

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103039.D
 Acq On : 16 Feb 2018 3:05
 Operator : SJ/JU
 Sample : J1402-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

Quant Time: Feb 16 04:35:55 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182078	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	753746	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	318605	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	457715	20.00	ng	0.00
75) Chrysene-d12	14.04	240	325499	20.00	ng	0.00
86) Perylene-d12	15.53	264	264029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1053396	87.86	ng	0.01
7) Phenol-d6	6.51	99	1140380	79.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	850495	78.27	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203750	79.45	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1375648	71.65	ng	0.00
78) Terphenyl-d14	12.99	244	968817	70.47	ng	0.00

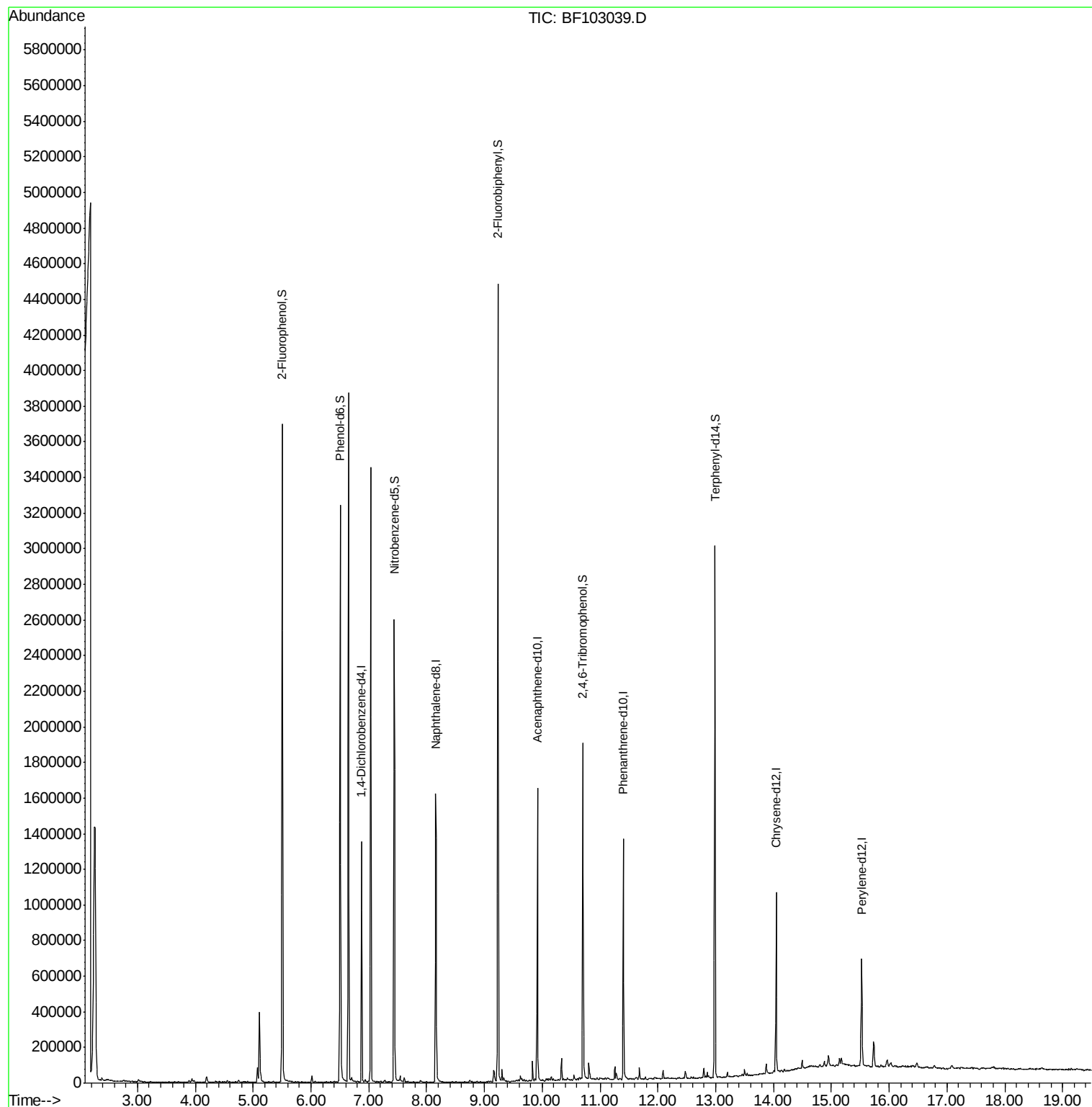
Target Compounds	Qvalue
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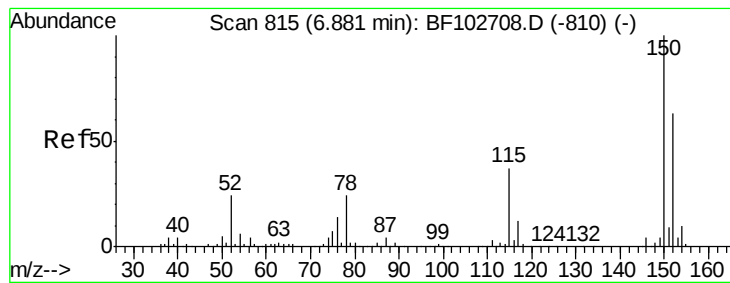
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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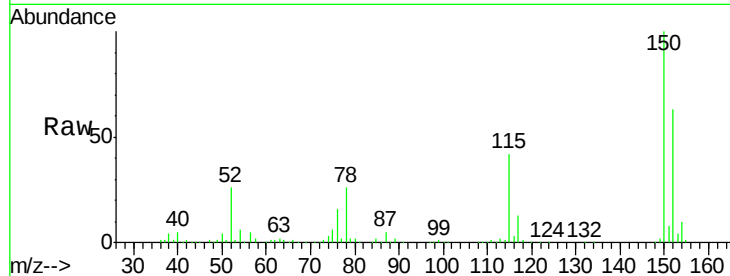


#1

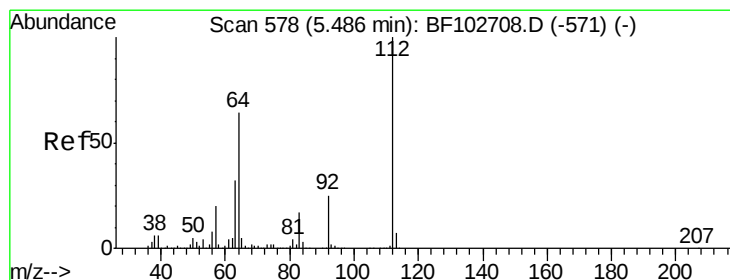
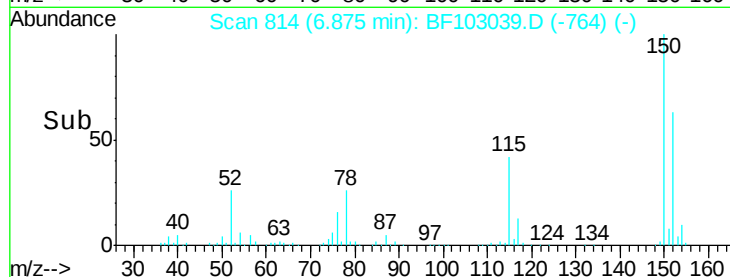
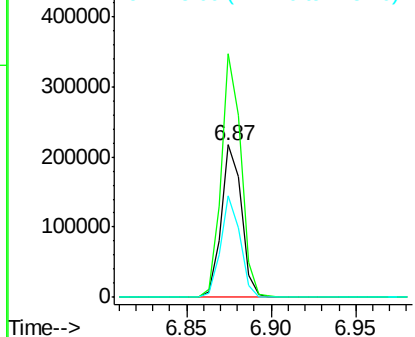
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103039.D
Acq: 16 Feb 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion:152 Resp: 182078
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 66.2 50.1 75.1



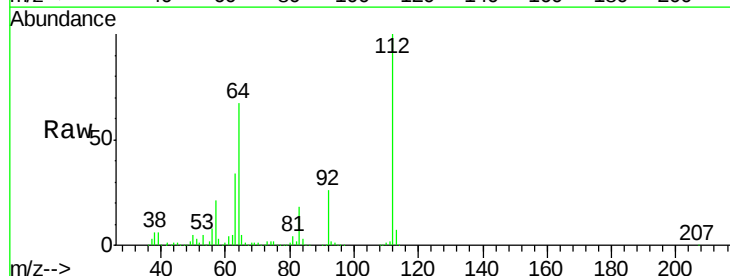
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



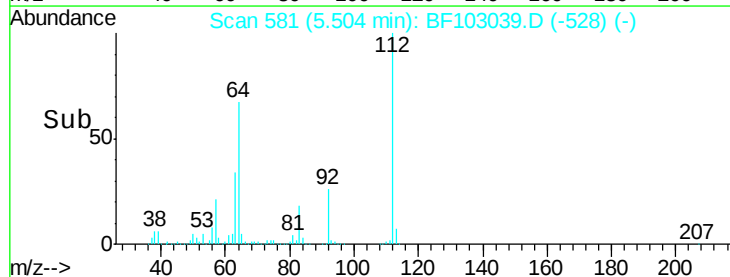
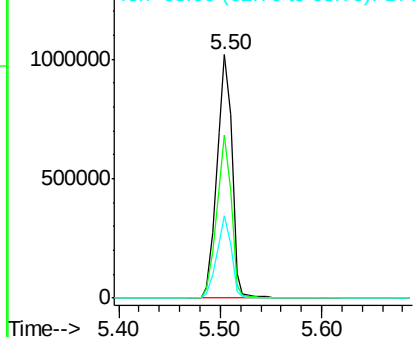
#5

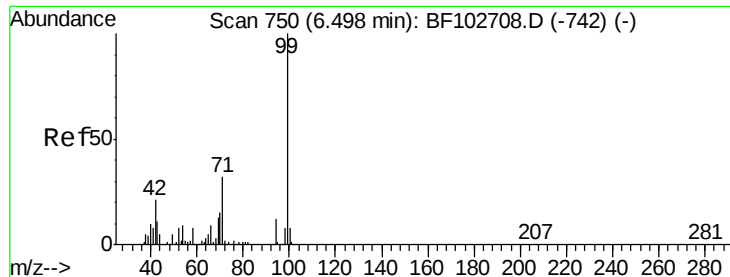
2-Fluorophenol
Concen: 87.861 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103039.D
Acq: 16 Feb 2018 3:05

Tgt Ion:112 Resp: 1053396
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 33.8 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: 78.996 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103039.D

Acq: 16 Feb 2018 3:05

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

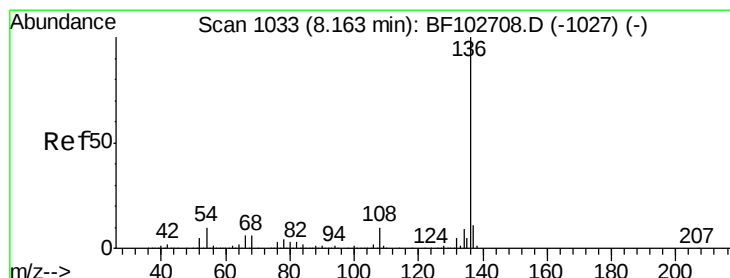
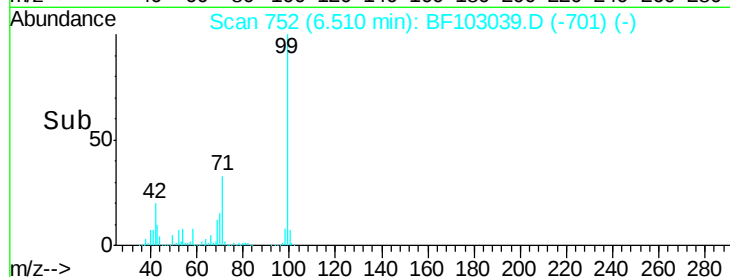
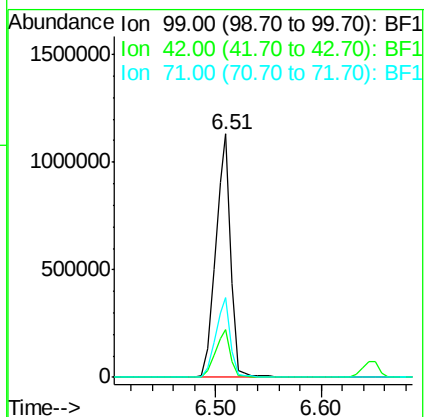
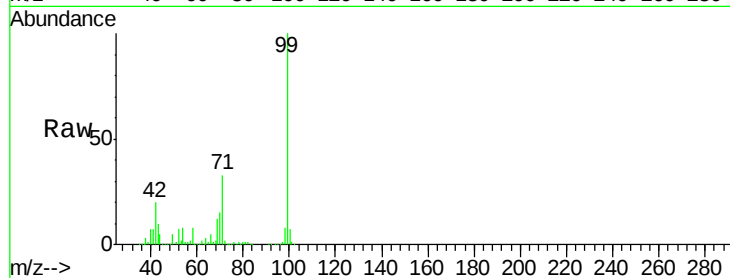
Tgt Ion: 99 Resp: 1140380

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.9 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: BF103039.D

Acq: 16 Feb 2018 3:05

Tgt Ion: 136 Resp: 753746

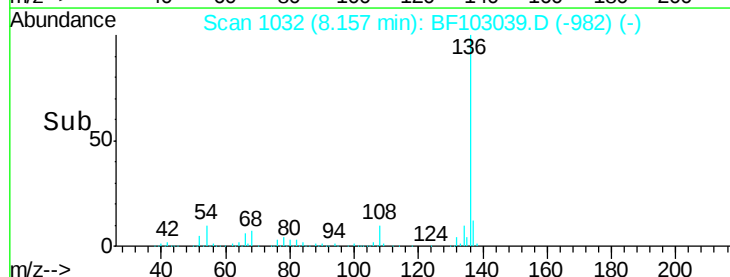
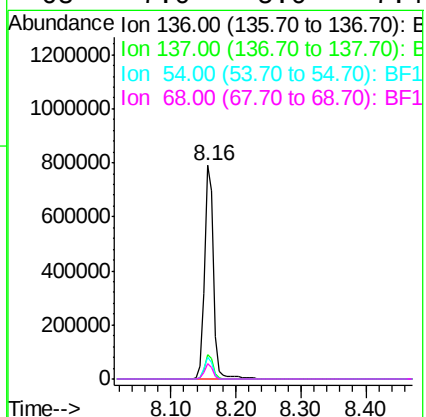
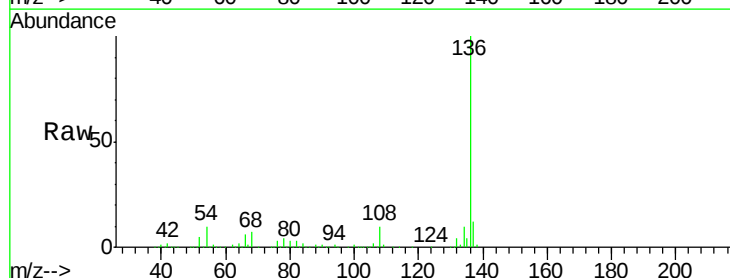
Ion Ratio Lower Upper

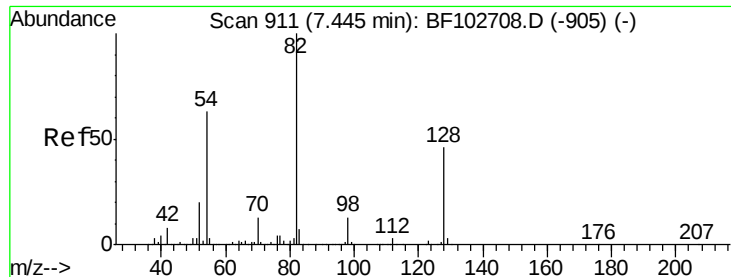
136 100

137 11.5 8.9 13.3

54 10.2 6.6 9.8#

68 7.0 5.0 7.4

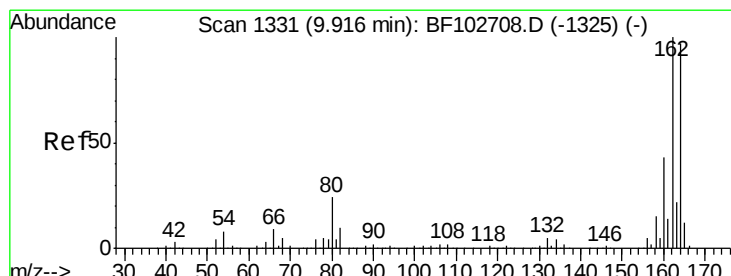
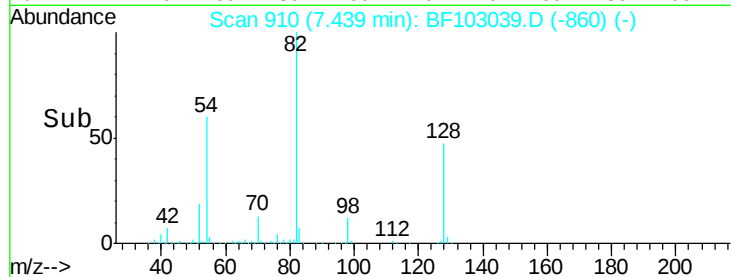
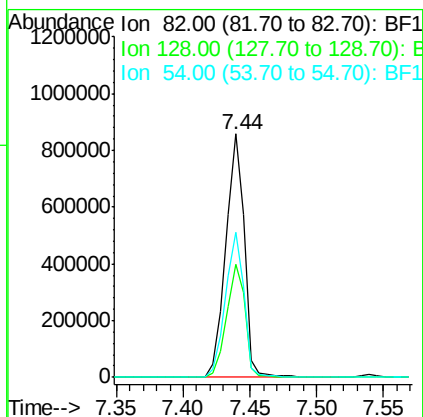
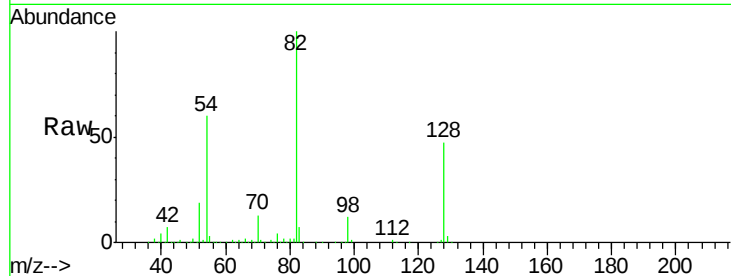




#23
 Nitrobenzene-d5
 Concen: 78.275 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103039.D
 Acq: 16 Feb 2018 3:05

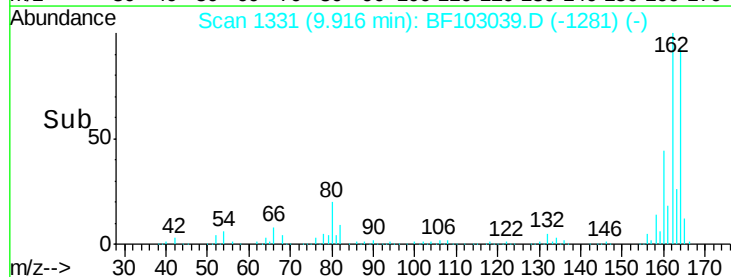
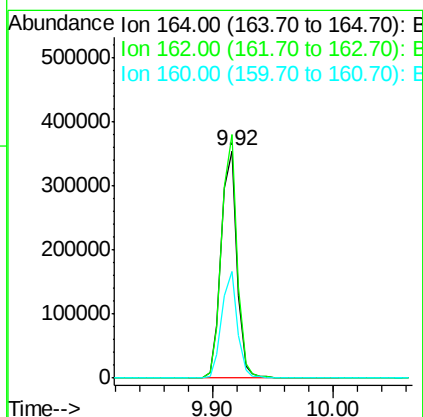
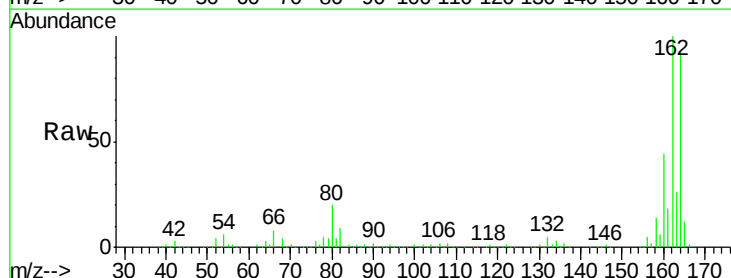
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

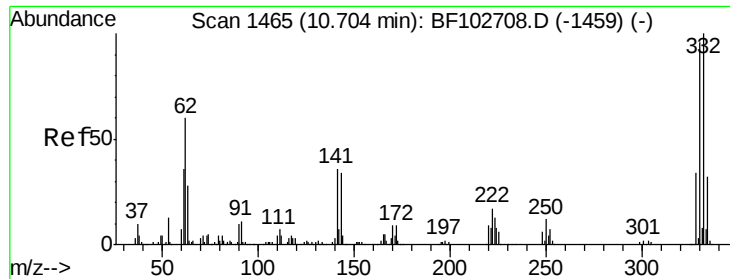
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	59.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103039.D
 Acq: 16 Feb 2018 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	46.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 79.453 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103039.D

Acq: 16 Feb 2018 3:05

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

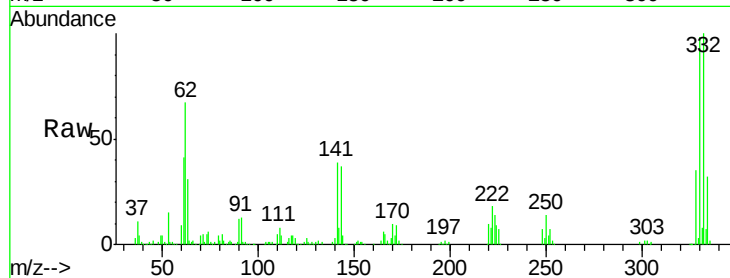
Tgt Ion:330 Resp: 203750

Ion Ratio Lower Upper

330 100

332 102.3 77.0 115.6

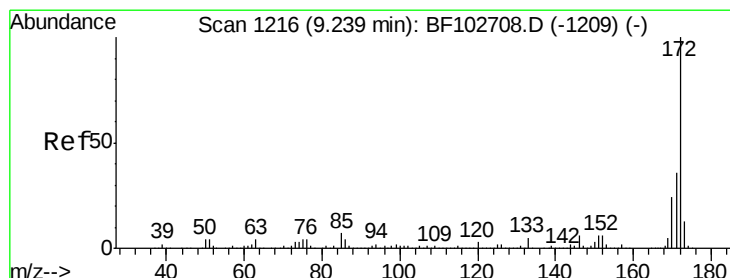
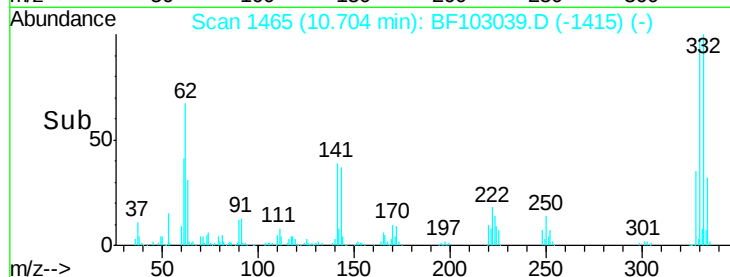
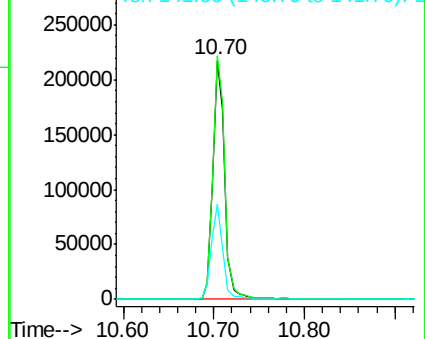
141 38.8 29.9 44.9



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: 71.646 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103039.D

Acq: 16 Feb 2018 3:05

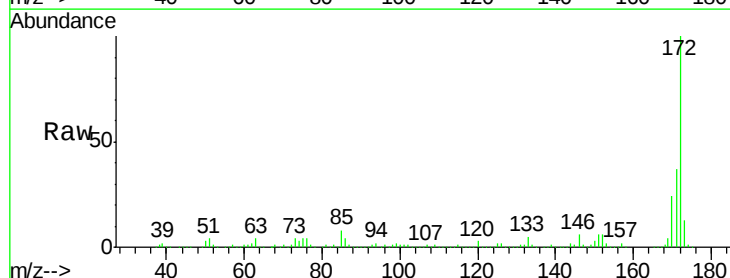
Tgt Ion:172 Resp: 1375648

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

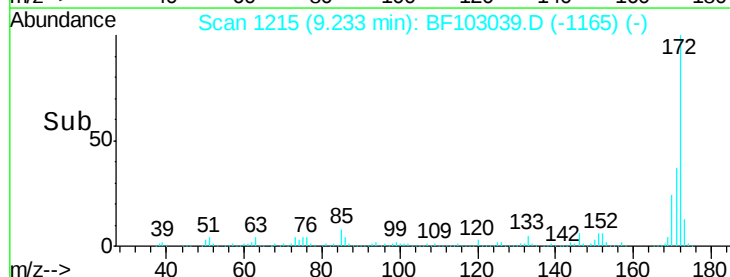
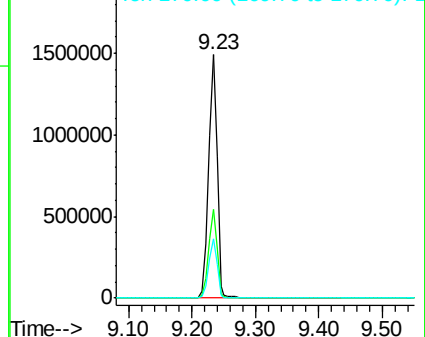
170 24.4 19.6 29.4

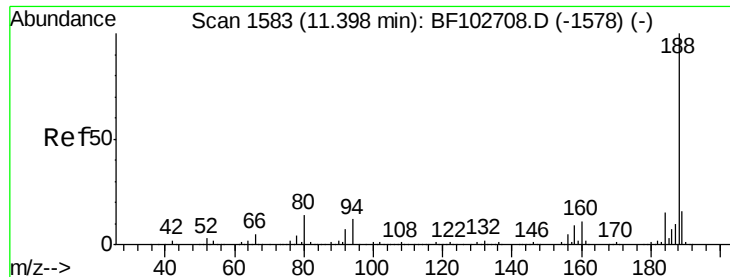


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BF103039.D

Acq: 16 Feb 2018 3:05

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

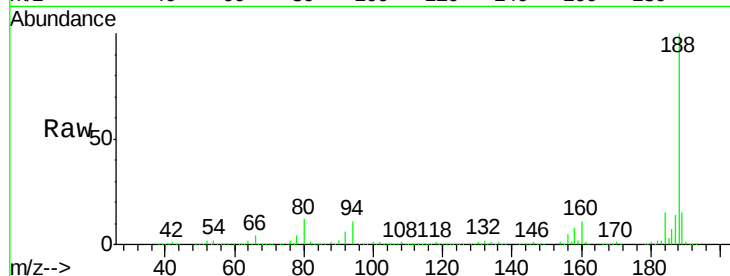
Tgt Ion:188 Resp: 457715

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

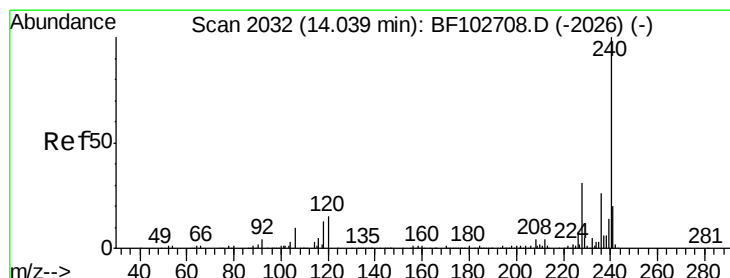
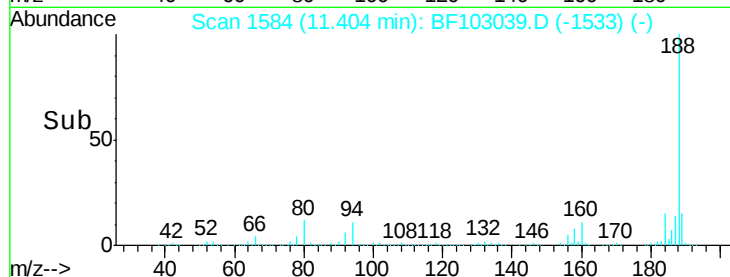
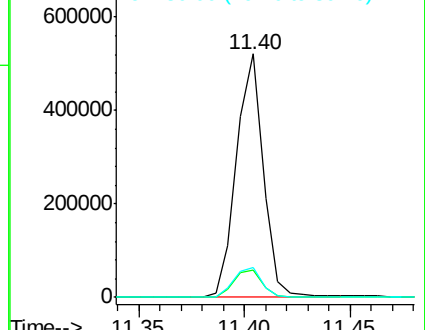
80 12.2 9.2 13.8



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: BF103039.D

Acq: 16 Feb 2018 3:05

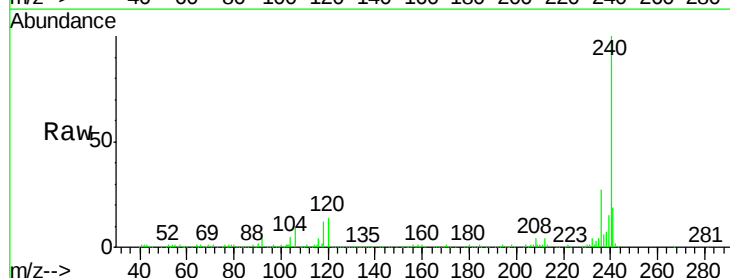
Tgt Ion:240 Resp: 325499

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

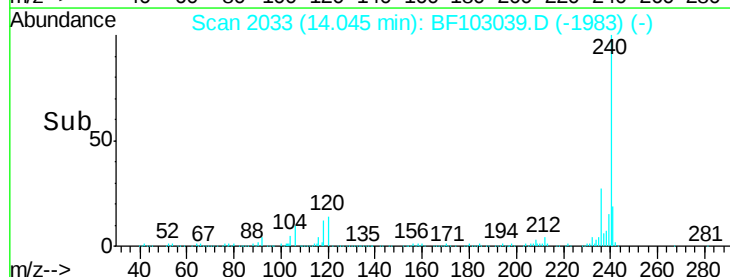
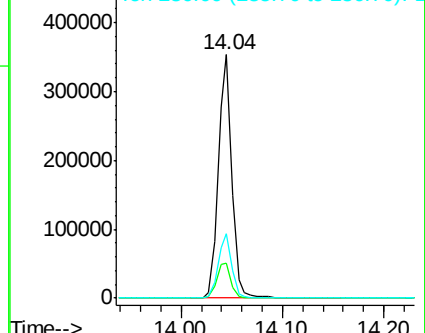
236 26.6 20.7 31.1

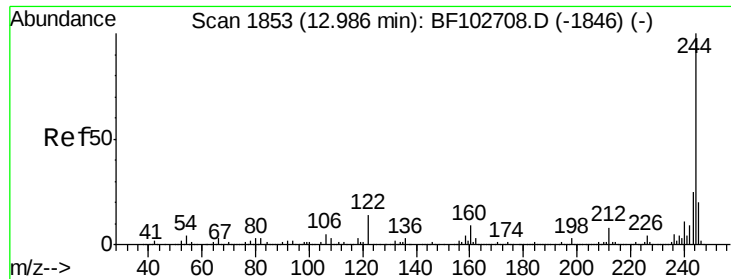


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.475 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103039.D

Acq: 16 Feb 2018 3:05

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

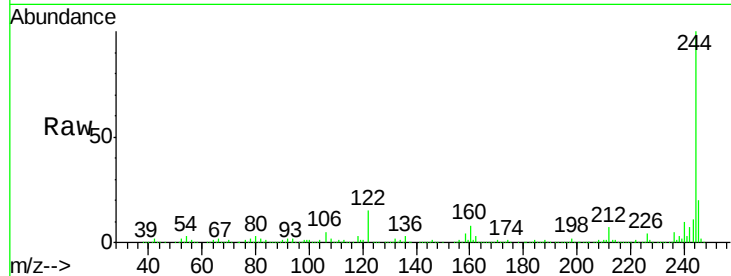
Tgt Ion:244 Resp: 968817

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

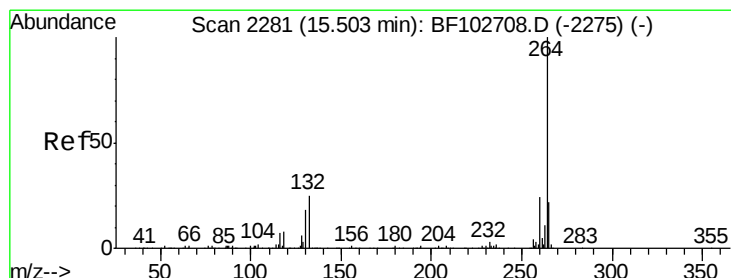
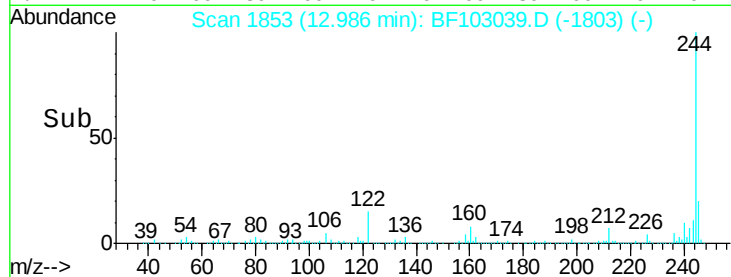
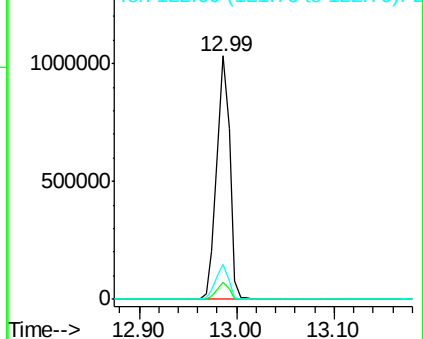
122 14.6 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF103039.D

Acq: 16 Feb 2018 3:05

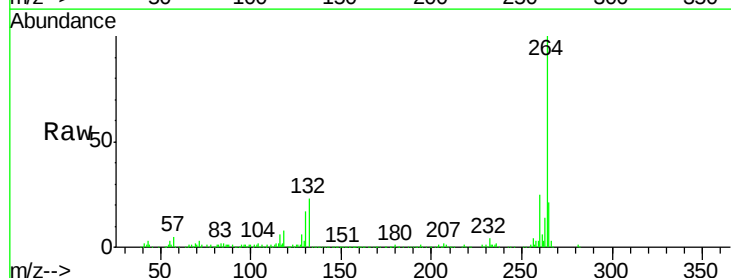
Tgt Ion:264 Resp: 264029

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.4 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

