

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103109.D
 Acq On : 20 Feb 2018 4:00
 Operator : SJ/JU
 Sample : J1604-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 20 05:31:06 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

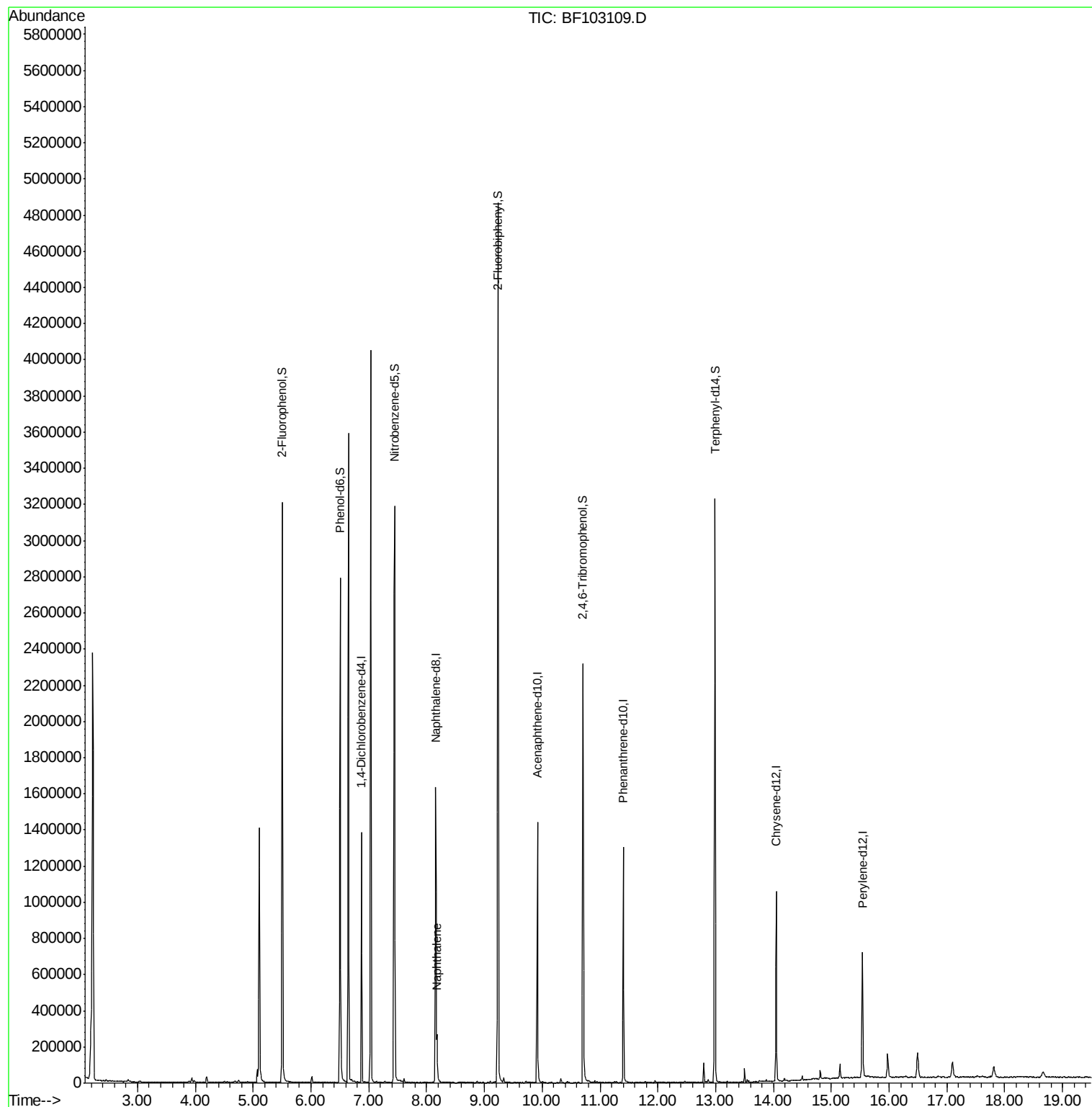
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177800	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	746298	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	319655	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	483620	20.00	ng	0.00
75) Chrysene-d12	14.05	240	334590	20.00	ng	-0.01
86) Perylene-d12	15.54	264	291909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	903835	77.20	ng	0.01
7) Phenol-d6	6.51	99	1038338	73.66	ng	0.00
23) Nitrobenzene-d5	7.45	82	1154361	107.30	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	314339	122.18	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1723512	89.47	ng	0.00
78) Terphenyl-d14	12.99	244	1310384	92.73	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	99698	2.734	ng	Qvalue 98

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

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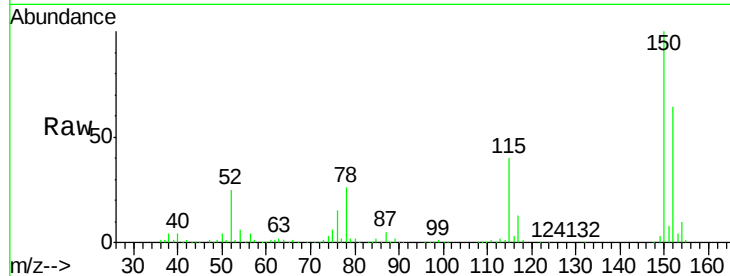


#1

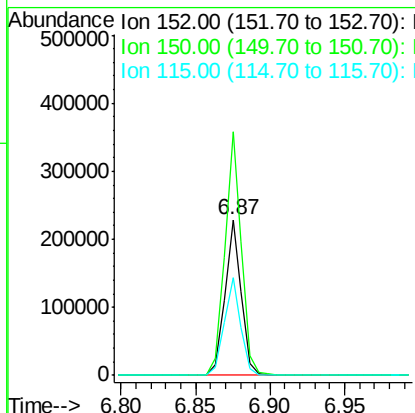
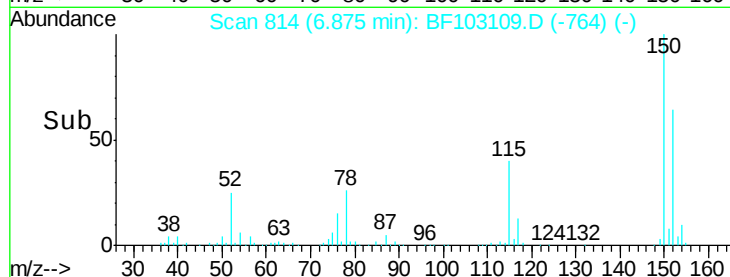
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103109.D
 Acq: 20 Feb 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:152 Resp: 177800
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 62.6 50.1 75.1



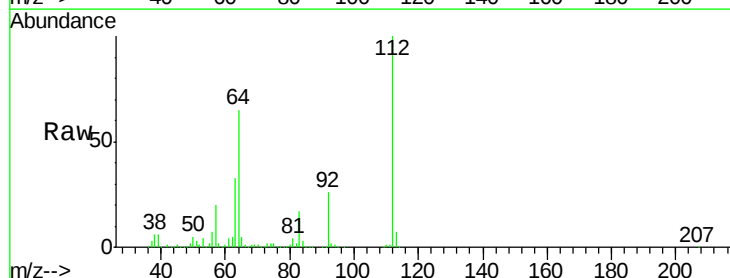
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



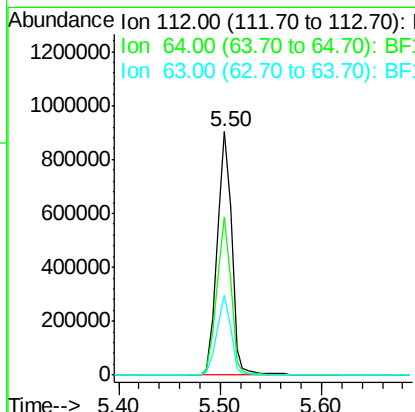
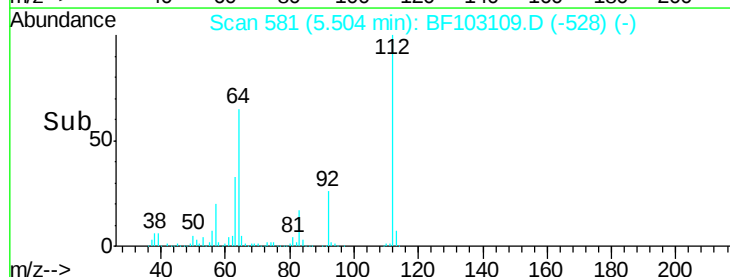
#5

2-Fluorophenol
 Concen: 77.200 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF103109.D
 Acq: 20 Feb 2018 4:00

Tgt Ion:112 Resp: 903835
 Ion Ratio Lower Upper
 112 100
 64 64.8 47.9 71.9
 63 33.0 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: 73.658 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

Instrument :

BNA_F

ClientSampleId :

TP-4

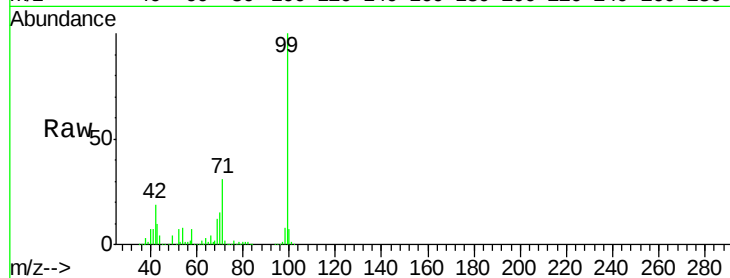
Tgt Ion: 99 Resp: 1038338

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

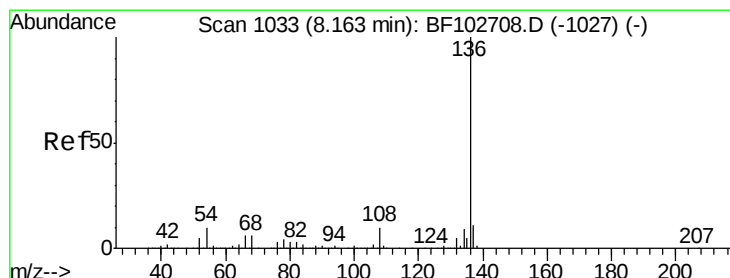
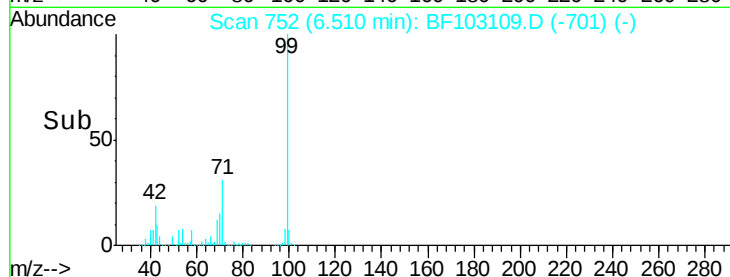
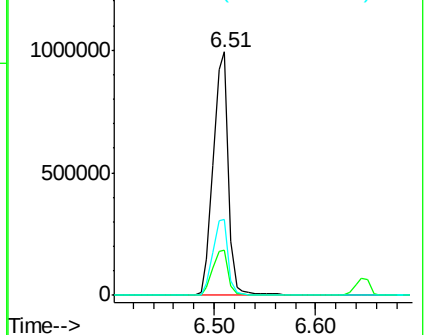
71 31.4 25.4 38.0



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# 1032

Delta R.T. -0.01 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

Tgt Ion: 136 Resp: 746298

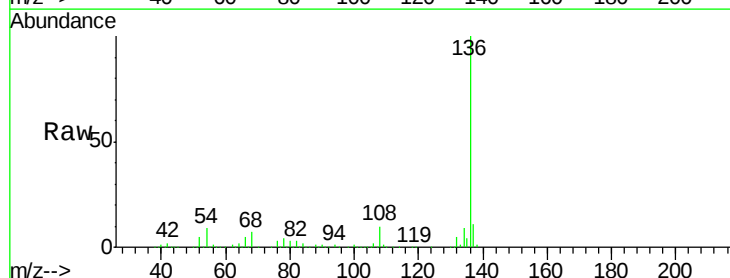
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.4 6.6 9.8

68 6.8 5.0 7.4

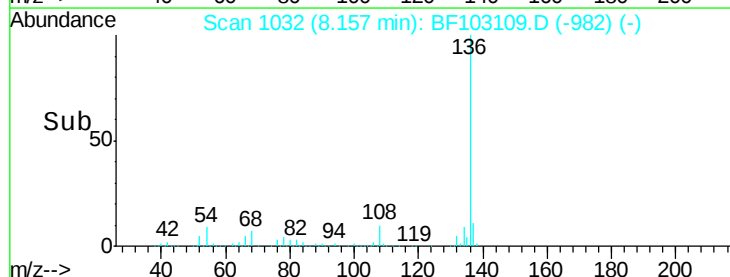
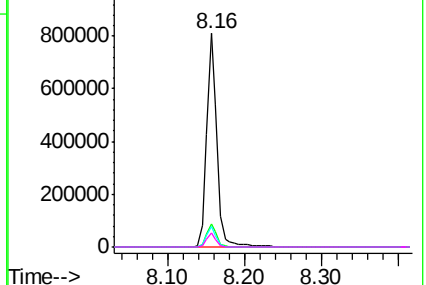


Abundance Ion 136.00 (135.70 to 136.70): E

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

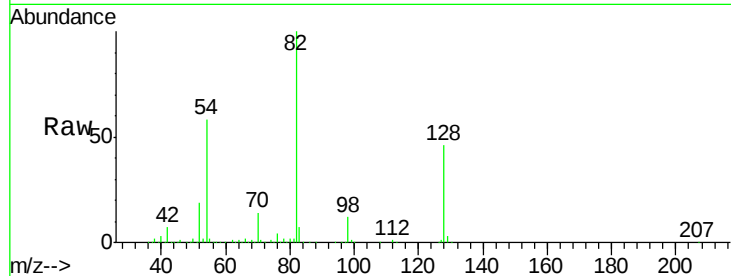




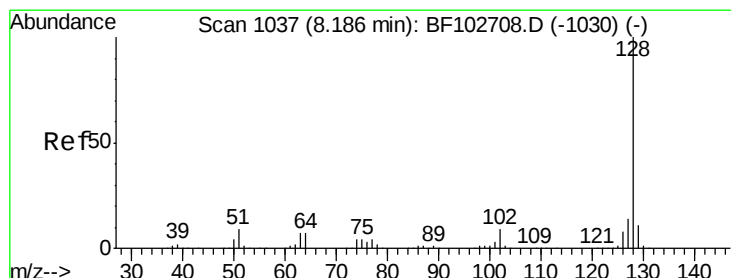
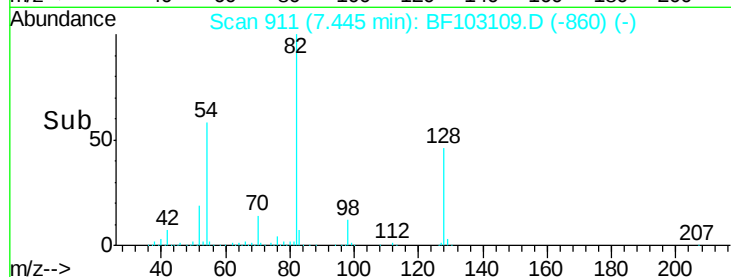
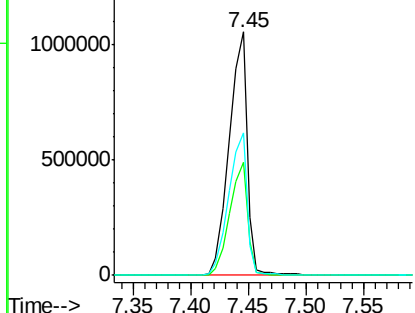
#23
Nitrobenzene-d5
Concen: 107.301 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103109.D
Acq: 20 Feb 2018 4:00

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 1154361
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 58.3 41.4 62.2

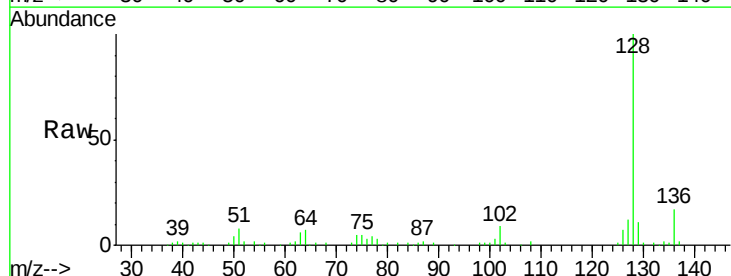


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

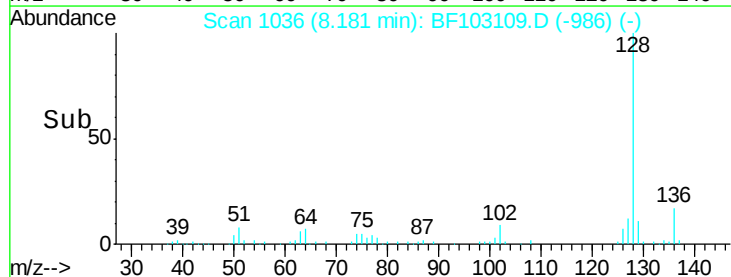
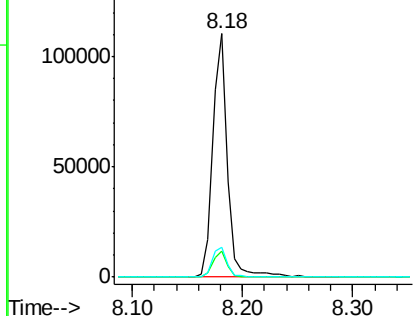


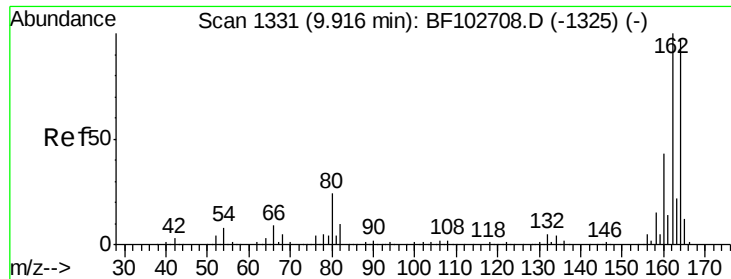
#31
Naphthalene
Concen: 2.734 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103109.D
Acq: 20 Feb 2018 4:00

Tgt Ion: 128 Resp: 99698
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

Instrument :

BNA_F

ClientSampleId :

TP-4

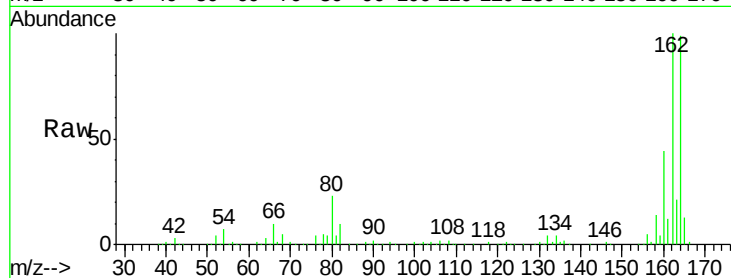
Tgt Ion:164 Resp: 319655

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

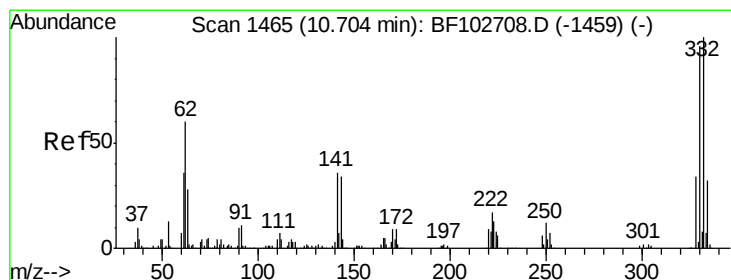
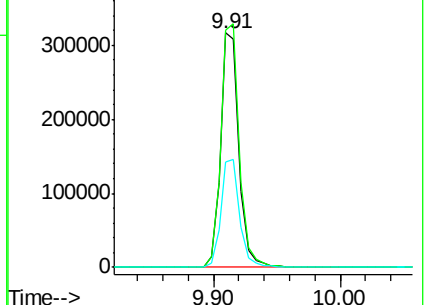
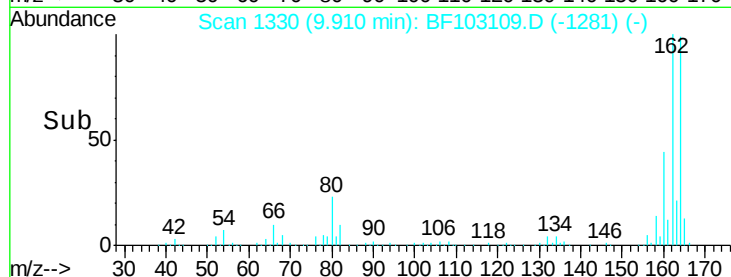
160 45.0 38.3 57.5



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: 122.175 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

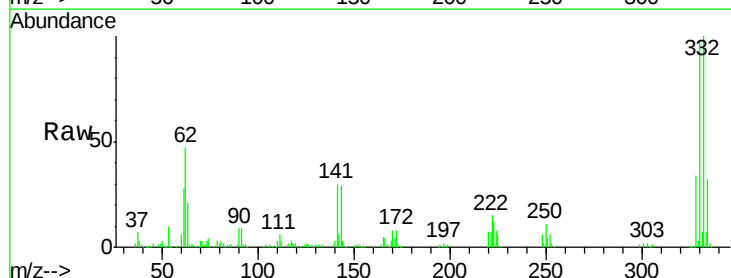
Tgt Ion:330 Resp: 314339

Ion Ratio Lower Upper

330 100

332 102.8 77.0 115.6

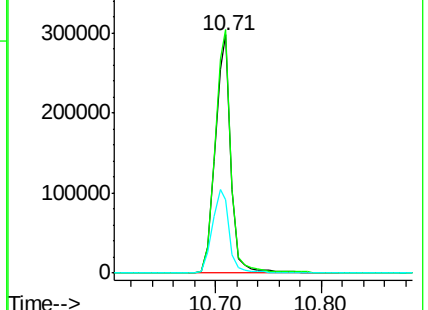
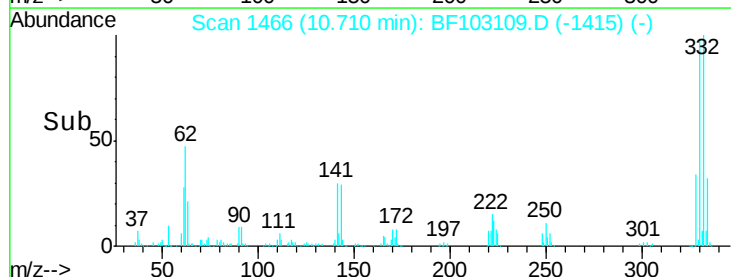
141 38.1 29.9 44.9

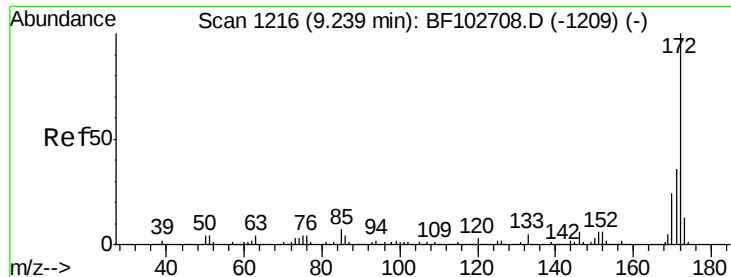


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

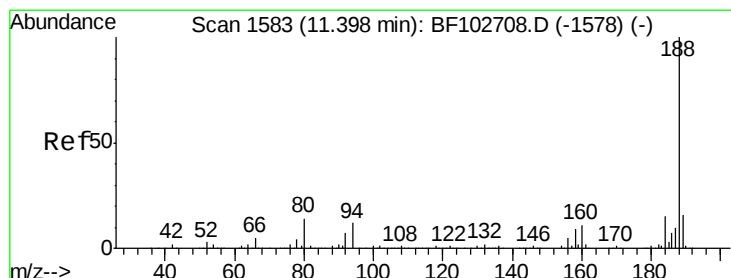
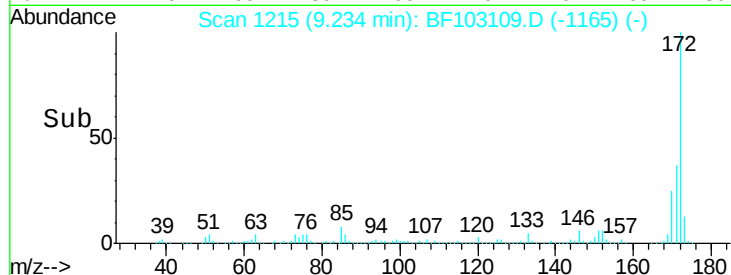
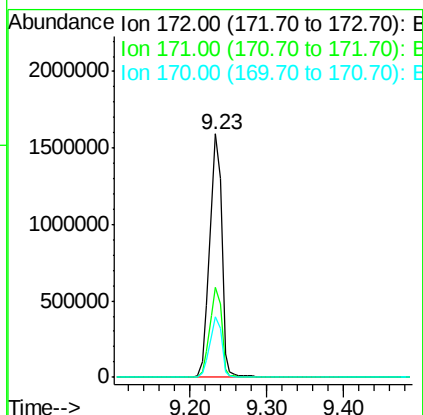
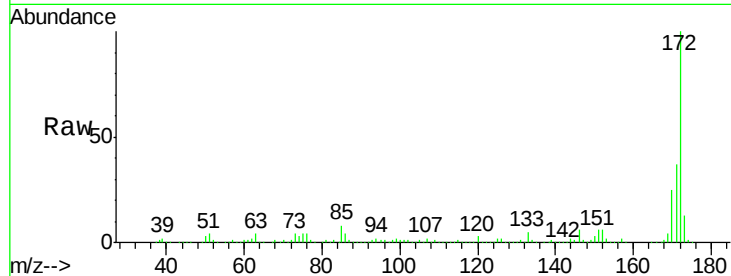




#44
 2-Fluorobiphenyl
 Concen: 89.469 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103109.D
 Acq: 20 Feb 2018 4:00

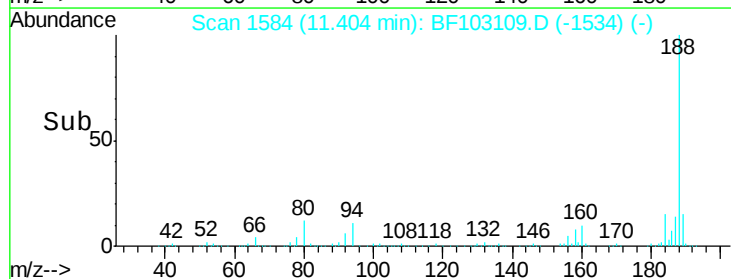
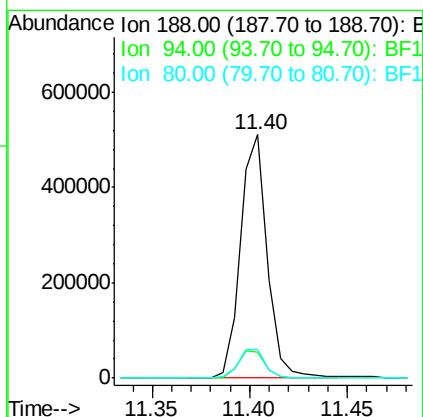
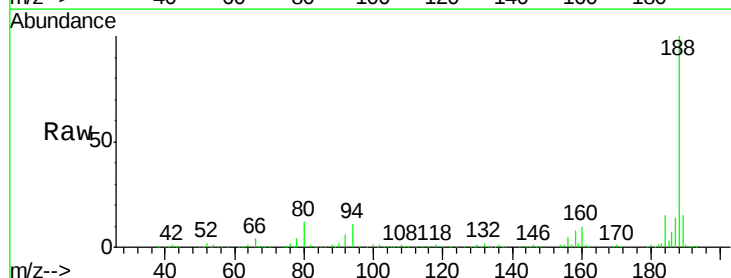
Instrument :
 BNA_F
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 TP-4

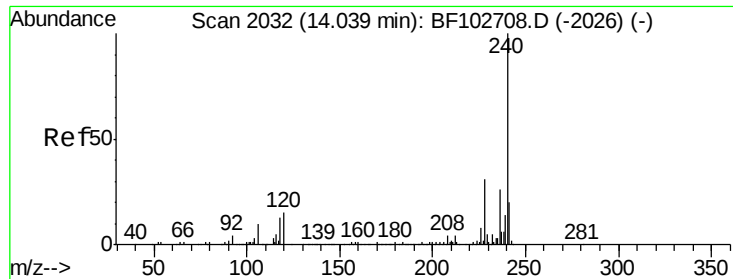
Tgt Ion:172 Resp: 1723512
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.8 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103109.D
 Acq: 20 Feb 2018 4:00

Tgt Ion:188 Resp: 483620
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

Instrument :

BNA_F

ClientSampleId :

TP-4

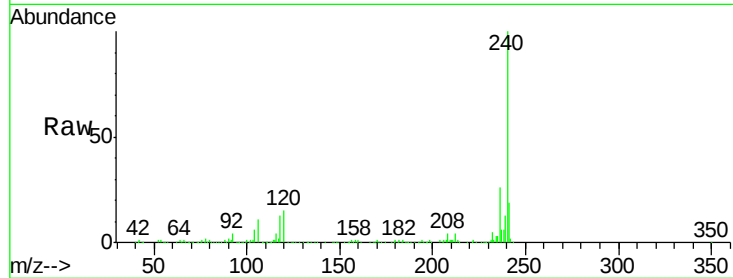
Tgt Ion:240 Resp: 334590

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

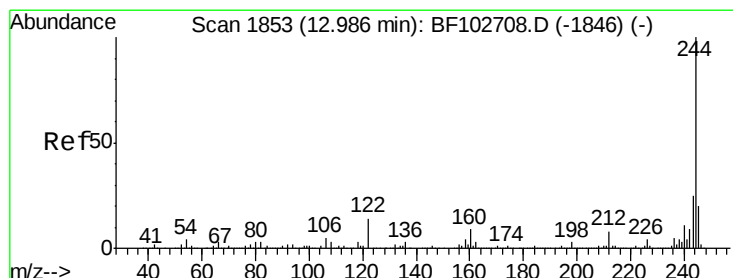
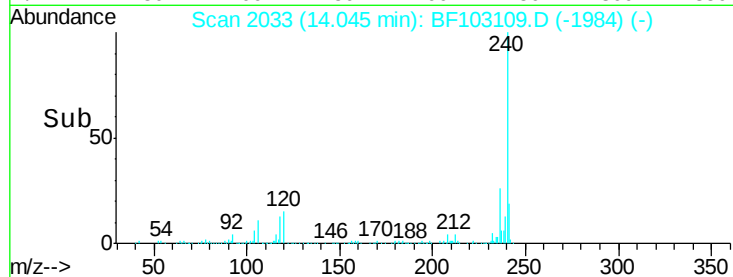
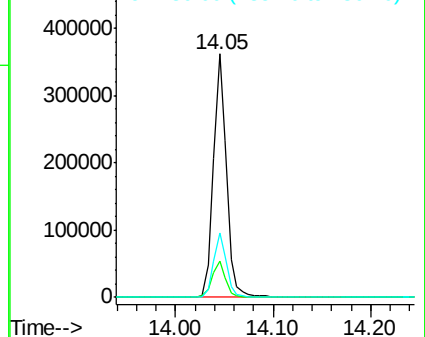
236 26.4 20.7 31.1



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: 92.731 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

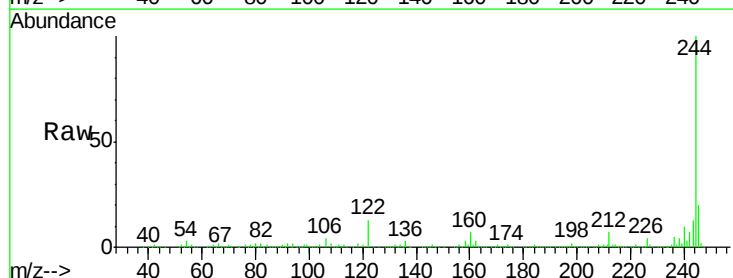
Tgt Ion:244 Resp: 1310384

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

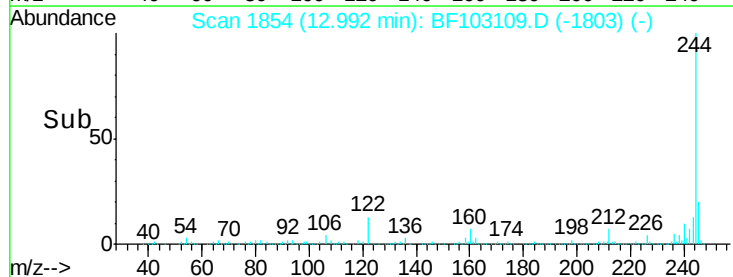
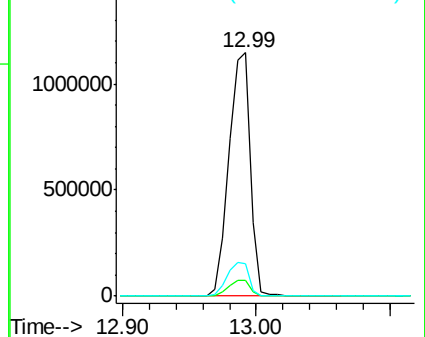
122 13.1 11.0 16.4

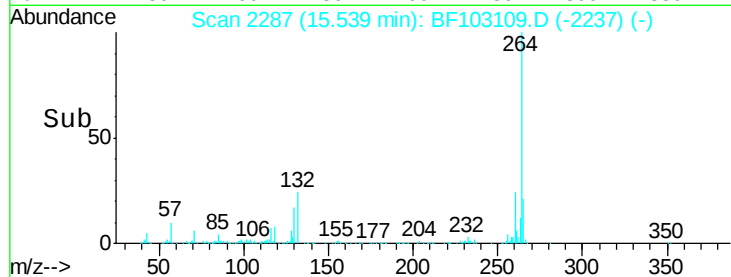
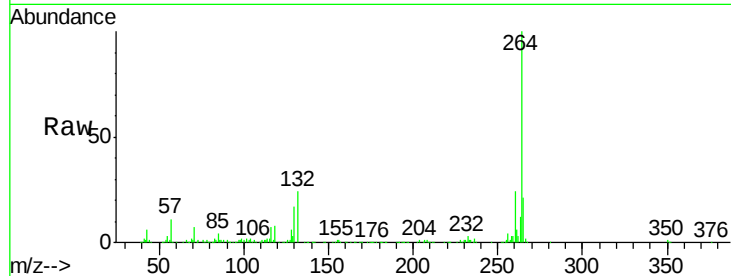
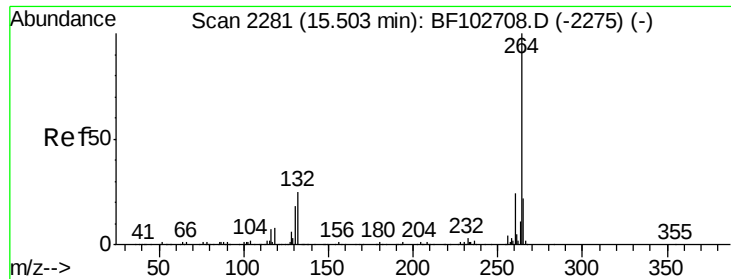


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103109.D

Acq: 20 Feb 2018 4:00

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion: 264 Resp: 291909

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 17.5 26.3

