

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100436.D
 Acq On : 11 Nov 2017 13:15
 Operator : SJ/JU
 Sample : I6399-17 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Nov 13 02:49:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137787	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	477786	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	177067	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	295819	20.00	ng	0.00
75) Chrysene-d12	14.07	240	298257	20.00	ng	0.00
86) Perylene-d12	15.55	264	217212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	182732	21.26	ng	0.00
7) Phenol-d6	6.52	99	213309	20.12	ng	-0.01
23) Nitrobenzene-d5	7.46	82	117830	16.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	30913	17.13	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	195421	16.81	ng	0.00
78) Terphenyl-d14	13.01	244	143369	11.04	ng	0.00

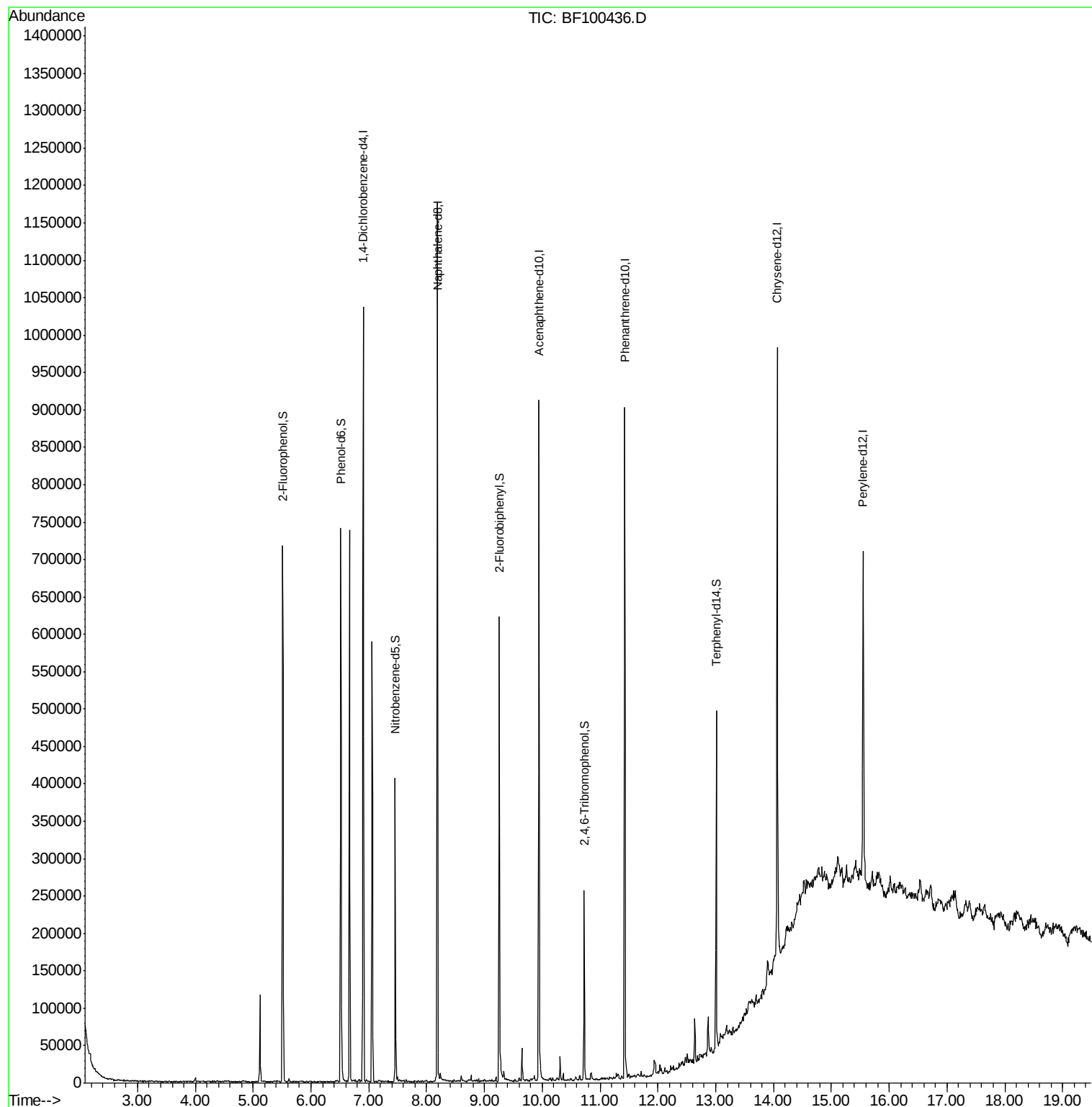
Target Compounds Qvalue

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

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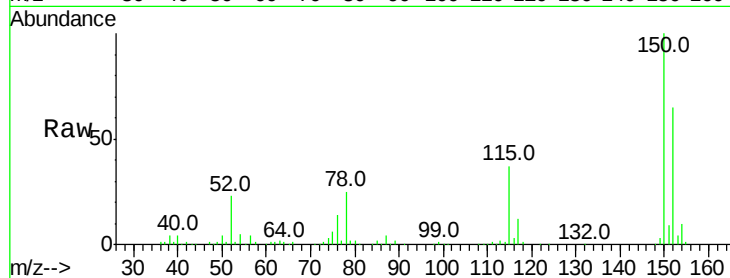


#1

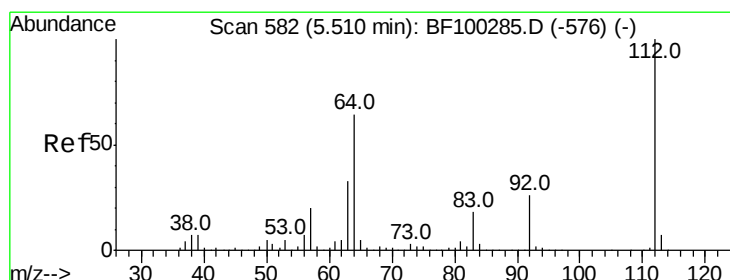
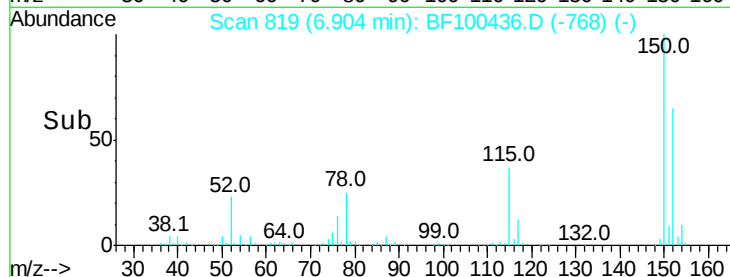
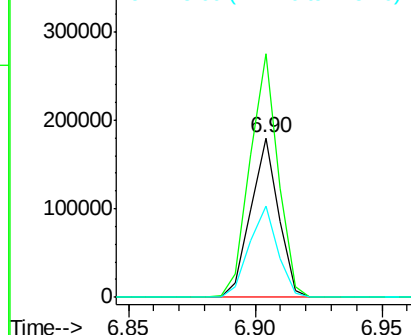
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion:152 Resp: 137787
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 57.0 50.1 75.1



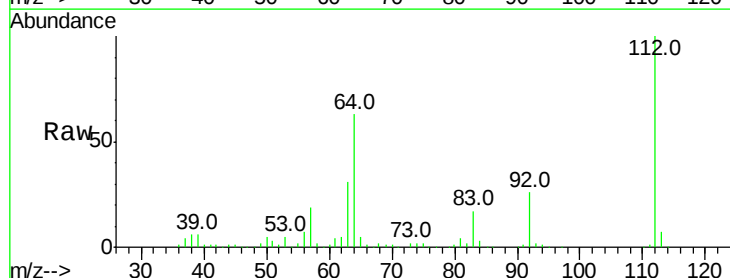
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



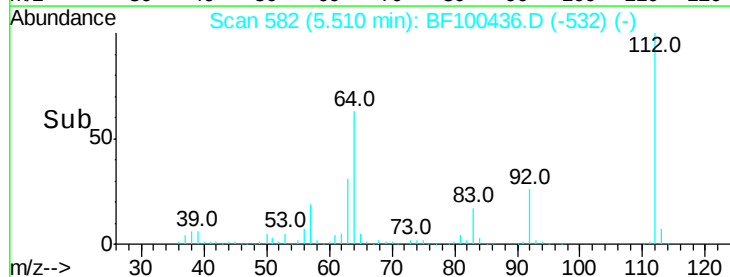
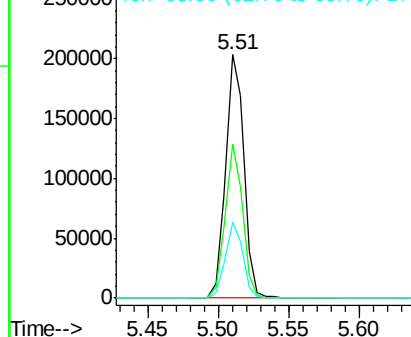
#5

2-Fluorophenol
Concen: 21.259 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:112 Resp: 182732
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 31.3 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: 20.124 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Instrument :

BNA_F

ClientSampleId :

TP-14

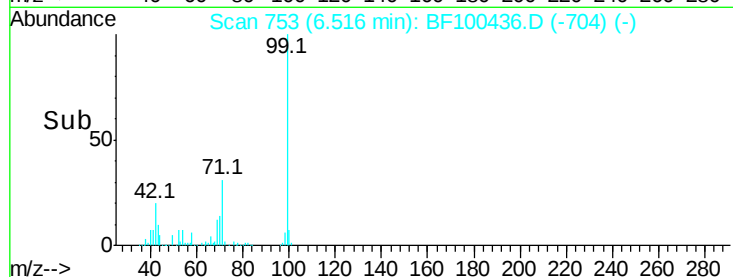
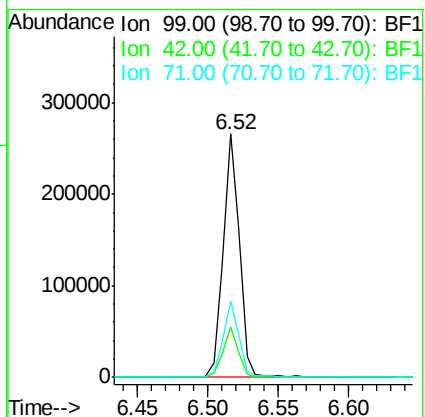
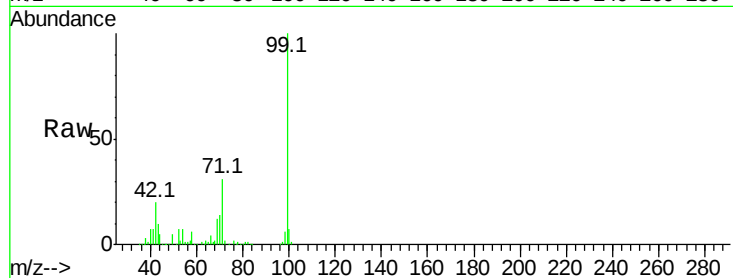
Tot Ion: 99 Resp: 213309

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 31.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Tgt Ion: 136 Resp: 477786

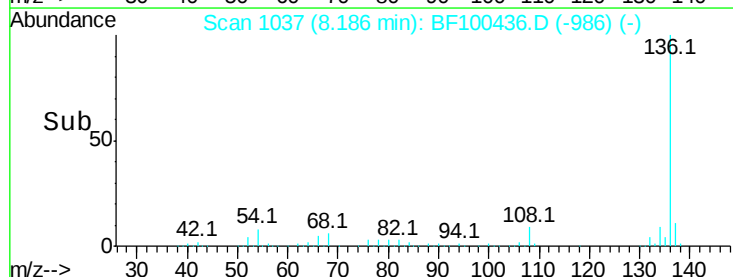
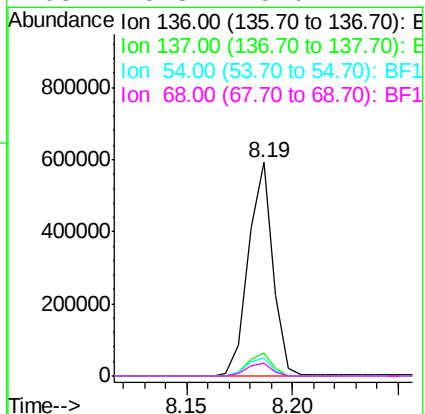
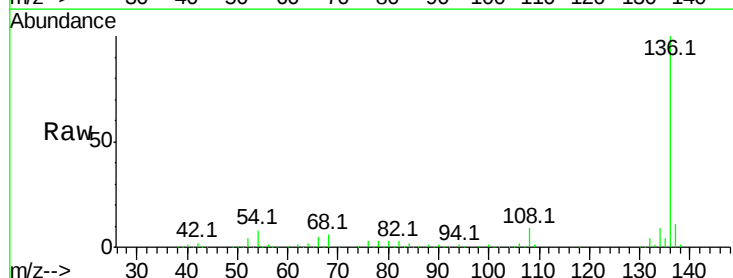
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

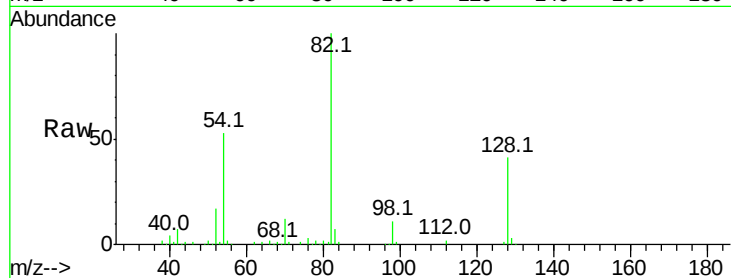




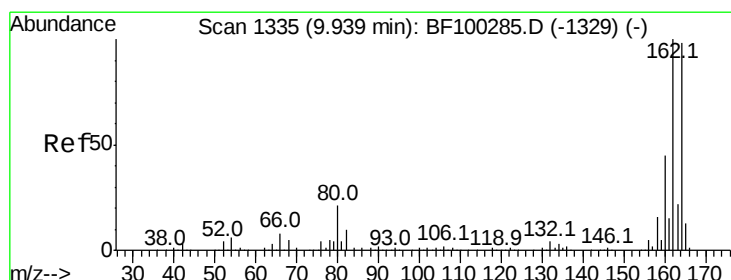
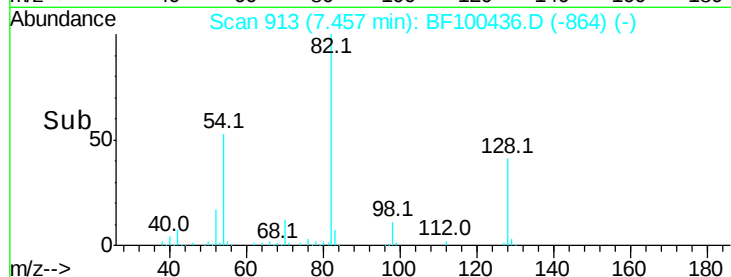
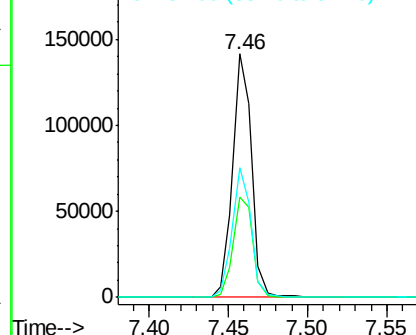
#23
 Nitrobenzene-d5
 Concen: 16.305 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100436.D
 Acq: 11 Nov 2017 13:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tot Ion	82	Resp	117830
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.1	54.1
54	53.4	41.4	62.2

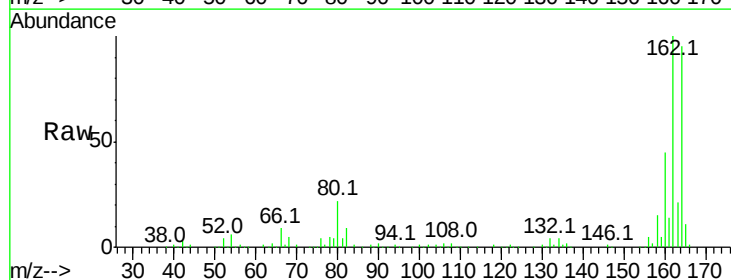


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

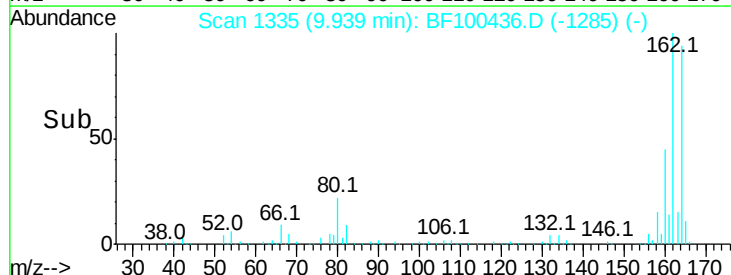
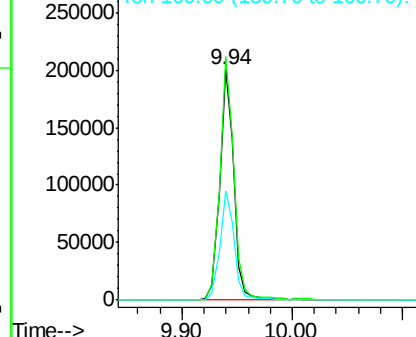


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100436.D
 Acq: 11 Nov 2017 13:15

Tgt Ion	164	Resp	177067
Ion Ratio	Lower	Upper	
164	100		
162	105.5	86.1	129.1
160	47.4	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

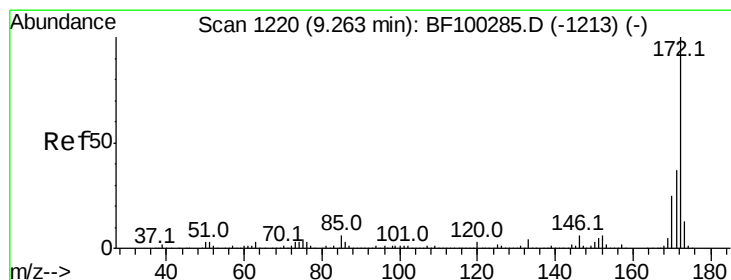
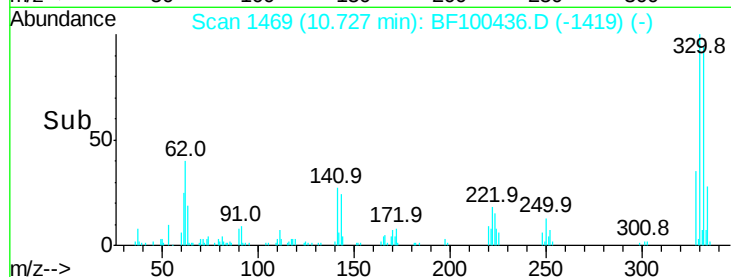
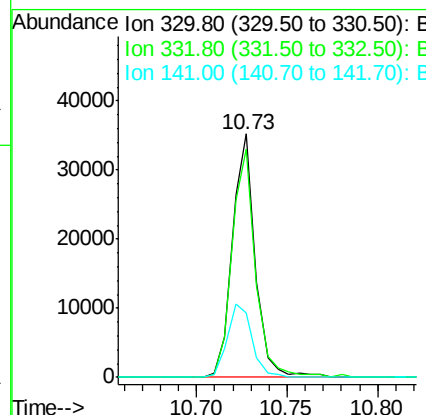
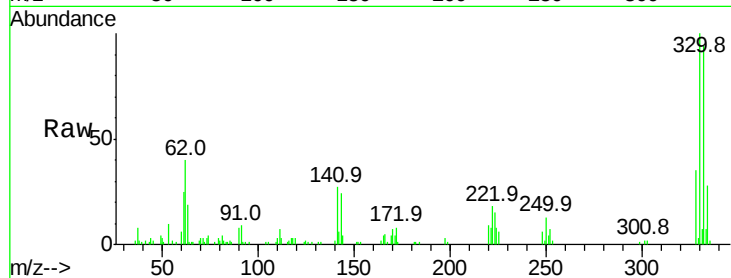




#41
 2,4,6-Tribromophenol
 Concen: 17.133 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100436.D
 Acq: 11 Nov 2017 13:15

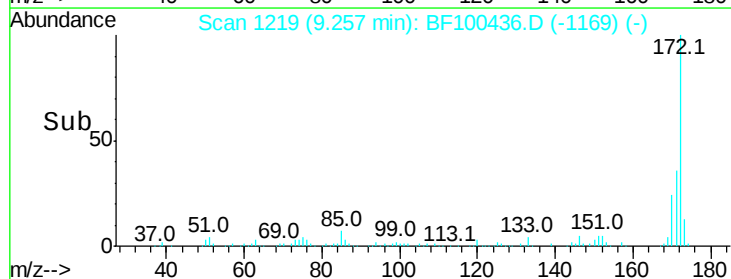
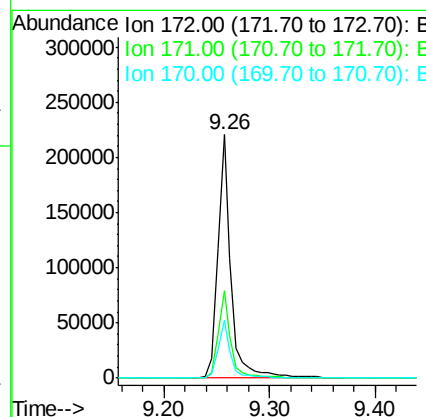
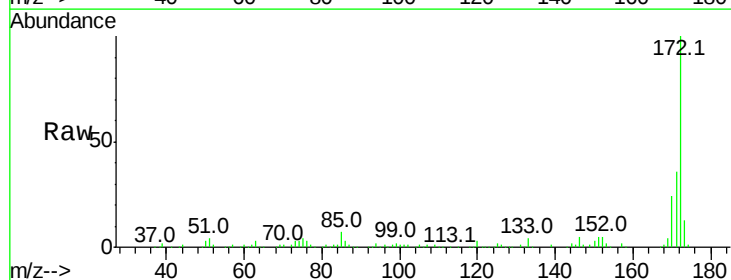
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 16.805 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100436.D
 Acq: 11 Nov 2017 13:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

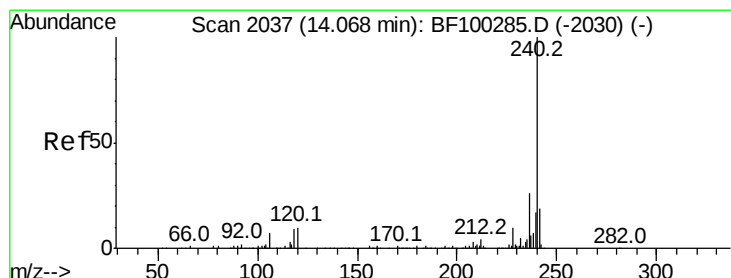
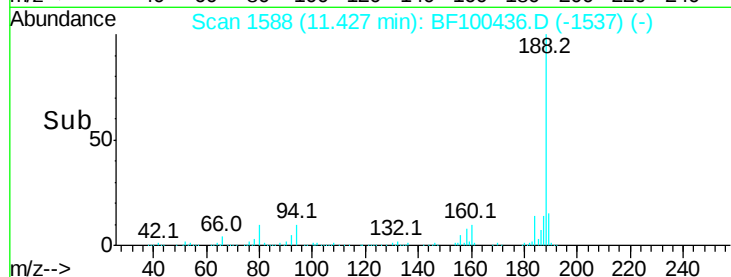
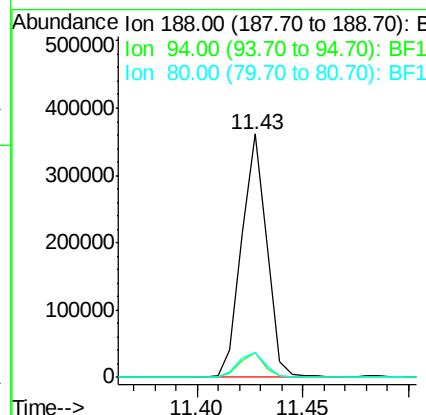
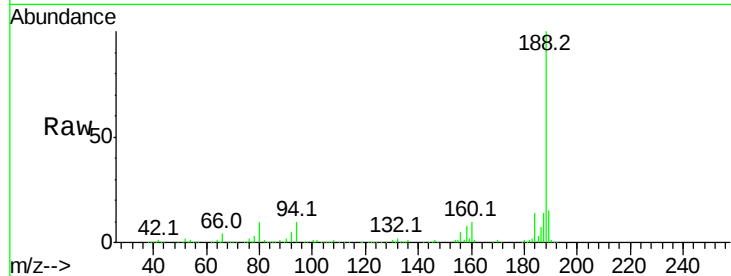




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

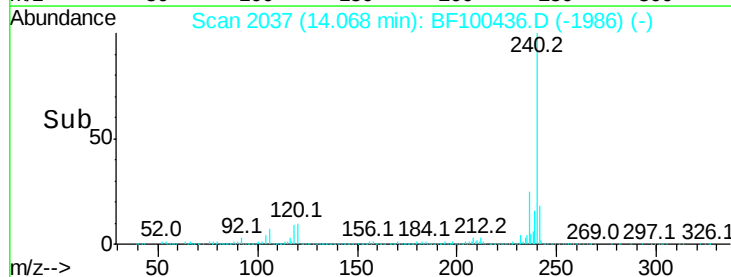
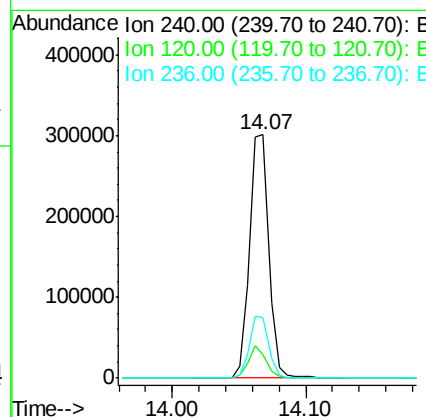
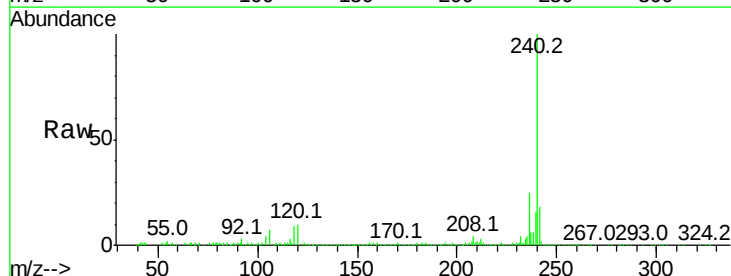
Instrument :
BNA_F
ClientSampled :
TP-14

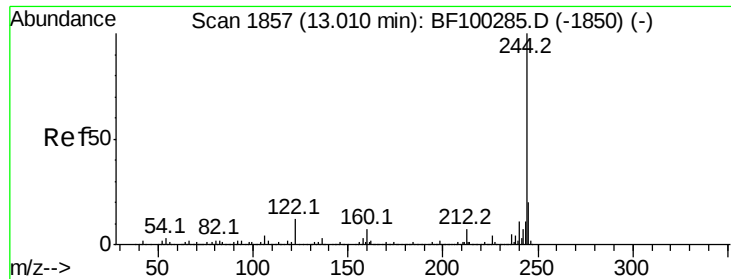
Tot Ion:188 Resp: 295819
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:240 Resp: 298257
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 11.045 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Instrument :

BNA_F

ClientSampleId :

TP-14

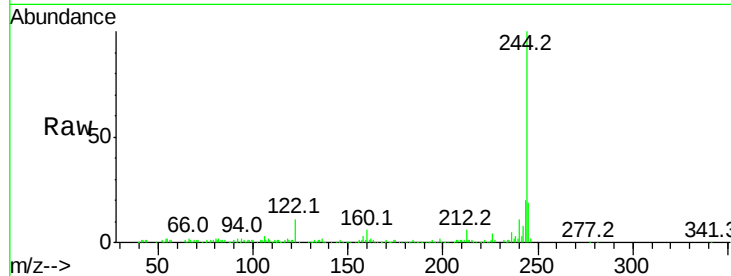
Tot Ion:244 Resp: 143369

Ion Ratio Lower Upper

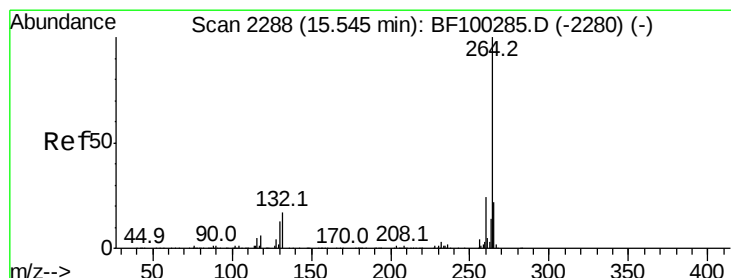
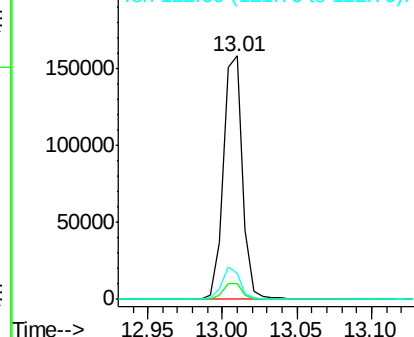
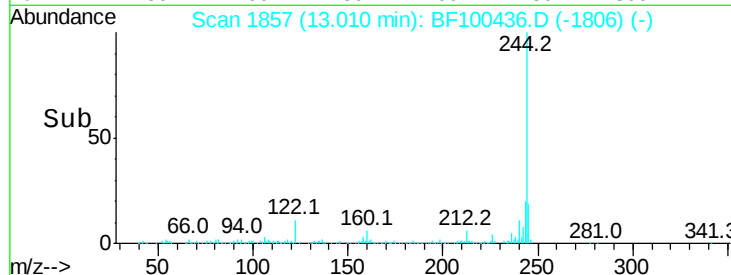
244 100

212 6.5 5.4 8.0

122 10.6 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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

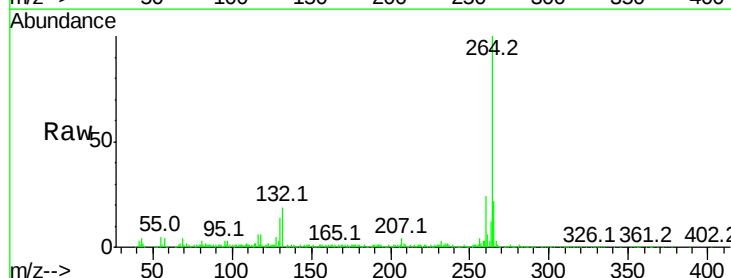
Tgt Ion:264 Resp: 217212

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

