

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103108.D
 Acq On : 20 Feb 2018 3:33
 Operator : SJ/JU
 Sample : J1604-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Feb 20 04:56:02 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167069	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703653	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299787	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	448431	20.00	ng	0.00
75) Chrysene-d12	14.04	240	313496	20.00	ng	-0.01
86) Perylene-d12	15.54	264	283057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1223005	111.17	ng	0.02
7) Phenol-d6	6.52	99	1322120	99.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	1029247	101.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	294553	122.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1584372	87.70	ng	0.00
78) Terphenyl-d14	12.99	244	1175570	88.79	ng	0.00

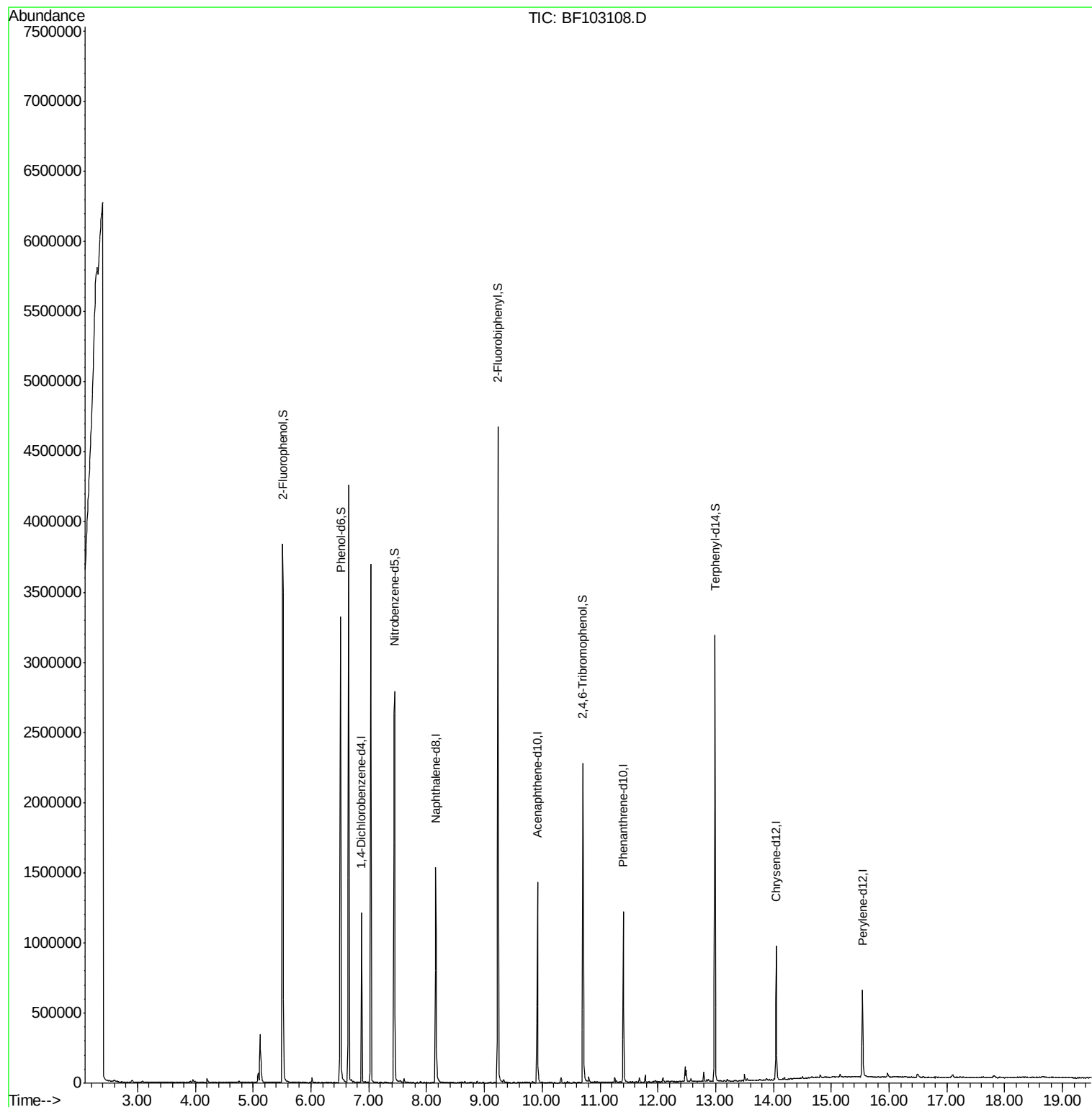
Target Compounds	Qvalue
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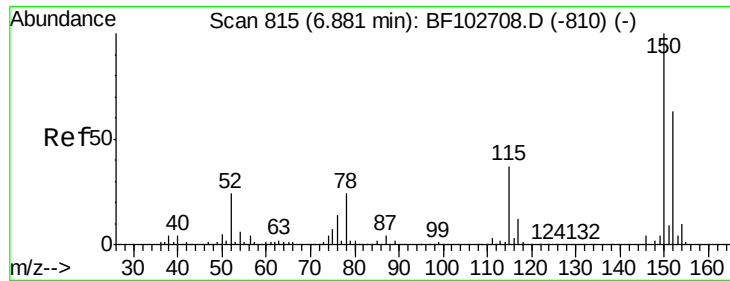
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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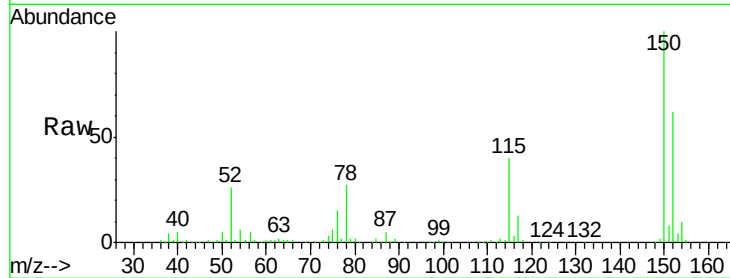


#1

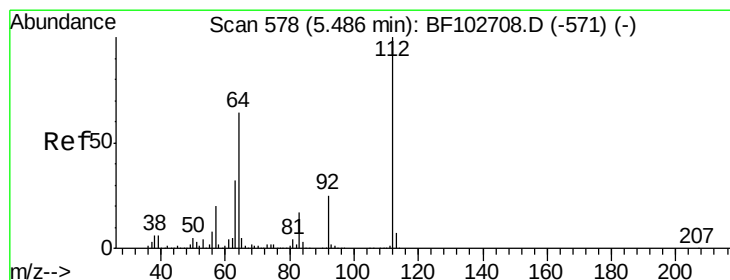
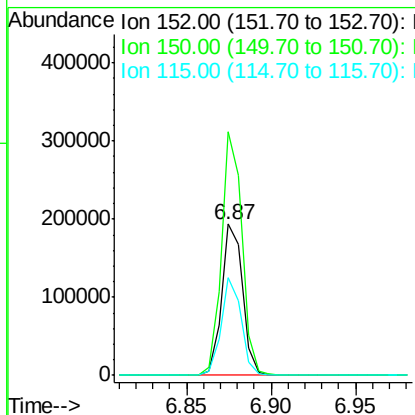
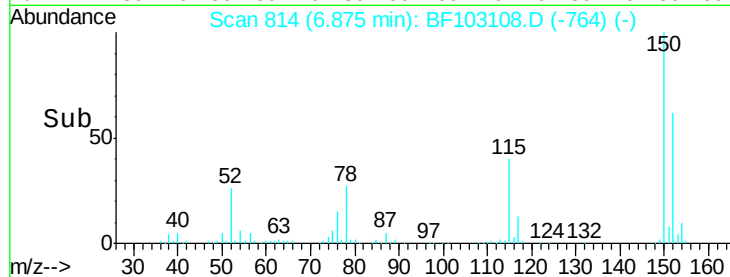
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 167069
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 64.7 50.1 75.1



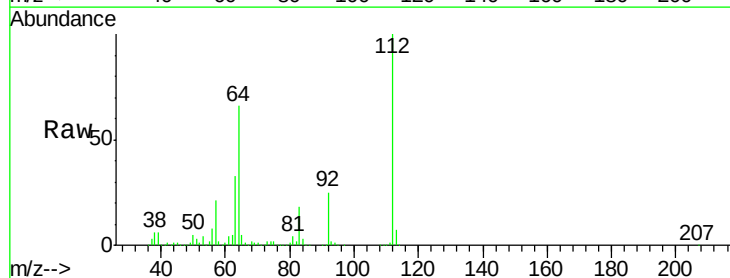
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



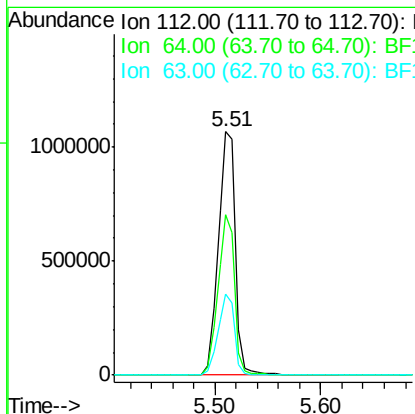
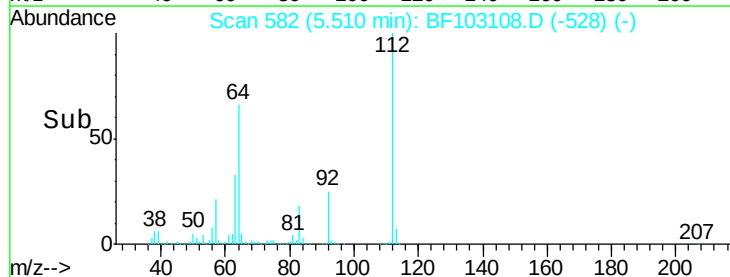
#5

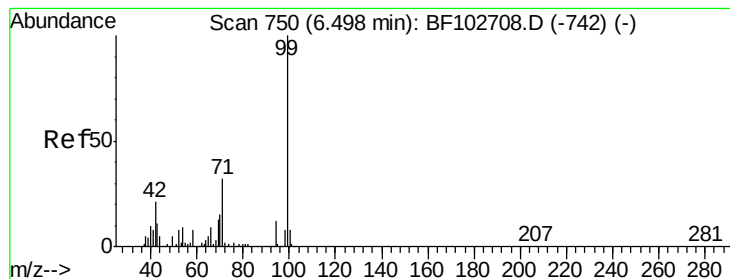
2-Fluorophenol
Concen: 111.172 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:112 Resp: 1223005
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 33.4 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: 99.813 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103108.D

Acq: 20 Feb 2018 3:33

Instrument :

BNA_F

ClientSampleId :

TP-3

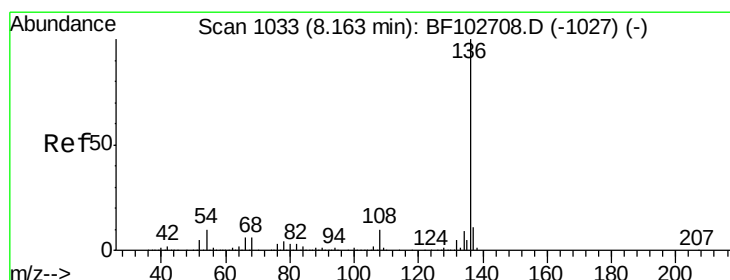
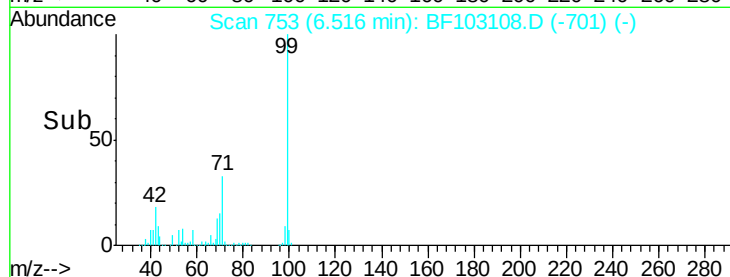
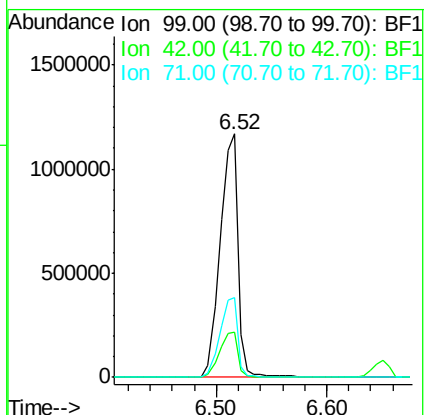
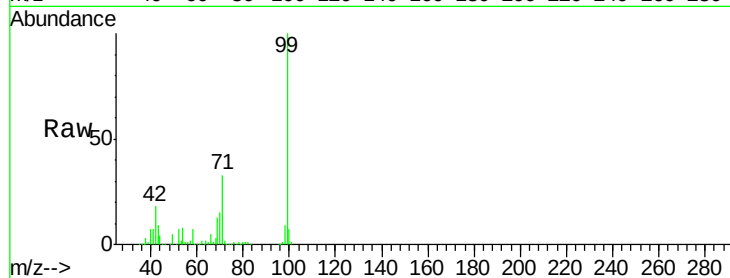
Tgt Ion: 99 Resp: 1322120

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103108.D

Acq: 20 Feb 2018 3:33

Tgt Ion: 136 Resp: 703653

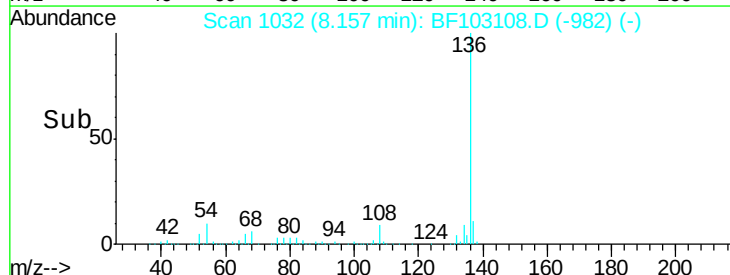
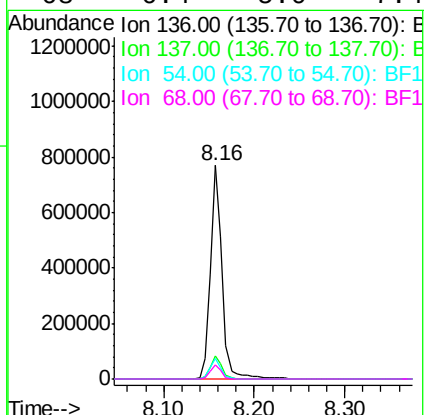
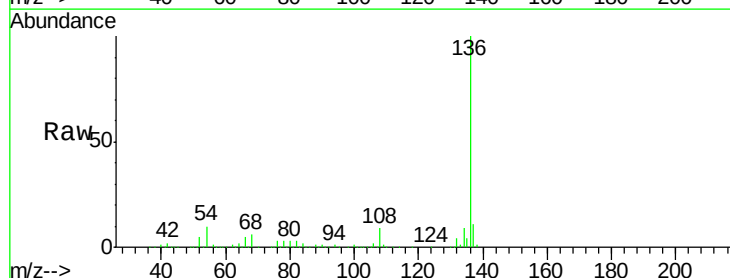
Ion Ratio Lower Upper

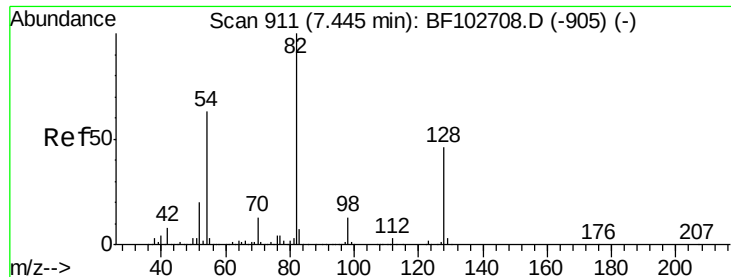
136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 6.4 5.0 7.4

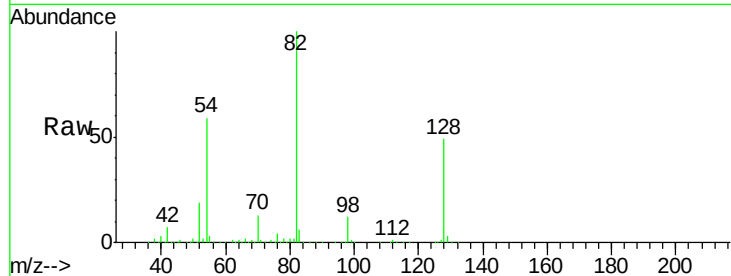




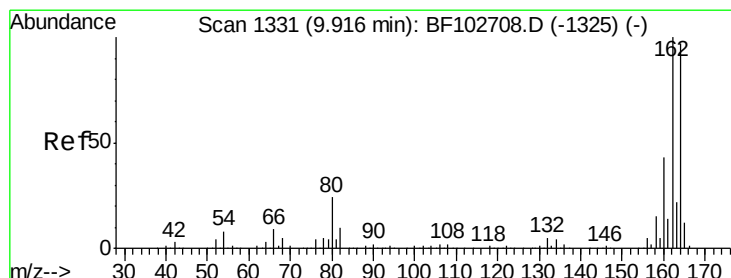
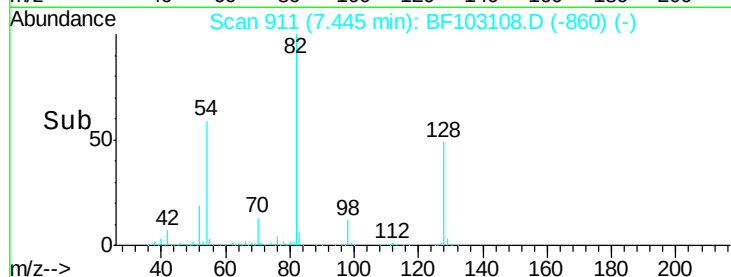
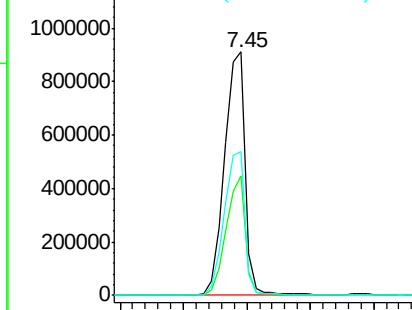
#23
Nitrobenzene-d5
Concen: 101.470 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampled :
TP-3

Tgt Ion: 82 Resp: 1029247
Ion Ratio Lower Upper
82 100
128 49.3 36.1 54.1
54 58.8 41.4 62.2

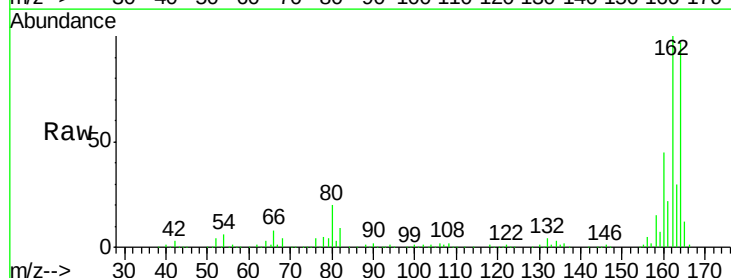


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

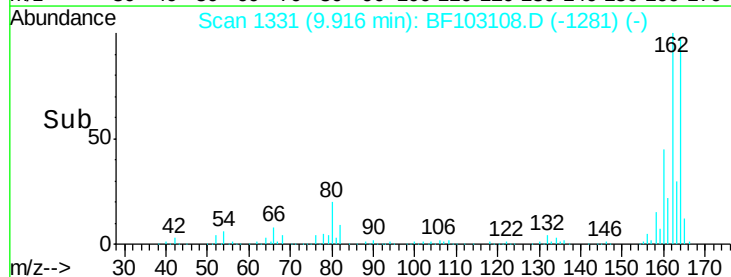
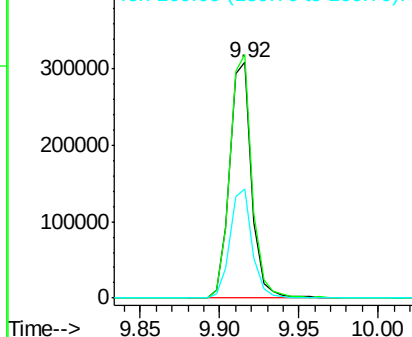


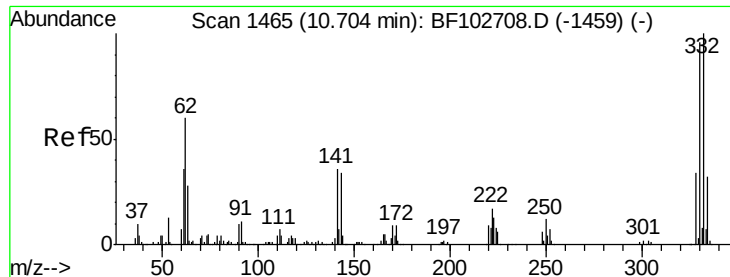
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion: 164 Resp: 299787
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

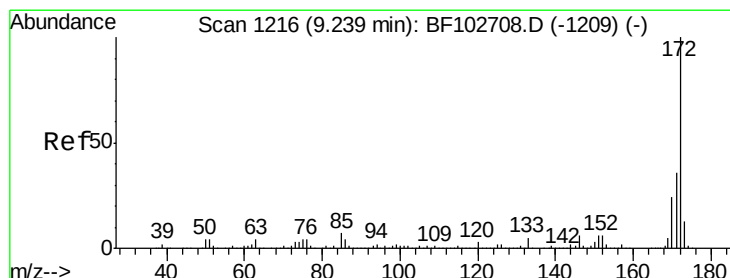
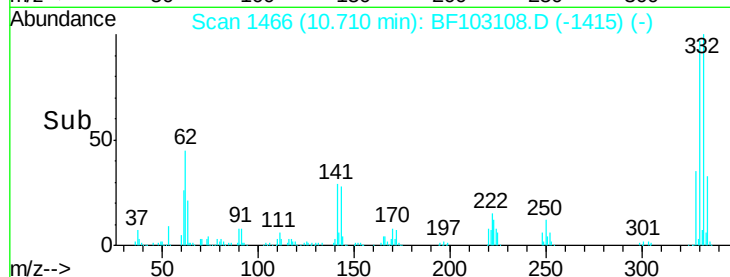
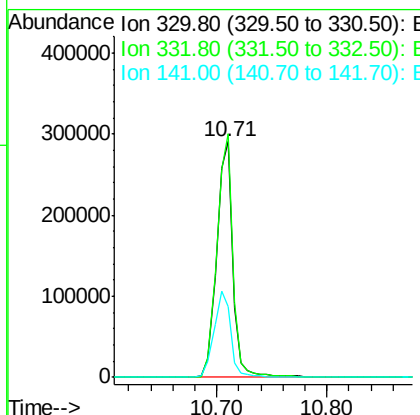
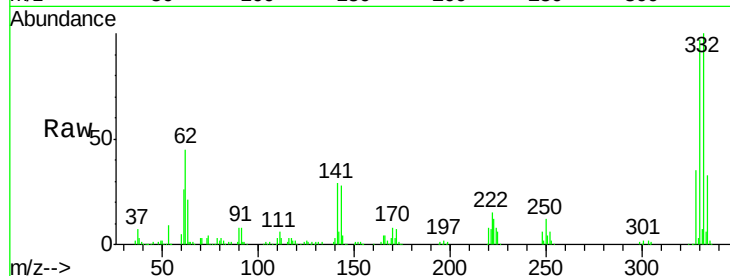




#41
 2,4,6-Tribromophenol
 Concen: 122.072 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103108.D
 Acq: 20 Feb 2018 3:33

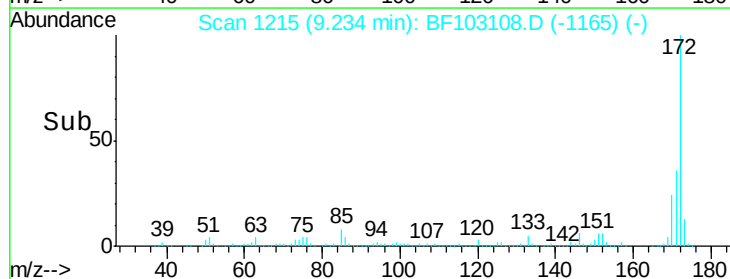
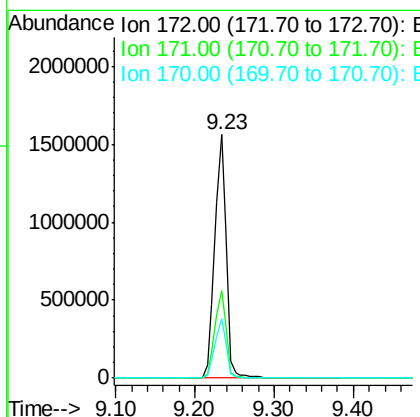
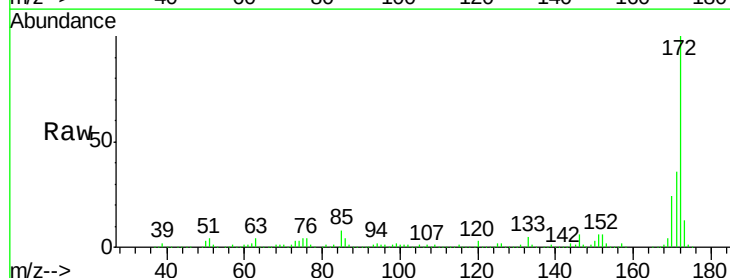
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

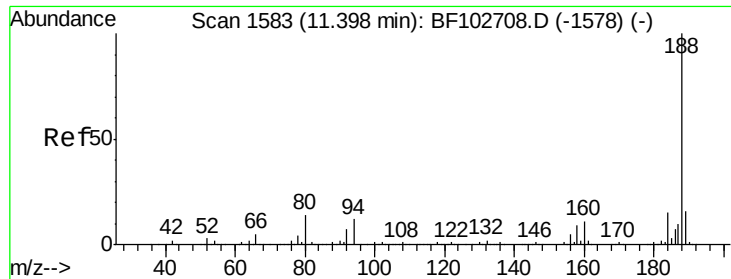
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	38.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.697 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103108.D
 Acq: 20 Feb 2018 3:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

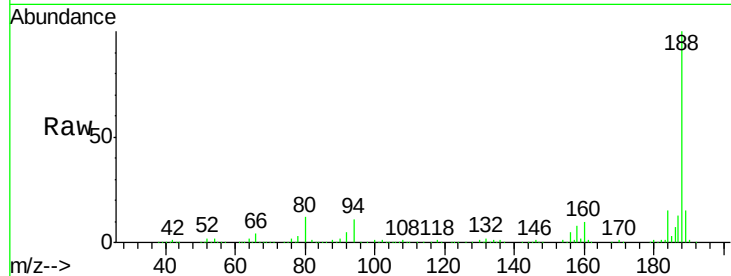




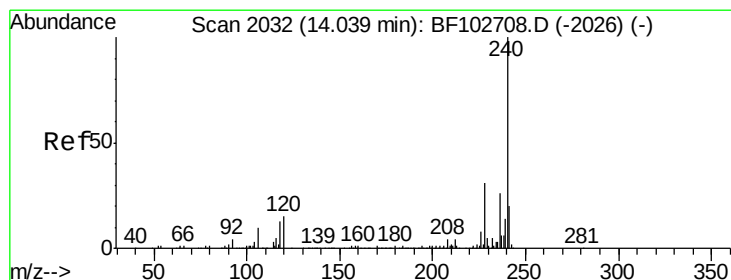
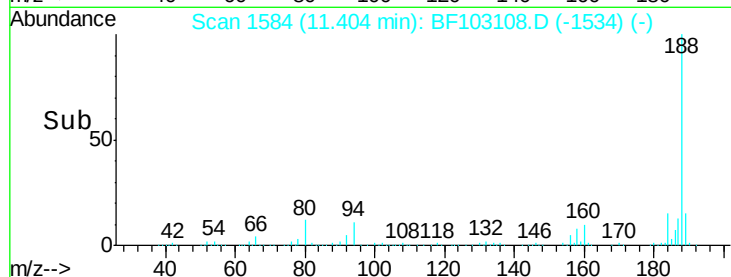
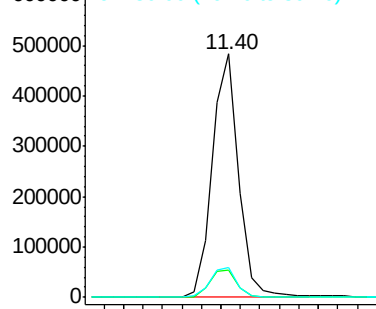
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 448431
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.1 9.2 13.8

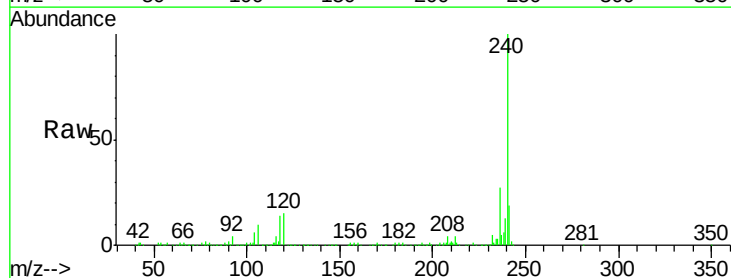


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

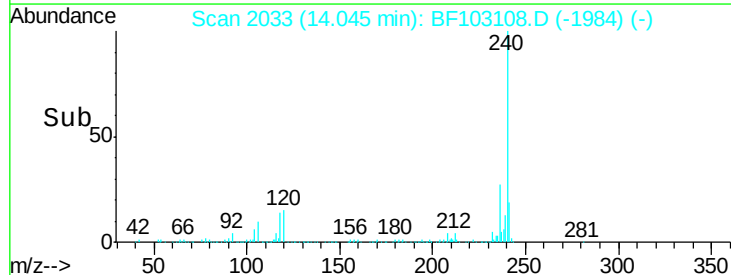
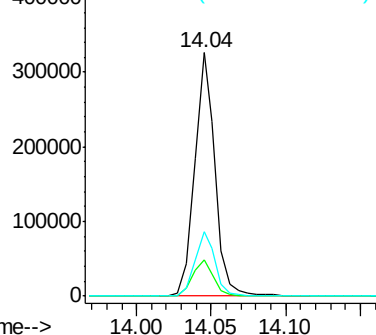


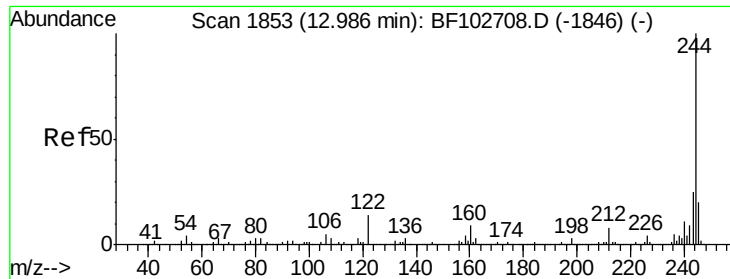
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:240 Resp: 313496
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.5 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: 88.789 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103108.D

Acq: 20 Feb 2018 3:33

Instrument :

BNA_F

ClientSampled :

TP-3

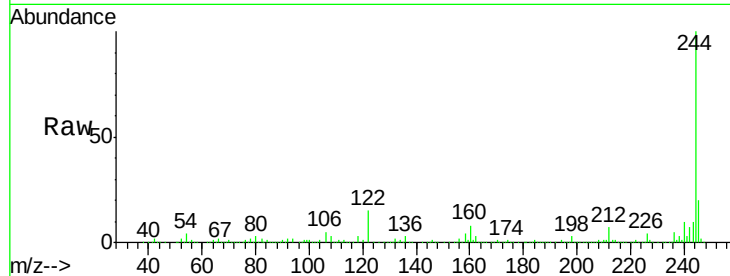
Tgt Ion:244 Resp: 1175570

Ion Ratio Lower Upper

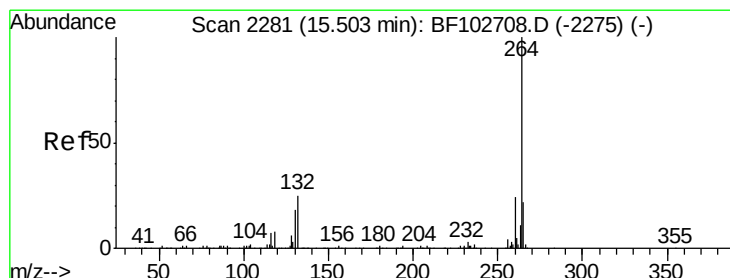
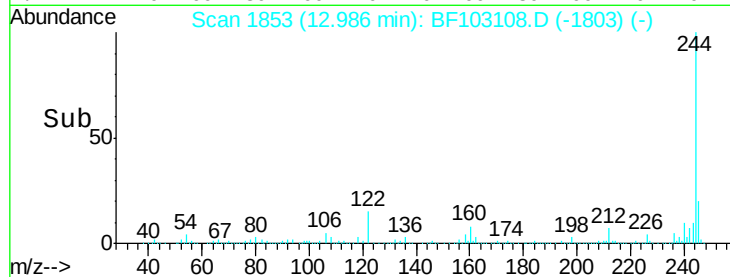
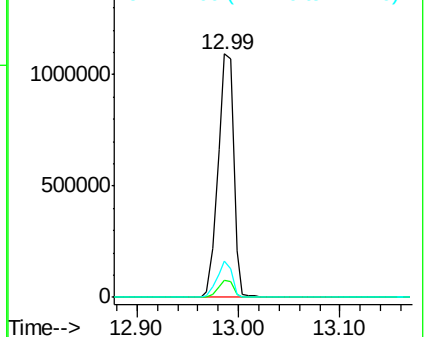
244 100

212 6.9 5.4 8.0

122 14.8 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: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103108.D

Acq: 20 Feb 2018 3:33

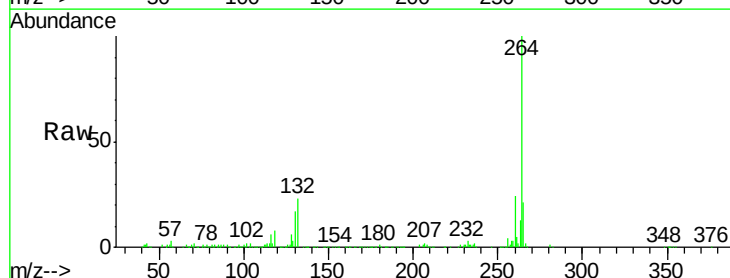
Tgt Ion:264 Resp: 283057

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 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

