

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103071.D
 Acq On : 19 Feb 2018 10:20
 Operator : SJ/JU
 Sample : PB106610BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106610BL

Quant Time: Feb 19 10:49:59 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	177511	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	741779	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339663	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	601883	20.00	ng	0.00
75) Chrysene-d12	14.05	240	456824	20.00	ng	0.00
86) Perylene-d12	15.54	264	374140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1278447	109.38	ng	0.02
7) Phenol-d6	6.52	99	1501434	106.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	996166	93.16	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	301343	110.22	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1599475	78.14	ng	0.00
78) Terphenyl-d14	12.99	244	1501379	77.82	ng	0.00

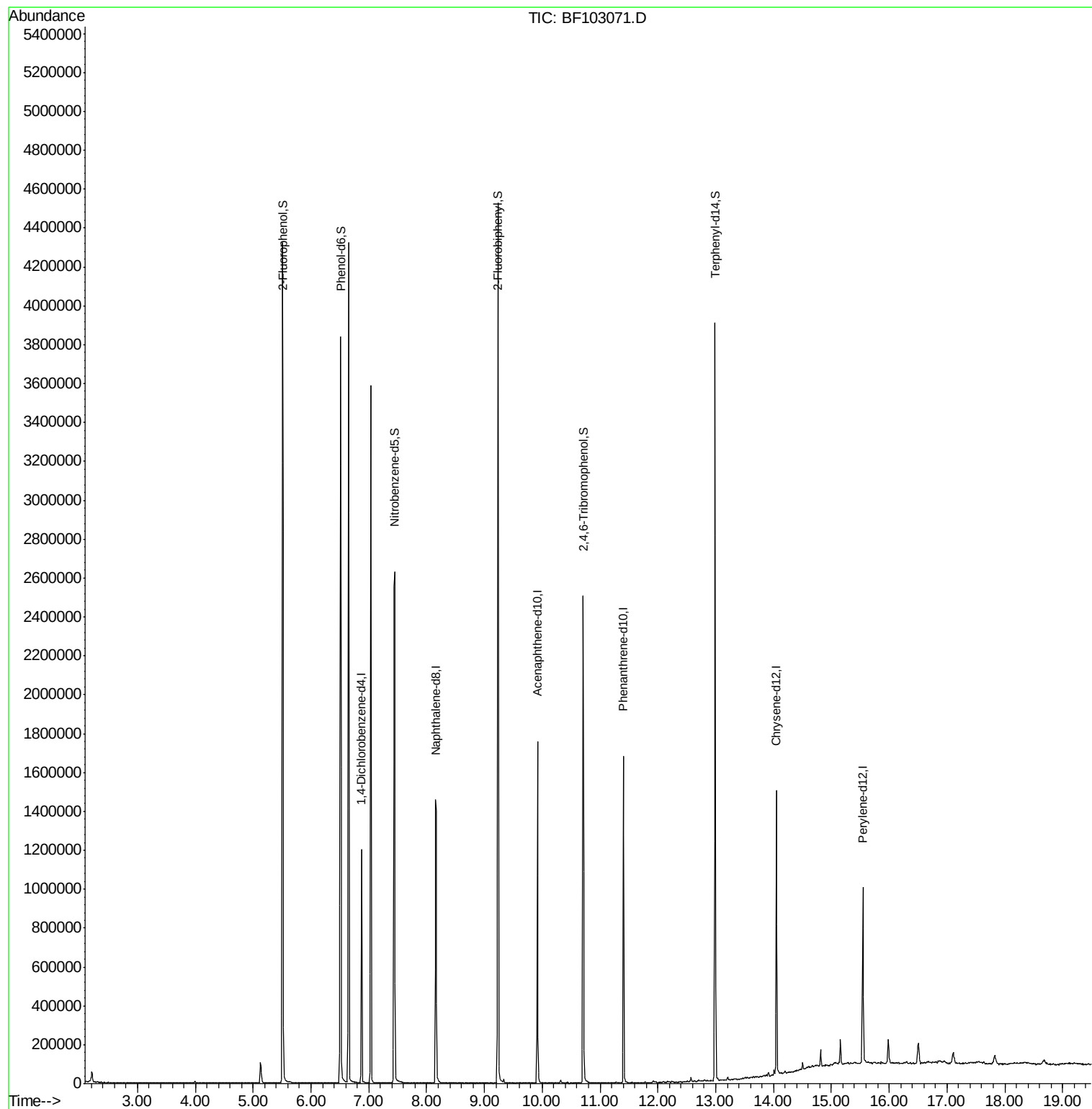
Target Compounds	Qvalue
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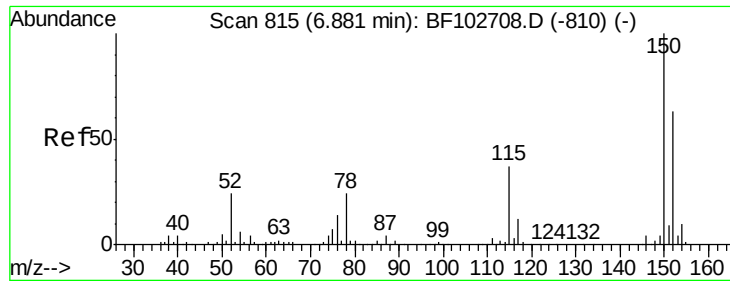
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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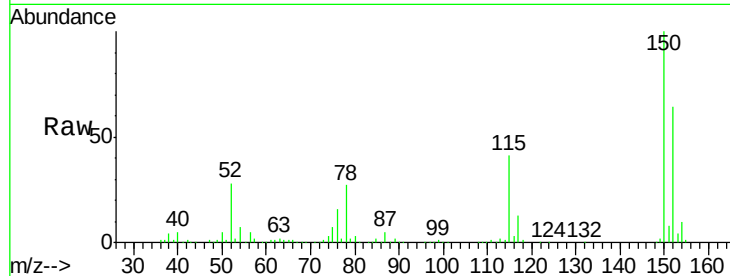


#1

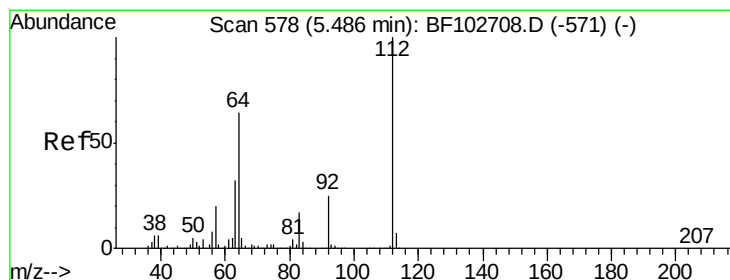
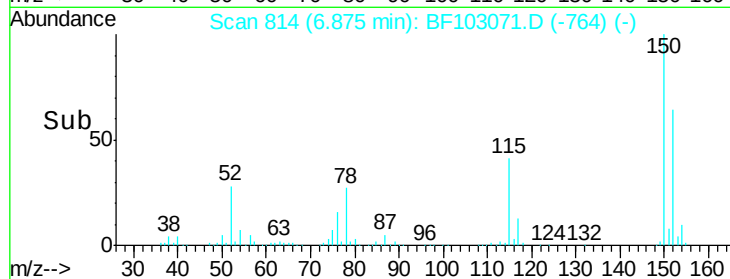
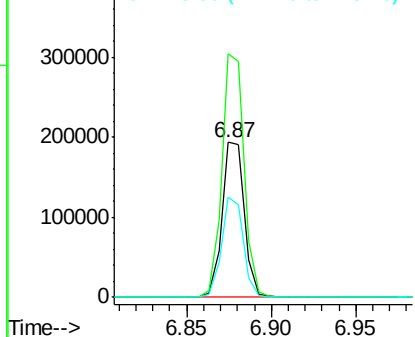
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :
PB106610BL

Tgt Ion:152 Resp: 177511
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 64.8 50.1 75.1



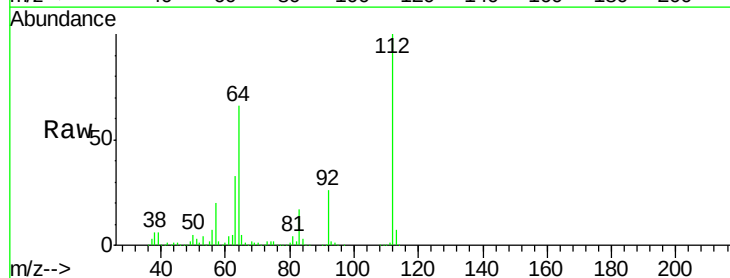
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



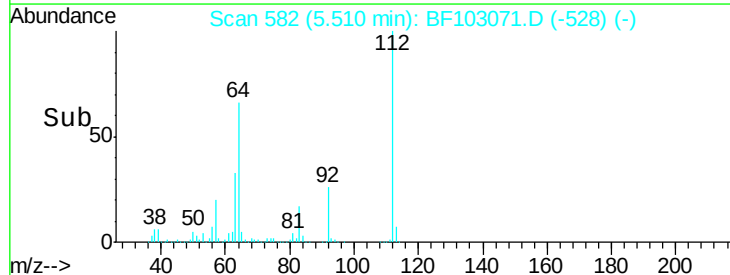
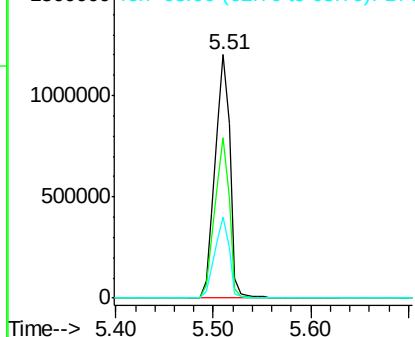
#5

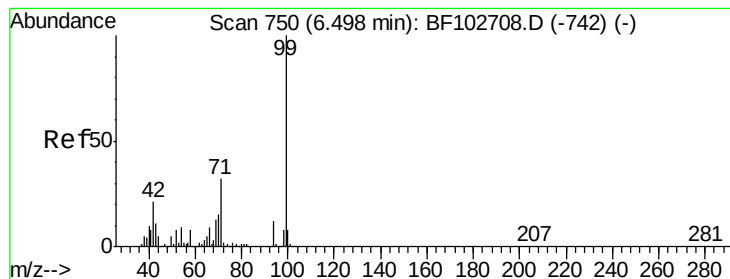
2-Fluorophenol
Concen: 109.375 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:112 Resp: 1278447
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 33.3 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: 106.682 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103071.D

Acq: 19 Feb 2018 10:20

Instrument :

BNA_F

ClientSampleId :

PB106610BL

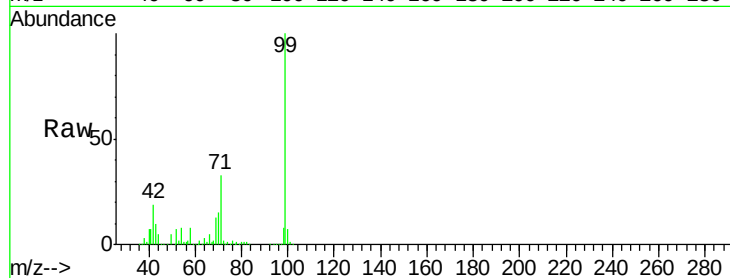
Tgt Ion: 99 Resp: 1501434

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

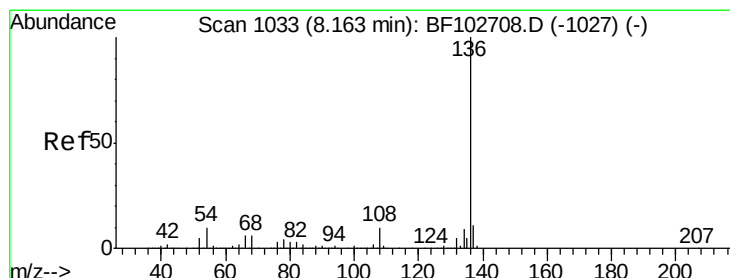
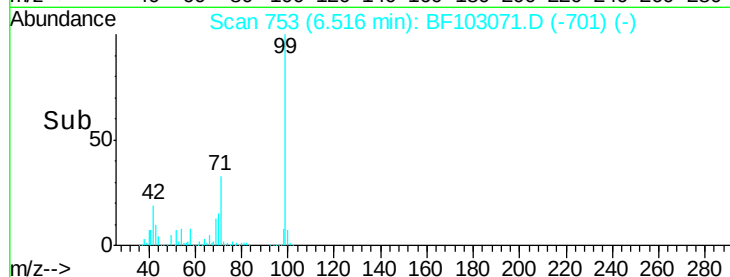
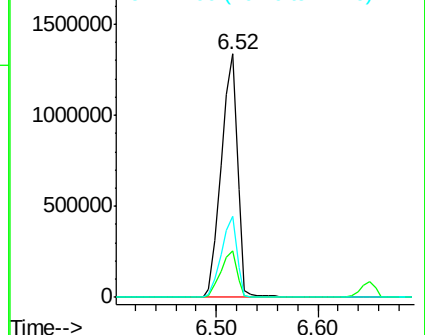
71 33.3 25.4 38.0



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: BF103071.D

Acq: 19 Feb 2018 10:20

Tgt Ion: 136 Resp: 741779

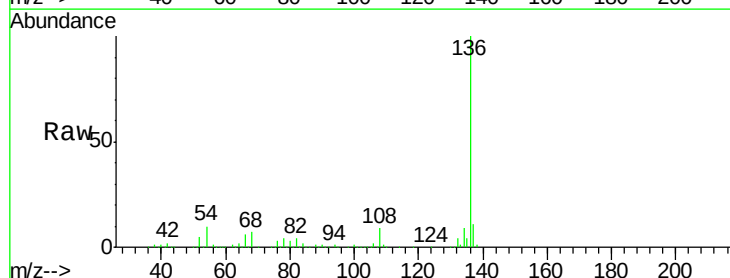
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.3 6.6 9.8#

68 6.9 5.0 7.4

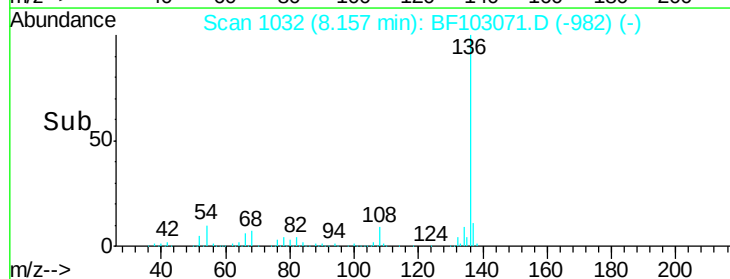
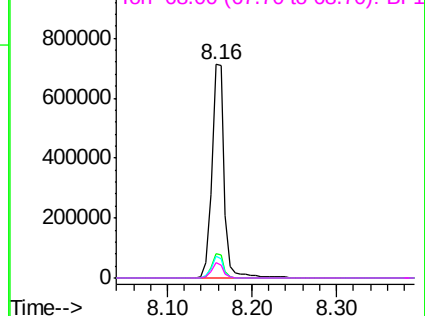


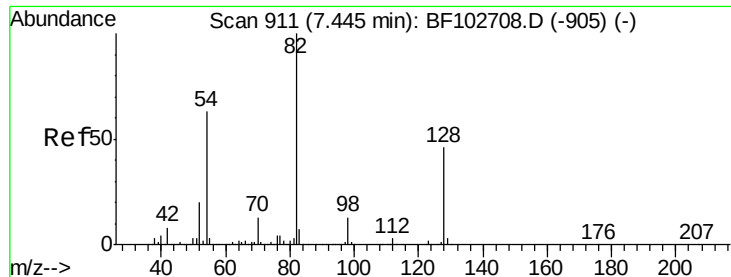
Abundance Ion 136.00 (135.70 to 136.70): E

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

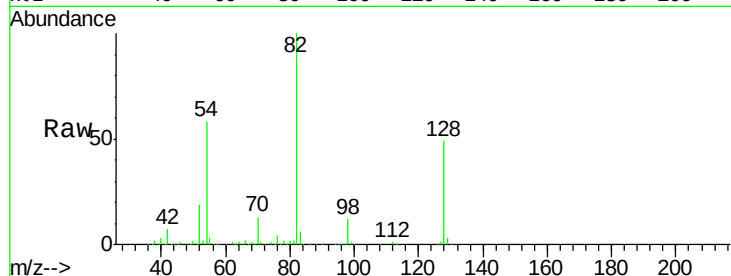




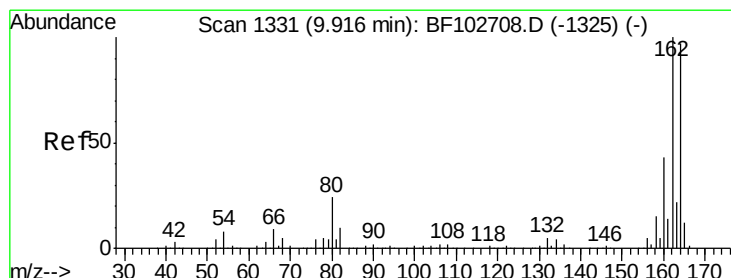
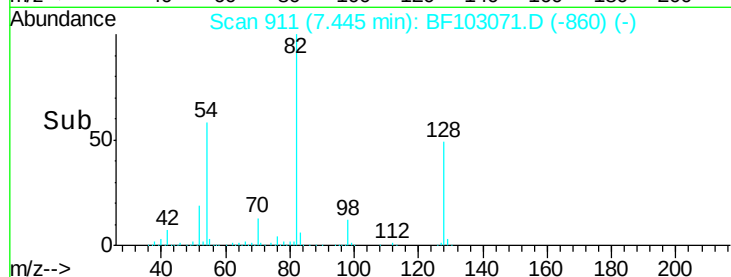
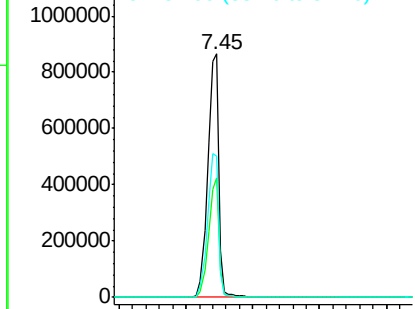
#23
 Nitrobenzene-d5
 Concen: 93.161 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103071.D
 Acq: 19 Feb 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB106610BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	57.8	41.4	62.2

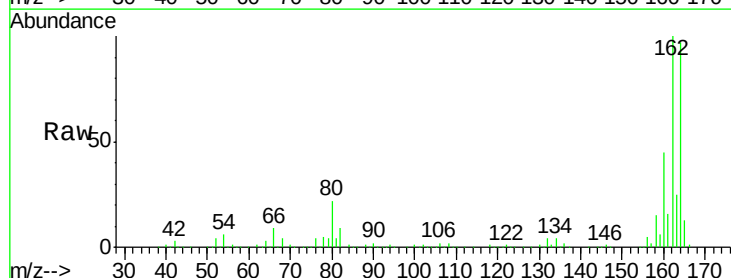


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

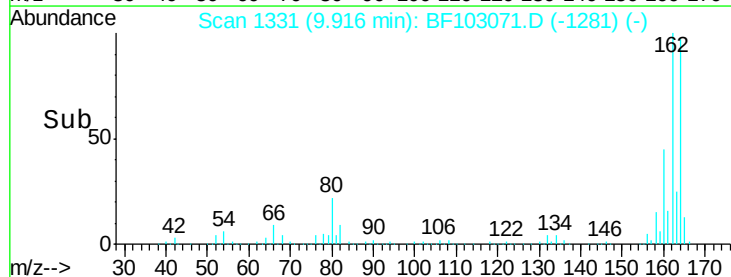
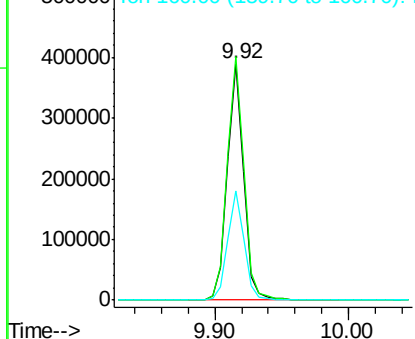


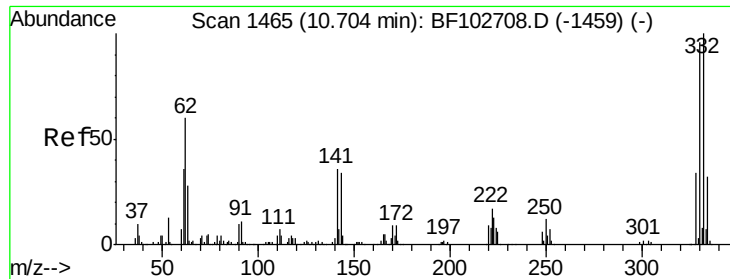
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103071.D
 Acq: 19 Feb 2018 10:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.1	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

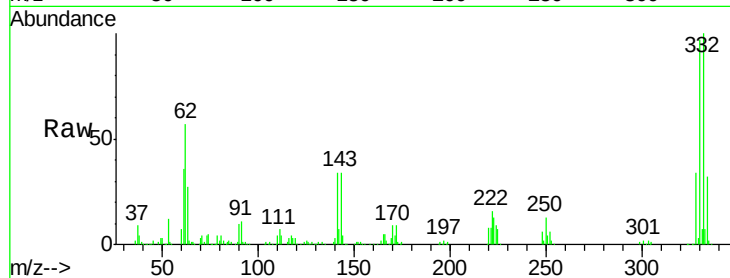




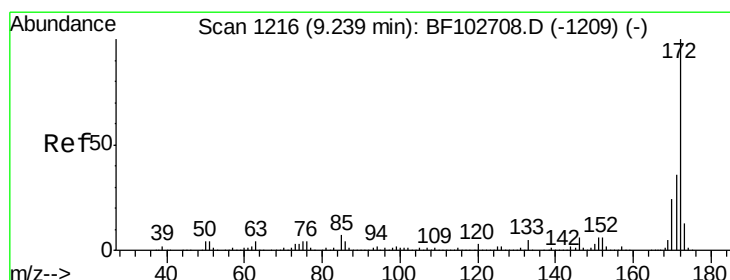
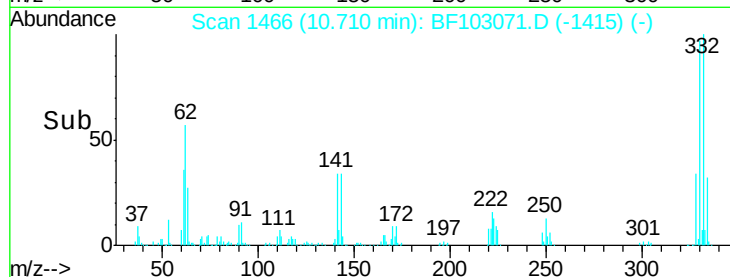
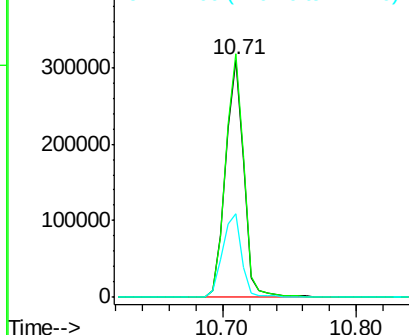
#41
 2,4,6-Tribromophenol
 Concen: 110.225 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103071.D
 Acq: 19 Feb 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB106610BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	37.5	29.9	44.9

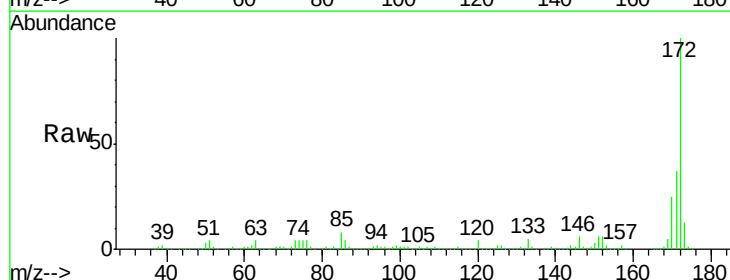


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

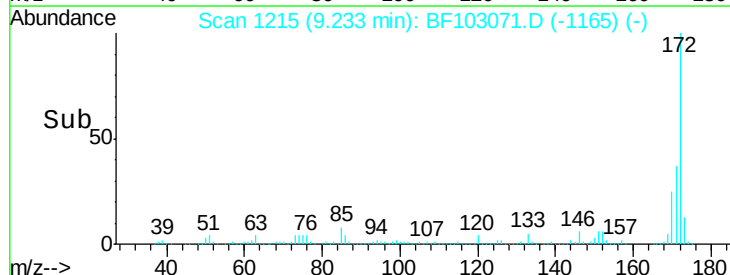
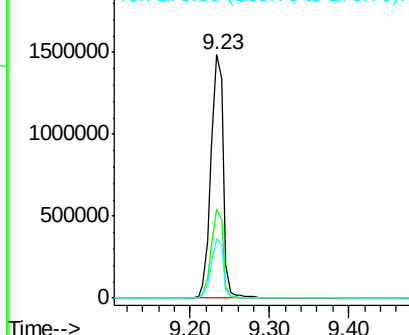


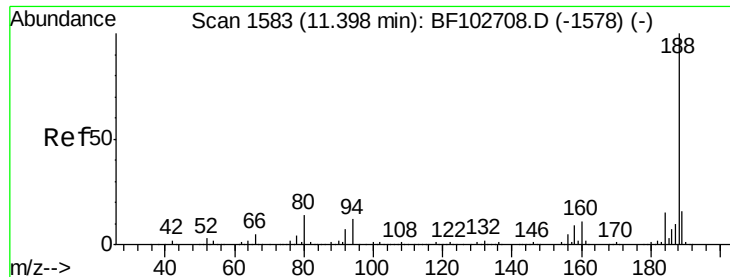
#44
 2-Fluorobiphenyl
 Concen: 78.139 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103071.D
 Acq: 19 Feb 2018 10:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	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

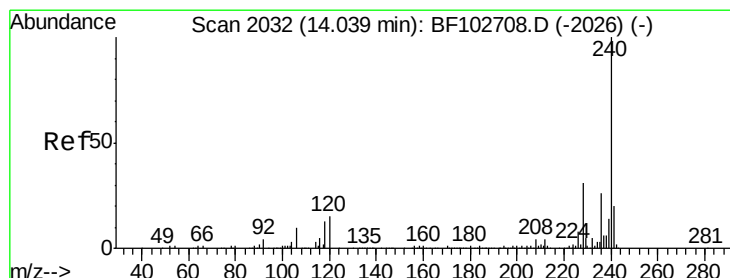
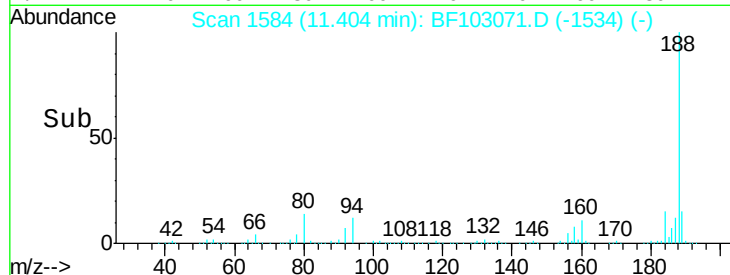
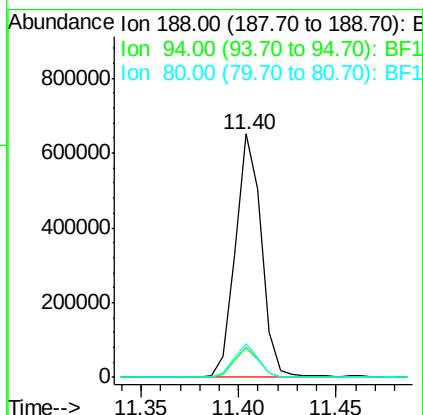
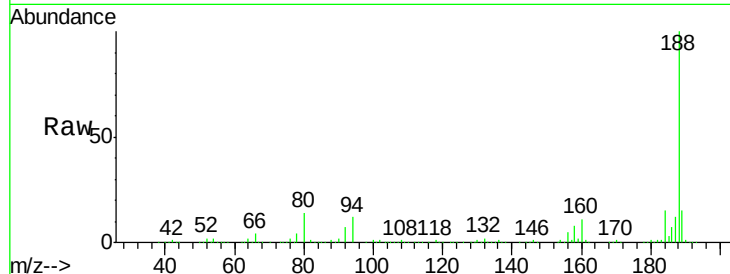




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

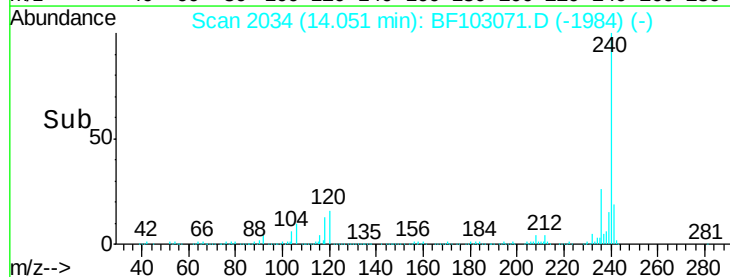
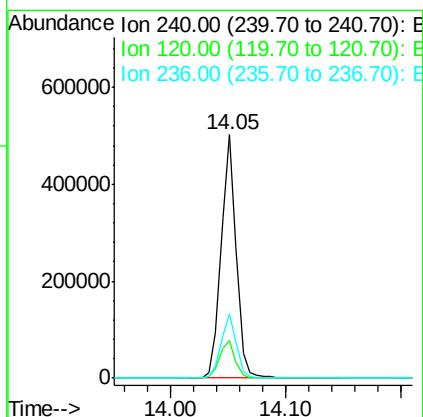
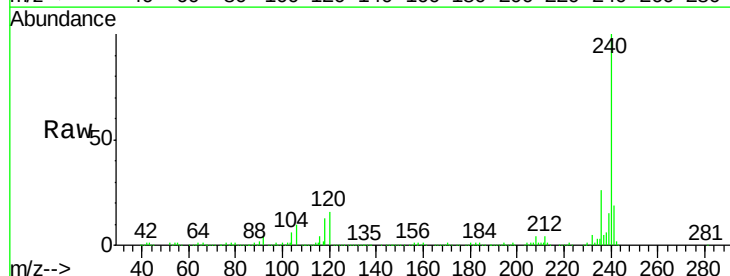
Instrument :
BNA_F
ClientSampleId :
PB106610BL

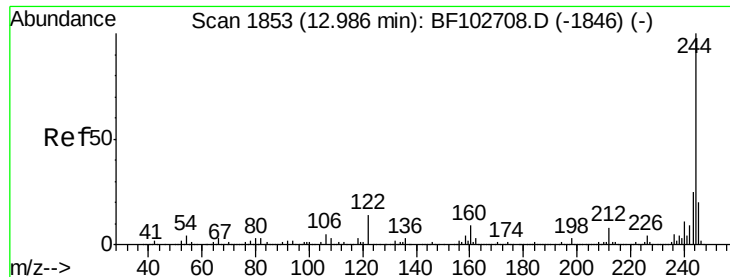
Tgt Ion:188 Resp: 601883
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 13.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:240 Resp: 456824
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 77.818 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103071.D

Acq: 19 Feb 2018 10:20

Instrument :

BNA_F

ClientSampleId :

PB106610BL

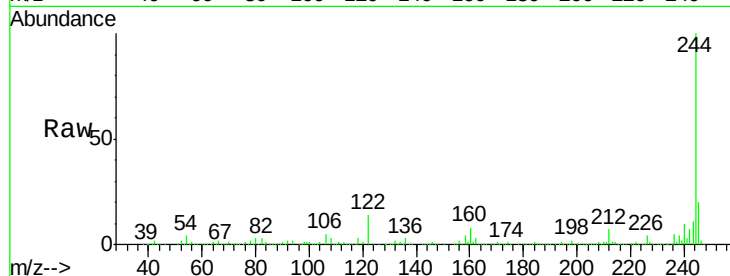
Tgt Ion:244 Resp: 1501379

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

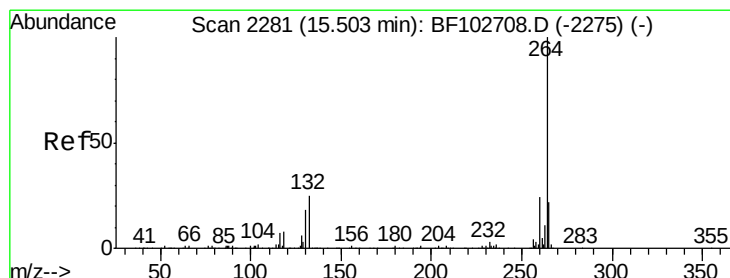
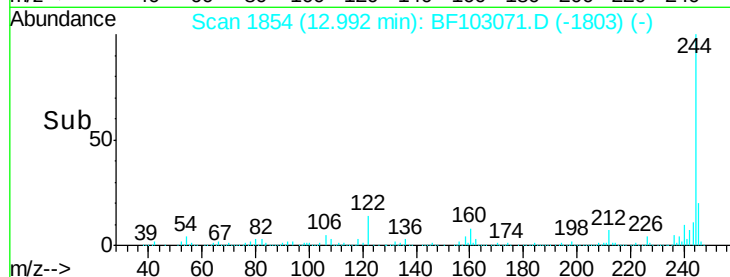
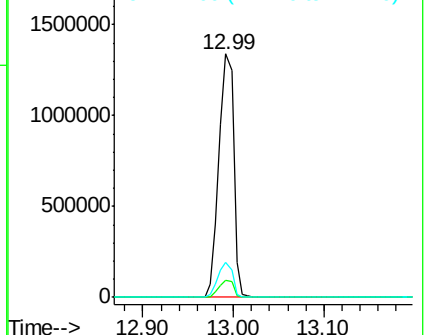
122 14.5 11.0 16.4



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# 2288

Delta R.T. -0.00 min

Lab File: BF103071.D

Acq: 19 Feb 2018 10:20

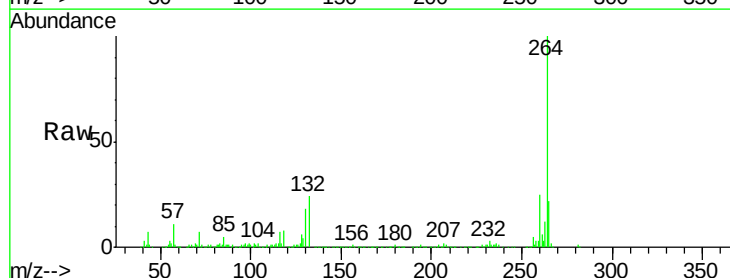
Tgt Ion:264 Resp: 374140

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.8 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

