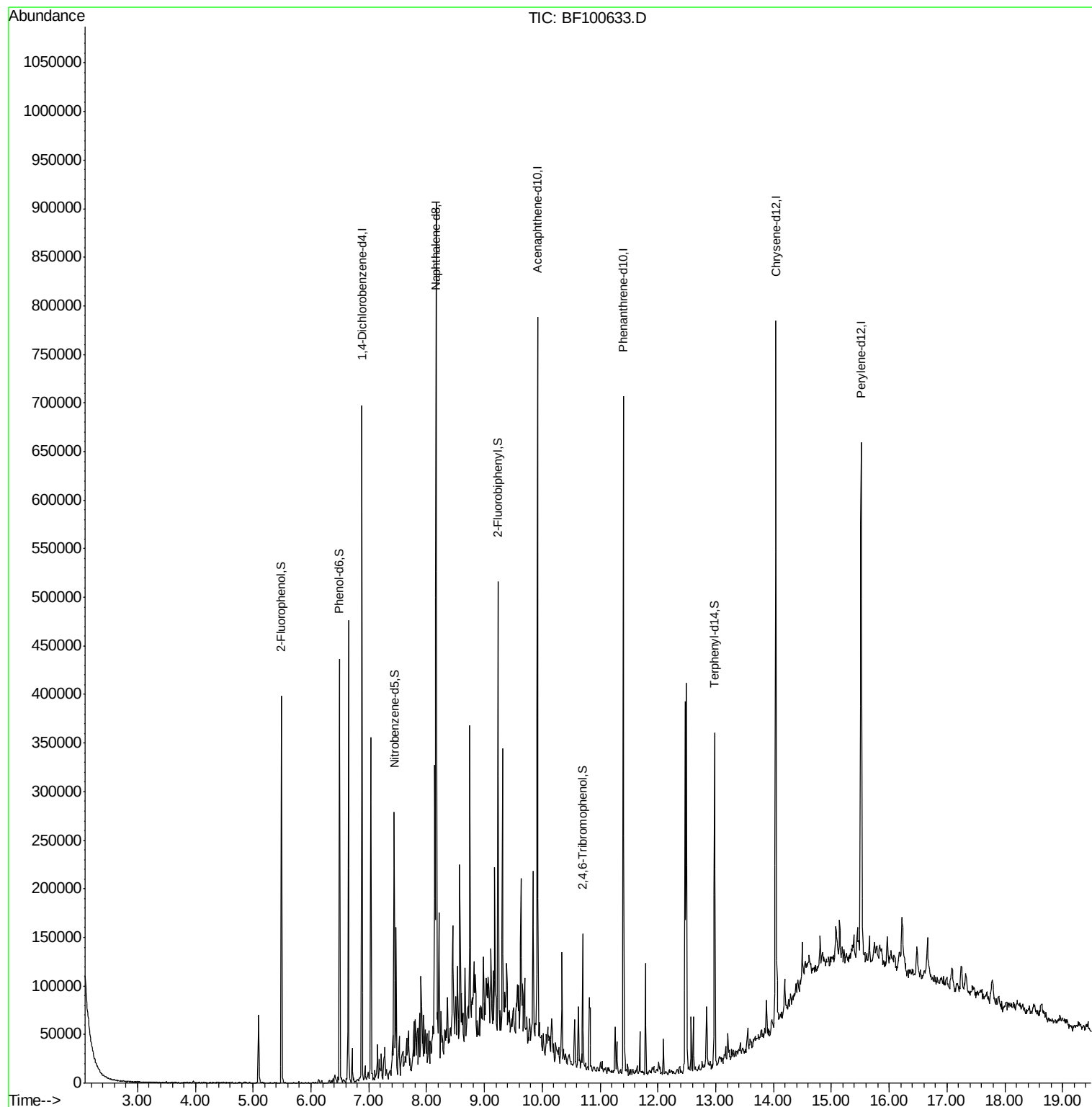
Target Compounds Qvalue

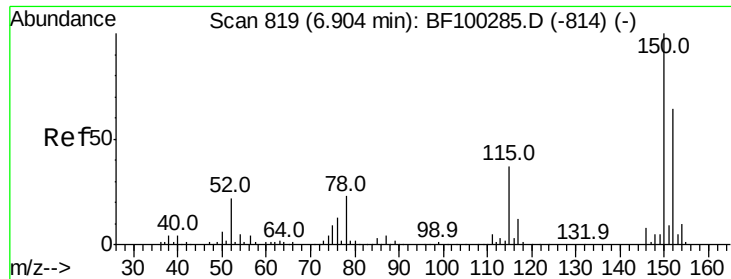
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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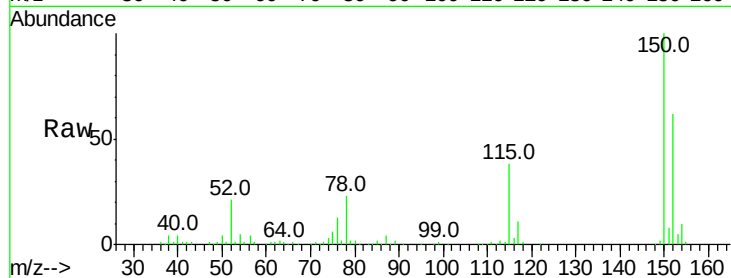


#1

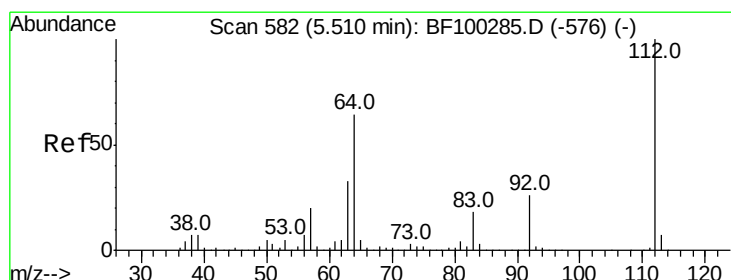
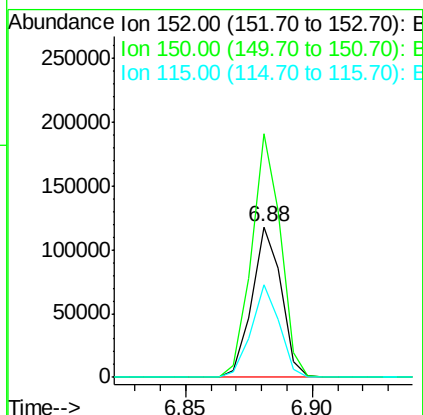
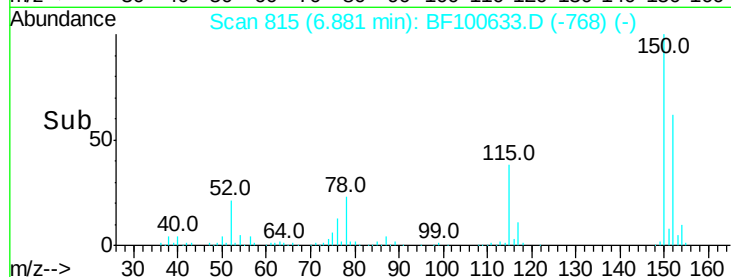
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tot Ion:152 Resp: 95366
Ion Ratio Lower Upper
152 100
150 162.1 124.6 186.8
115 61.3 50.1 75.1



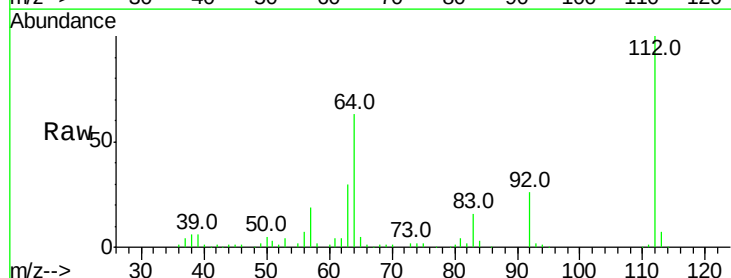
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



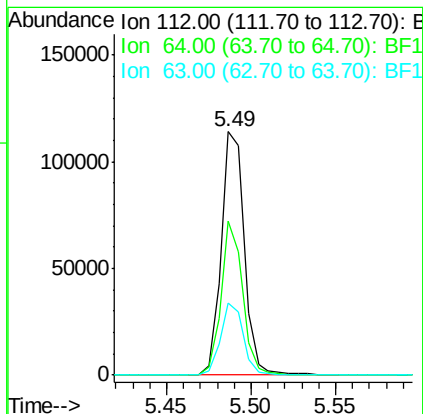
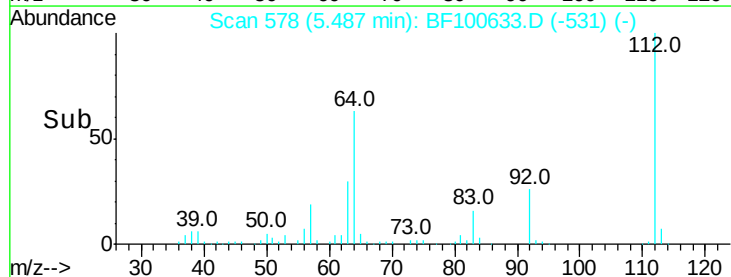
#5

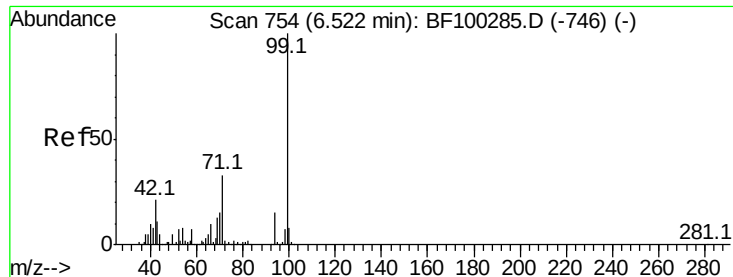
2-Fluorophenol
Concen: 18.279 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:112 Resp: 108745
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 29.7 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: 18.323 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100633.D

Acq: 16 Nov 2017 16:25

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-C

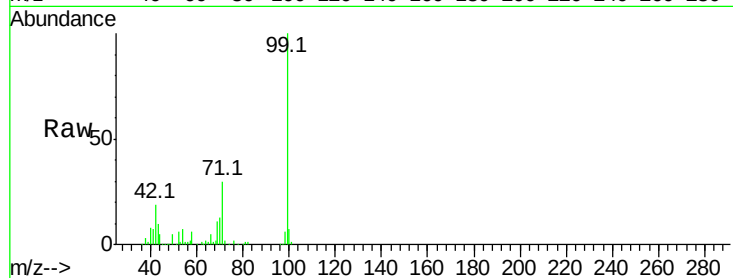
Tot Ion: 99 Resp: 134425

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

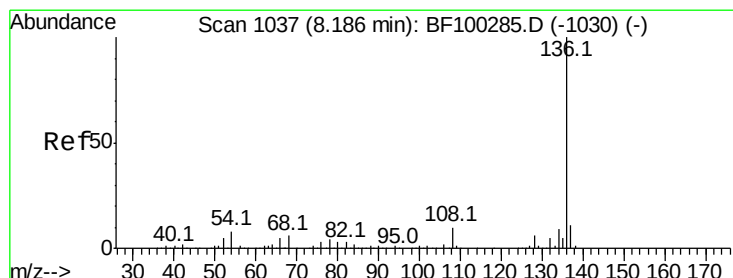
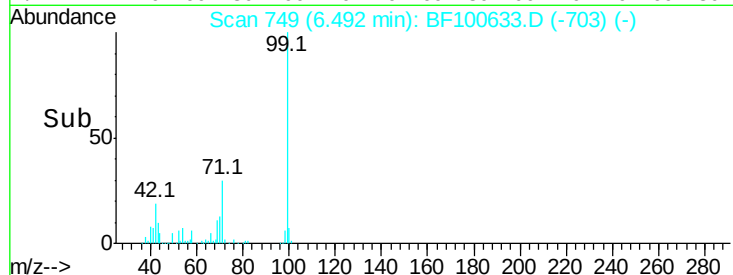
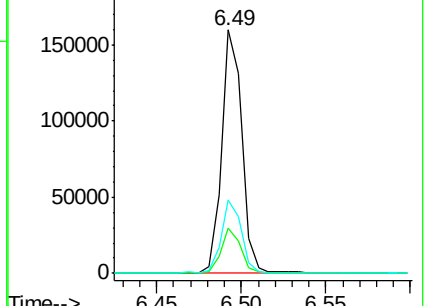
71 30.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100633.D

Acq: 16 Nov 2017 16:25

Tgt Ion: 136 Resp: 349764

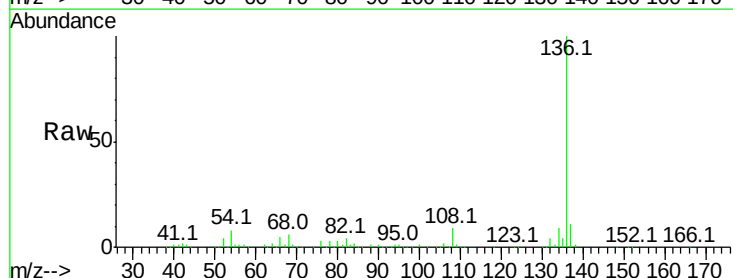
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 6.6 9.8

68 5.9 5.0 7.4

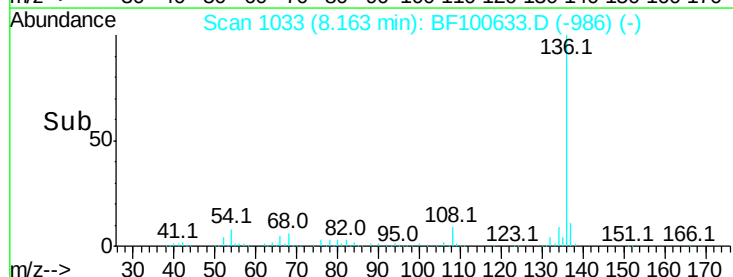
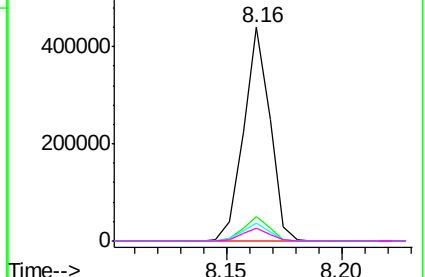


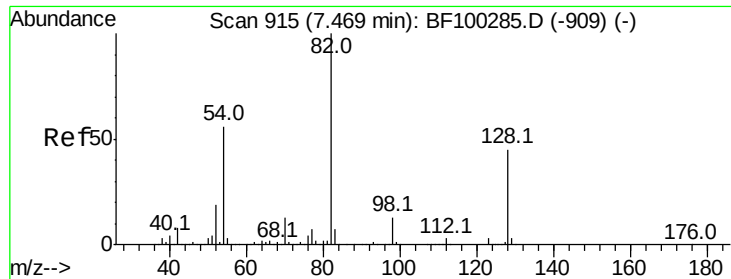
Abundance Ion 136.00 (135.70 to 136.70): E

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

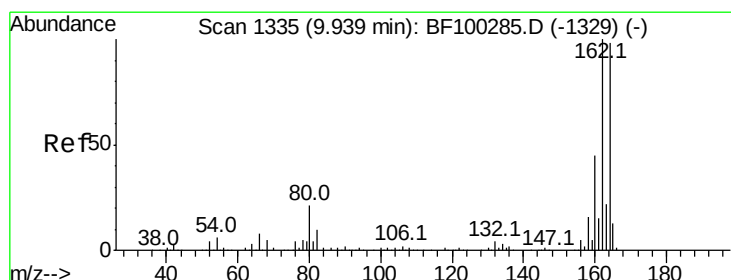
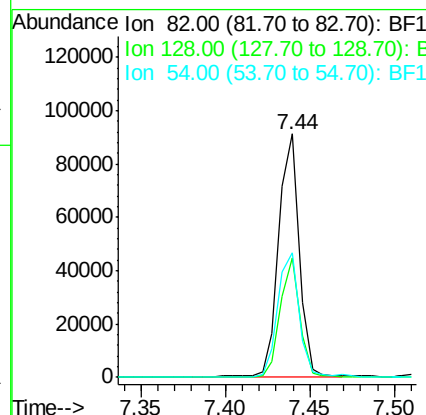
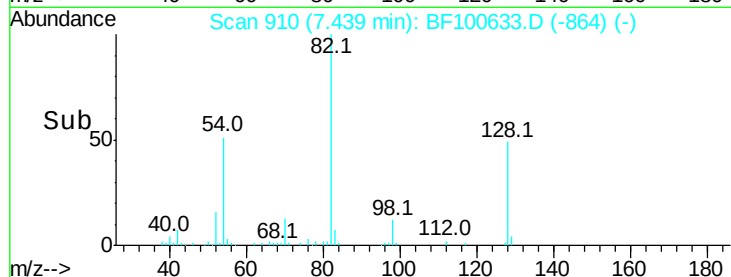
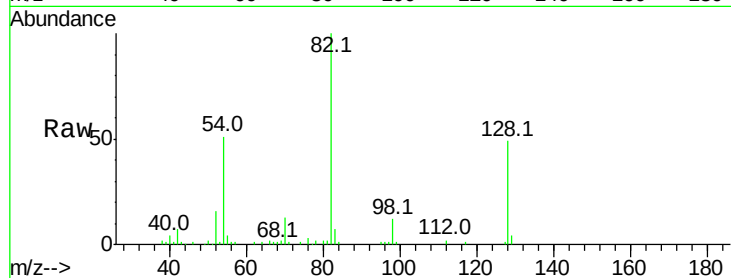




#23
Nitrobenzene-d5
Concen: 14.494 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

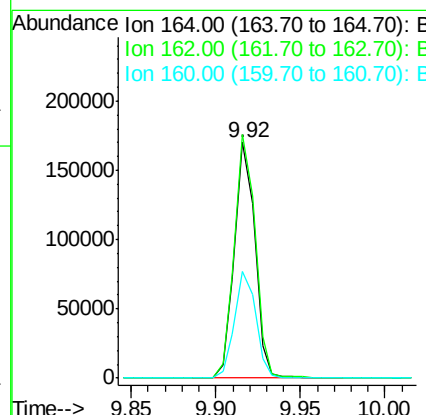
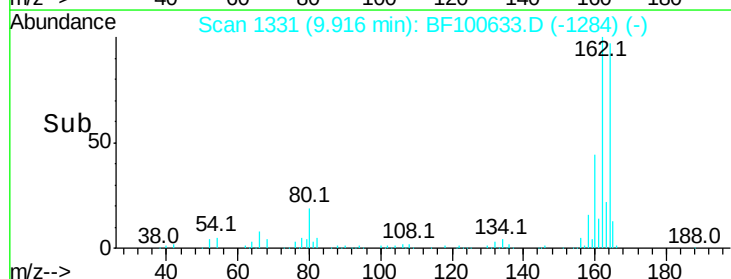
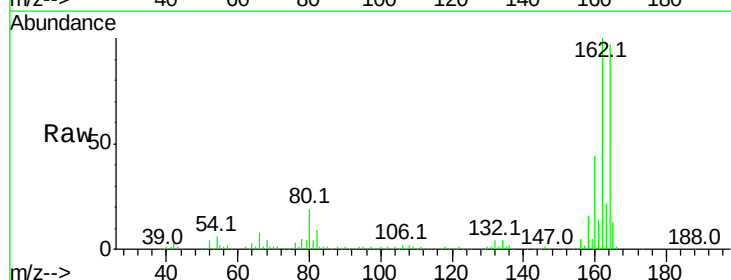
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

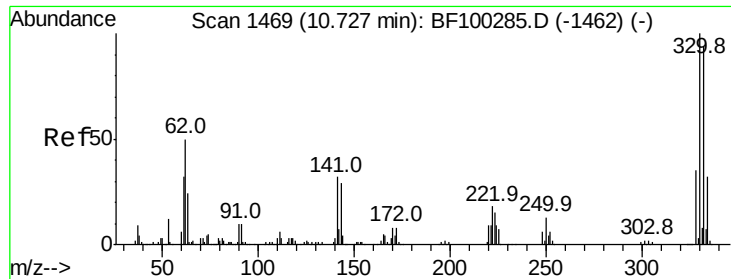
Tot Ion: 82 Resp: 76681
Ion Ratio Lower Upper
82 100
128 48.9 36.1 54.1
54 51.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:164 Resp: 143660
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.1 38.3 57.5

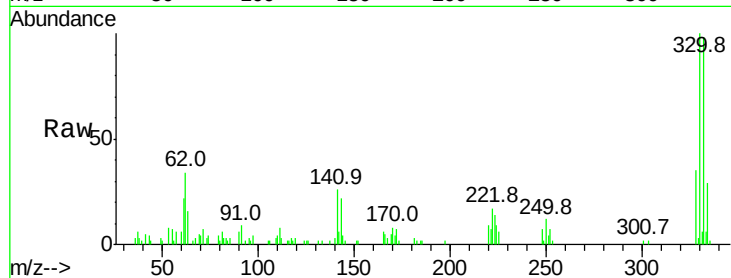




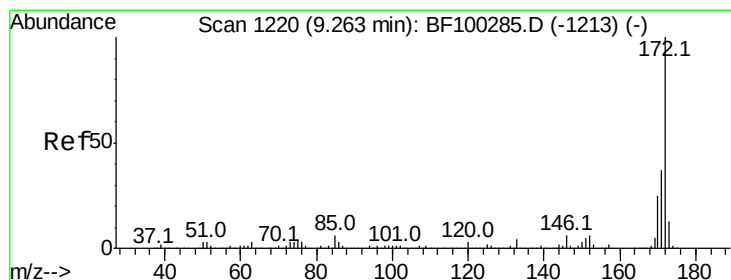
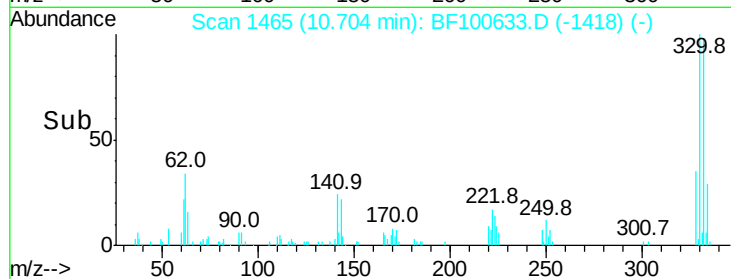
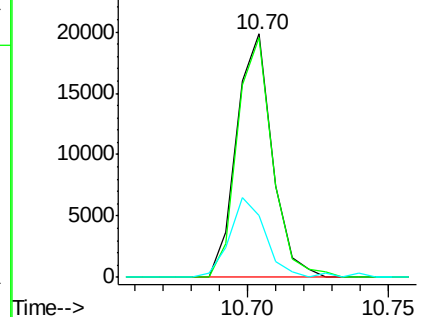
#41
 2,4,6-Tribromophenol
 Concen: 11.854 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF100633.D
 Acq: 16 Nov 2017 16:25

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	32.4	29.9	44.9

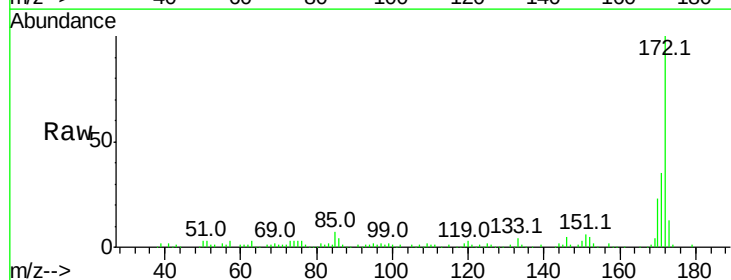


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

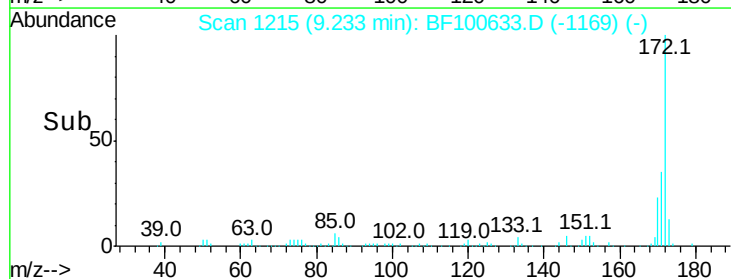
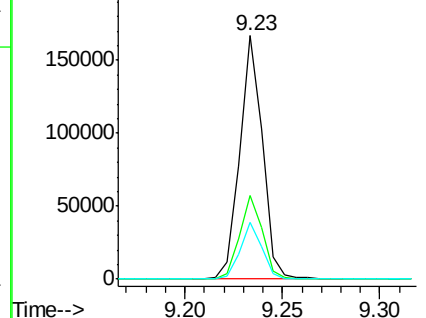


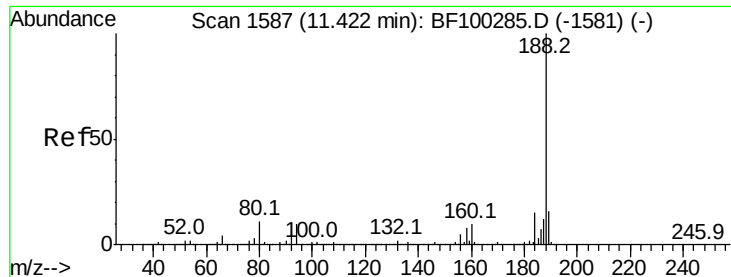
#44
 2-Fluorobiphenyl
 Concen: 14.265 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: BF100633.D
 Acq: 16 Nov 2017 16:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.1	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

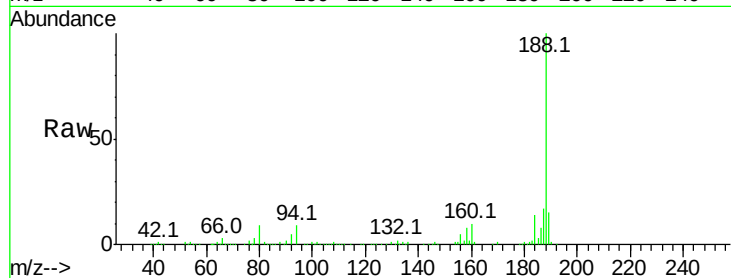




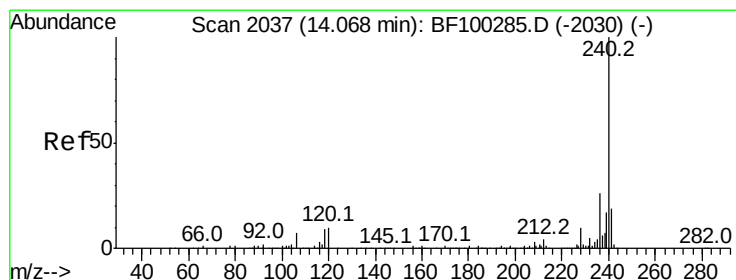
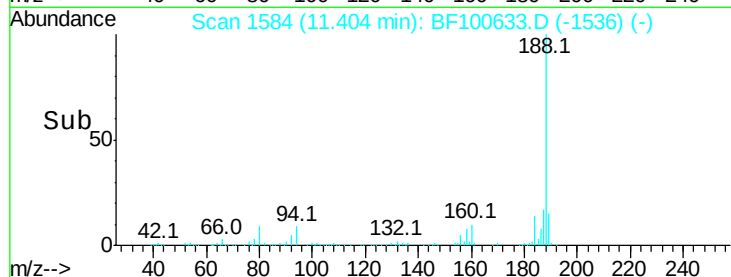
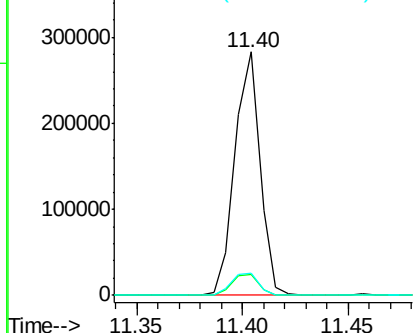
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-C

Tot Ion:188 Resp: 232544
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.3 9.2 13.8

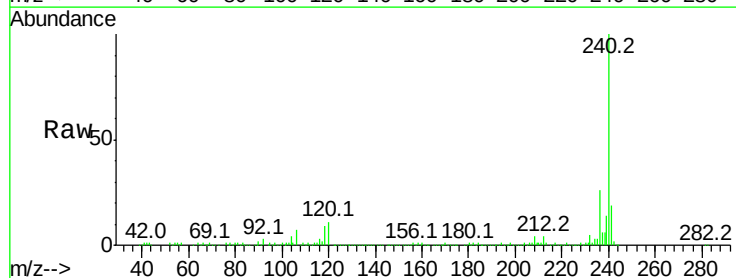


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

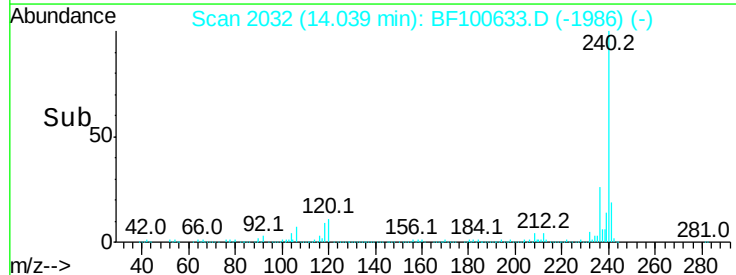
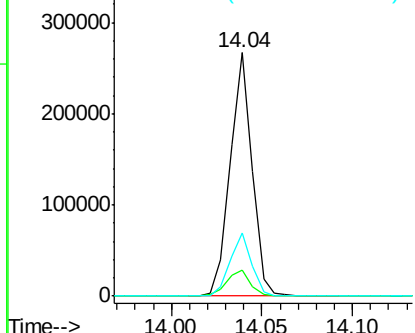


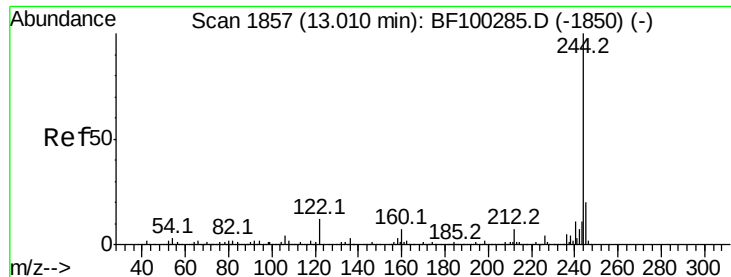
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.03 min
Lab File: BF100633.D
Acq: 16 Nov 2017 16:25

Tgt Ion:240 Resp: 225678
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.1 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: 10.091 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.03 min

Lab File: BF100633.D

Acq: 16 Nov 2017 16:25

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-C

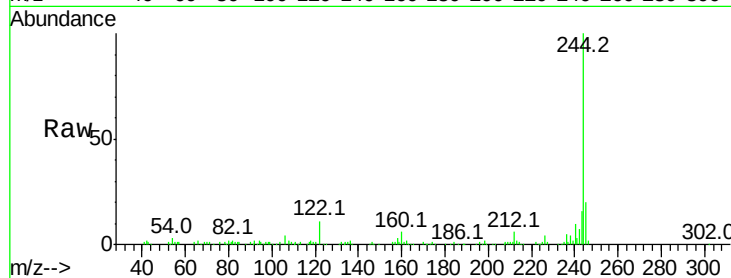
Tot Ion:244 Resp: 99117

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

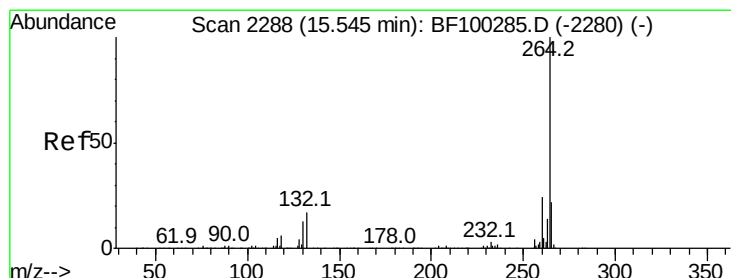
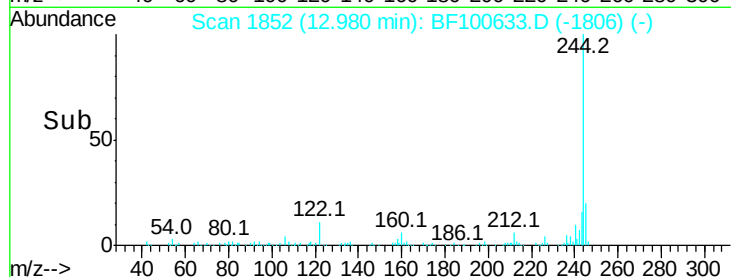
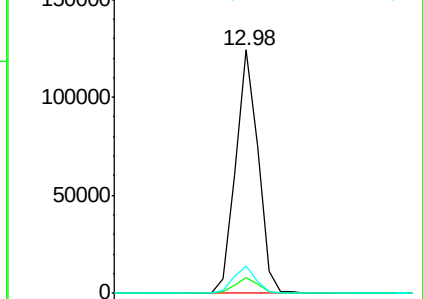
122 11.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.03 min

Lab File: BF100633.D

Acq: 16 Nov 2017 16:25

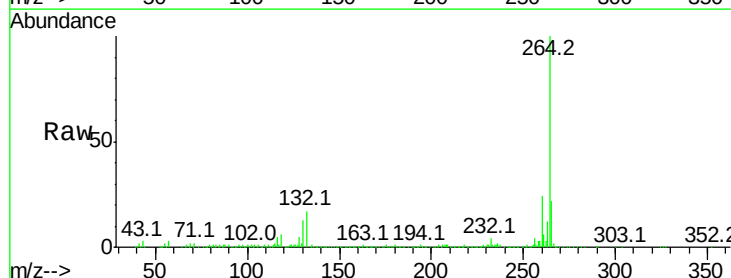
Tgt Ion:264 Resp: 249114

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 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

