

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101937.D
 Acq On : 5 Jan 2018 18:36
 Operator : SJ/JU
 Sample : J1027-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251588

Quant Time: Jan 05 21:56:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 12:29:26 2018
 Response via : Initial Calibration

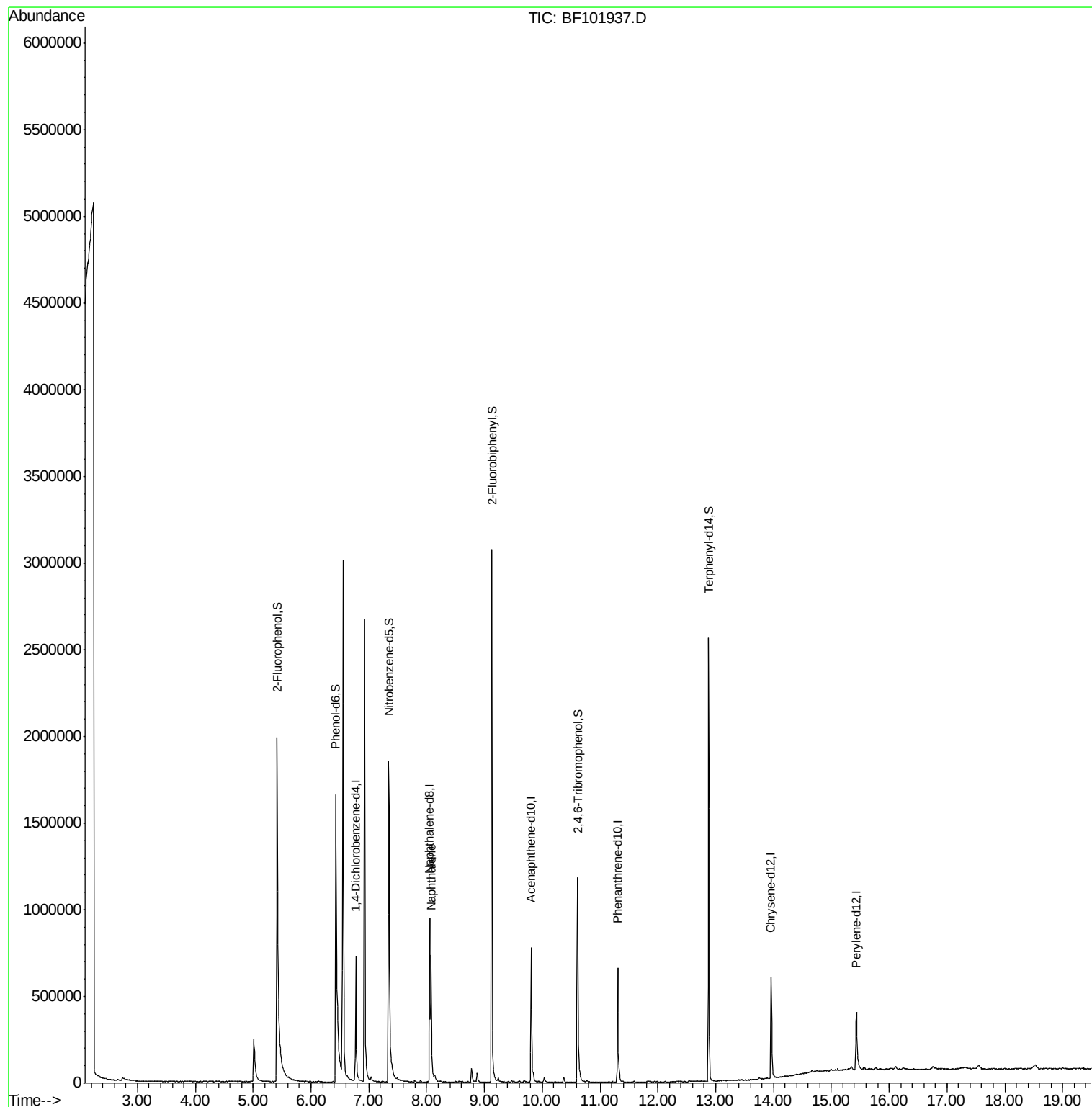
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127111	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	476442	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	173559	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	263181	20.00	ng	0.00
75) Chrysene-d12	13.96	240	259791	20.00	ng	0.00
86) Perylene-d12	15.43	264	213221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1052825	123.38	ng	0.01
7) Phenol-d6	6.43	99	1105845	104.13	ng	0.00
23) Nitrobenzene-d5	7.35	82	850955	99.42	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	172676	103.25	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1143127	102.17	ng	0.00
78) Terphenyl-d14	12.88	244	852663	79.12	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.07	128	378278	15.771	ng	99

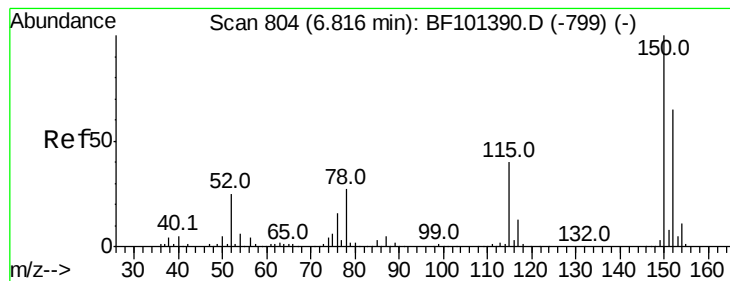
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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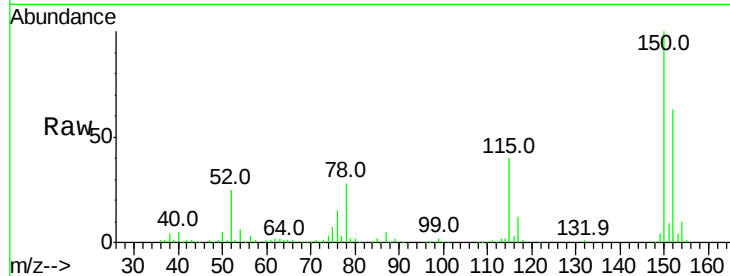


#1

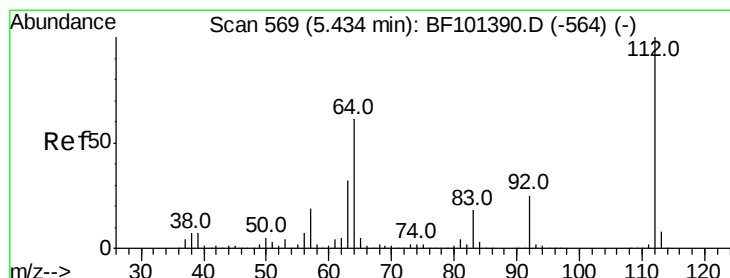
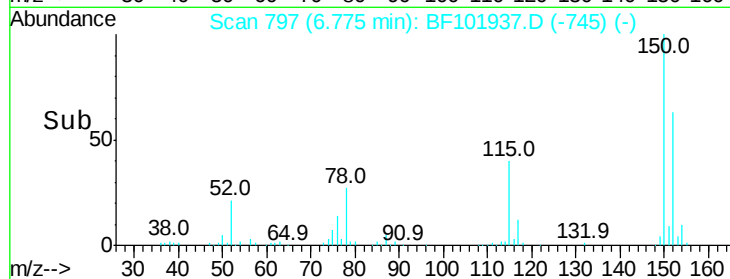
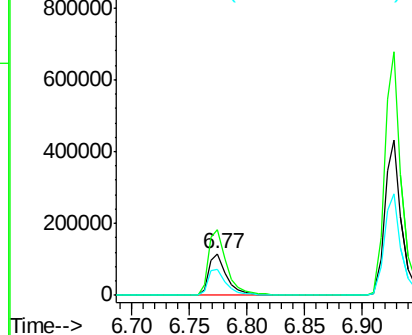
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 RBR251588

Tot Ion:152 Resp: 127111
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 63.1 50.1 75.1



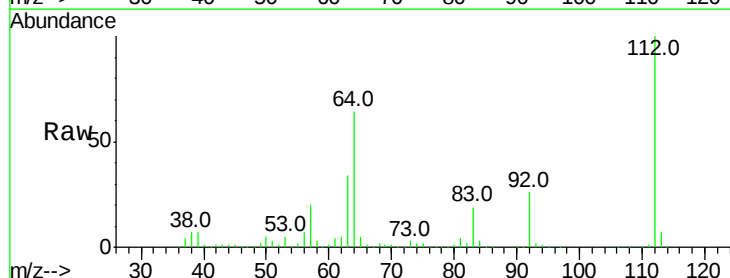
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



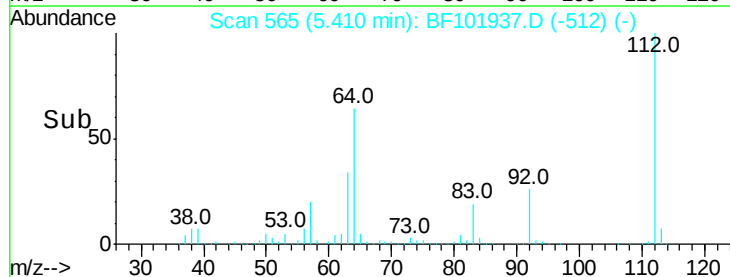
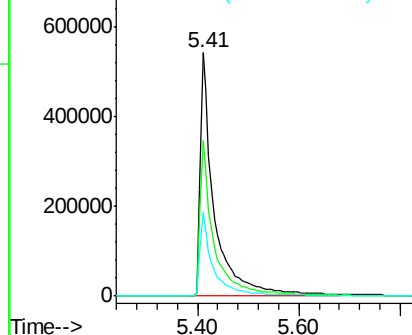
#5

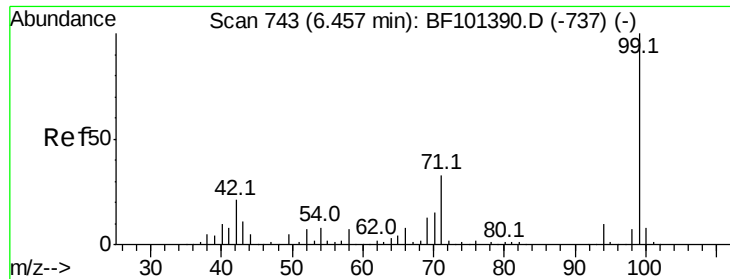
2-Fluorophenol
 Concen: 123.378 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

Tgt Ion:112 Resp: 1052825
 Ion Ratio Lower Upper
 112 100
 64 63.7 47.9 71.9
 63 34.3 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: 104.128 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF101937.D

Acq: 5 Jan 2018 18:36

Instrument :

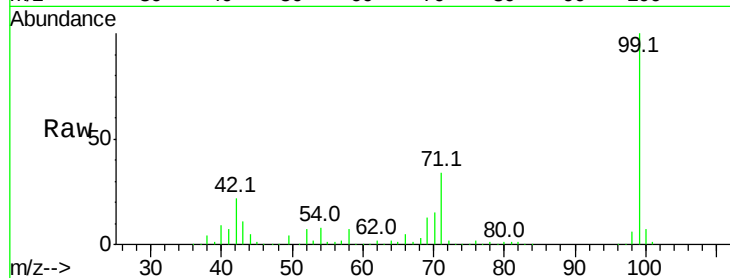
BNA_F

ClientSampleId :

RBR251588

Tot Ion: 99 Resp: 1105845

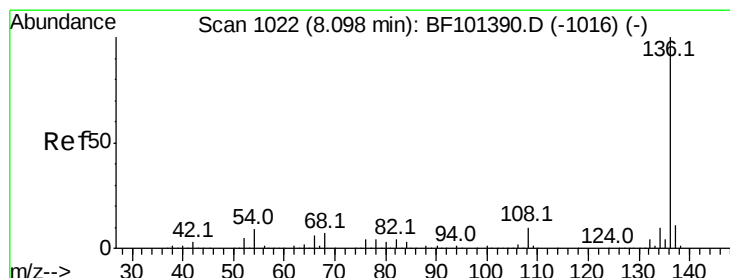
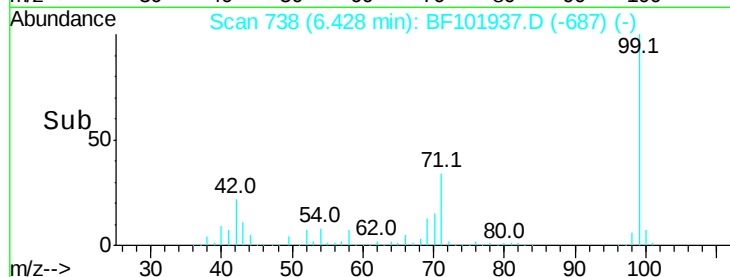
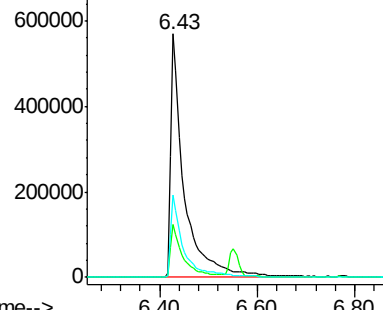
Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.8	25.4	38.0



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: 8.05 min Scan# 1014

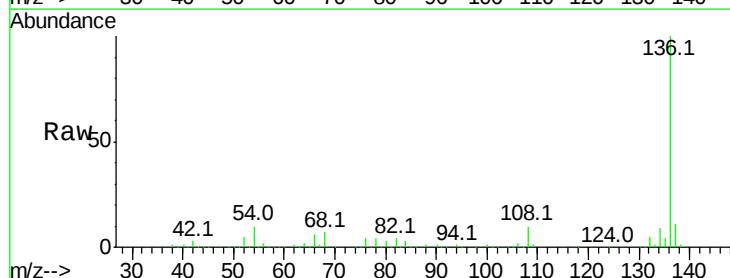
Delta R.T. 0.00 min

Lab File: BF101937.D

Acq: 5 Jan 2018 18:36

Tgt Ion: 136 Resp: 476442

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.2	6.6	9.8#
68	6.9	5.0	7.4

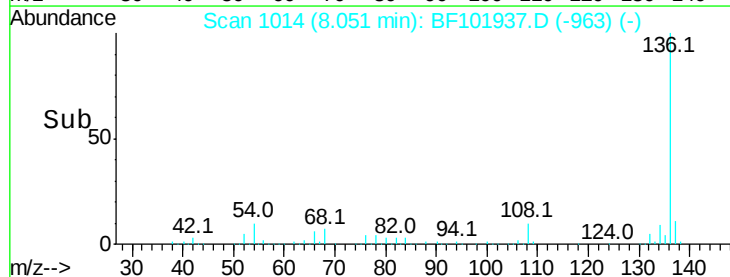
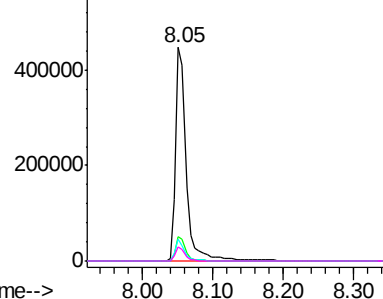


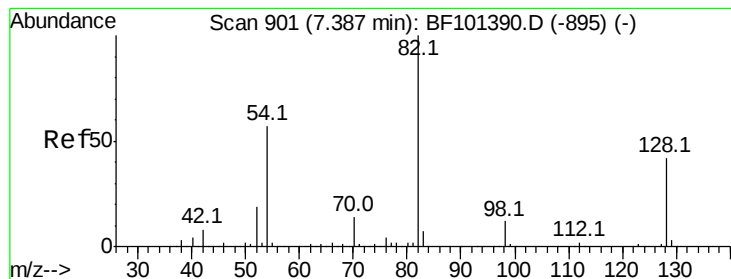
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.423 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF101937.D

Acq: 5 Jan 2018 18:36

Instrument :

BNA_F

ClientSampleId :

RBR251588

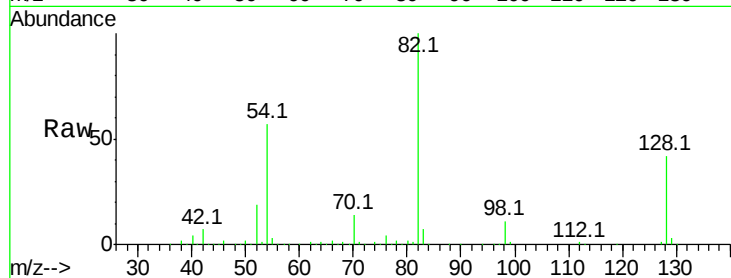
Tot Ion: 82 Resp: 850955

Ion Ratio Lower Upper

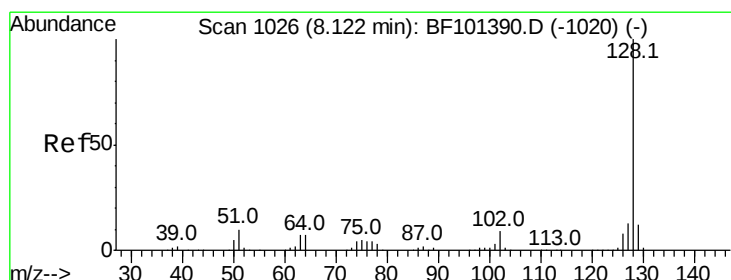
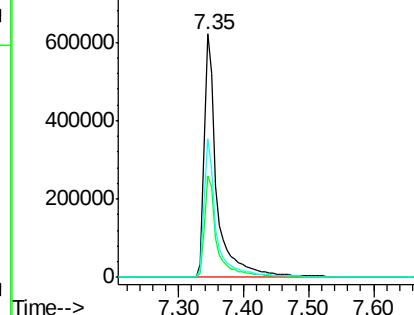
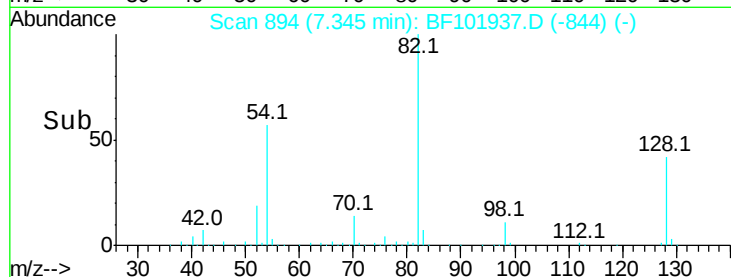
82 100

128 41.7 36.1 54.1

54 56.8 41.4 62.2



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



#31

Naphthalene

Concen: 15.771 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF101937.D

Acq: 5 Jan 2018 18:36

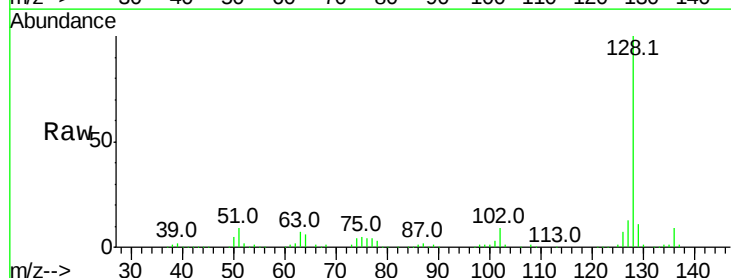
Tgt Ion: 128 Resp: 378278

Ion Ratio Lower Upper

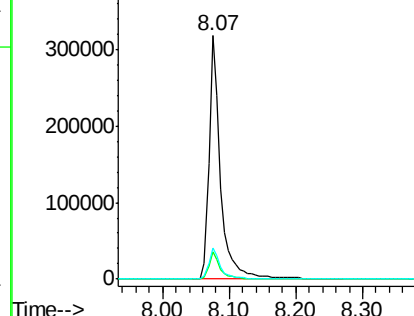
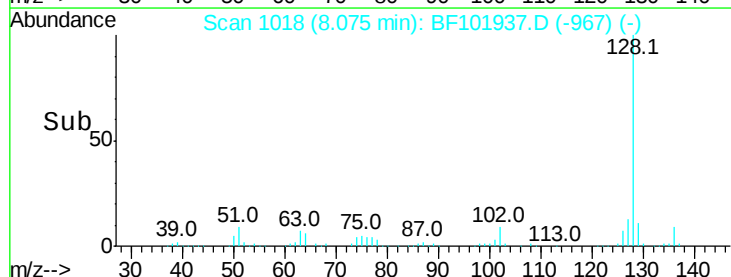
128 100

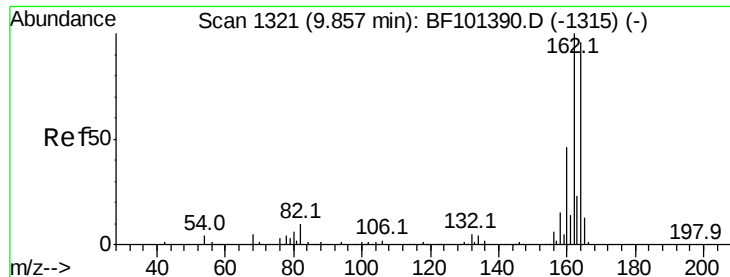
129 11.2 8.8 13.2

127 12.8 10.9 16.3



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

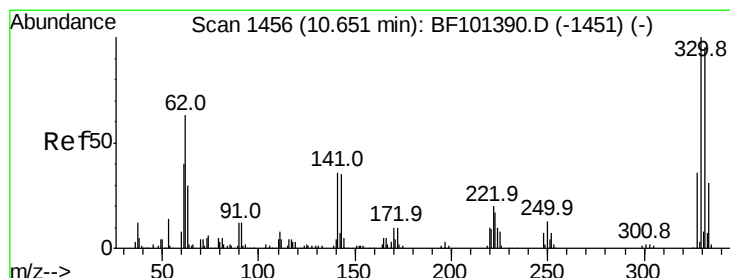
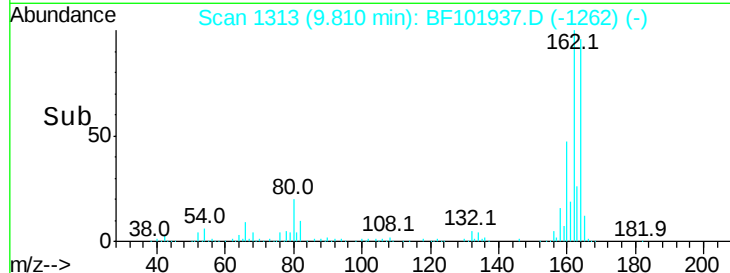
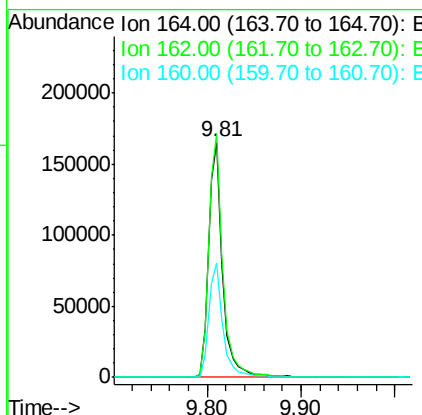
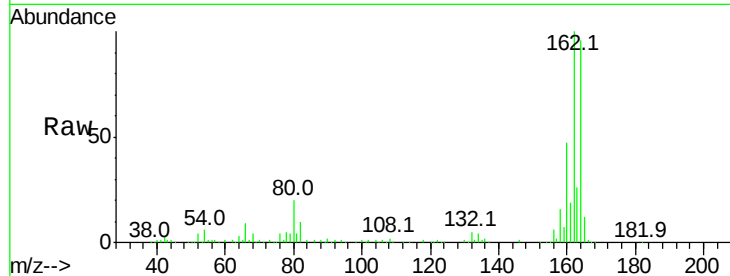




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

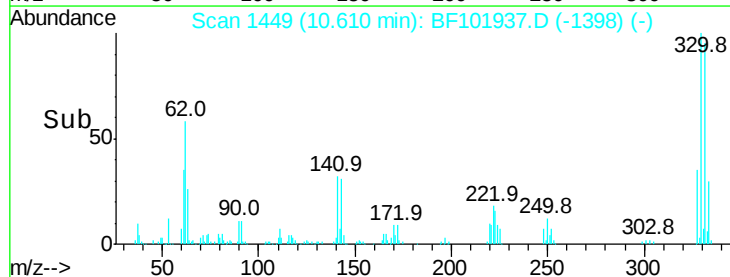
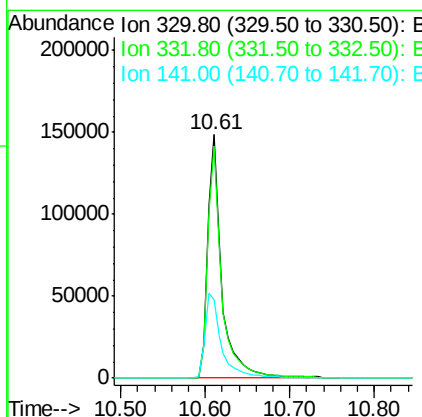
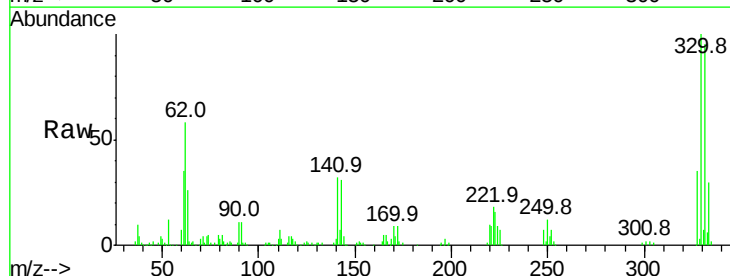
Instrument :
 BNA_F
 ClientSampleId :
 RBR251588

Tot Ion:164 Resp: 173559
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 48.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 103.252 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

Tgt Ion:330 Resp: 172676
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 40.8 29.9 44.9



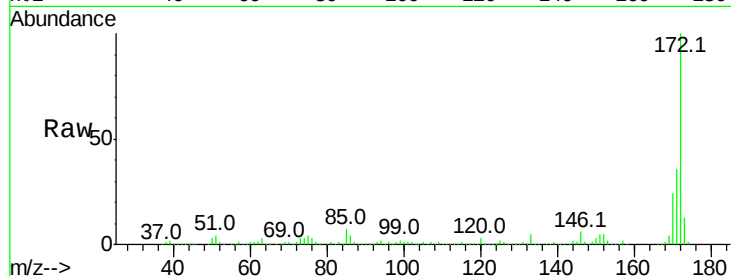


#44
 2-Fluorobiphenyl
 Concen: 102.171 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

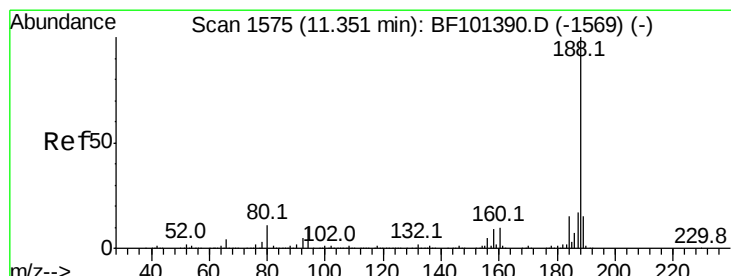
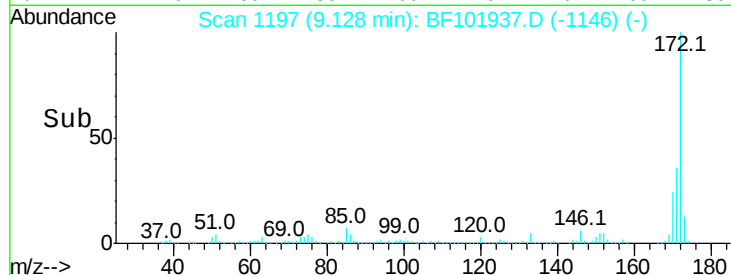
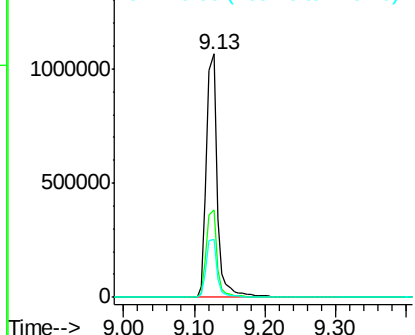
Instrument :
 BNA_F
 ClientSampleId :
 RBR251588

Tot Ion:172 Resp: 1143127

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



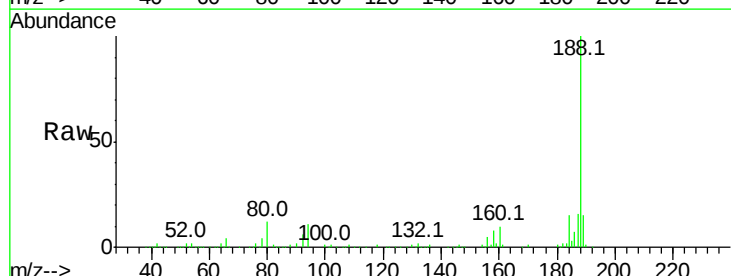
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



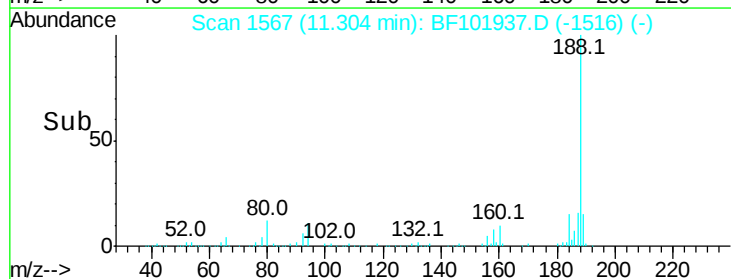
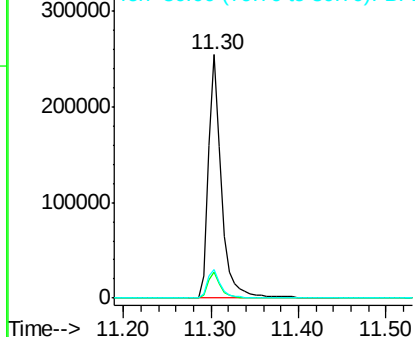
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

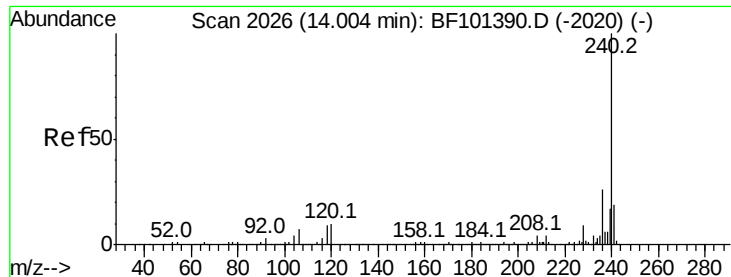
Tgt Ion:188 Resp: 263181

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101937.D

Acq: 5 Jan 2018 18:36

Instrument :

BNA_F

ClientSampled :

RBR251588

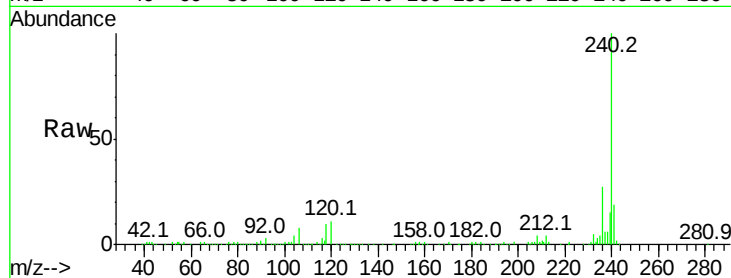
Tot Ion:240 Resp: 259791

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

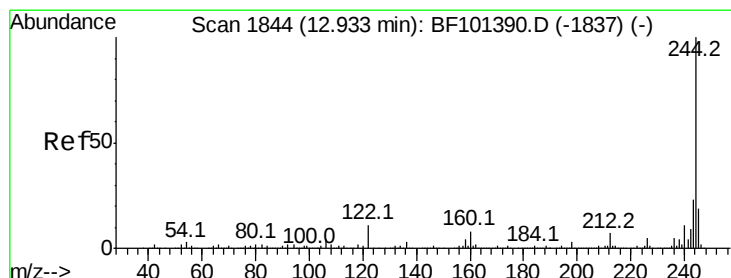
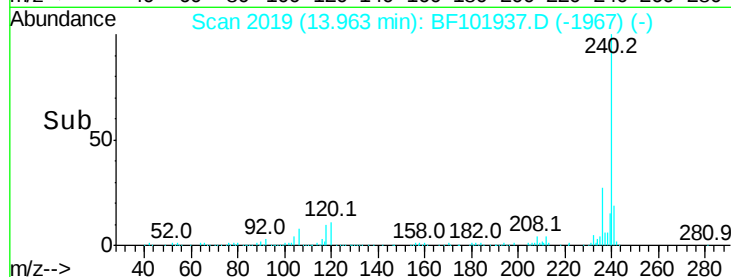
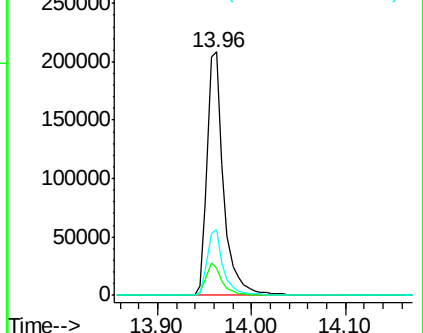
236 26.8 20.7 31.1



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: 79.124 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101937.D

Acq: 5 Jan 2018 18:36

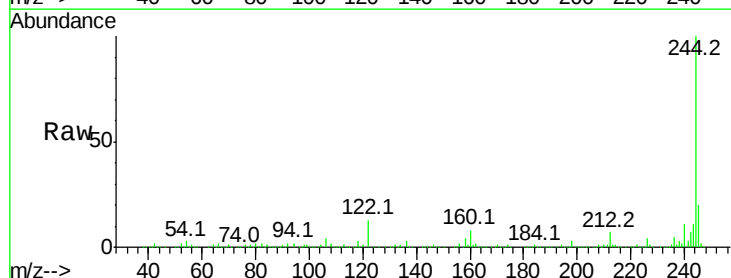
Tgt Ion:244 Resp: 852663

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

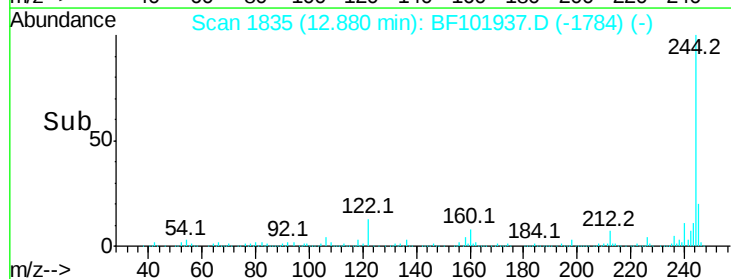
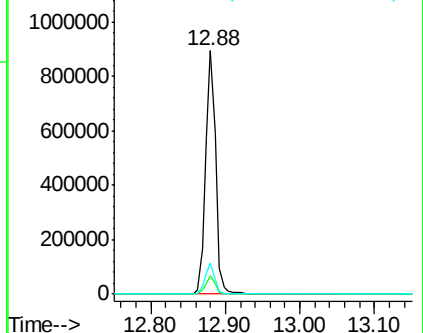
122 13.0 11.0 16.4

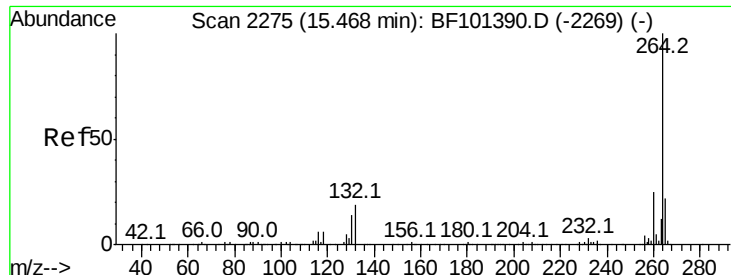


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF101937.D
 Acq: 5 Jan 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 RBR251588

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

