

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103014.D
 Acq On : 15 Feb 2018 13:36
 Operator : SJ/JU
 Sample : PB106525BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BL

Quant Time: Feb 15 14:35:51 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	166953	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	712511	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	325136	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	591744	20.00	ng	0.00
75) Chrysene-d12	14.04	240	499626	20.00	ng	0.00
86) Perylene-d12	15.52	264	429773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1325753	120.60	ng	0.01
7) Phenol-d6	6.51	99	1557302	117.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	1028088	100.10	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	342522	130.89	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1657463	84.59	ng	0.00
78) Terphenyl-d14	12.99	244	1637292	77.59	ng	0.00

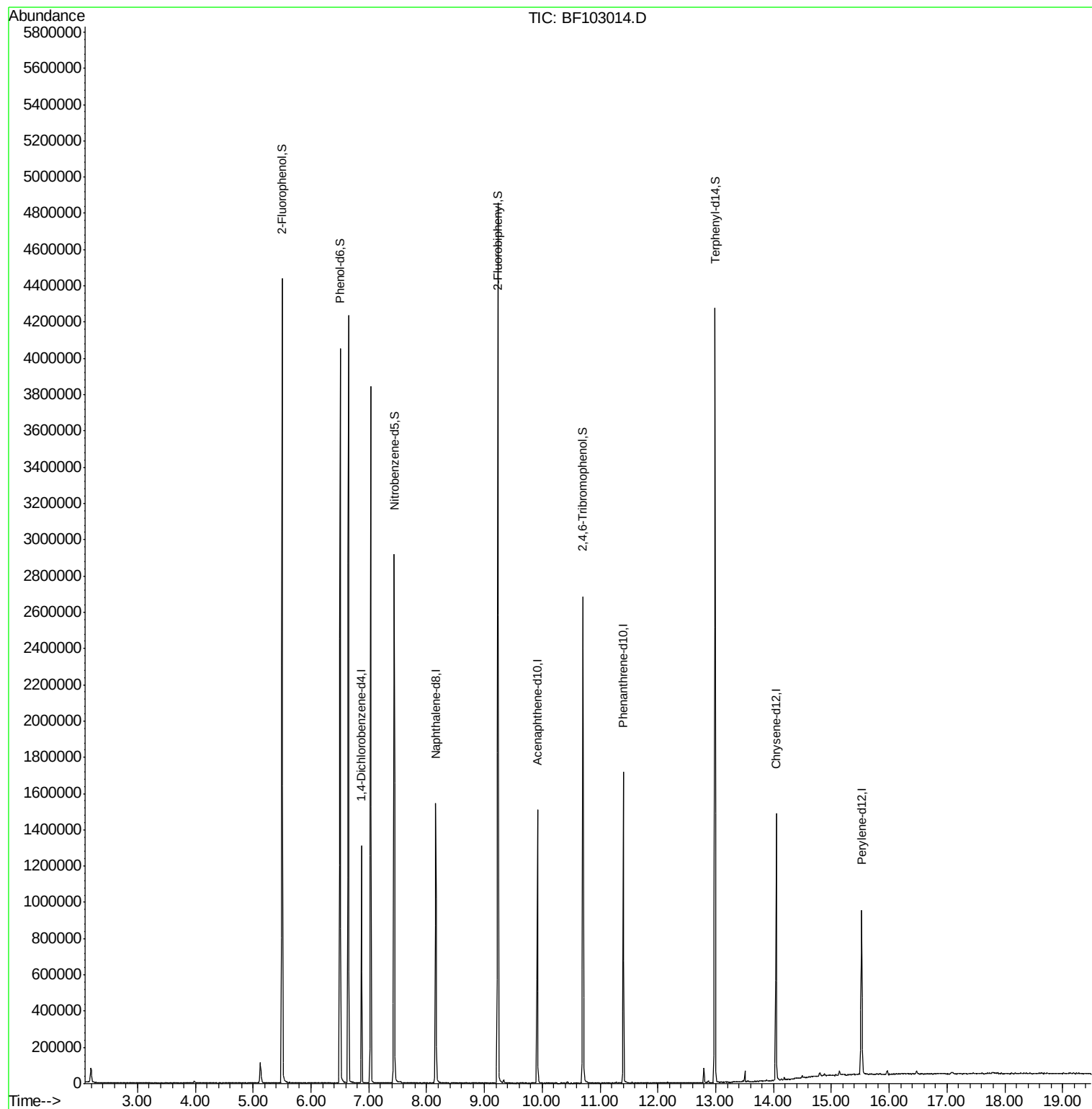
Target Compounds	Qvalue
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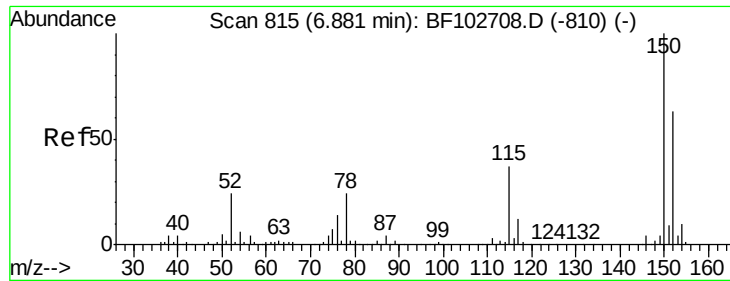
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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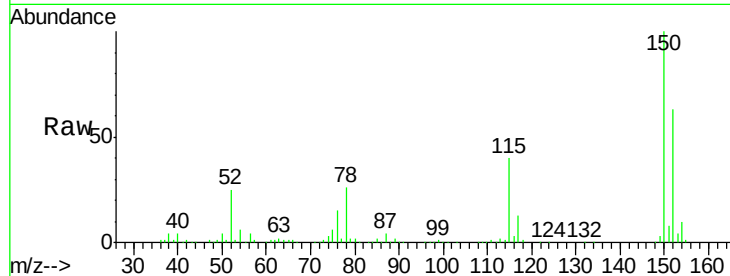


#1

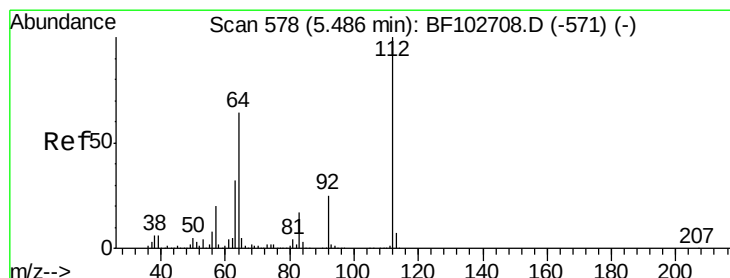
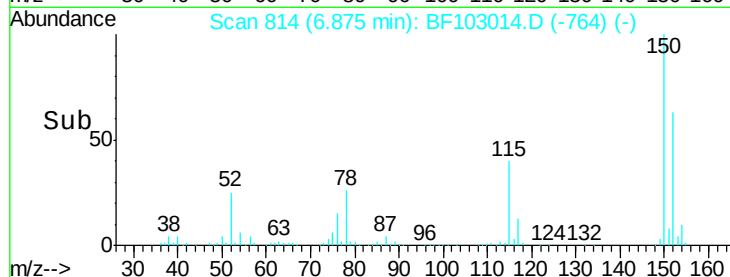
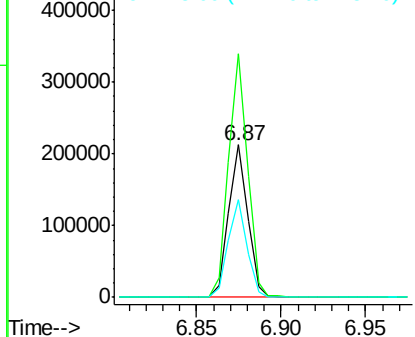
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB106525BL

Tgt Ion:152 Resp: 166953
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 64.3 50.1 75.1



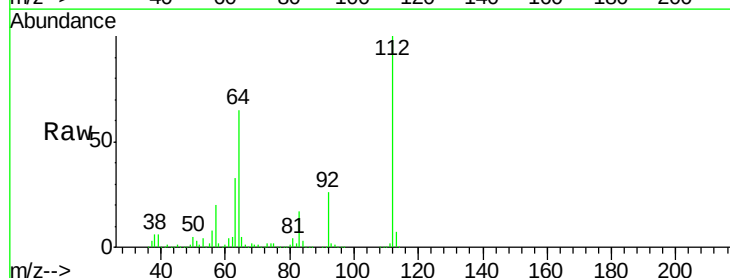
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



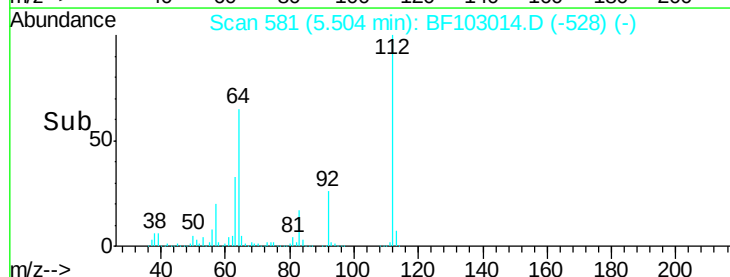
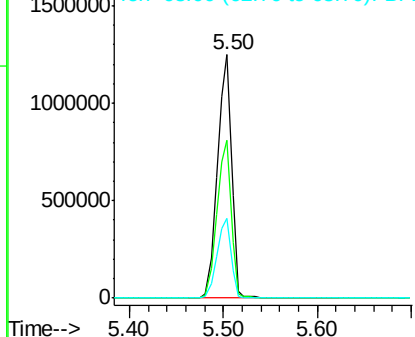
#5

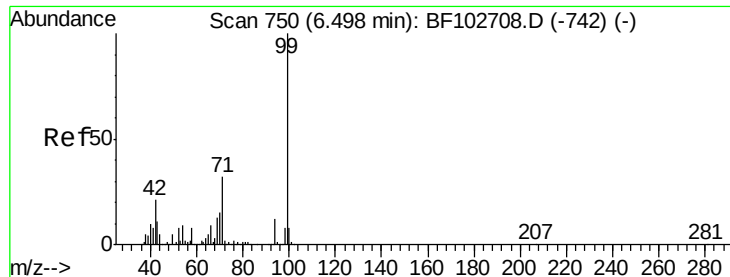
2-Fluorophenol
Concen: 120.595 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Tgt Ion:112 Resp: 1325753
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 32.6 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: 117.650 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103014.D

Acq: 15 Feb 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB106525BL

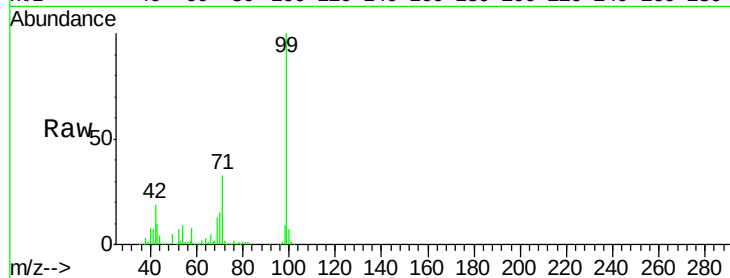
Tgt Ion: 99 Resp: 1557302

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

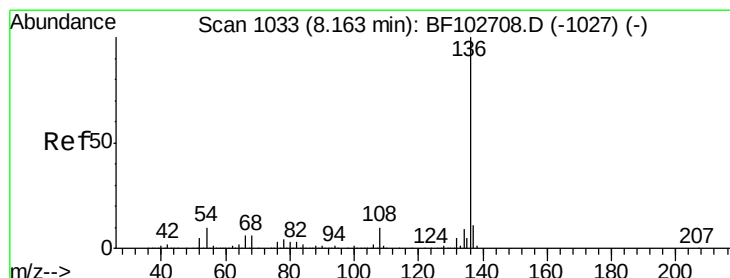
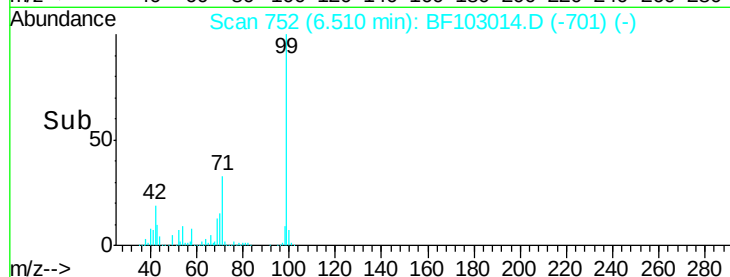
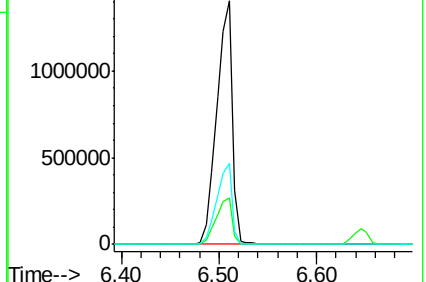
71 33.4 25.4 38.0



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: BF103014.D

Acq: 15 Feb 2018 13:36

Tgt Ion: 136 Resp: 712511

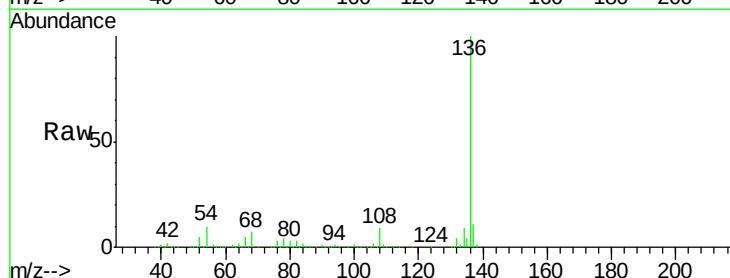
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 10.1 6.6 9.8#

68 6.6 5.0 7.4

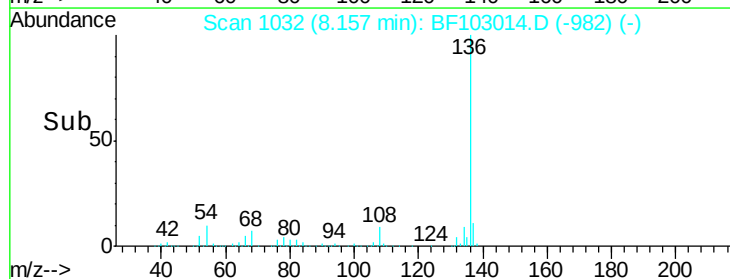
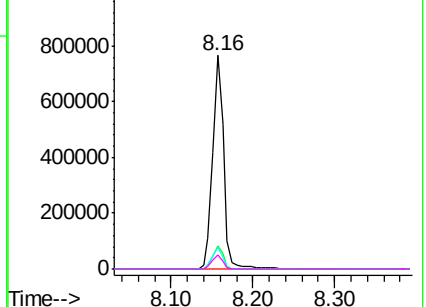


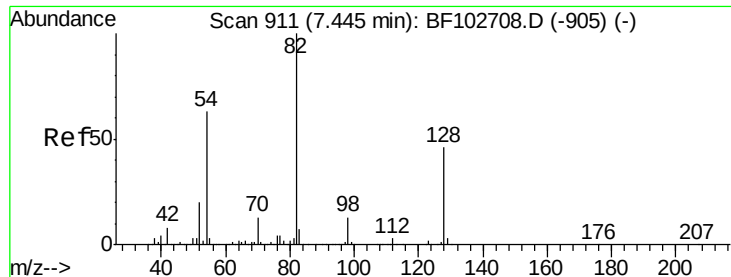
Abundance Ion 136.00 (135.70 to 136.70): E

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

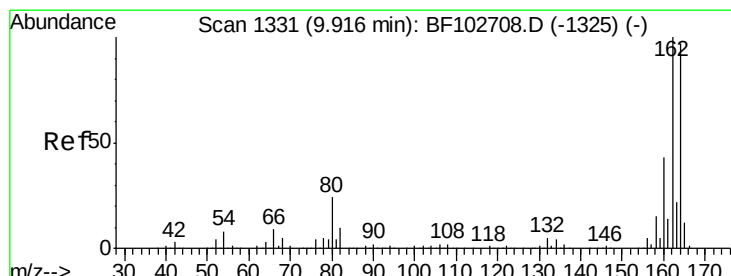
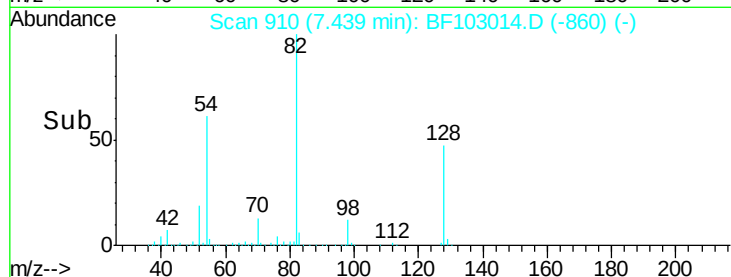
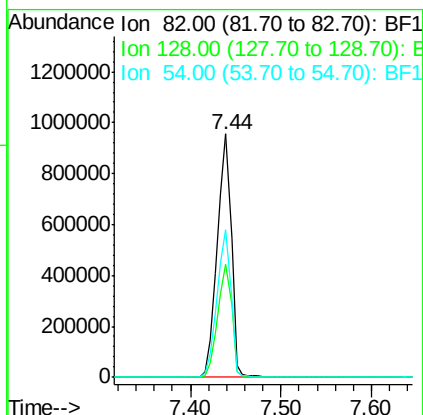
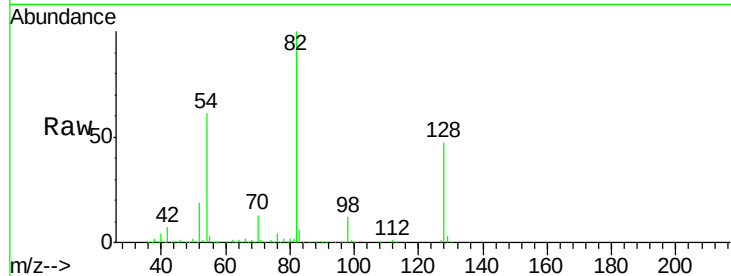




#23
 Nitrobenzene-d5
 Concen: 100.095 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

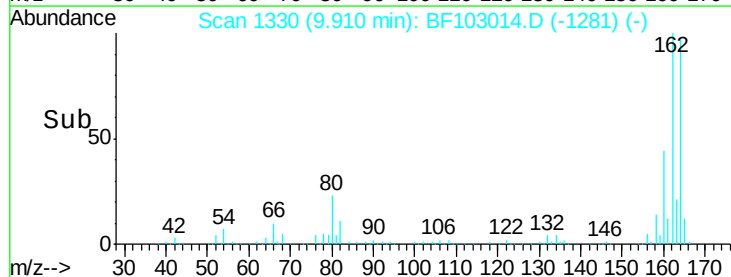
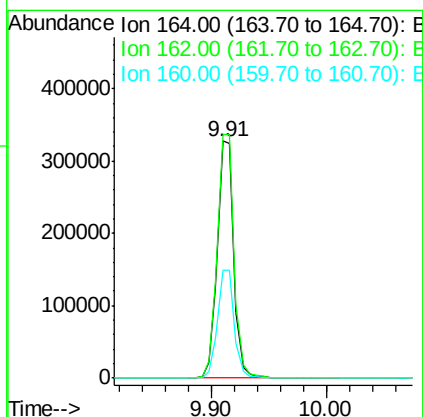
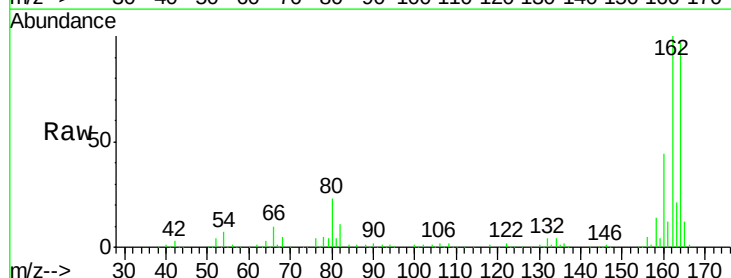
Instrument :
 BNA_F
 ClientSampleId :
 PB106525BL

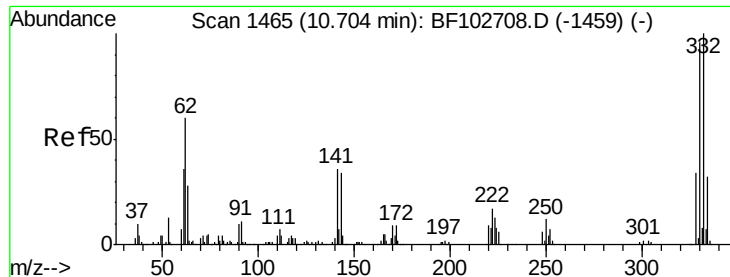
Tgt Ion: 82 Resp: 1028088
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 60.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

Tgt Ion: 164 Resp: 325136
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.6 38.3 57.5

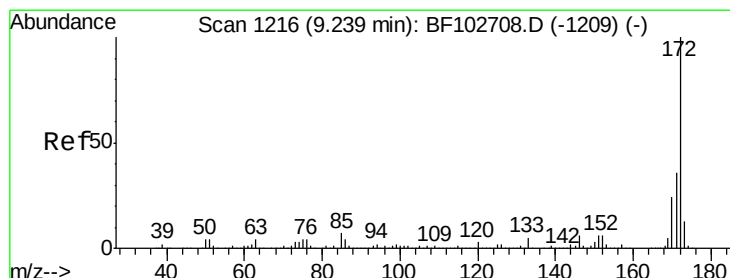
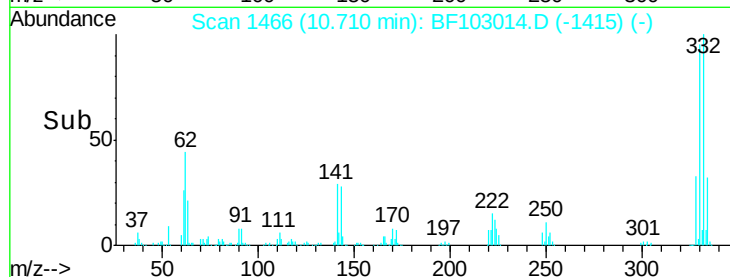
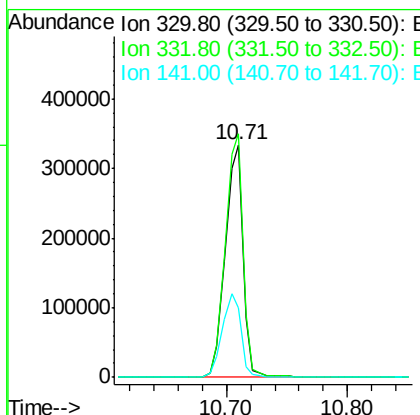
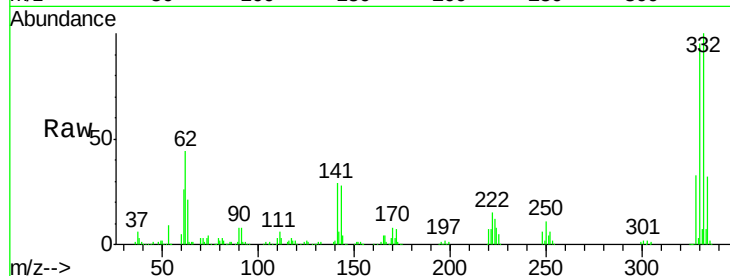




#41
 2,4,6-Tribromophenol
 Concen: 130.885 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

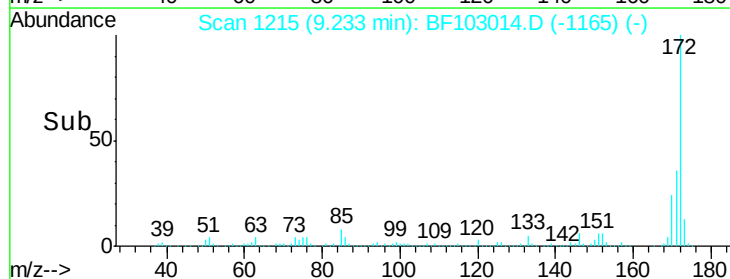
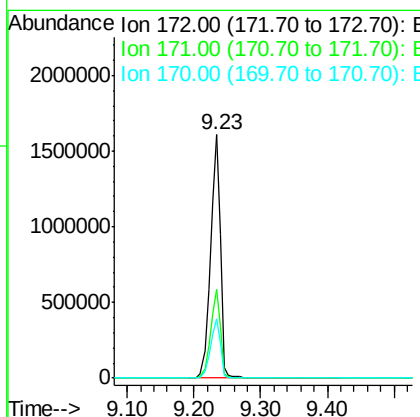
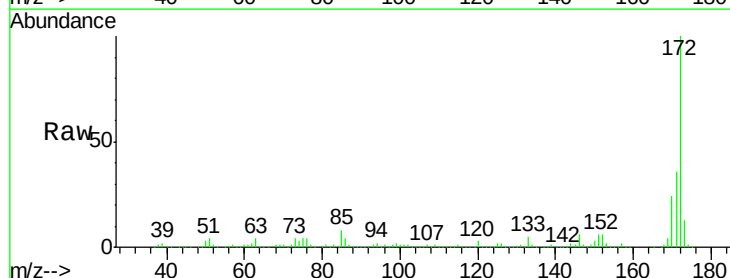
Instrument :
 BNA_F
 ClientSampleId :
 PB106525BL

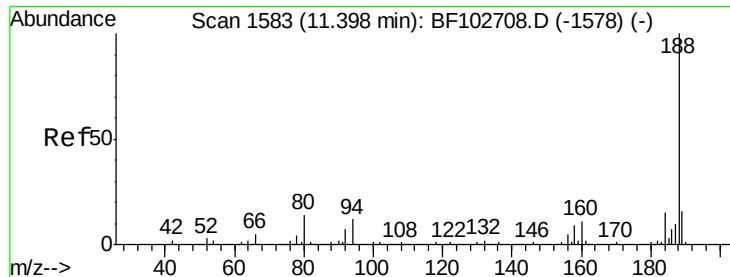
Tgt Ion:330 Resp: 342522
 Ion Ratio Lower Upper
 330 100
 332 105.4 77.0 115.6
 141 37.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 84.590 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

Tgt Ion:172 Resp: 1657463
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4

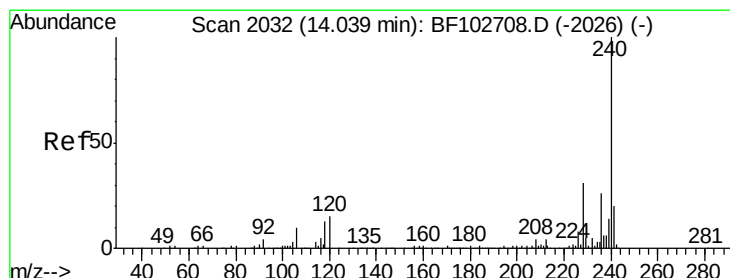
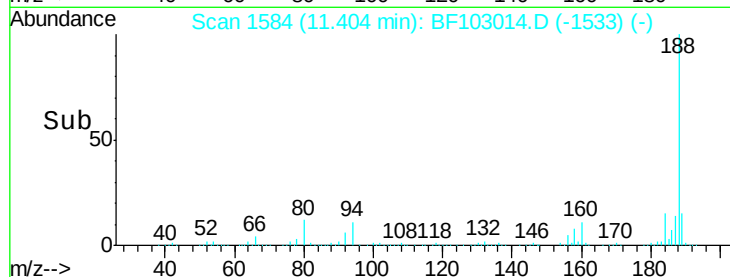
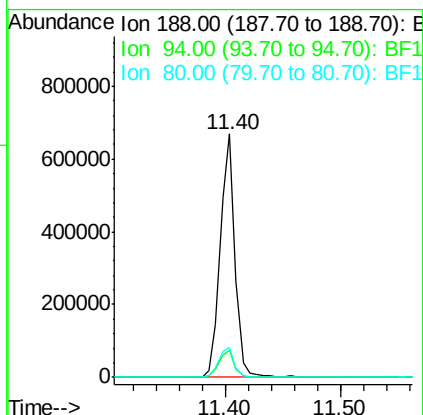
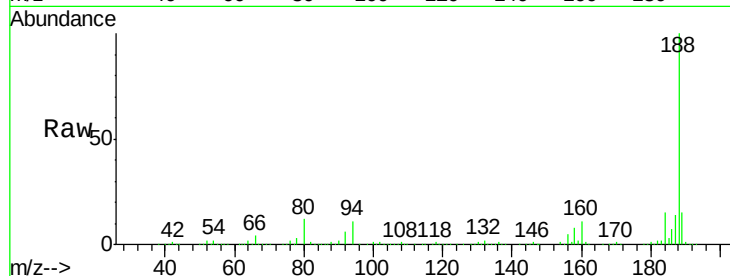




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

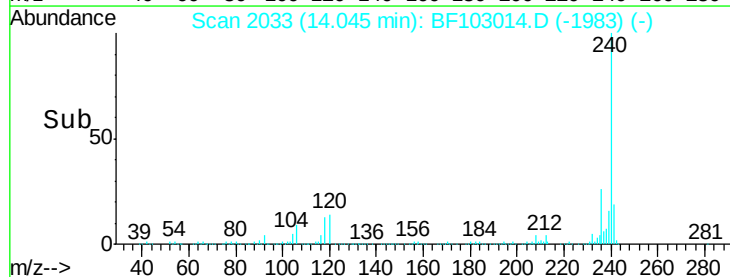
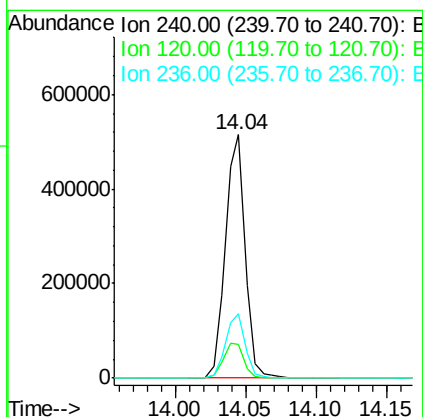
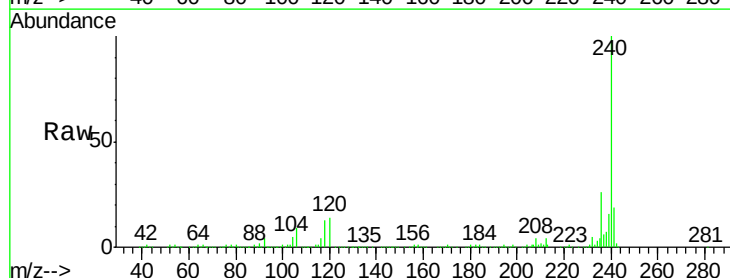
Instrument :
BNA_F
ClientSampleId :
PB106525BL

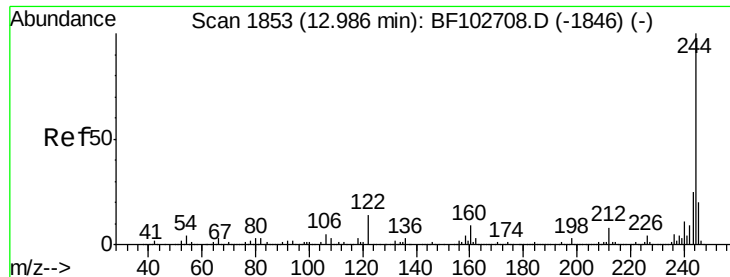
Tgt Ion:188 Resp: 591744
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Tgt Ion:240 Resp: 499626
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 77.593 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103014.D

Acq: 15 Feb 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB106525BL

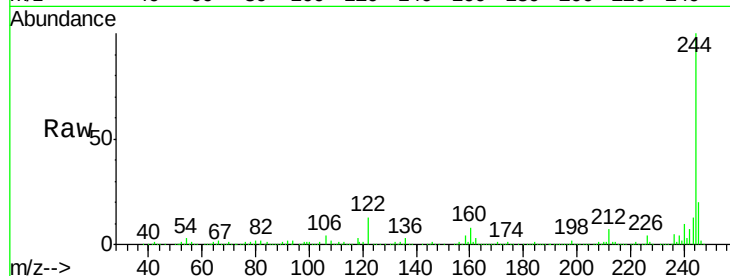
Tgt Ion:244 Resp: 1637292

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

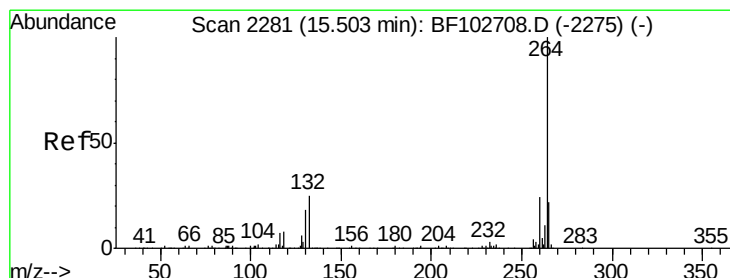
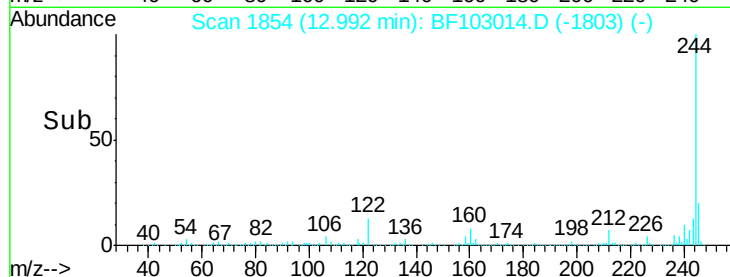
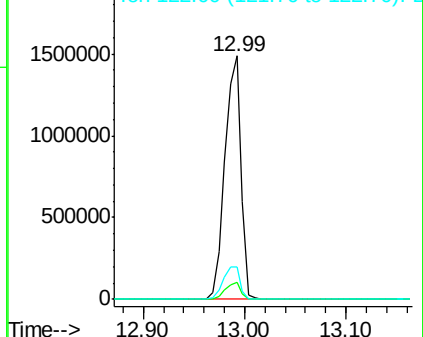
122 13.3 11.0 16.4



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# 2284

Delta R.T. -0.01 min

Lab File: BF103014.D

Acq: 15 Feb 2018 13:36

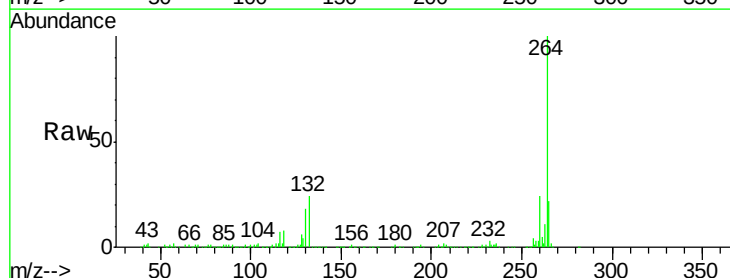
Tgt Ion:264 Resp: 429773

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

