

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103517.D
 Acq On : 8 Mar 2018 15:34
 Operator : SJ/JU
 Sample : PB107144BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BL

Quant Time: Mar 08 16:26:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	154354	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	682426	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	301182	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	533719	20.00	ng	0.00
75) Chrysene-d12	14.06	240	323100	20.00	ng	0.00
86) Perylene-d12	15.56	264	265792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1146022	112.29	ng	0.00
7) Phenol-d6	6.50	99	1374617	110.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	959573	80.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	229086	89.86	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1379413	77.17	ng	0.00
78) Terphenyl-d14	12.99	244	1100201	81.86	ng	0.00

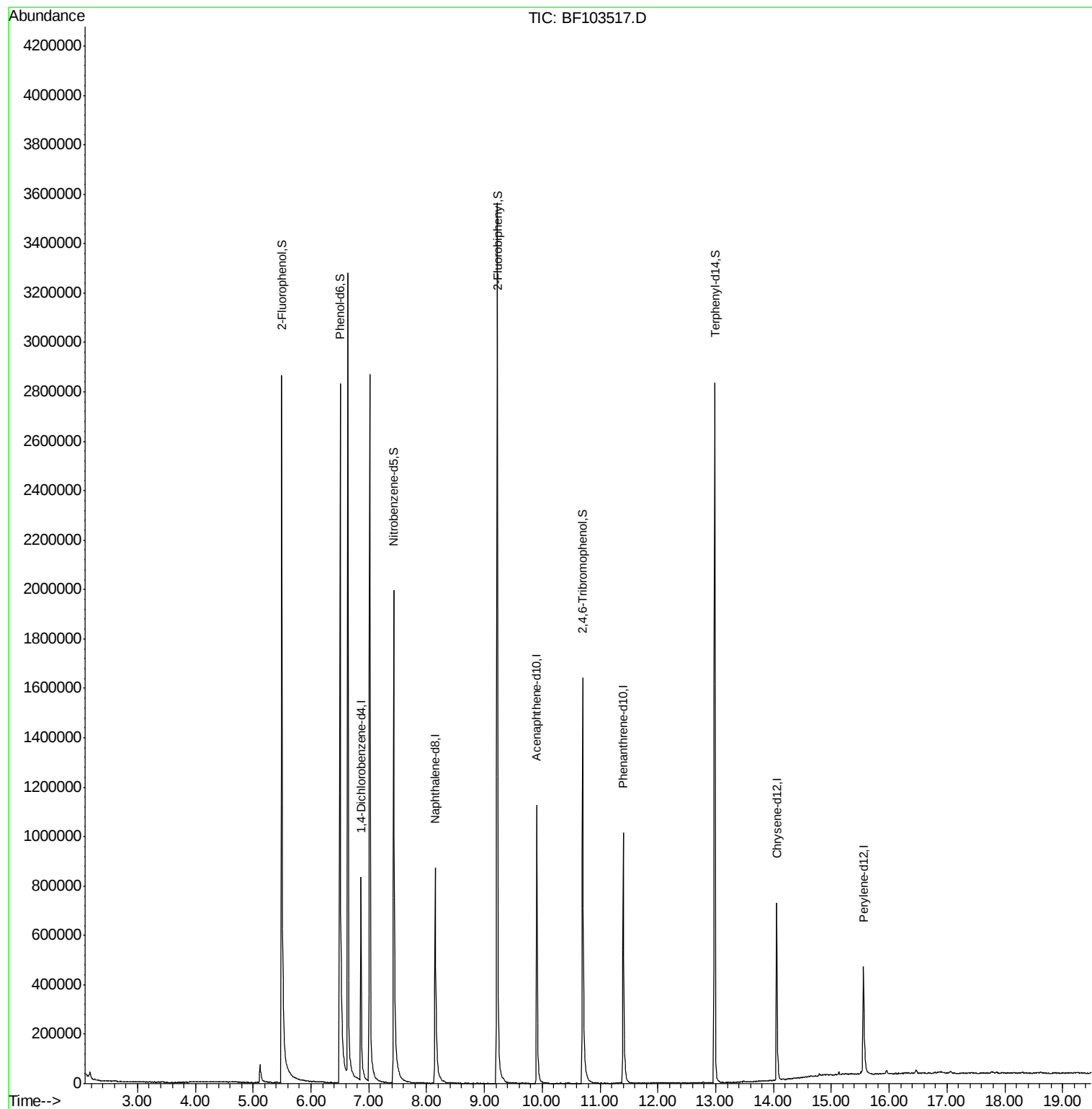
Target Compounds Qvalue

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

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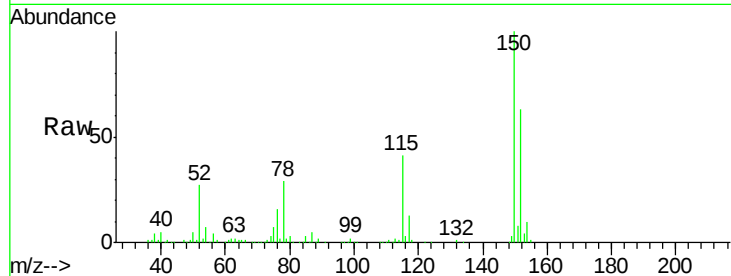


#1

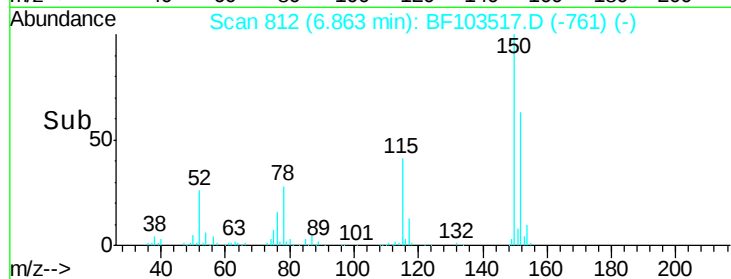
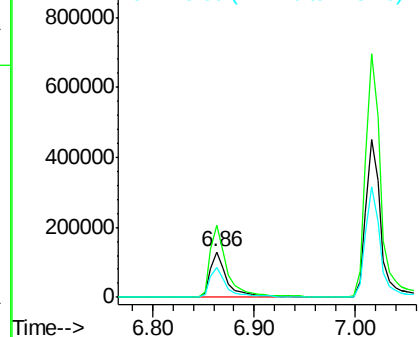
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103517.D
Acq: 8 Mar 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB107144BL

Tot Ion:152 Resp: 154354
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.8 50.1 75.1



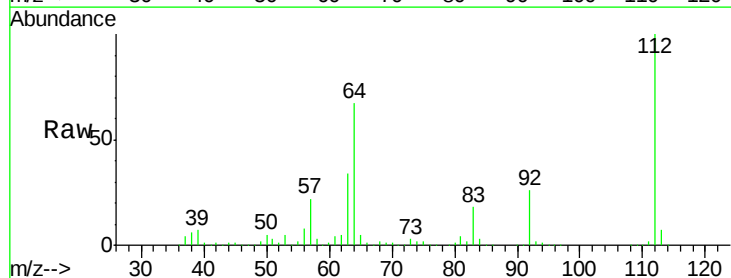
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



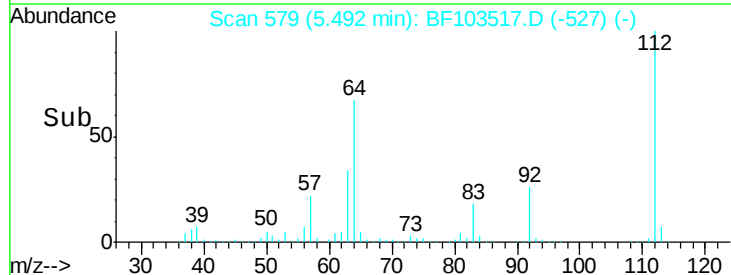
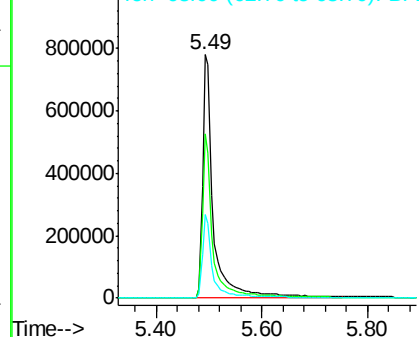
#5

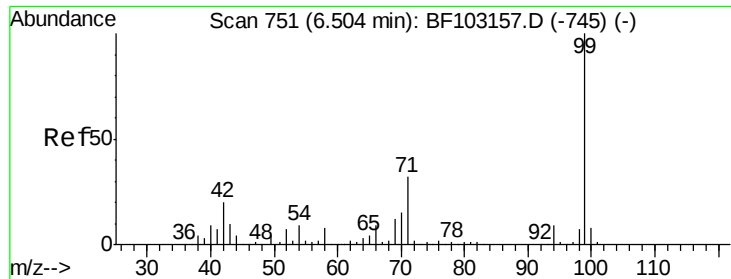
2-Fluorophenol
Concen: 112.292 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103517.D
Acq: 8 Mar 2018 15:34

Tgt Ion:112 Resp: 1146022
Ion Ratio Lower Upper
112 100
64 67.3 47.9 71.9
63 34.2 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: 110.073 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103517.D

Acq: 8 Mar 2018 15:34

Instrument :

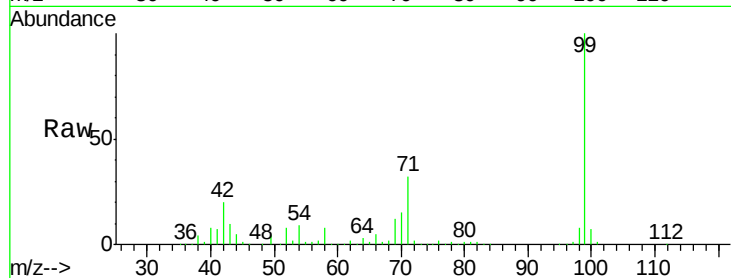
BNA_F

ClientSampleId :

PB107144BL

Tot Ion: 99 Resp: 1374617

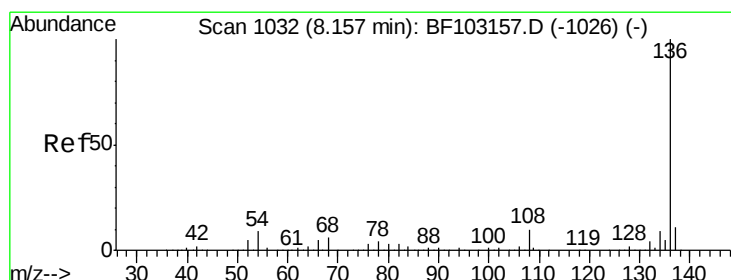
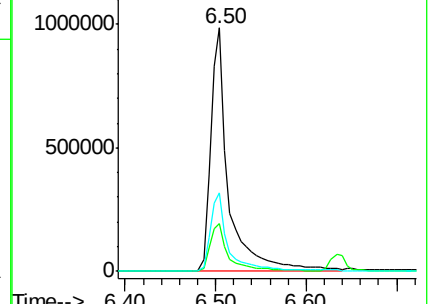
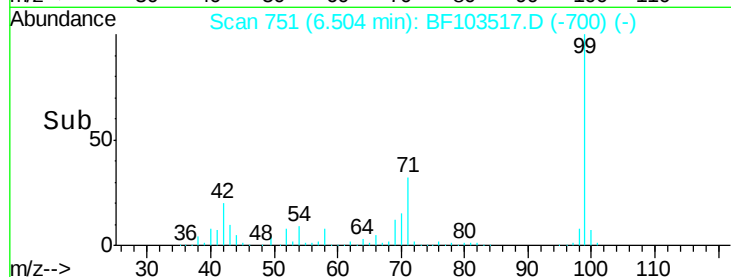
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.4	25.4	38.0



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: 8.15 min Scan# 1030

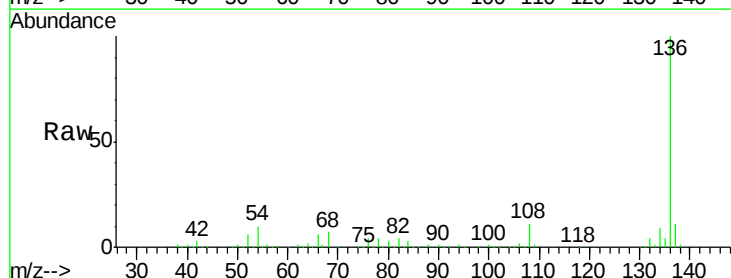
Delta R.T. -0.01 min

Lab File: BF103517.D

Acq: 8 Mar 2018 15:34

Tgt Ion: 136 Resp: 682426

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8
68	6.9	5.0	7.4

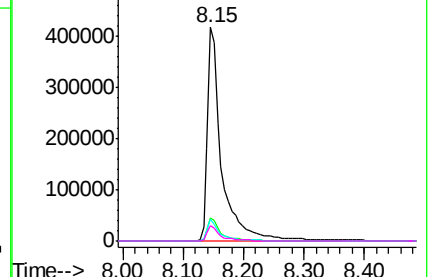
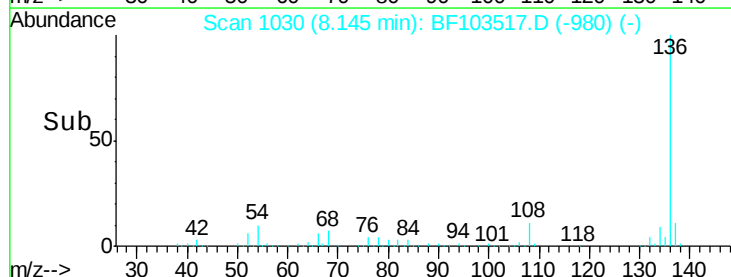


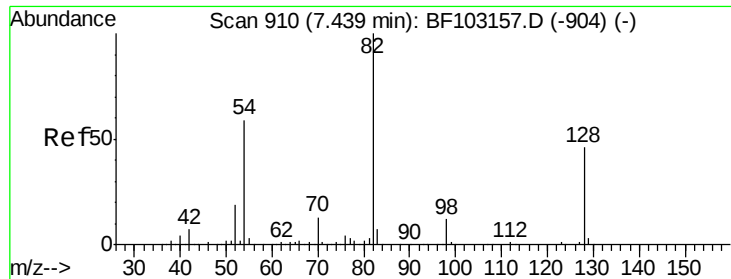
Abundance Ion 136.00 (135.70 to 136.70): E

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

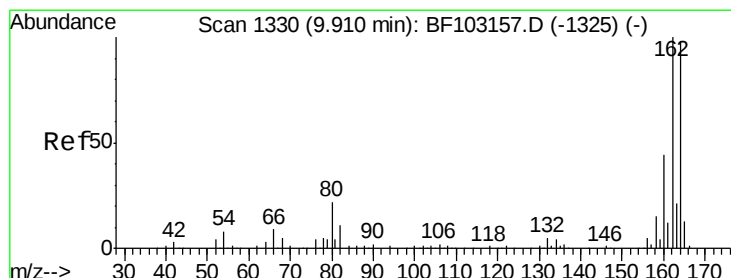
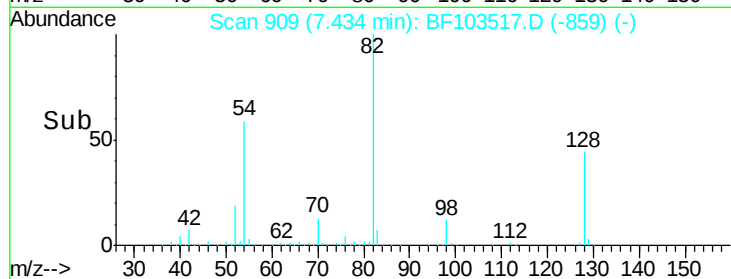
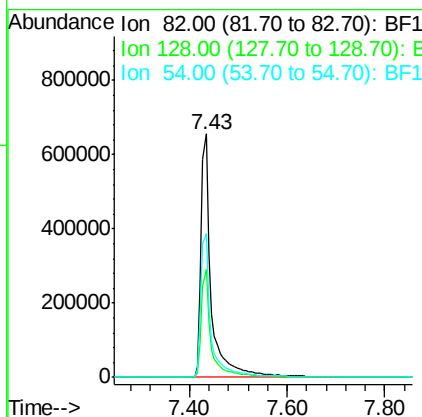
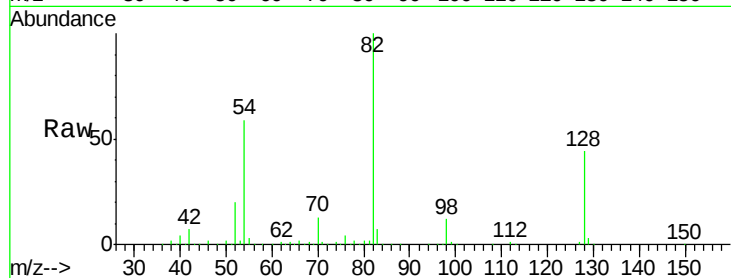




#23
Nitrobenzene-d5
Concen: 80.301 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103517.D
Acq: 8 Mar 2018 15:34

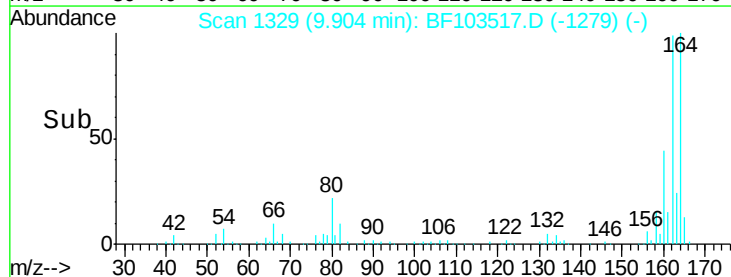
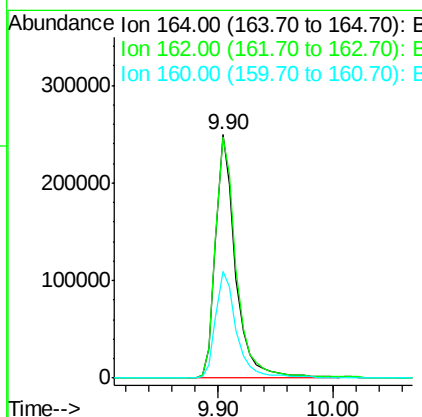
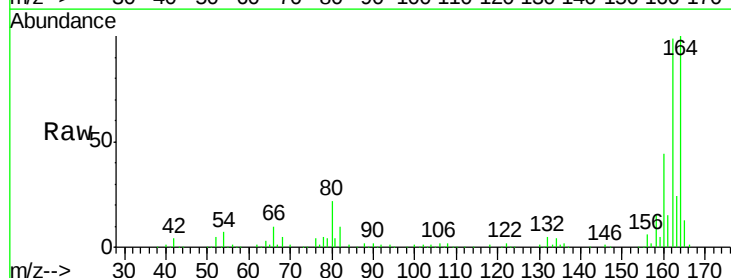
Instrument :
BNA_F
ClientSampleId :
PB107144BL

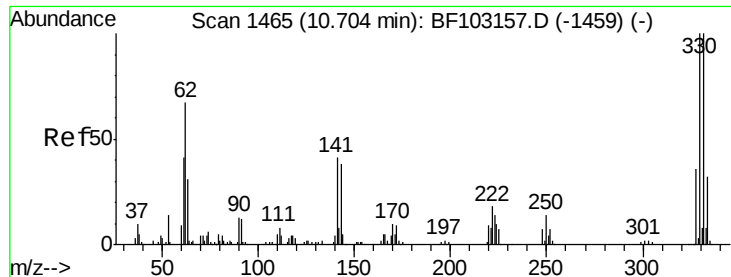
Tot Ion: 82 Resp: 959573
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 59.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103517.D
Acq: 8 Mar 2018 15:34

Tgt Ion:164 Resp: 301182
Ion Ratio Lower Upper
164 100
162 98.8 86.1 129.1
160 43.7 38.3 57.5

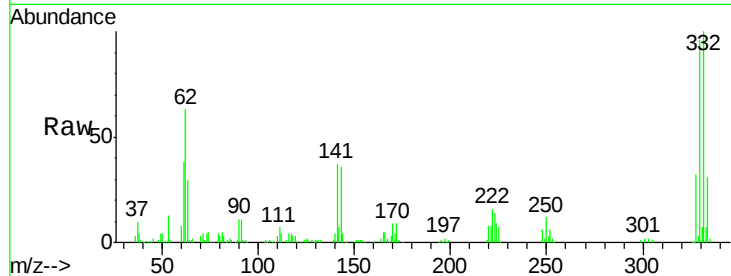




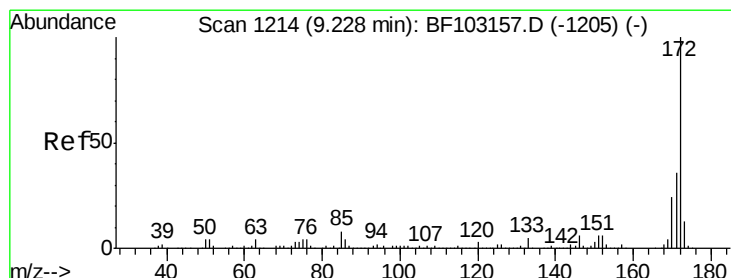
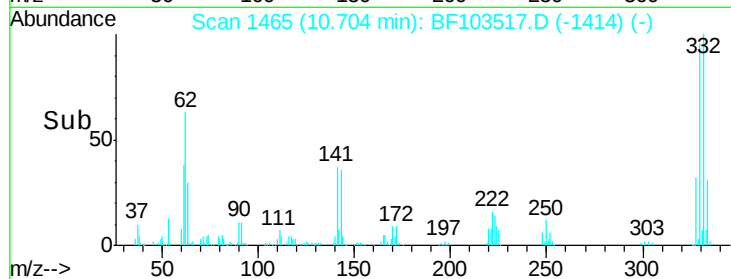
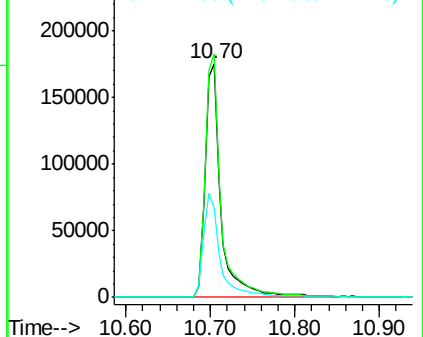
#41
 2,4,6-Tribromophenol
 Concen: 89.861 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103517.D
 Acq: 8 Mar 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BL

Tot Ion:330 Resp: 229086
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 47.3 29.9 44.9#

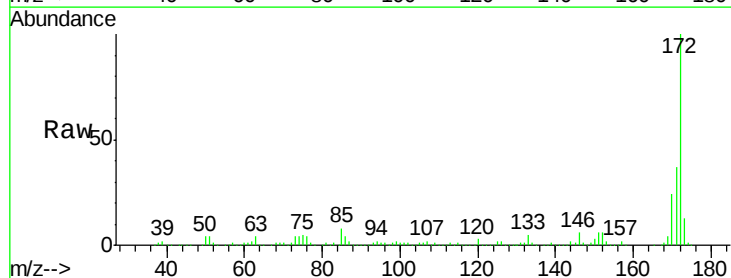


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

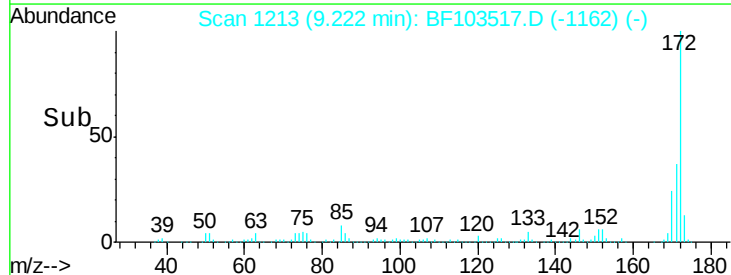
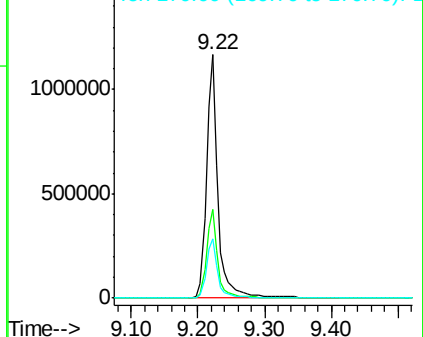


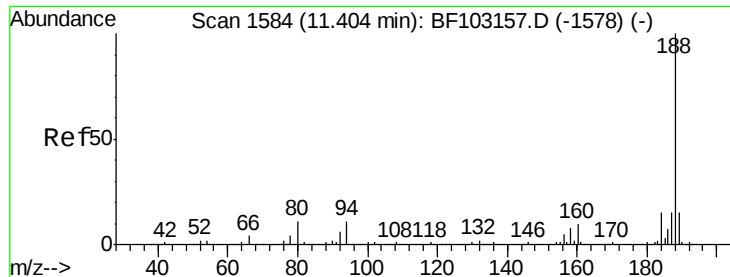
#44
 2-Fluorobiphenyl
 Concen: 77.174 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103517.D
 Acq: 8 Mar 2018 15:34

Tgt Ion:172 Resp: 1379413
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 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# 1583

Delta R.T. -0.01 min

Lab File: BF103517.D

Acq: 8 Mar 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB107144BL

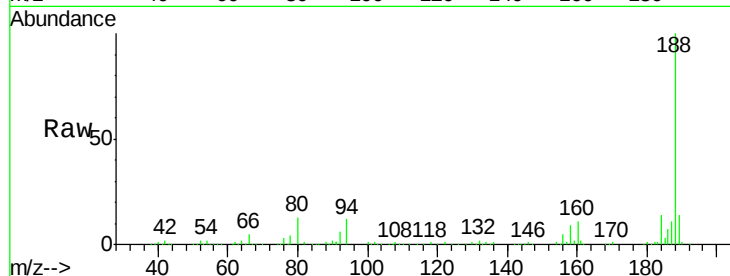
Tot Ion:188 Resp: 533719

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

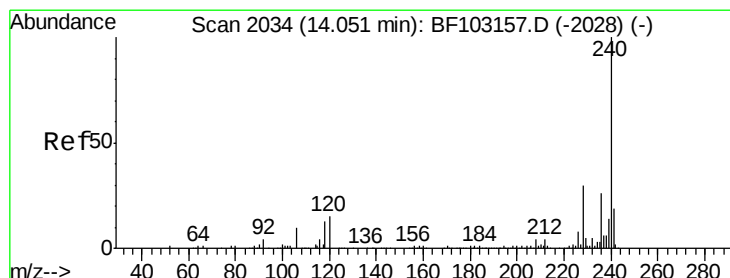
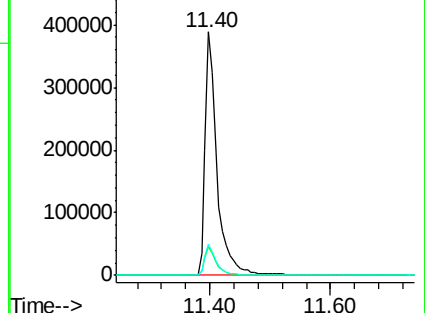
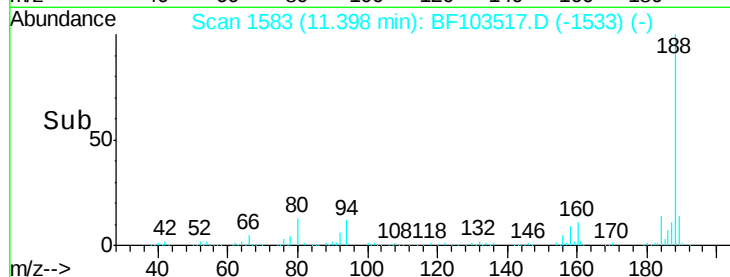
80 12.7 9.2 13.8



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103517.D

Acq: 8 Mar 2018 15:34

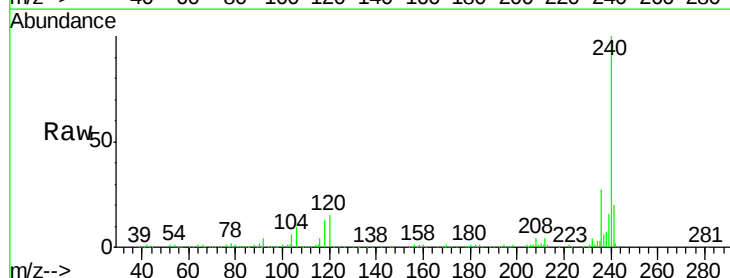
Tgt Ion:240 Resp: 323100

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

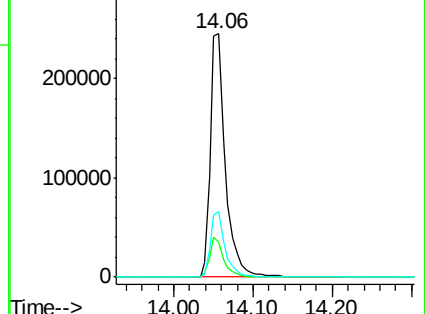
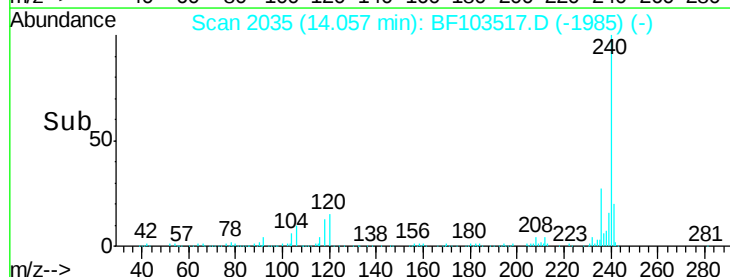
236 26.8 20.7 31.1

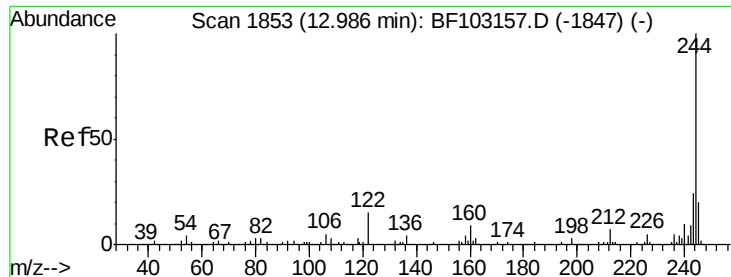


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.855 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103517.D

Acq: 8 Mar 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB107144BL

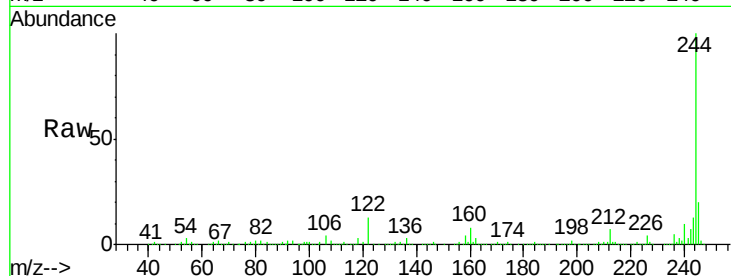
Tot Ion:244 Resp: 1100201

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

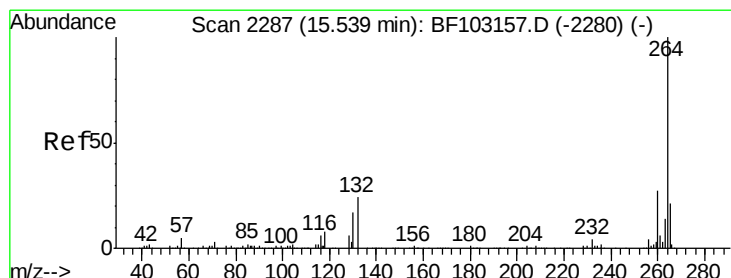
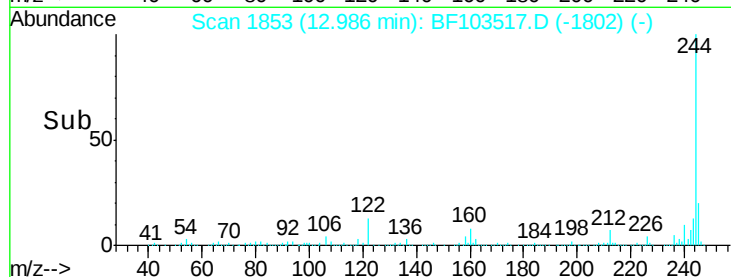
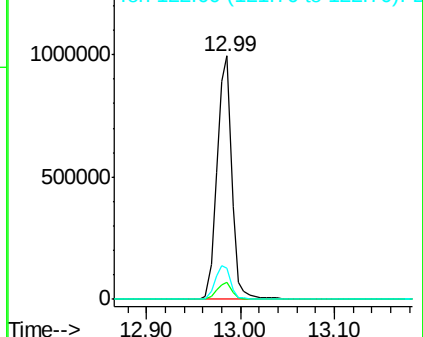
122 12.9 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF103517.D

Acq: 8 Mar 2018 15:34

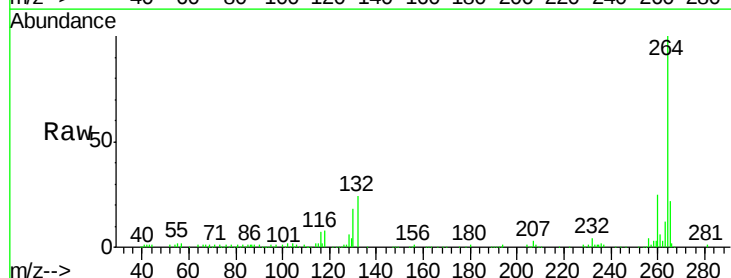
Tgt Ion:264 Resp: 265792

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.1 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

