

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100573.D
 Acq On : 15 Nov 2017 7:00
 Operator : SJ/JU
 Sample : I6441-30
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Nov 15 11:13:59 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	6.89	152	111359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	406092	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	153133	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	247185	20.00	ng	0.00
75) Chrysene-d12	14.04	240	245156	20.00	ng	-0.01
86) Perylene-d12	15.52	264	165102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	772615	111.22	ng	0.02
7) Phenol-d6	6.51	99	849952	99.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	704003	114.61	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	185572	118.92	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1178737	117.21	ng	0.00
78) Terphenyl-d14	12.99	244	927320	86.91	ng	0.00

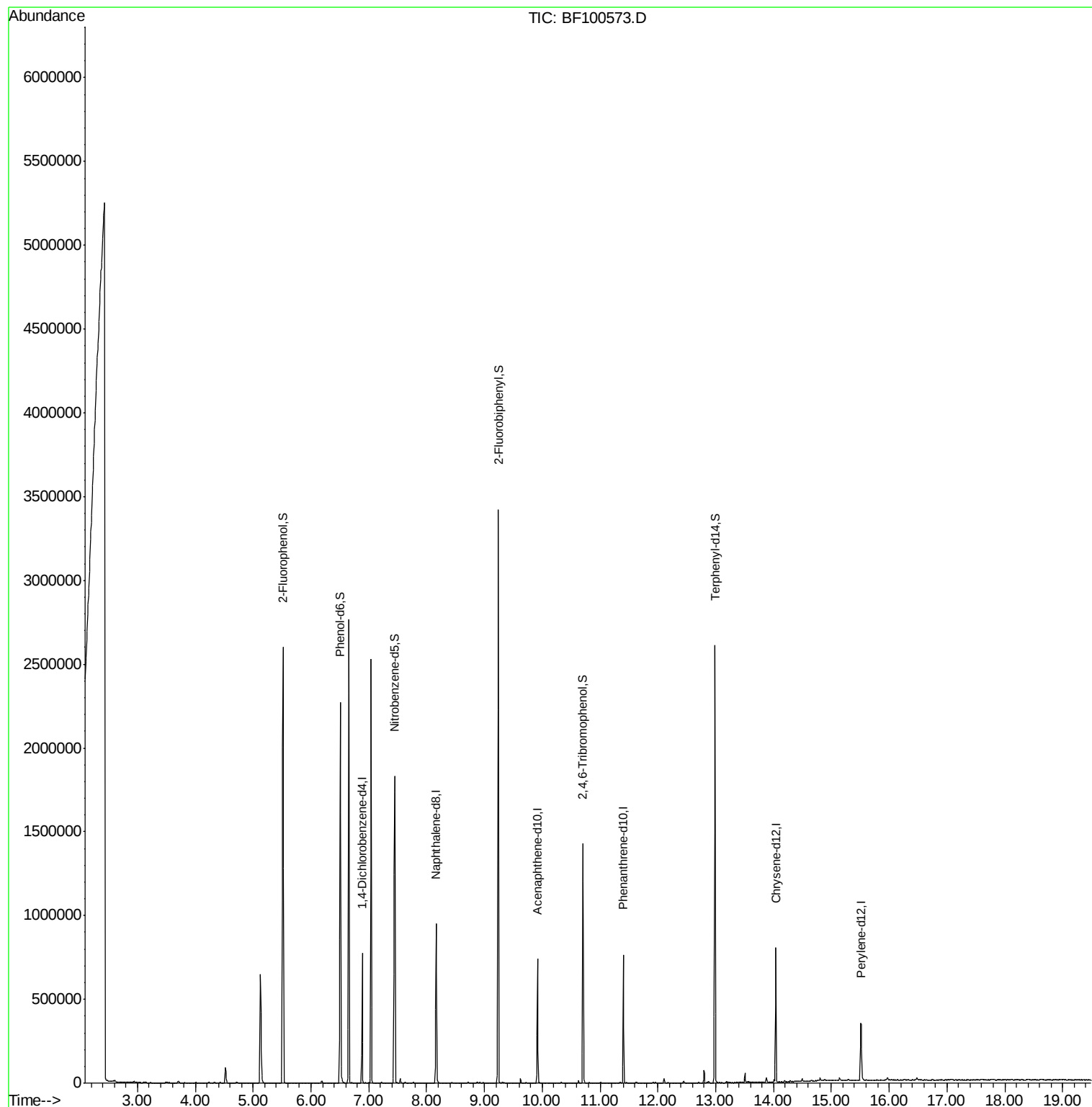
Target Compounds Qvalue

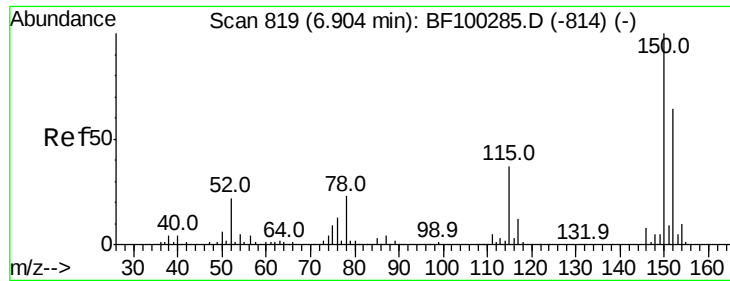
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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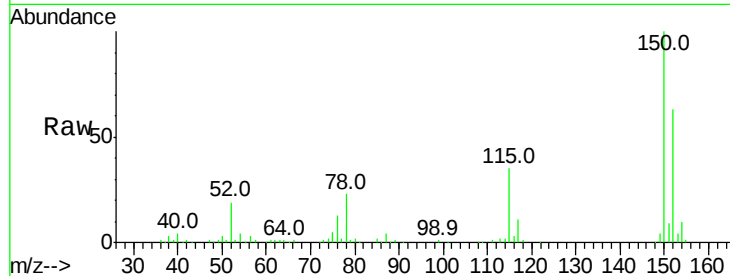


#1

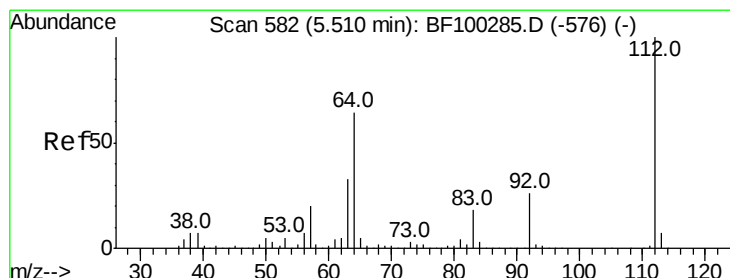
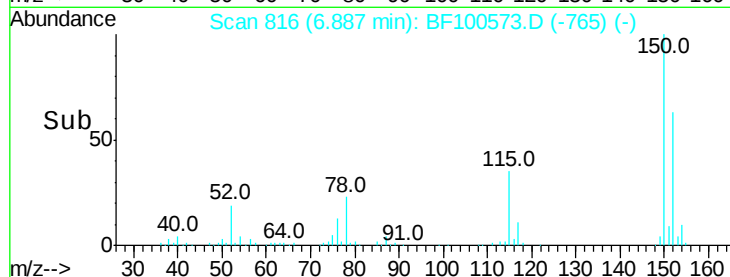
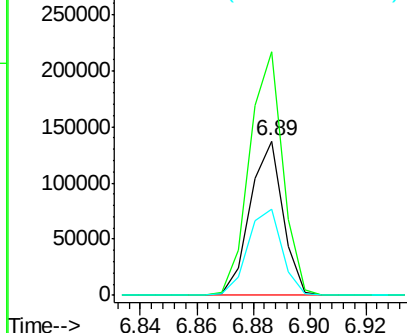
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Instrument :
BNA_F
ClientSampleId :
TP-16

Tot Ion:152 Resp: 111359
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 55.7 50.1 75.1



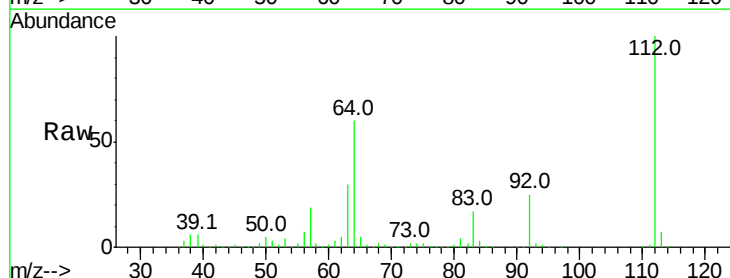
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



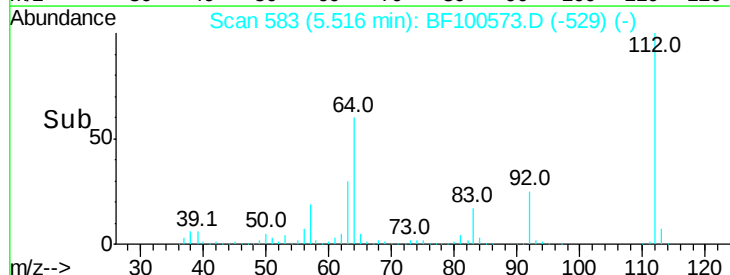
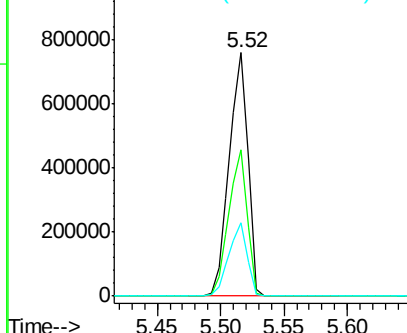
#5

2-Fluorophenol
Concen: 111.216 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:112 Resp: 772615
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.3 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: 99.218 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TP-16

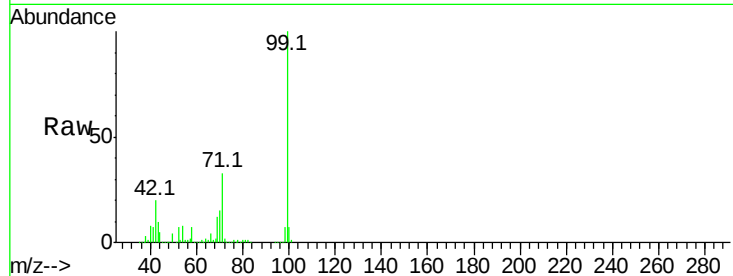
Tot Ion: 99 Resp: 849952

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

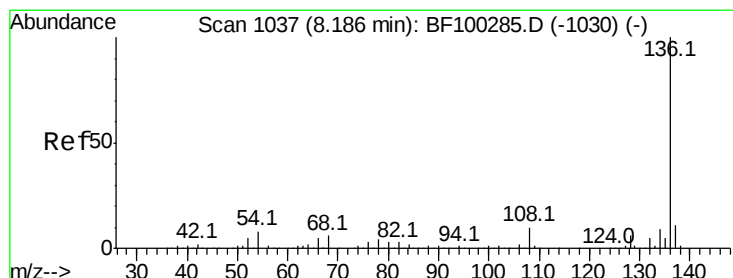
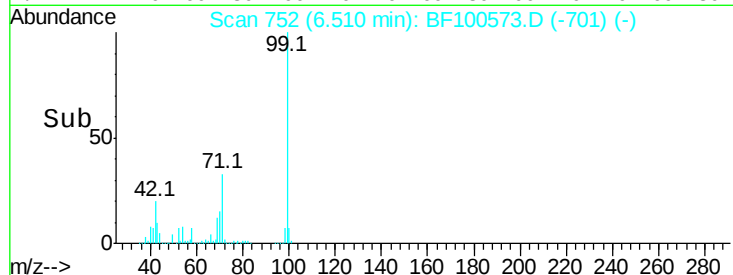
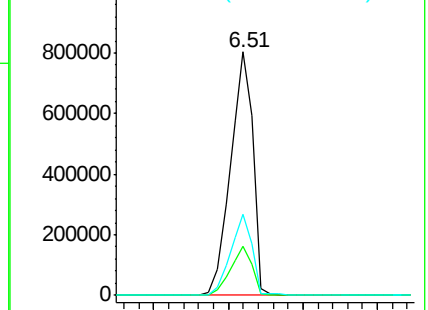
71 33.1 25.4 38.0



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. -0.01 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Tgt Ion: 136 Resp: 406092

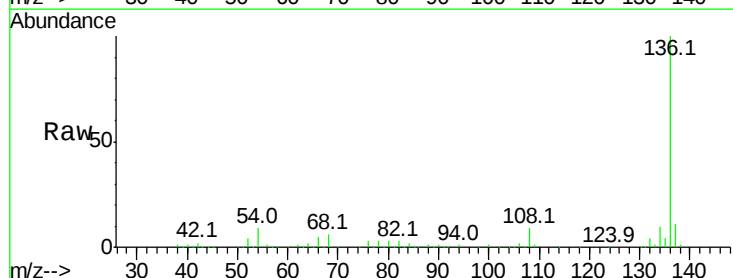
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.6 9.8

68 6.3 5.0 7.4

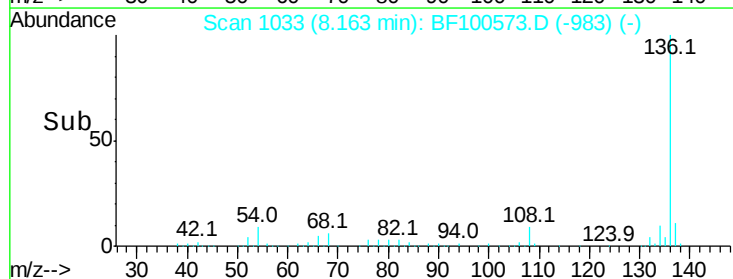
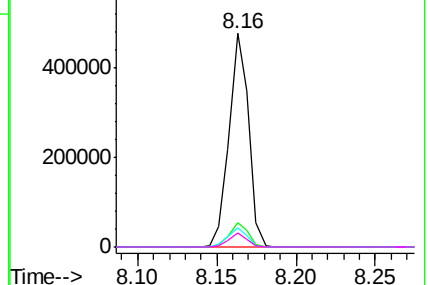


Abundance Ion 136.00 (135.70 to 136.70): E

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

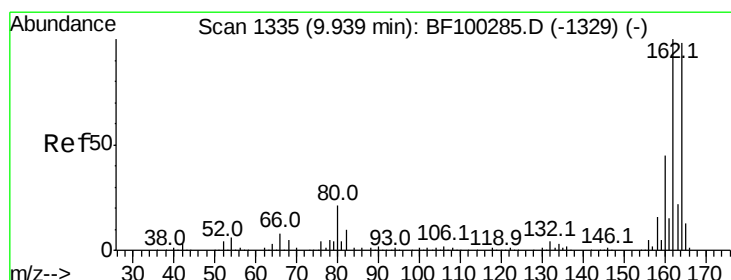
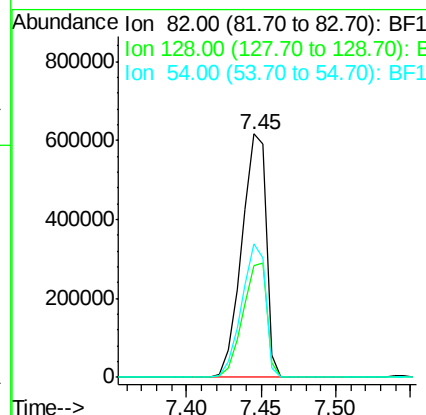
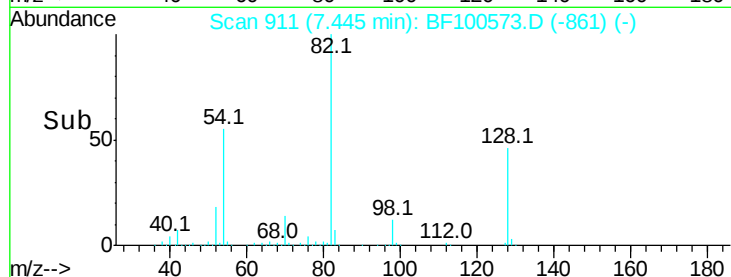
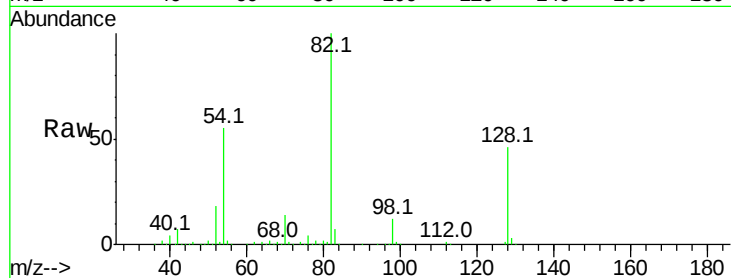




#23
 Nitrobenzene-d5
 Concen: 114.614 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

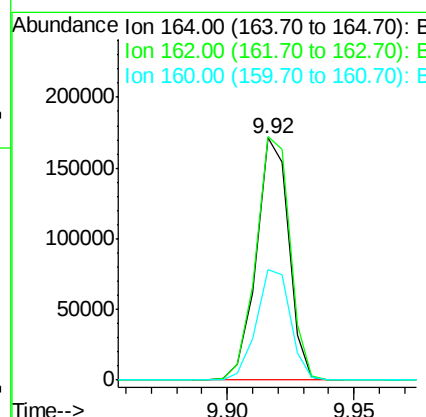
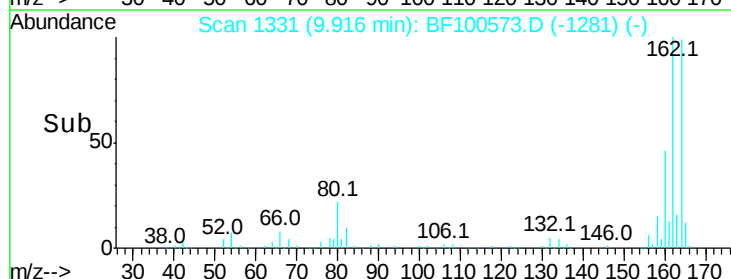
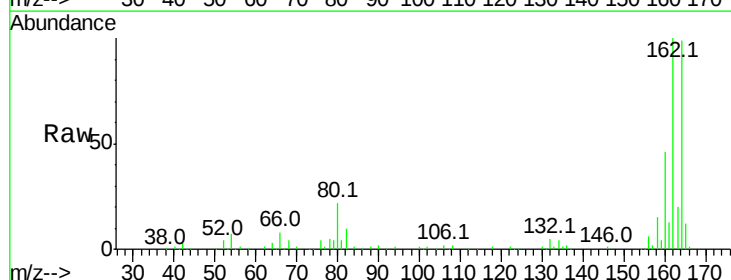
Instrument :
 BNA_F
 ClientSampleId :
 TP-16

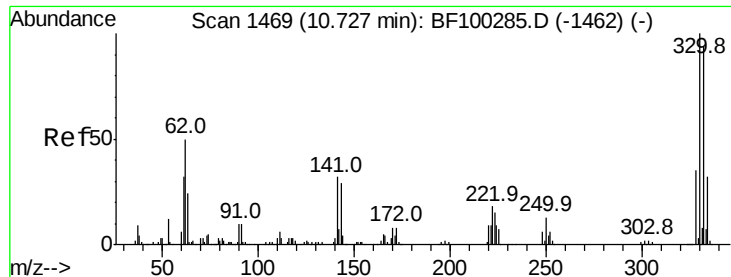
Tot Ion: 82 Resp: 704003
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 55.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Tgt Ion: 164 Resp: 153133
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 45.9 38.3 57.5

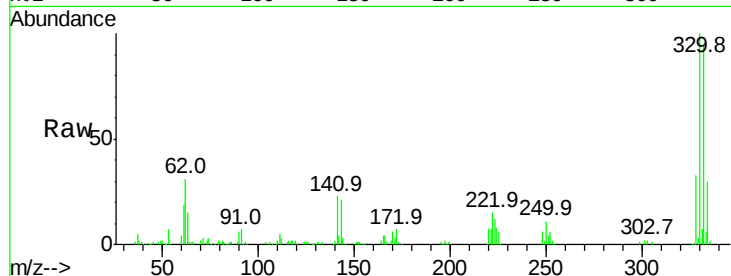




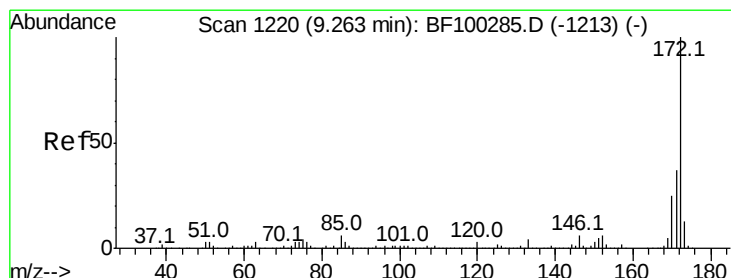
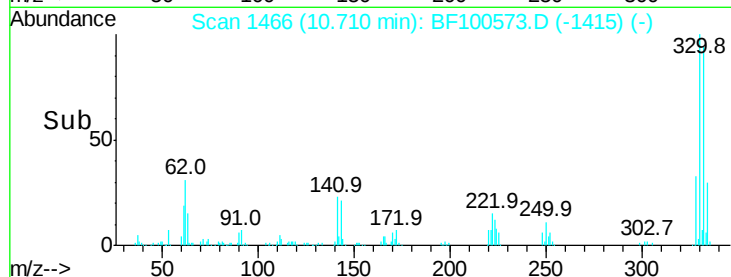
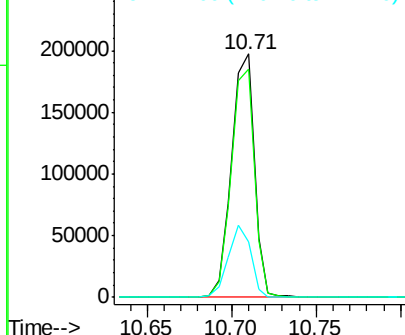
#41
 2,4,6-Tribromophenol
 Concen: 118.924 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Instrument :
 BNA_F
 ClientSampled :
 TP-16

Tot Ion:330 Resp: 185572
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 29.1 29.9 44.9#

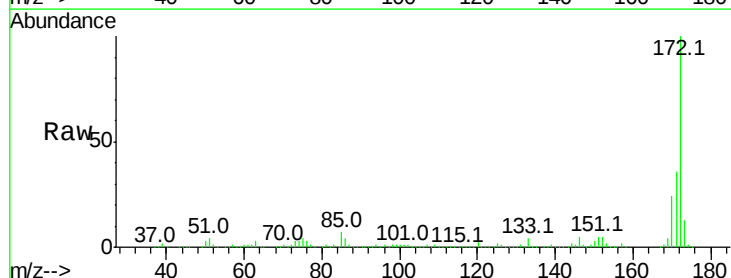


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

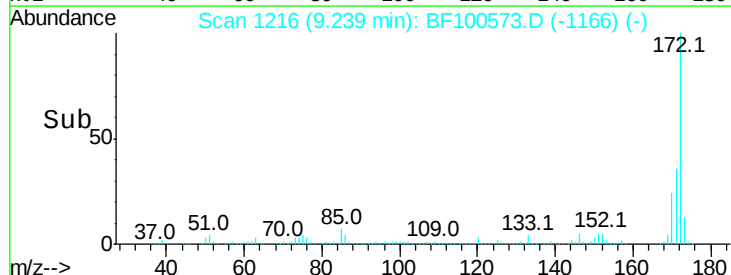
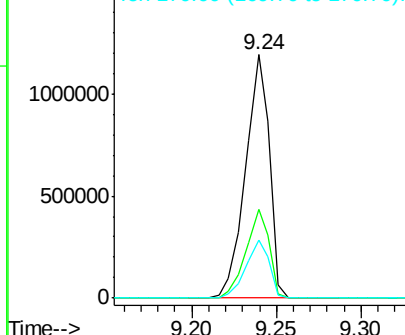


#44
 2-Fluorobiphenyl
 Concen: 117.210 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100573.D
 Acq: 15 Nov 2017 7:00

Tgt Ion:172 Resp: 1178737
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 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

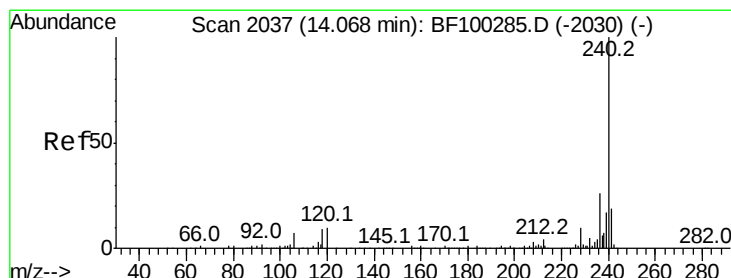
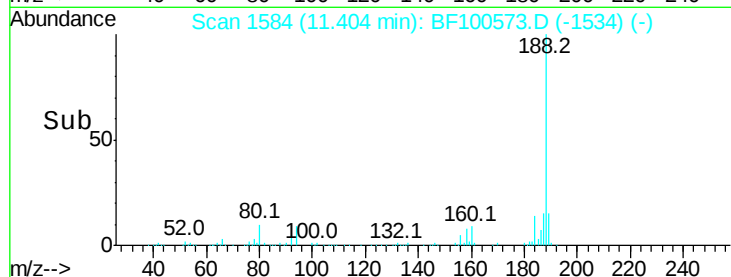
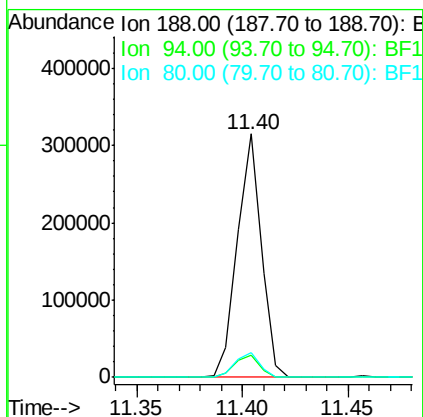
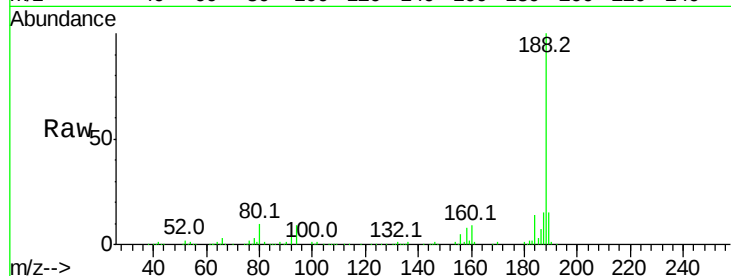




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

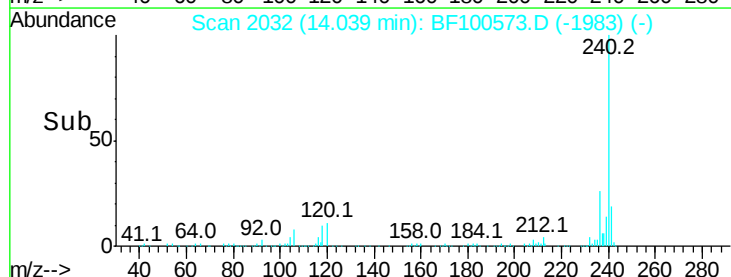
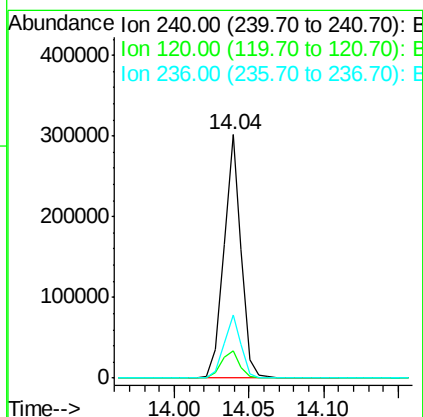
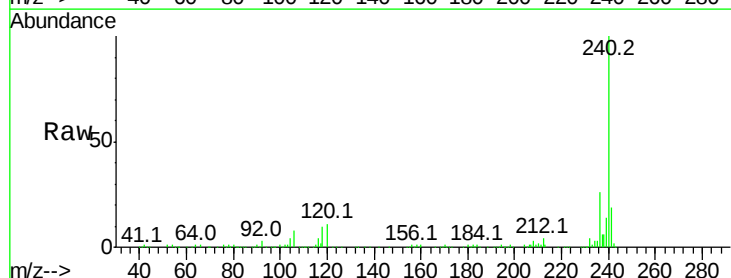
Instrument :
BNA_F
ClientSampleId :
TP-16

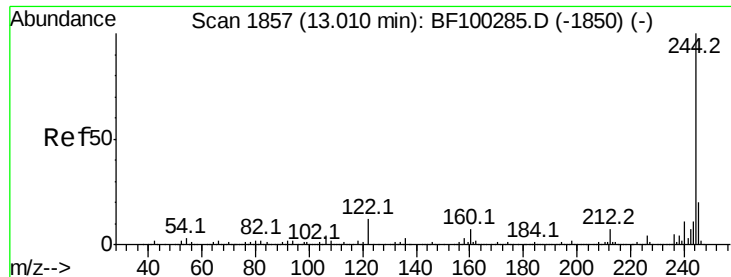
Tot Ion:188 Resp: 247185
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100573.D
Acq: 15 Nov 2017 7:00

Tgt Ion:240 Resp: 245156
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 86.912 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TP-16

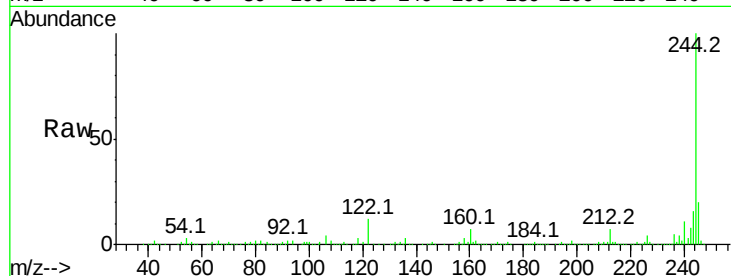
Tot Ion:244 Resp: 927320

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

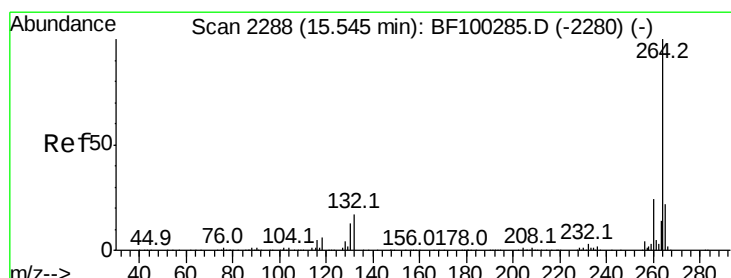
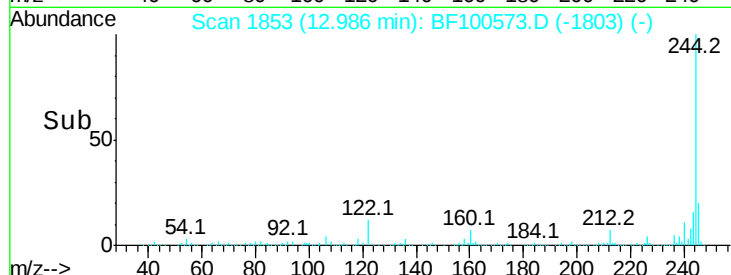
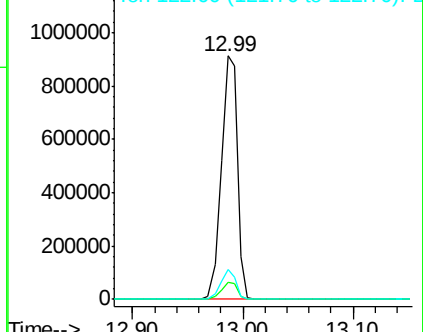
122 12.1 11.0 16.4



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. -0.01 min

Lab File: BF100573.D

Acq: 15 Nov 2017 7:00

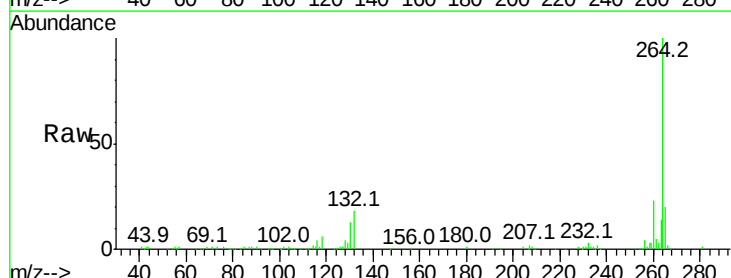
Tgt Ion:264 Resp: 165102

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.1 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

