

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100538.D
 Acq On : 14 Nov 2017 13:16
 Operator : SJ/JU
 Sample : I6364-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01

Quant Time: Nov 14 14:22:55 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 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128281	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	481327	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	196286	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	307058	20.00	ng	0.00
75) Chrysene-d12	14.04	240	285952	20.00	ng	-0.01
86) Perylene-d12	15.52	264	261595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	172221	21.52	ng	-0.01
7) Phenol-d6	6.50	99	201840	20.45	ng	-0.01
23) Nitrobenzene-d5	7.44	82	123063	16.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	28697	14.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	241194	18.71	ng	-0.01
78) Terphenyl-d14	12.99	244	163878	13.17	ng	0.00

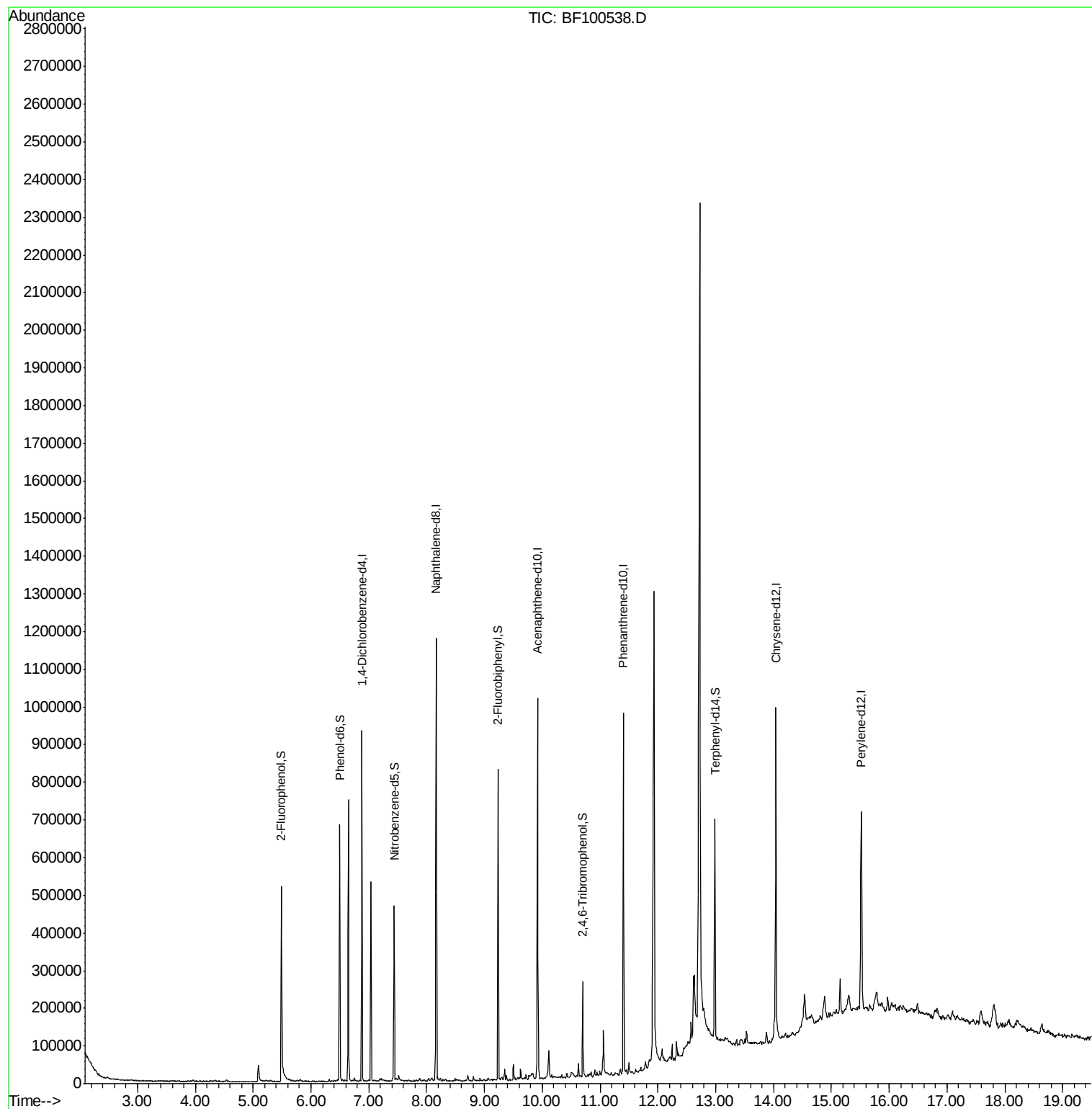
Target Compounds Qvalue

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

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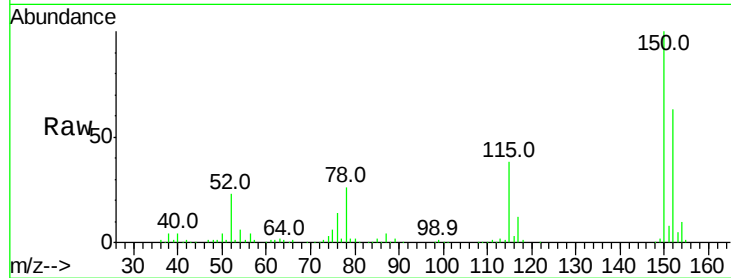


#1

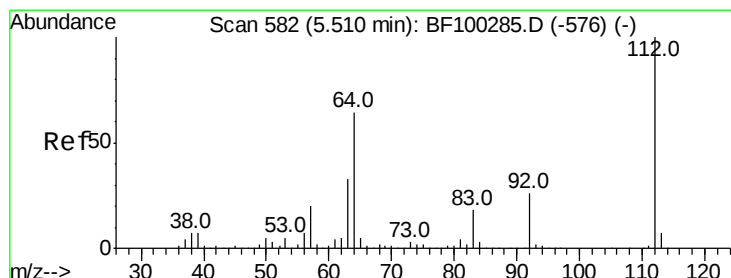
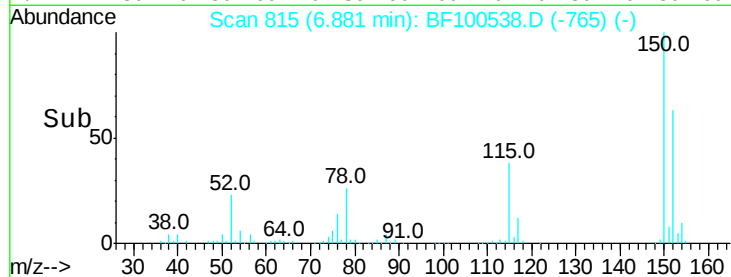
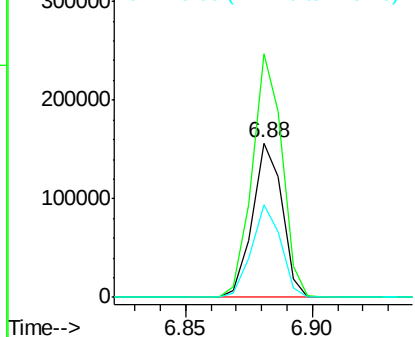
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01

Tot Ion:152 Resp: 128281
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.6 50.1 75.1



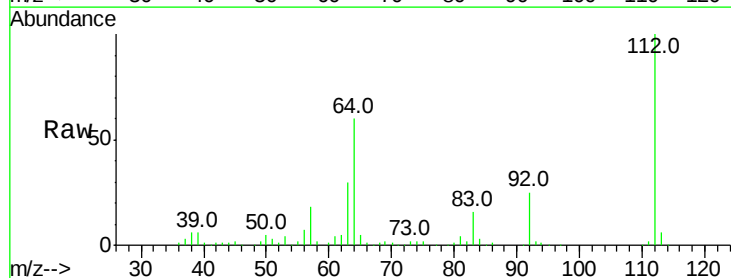
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



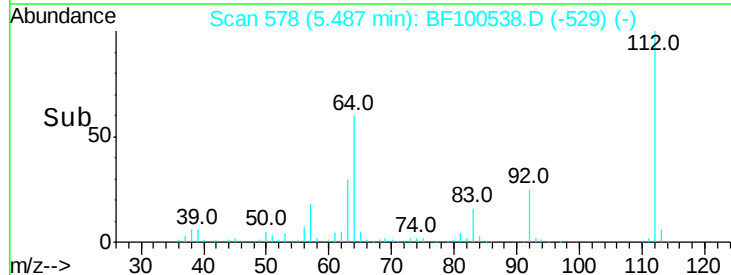
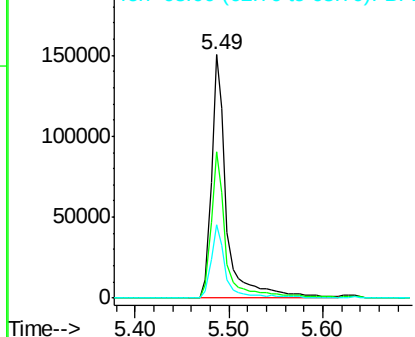
#5

2-Fluorophenol
Concen: 21.521 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion:112 Resp: 172221
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.0 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: 20.453 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-01

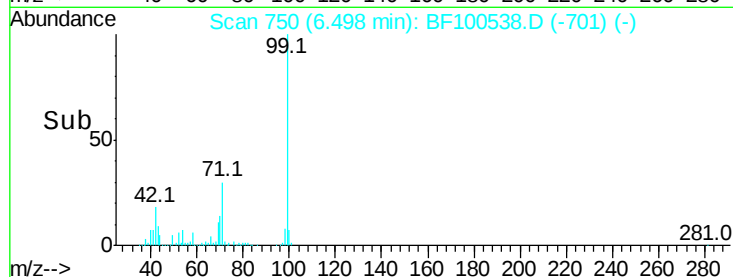
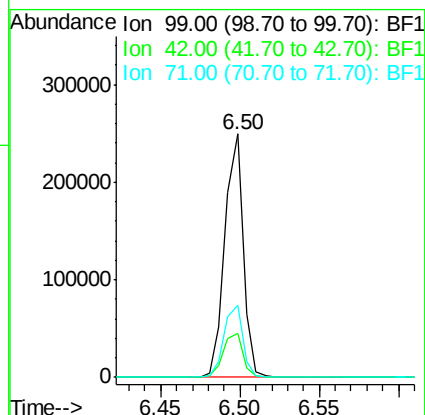
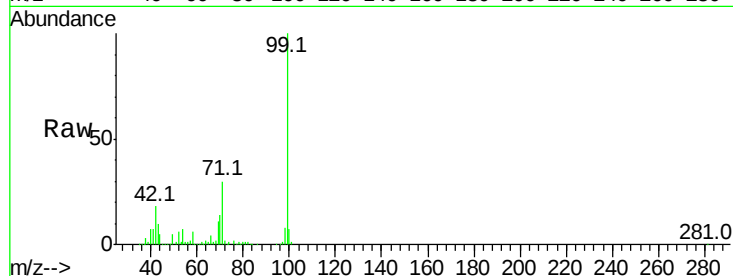
Tot Ion: 99 Resp: 201840

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 29.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Tgt Ion: 136 Resp: 481327

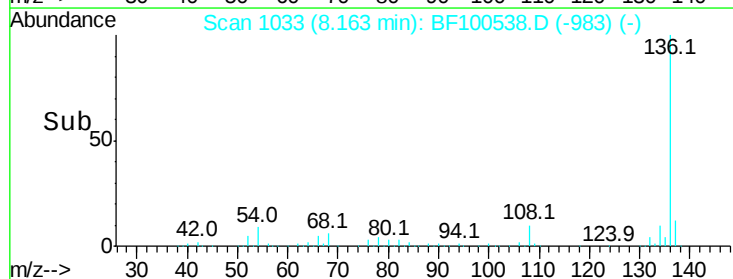
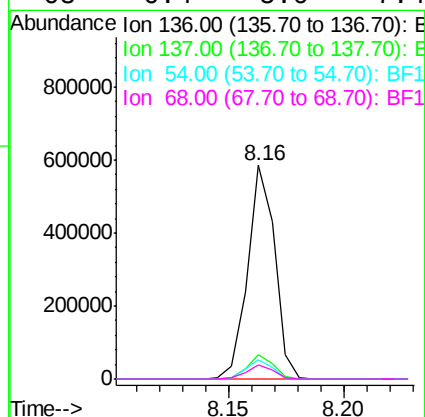
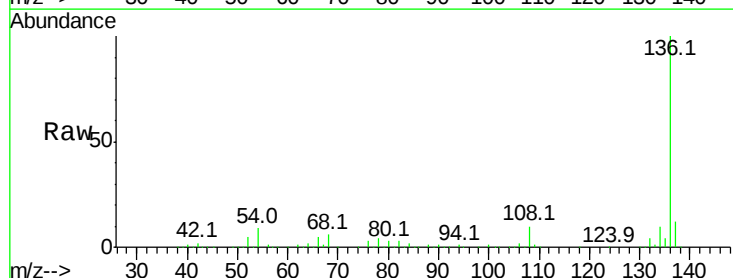
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.3 6.6 9.8

68 6.4 5.0 7.4

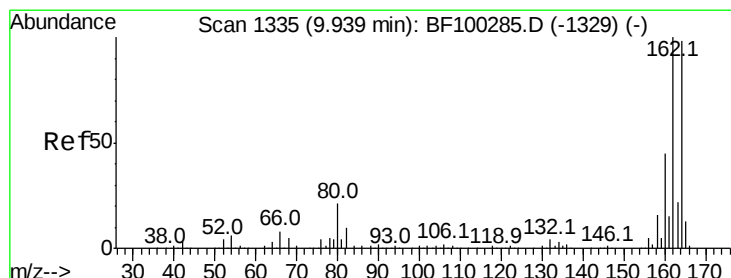
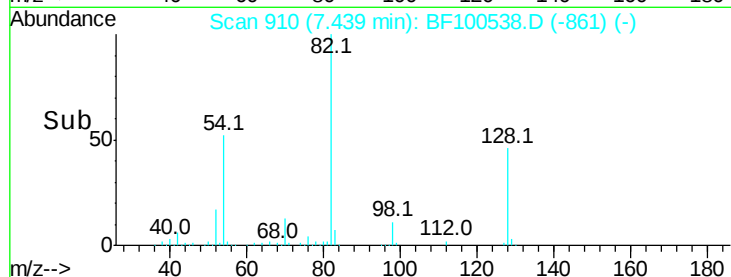
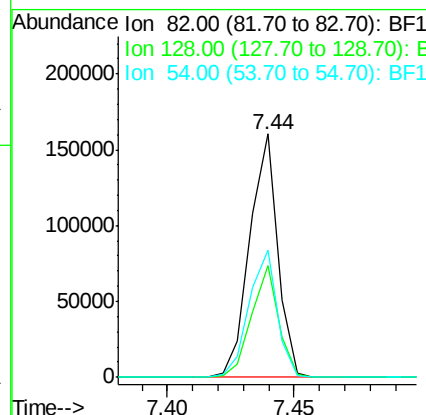
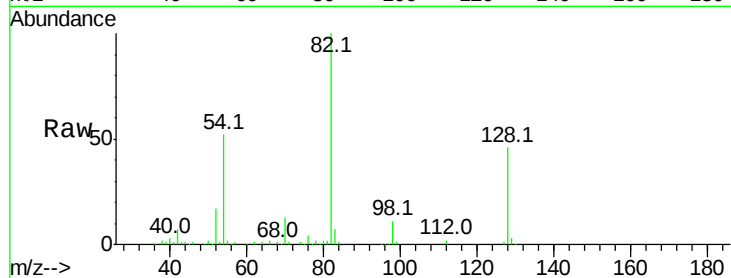




#23
Nitrobenzene-d5
Concen: 16.903 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

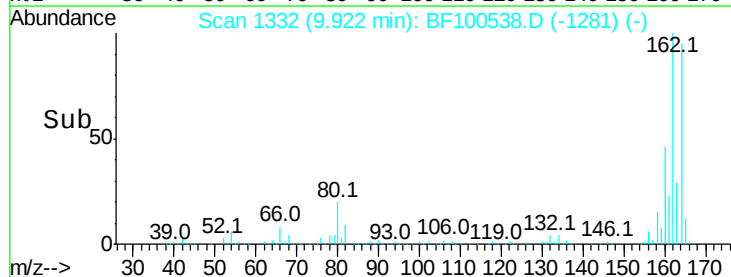
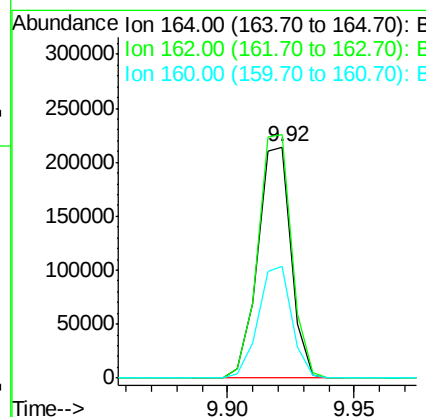
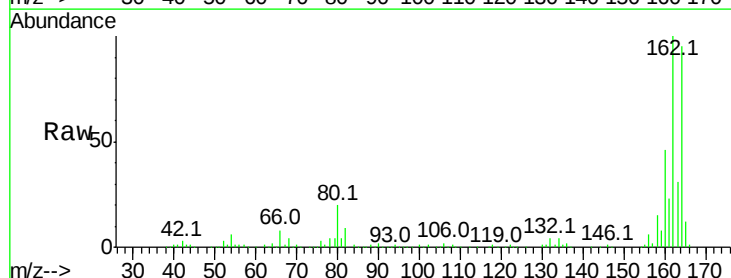
Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01

Tot Ion: 82 Resp: 123063
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 52.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion: 164 Resp: 196286
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 48.3 38.3 57.5

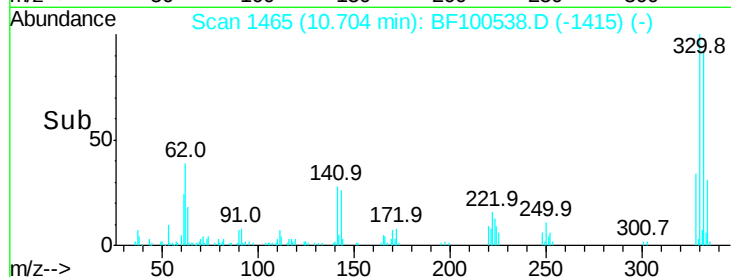
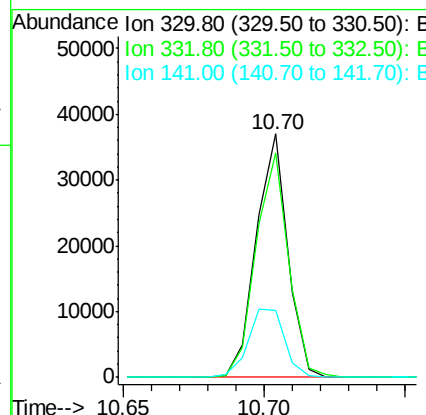
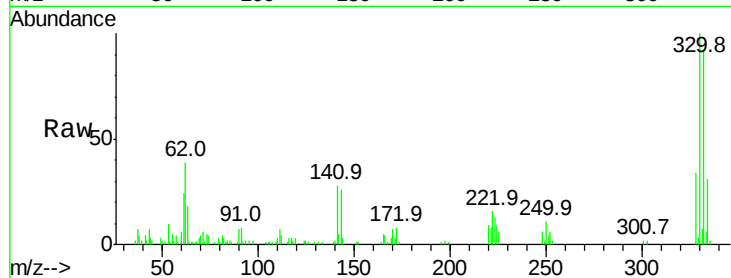




#41
 2,4,6-Tribromophenol
 Concen: 14.347 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100538.D
 Acq: 14 Nov 2017 13:16

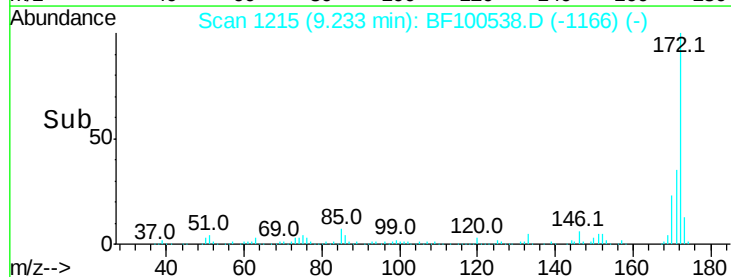
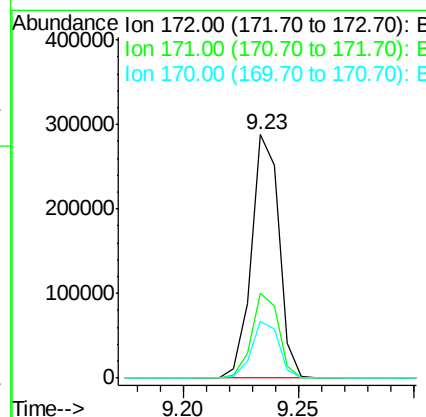
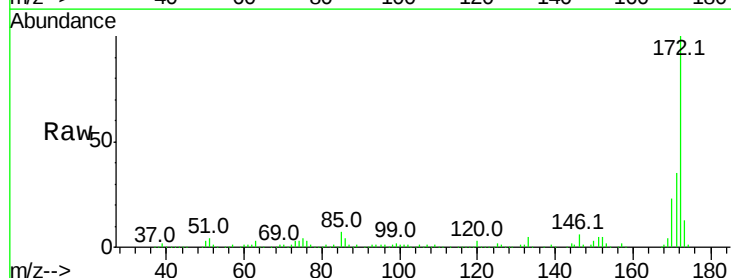
Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 18.711 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100538.D
 Acq: 14 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4

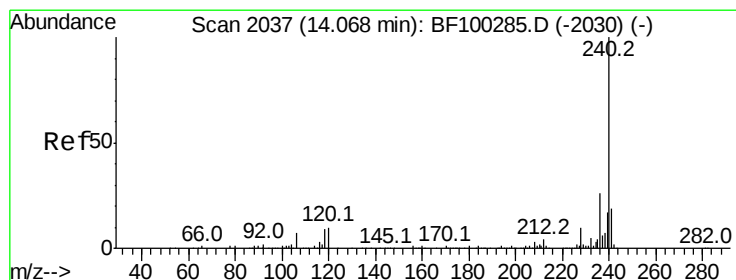
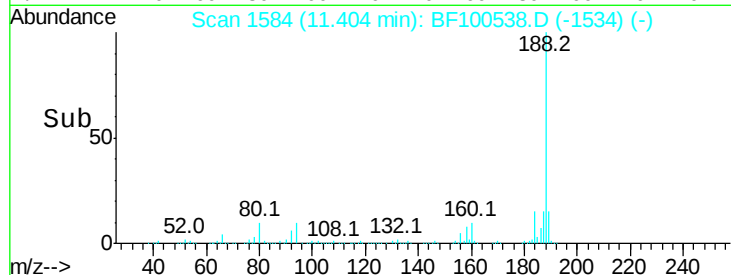
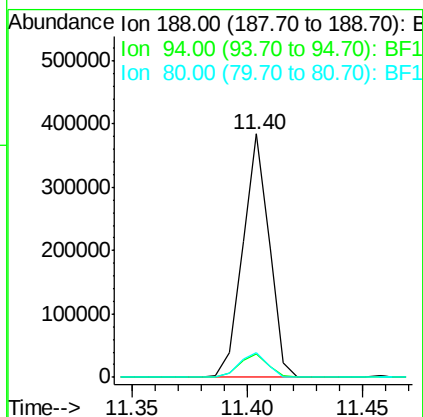
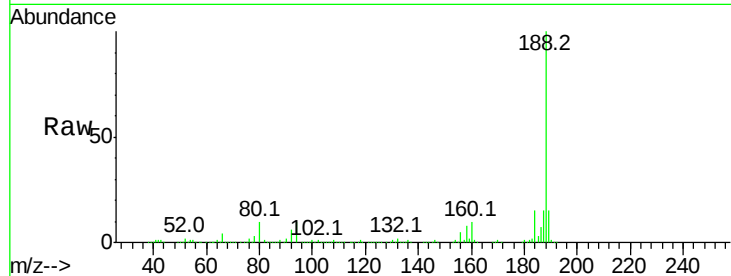




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

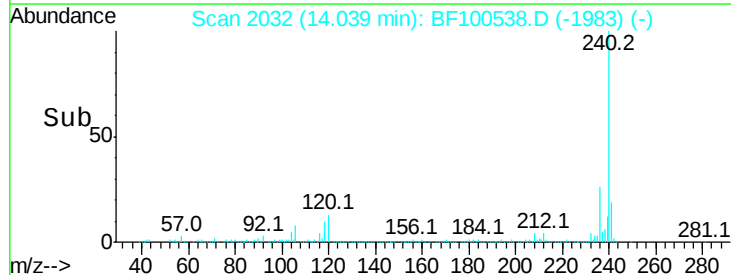
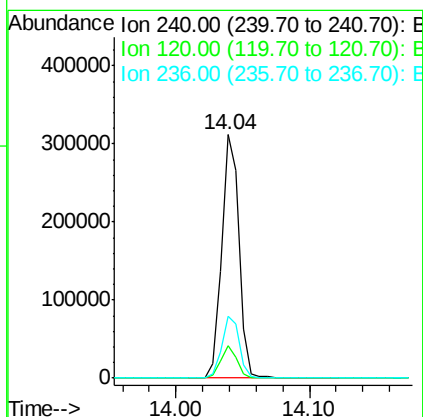
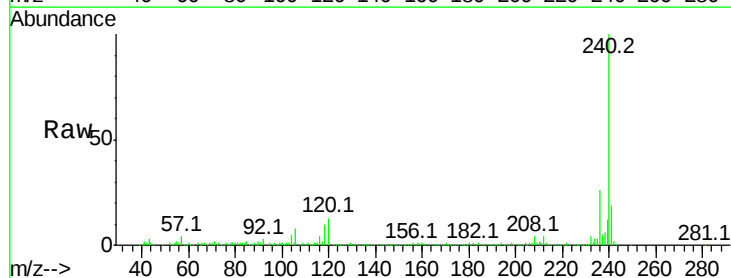
Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-01

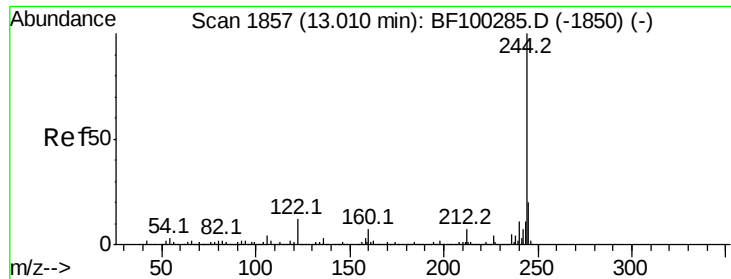
Tot Ion:188 Resp: 307058
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100538.D
Acq: 14 Nov 2017 13:16

Tgt Ion:240 Resp: 285952
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 13.168 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-01

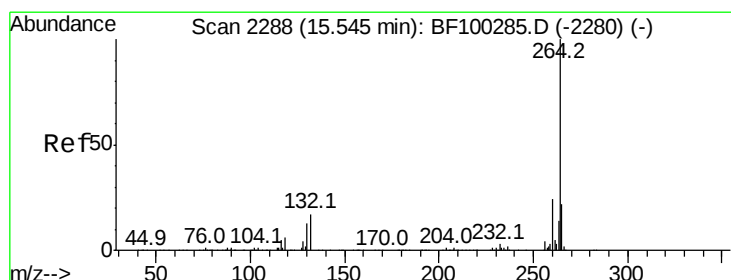
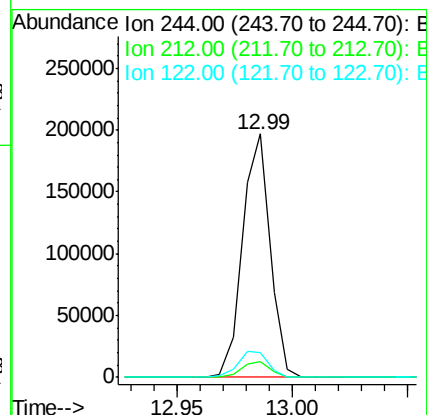
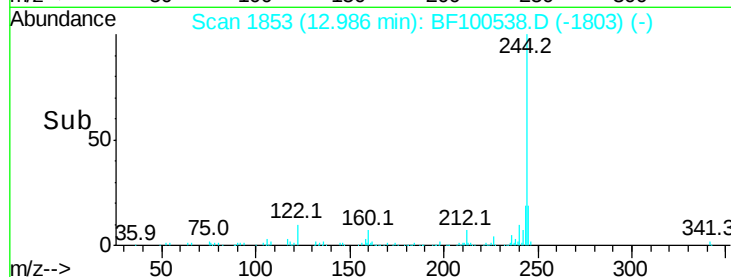
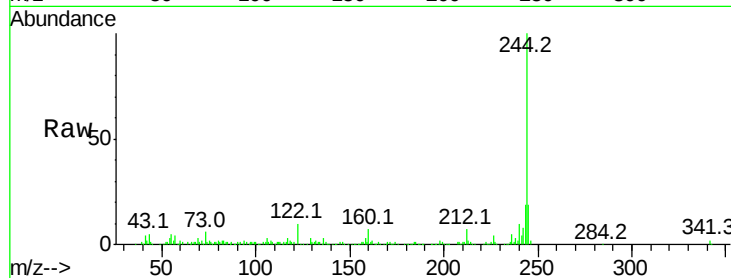
Tot Ion:244 Resp: 163878

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.3 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF100538.D

Acq: 14 Nov 2017 13:16

Tgt Ion:264 Resp: 261595

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 17.5 26.3

