

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100533.D
 Acq On : 14 Nov 2017 9:00
 Operator : SJ/JU
 Sample : I6307-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-C

Quant Time: Nov 14 11:03:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132119	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	503865	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	204310	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	303244	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	270041	20.00	ng	-0.02
86) Perylene-d12	15.53	264	208352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1006562	122.13	ng	0.01
7) Phenol-d6	6.52	99	1088106	107.06	ng	0.00
23) Nitrobenzene-d5	7.46	82	863065	113.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	268243	128.84	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1473707	109.83	ng	-0.01
78) Terphenyl-d14	13.00	244	1039333	88.43	ng	-0.01

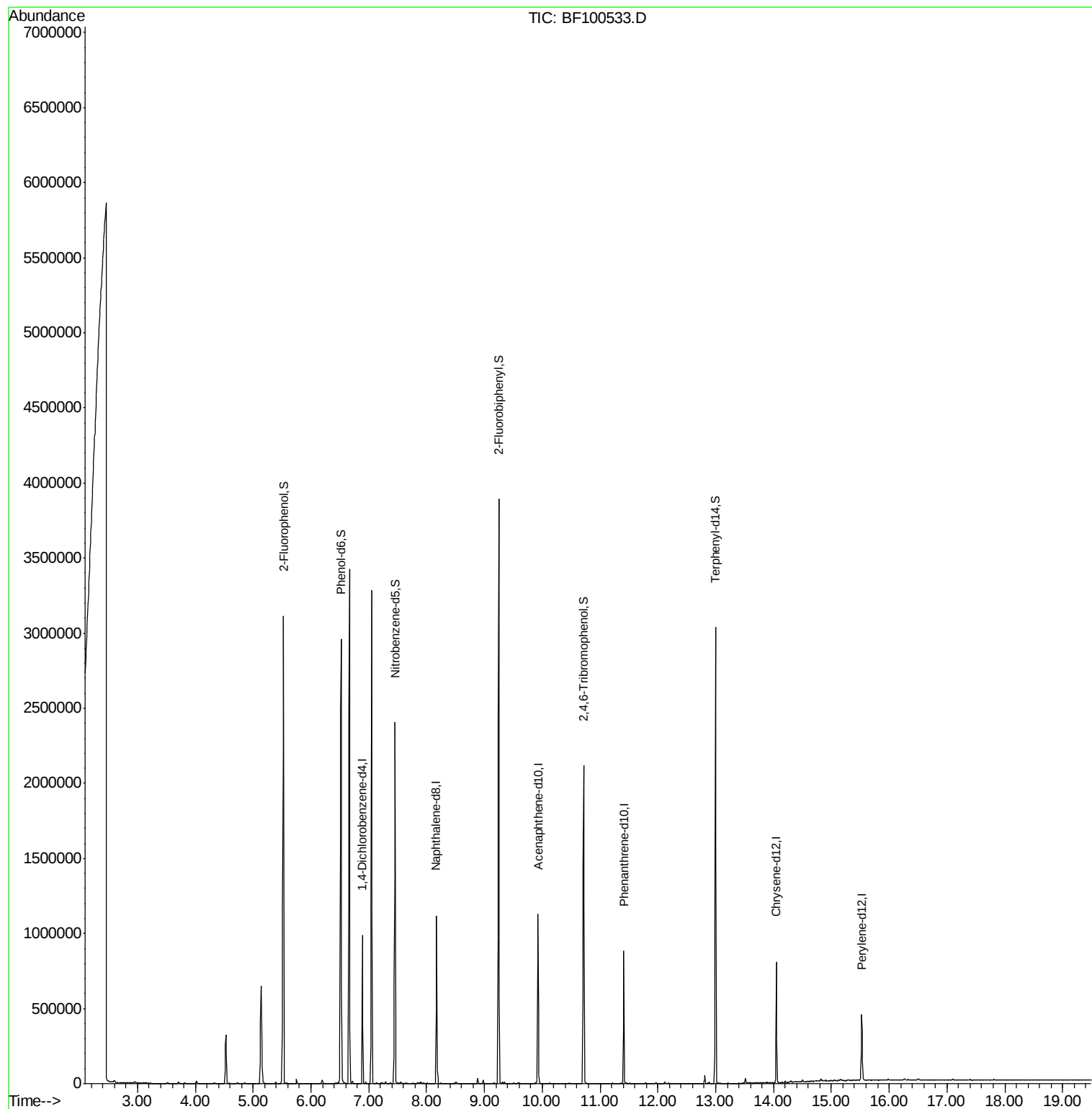
Target Compounds Qvalue

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

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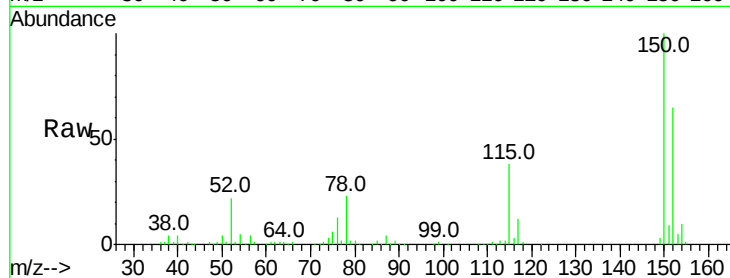


#1

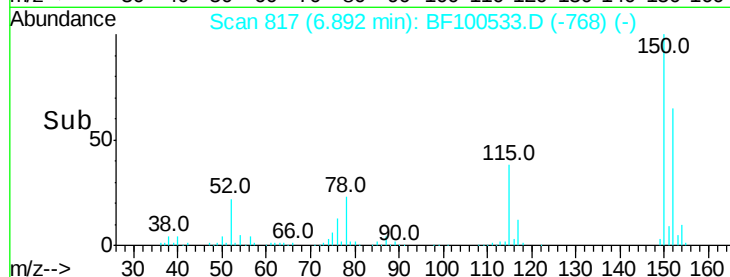
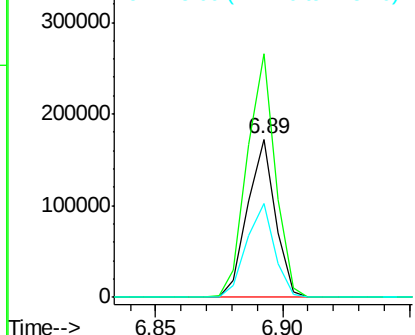
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tot Ion:152 Resp: 132119
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 59.2 50.1 75.1



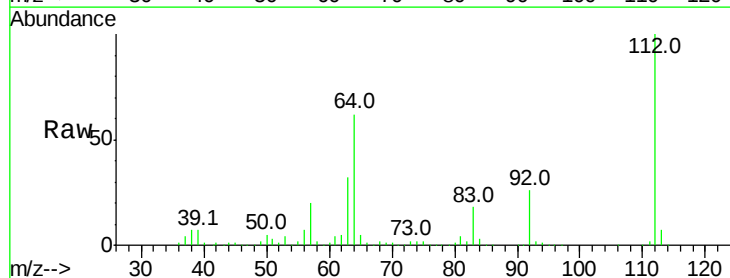
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



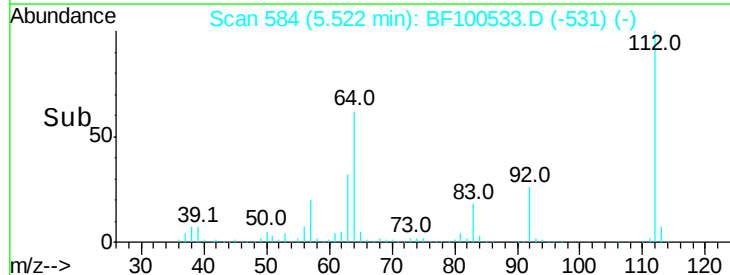
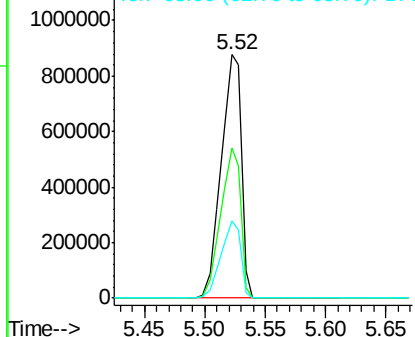
#5

2-Fluorophenol
Concen: 122.125 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion:112 Resp: 1006562
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.8 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: 107.060 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-C

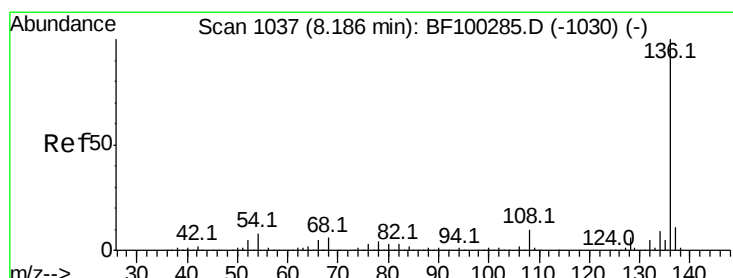
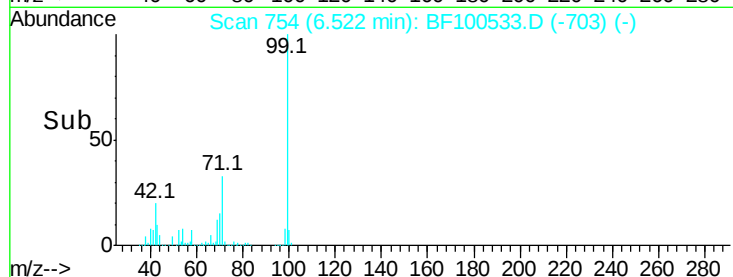
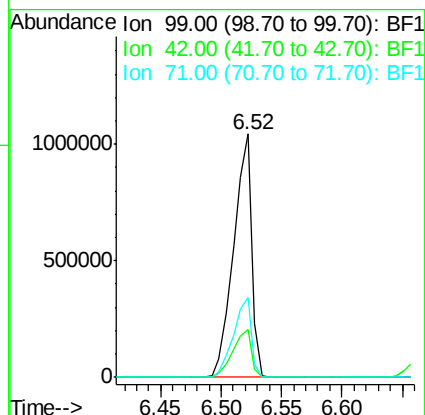
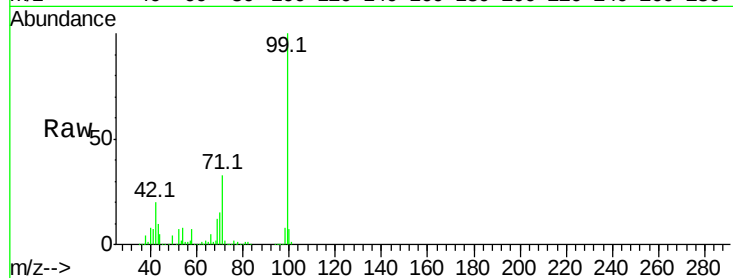
Tot Ion: 99 Resp: 1088106

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Tgt Ion: 136 Resp: 503865

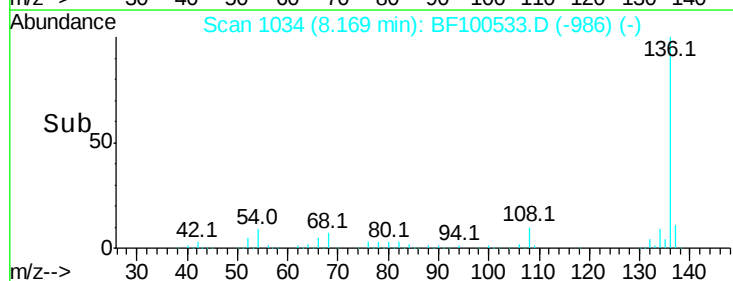
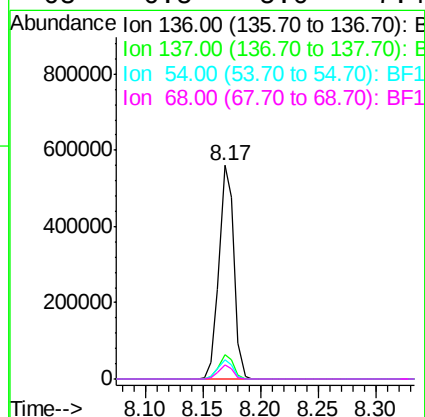
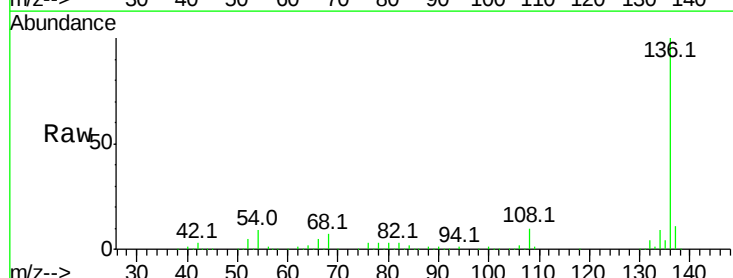
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.0 6.6 9.8

68 6.5 5.0 7.4

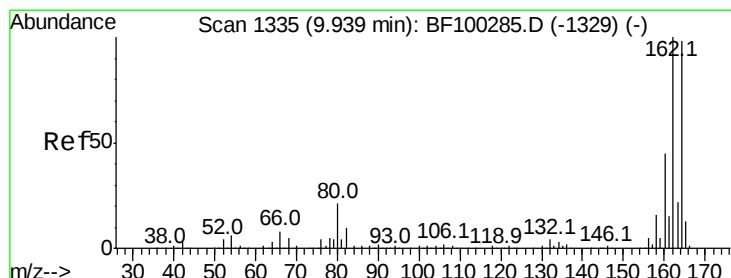
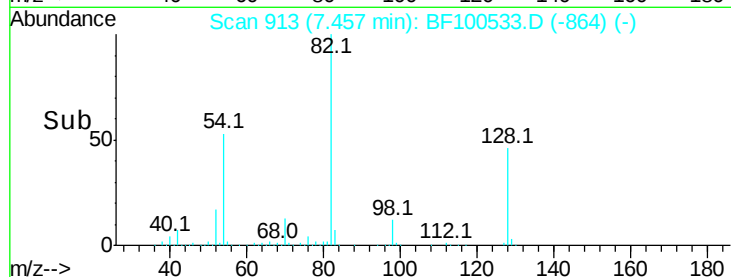
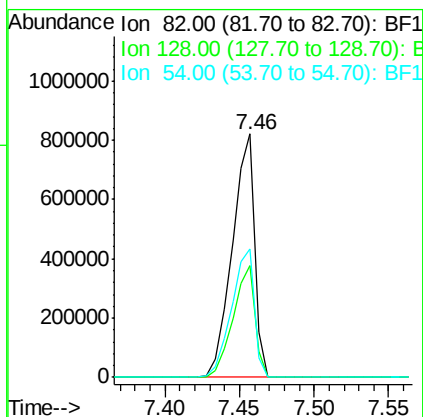
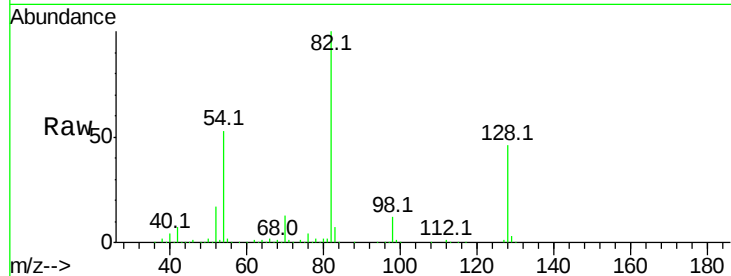




#23
 Nitrobenzene-d5
 Concen: 113.245 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100533.D
 Acq: 14 Nov 2017 9:00

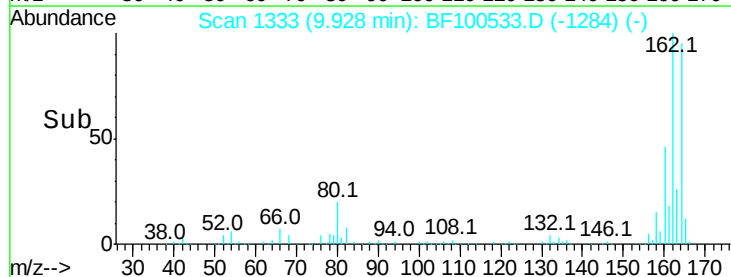
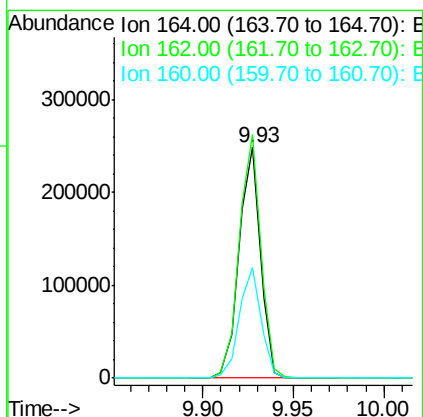
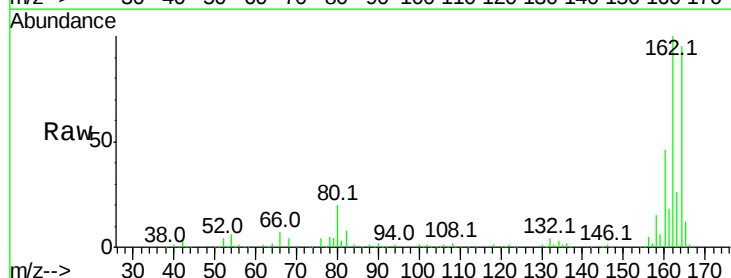
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-C

Tot Ion: 82 Resp: 863065
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 52.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF100533.D
 Acq: 14 Nov 2017 9:00

Tgt Ion: 164 Resp: 204310
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 48.1 38.3 57.5

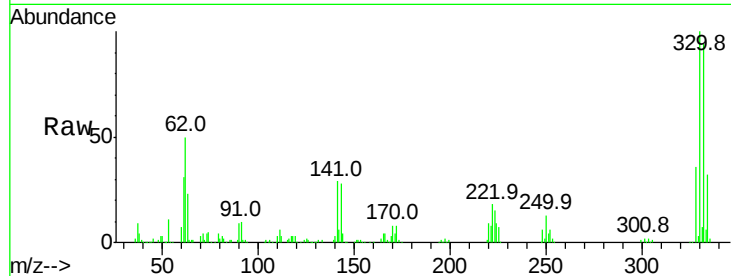




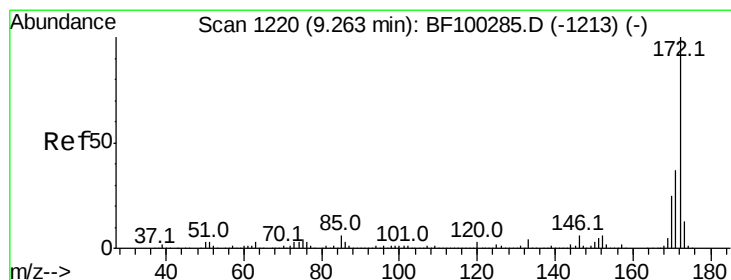
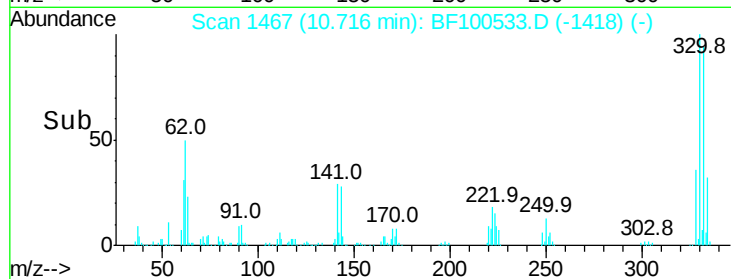
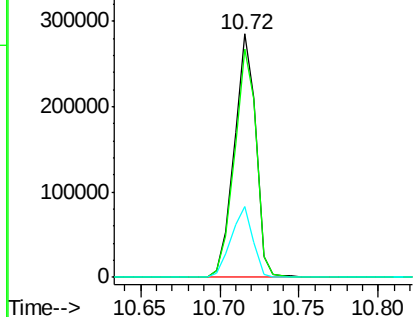
#41
 2,4,6-Tribromophenol
 Concen: 128.844 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100533.D
 Acq: 14 Nov 2017 9:00

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	29.6	29.9	44.9#

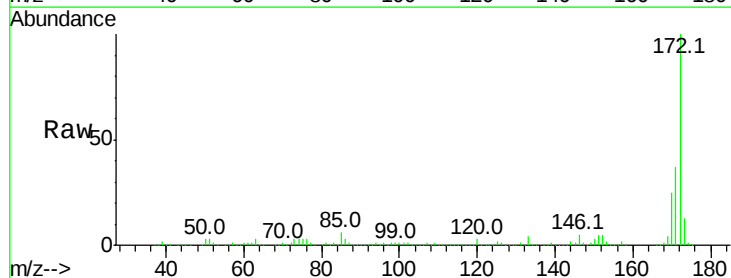


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

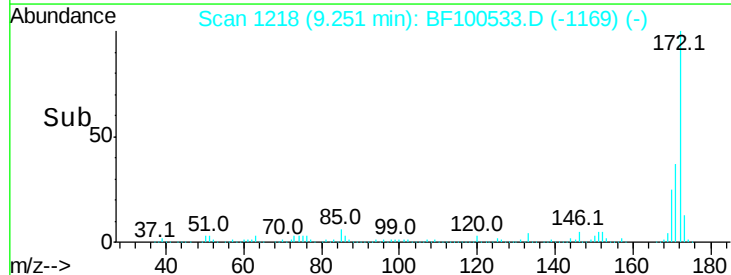
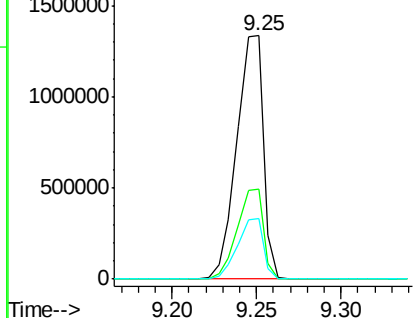


#44
 2-Fluorobiphenyl
 Concen: 109.835 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100533.D
 Acq: 14 Nov 2017 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-C

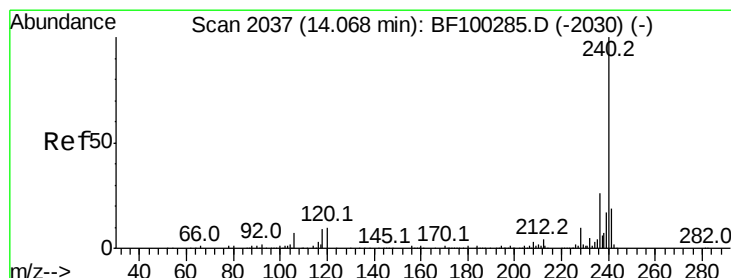
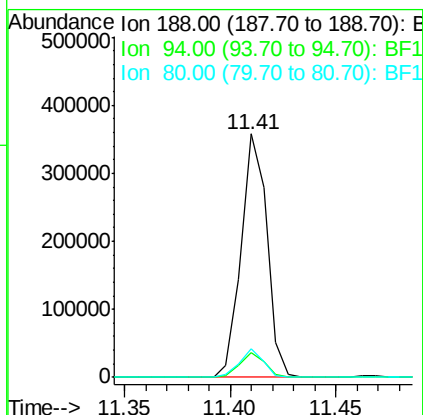
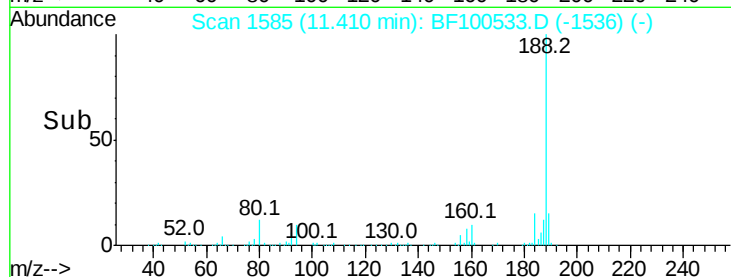
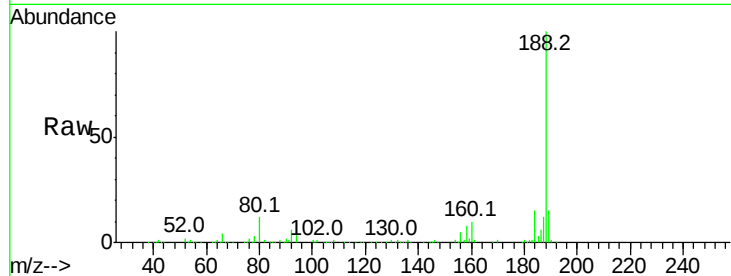
Tot Ion:188 Resp: 303244

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

80 11.6 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

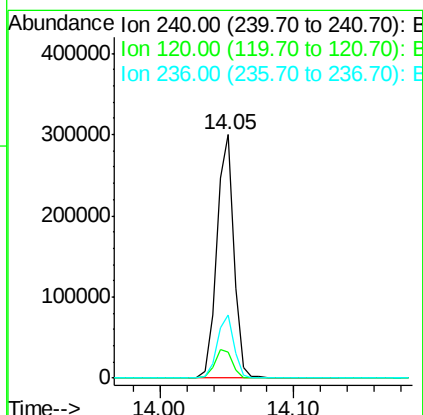
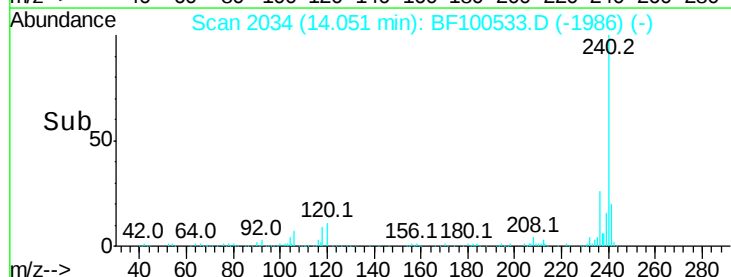
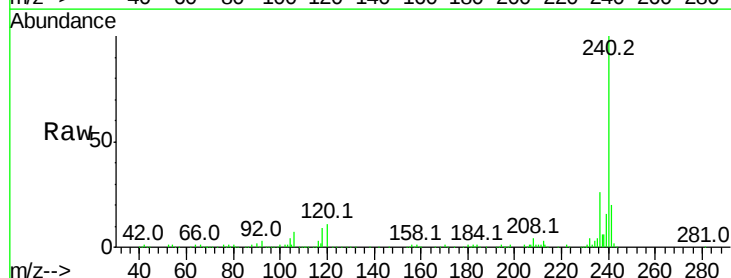
Tgt Ion:240 Resp: 270041

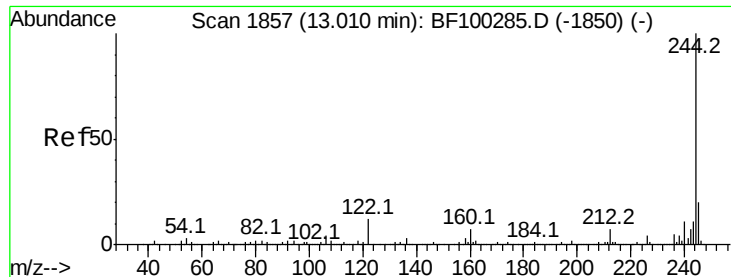
Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 88.434 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-C

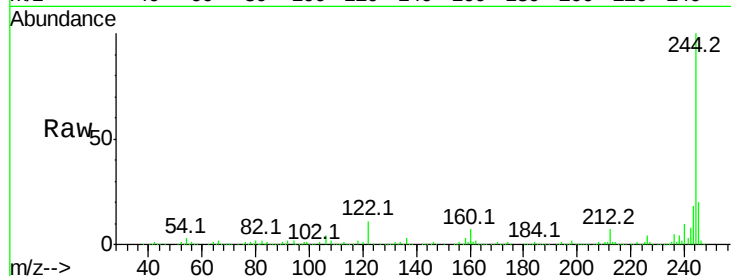
Tot Ion:244 Resp: 1039333

Ion Ratio Lower Upper

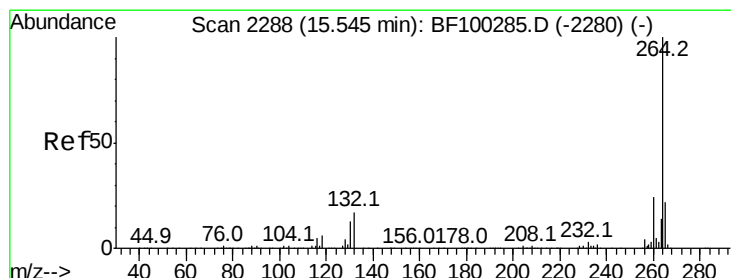
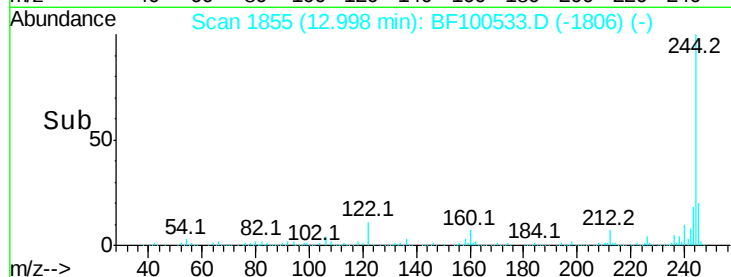
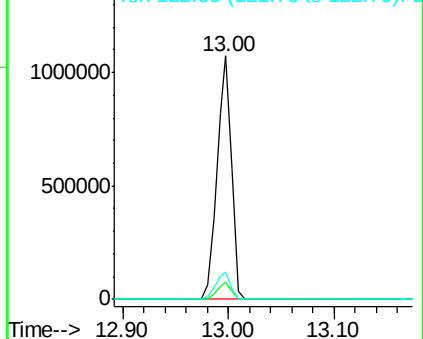
244 100

212 6.8 5.4 8.0

122 11.2 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: 15.53 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

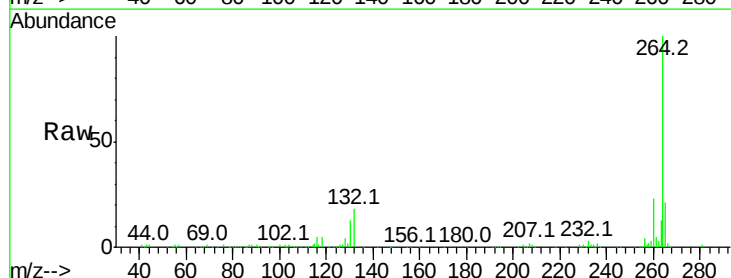
Tgt Ion:264 Resp: 208352

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 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

