

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101936.D
 Acq On : 5 Jan 2018 18:09
 Operator : SJ/JU
 Sample : J1027-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251608

Quant Time: Jan 05 21:51:19 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	130278	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	504297	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	194913	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	306064	20.00	ng	0.00
75) Chrysene-d12	13.96	240	252556	20.00	ng	0.00
86) Perylene-d12	15.43	264	208836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1097666	125.51	ng	0.01
7) Phenol-d6	6.43	99	1186335	108.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	893613	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	213861	113.87	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1218641	96.99	ng	0.00
78) Terphenyl-d14	12.88	244	938560	89.59	ng	0.00

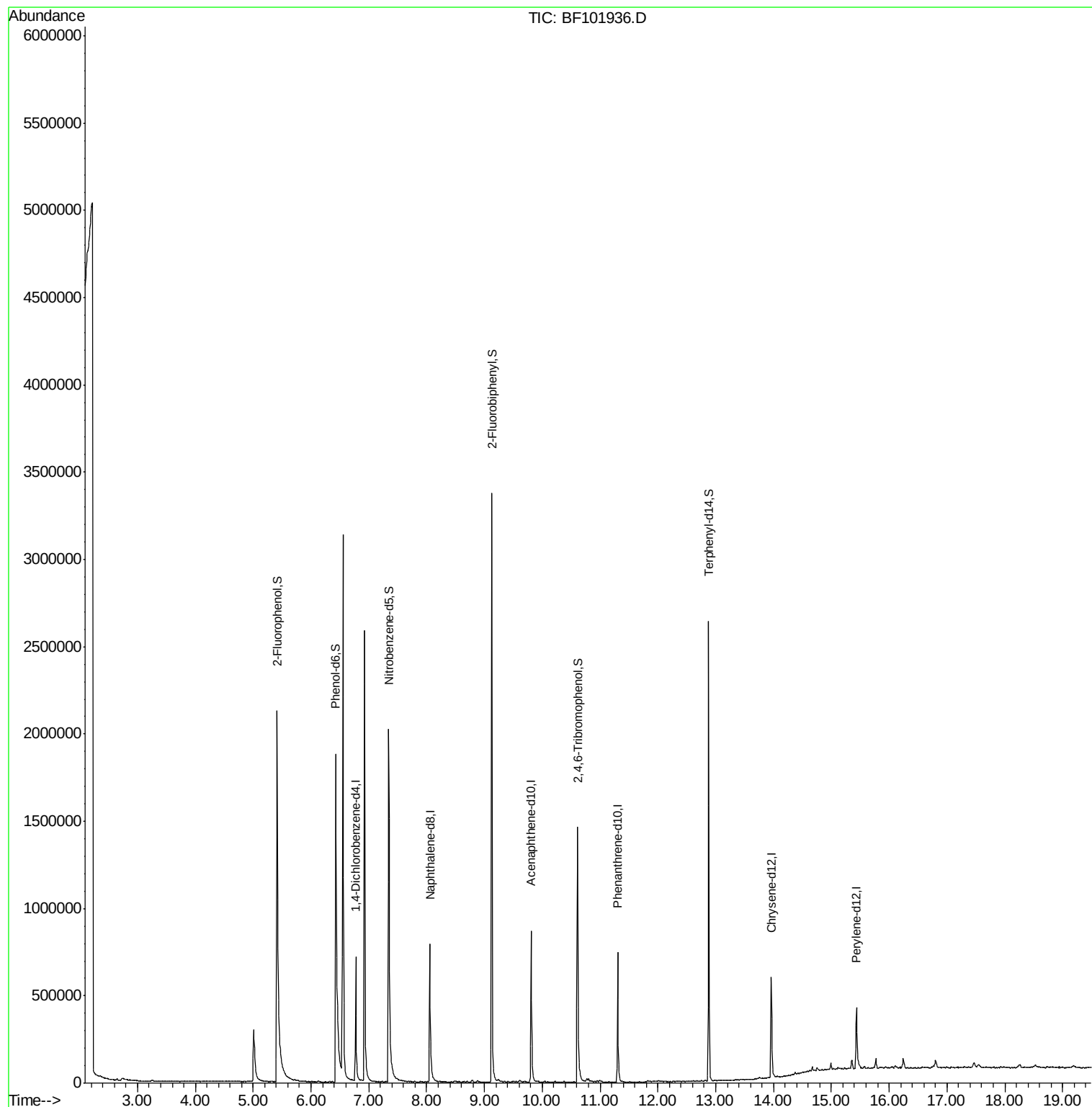
Target Compounds Qvalue

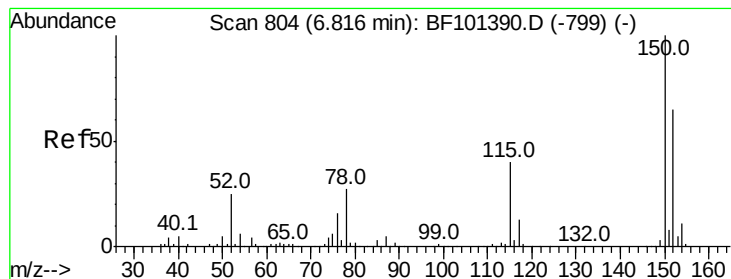
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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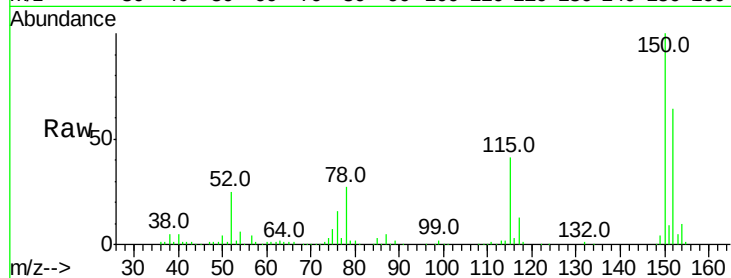


#1

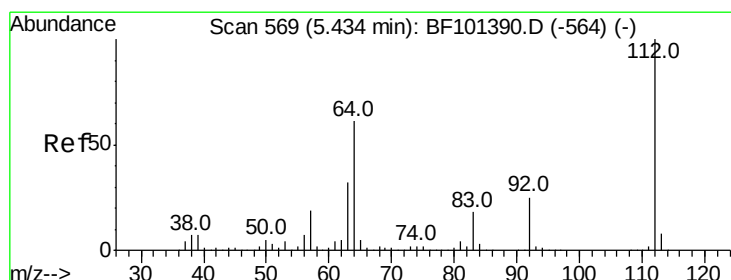
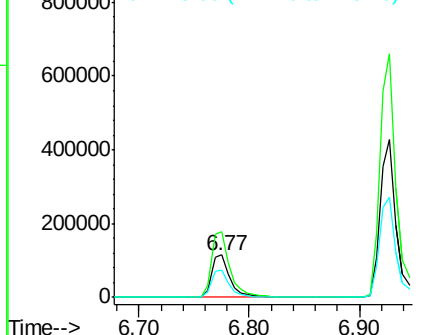
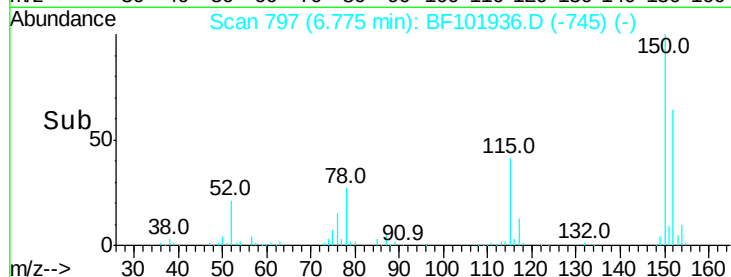
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
RBR251608

Tot Ion:152 Resp: 130278
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 63.0 50.1 75.1



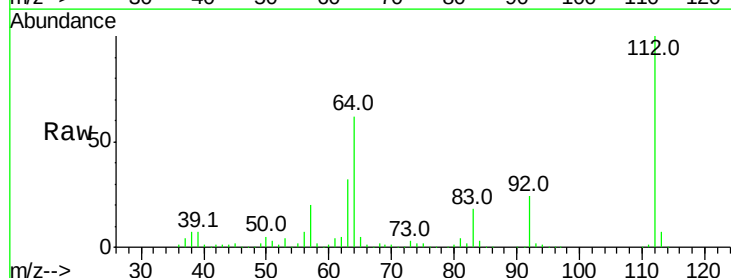
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



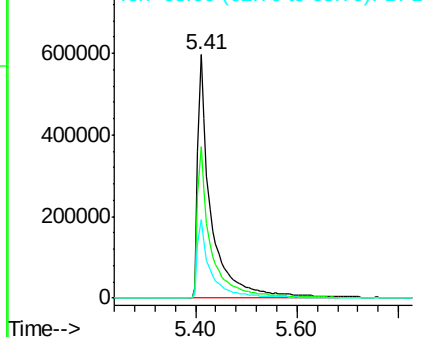
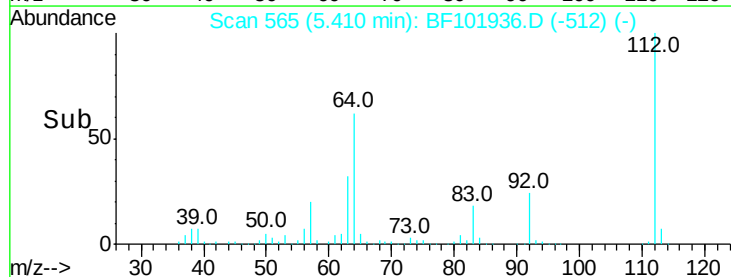
#5

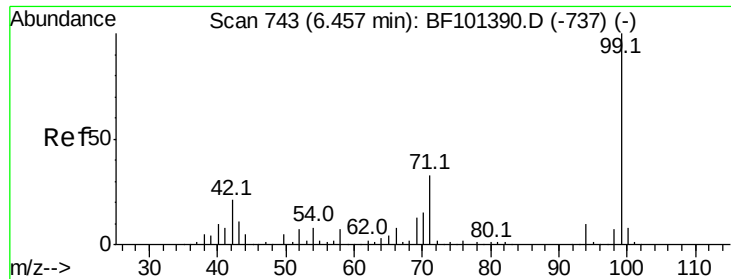
2-Fluorophenol
Concen: 125.505 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Tgt Ion:112 Resp: 1097666
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 32.3 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: 108.991 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Instrument :

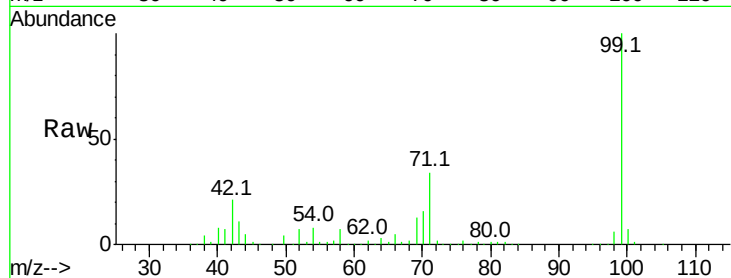
BNA_F

ClientSampleId :

RBR251608

Tot Ion: 99 Resp: 1186335

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.7	25.4	38.0

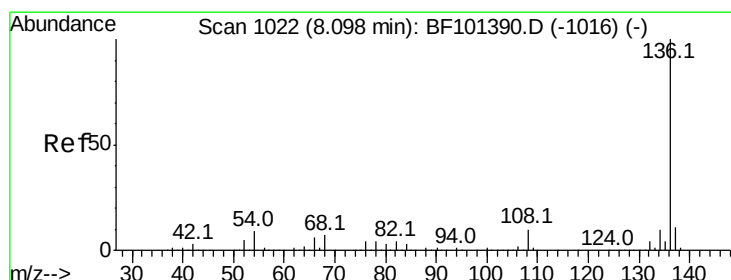
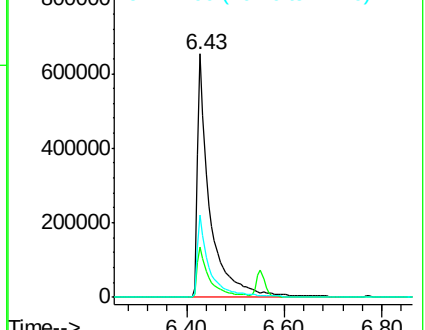
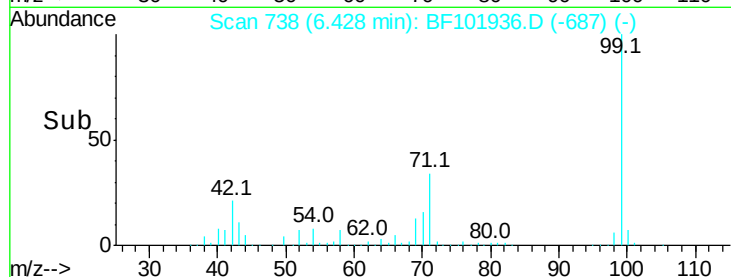


Abundance

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: 8.06 min Scan# 1015

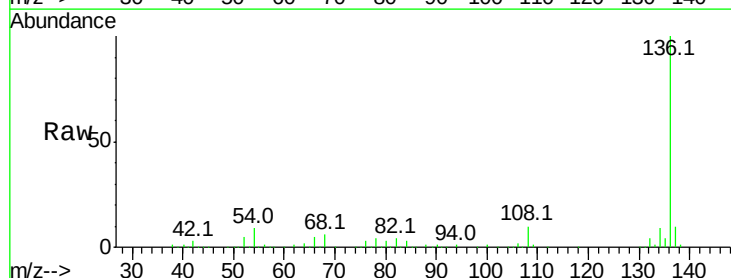
Delta R.T. 0.01 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Tgt Ion: 136 Resp: 504297

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4



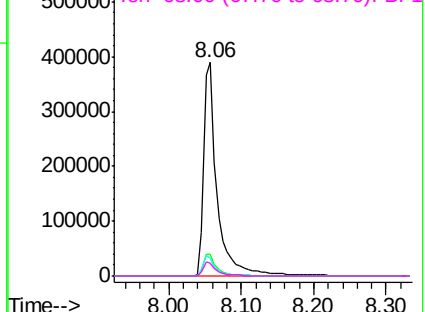
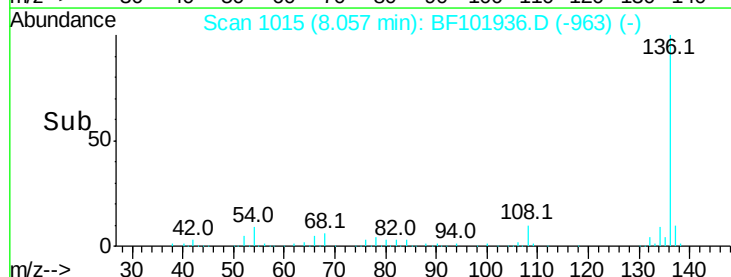
Abundance

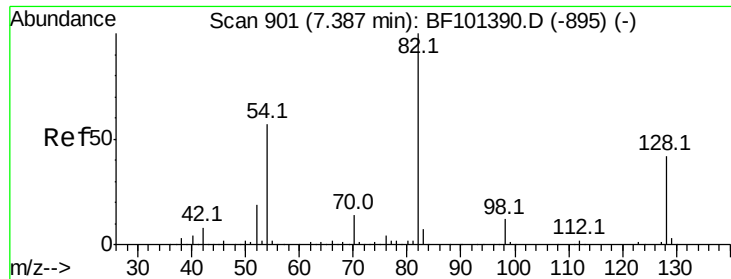
Ion 136.00 (135.70 to 136.70): E

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

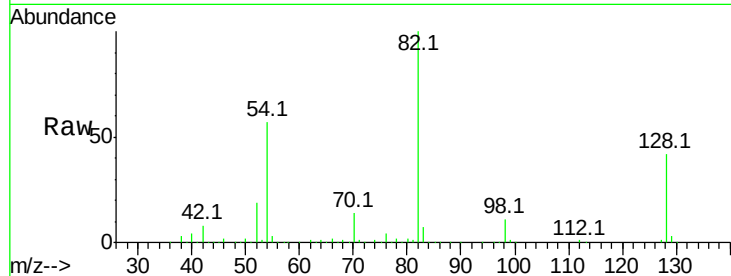




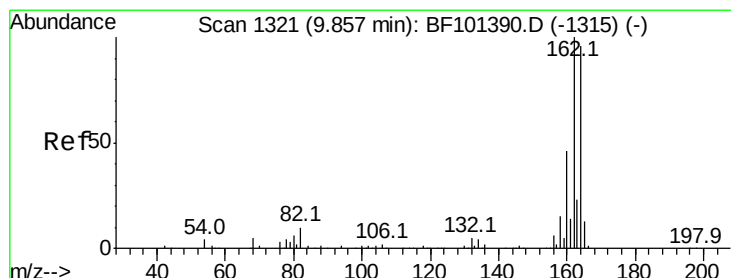
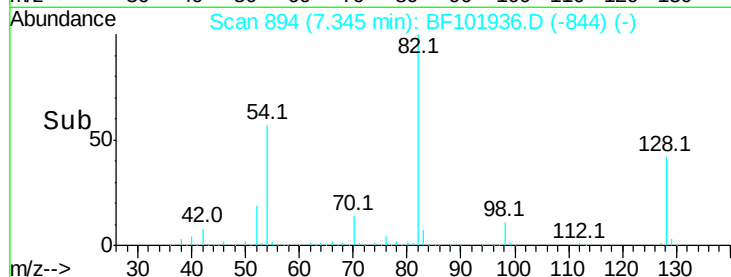
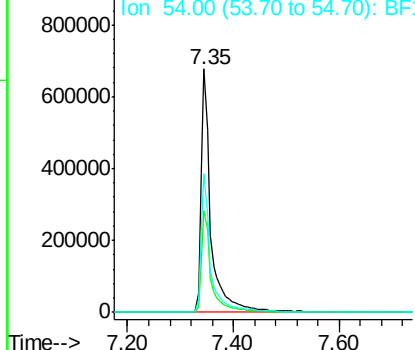
#23
Nitrobenzene-d5
Concen: 98.640 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
RBR251608

Tot Ion: 82 Resp: 893613
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 56.8 41.4 62.2

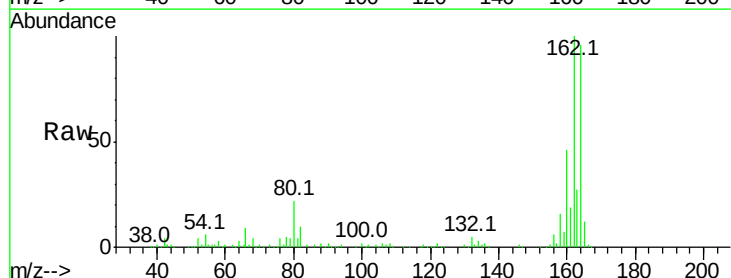


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

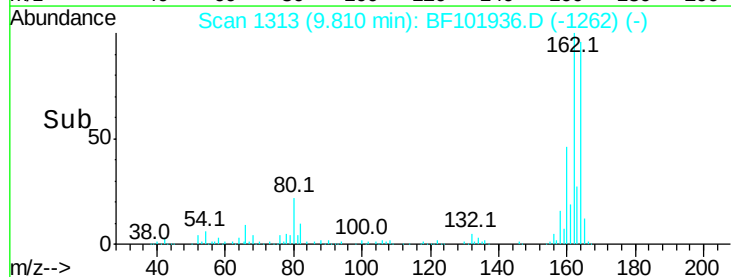
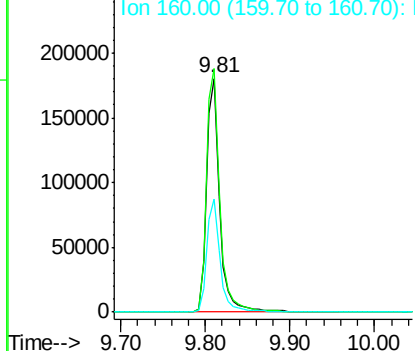


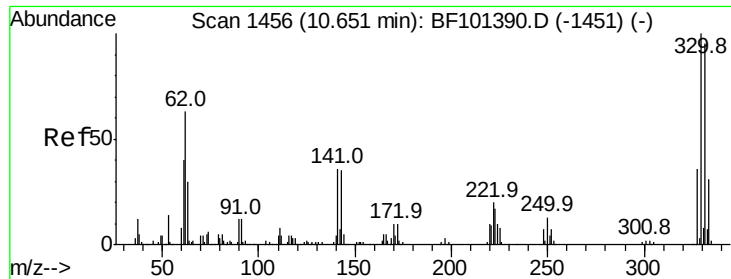
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Tgt Ion:164 Resp: 194913
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 48.4 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

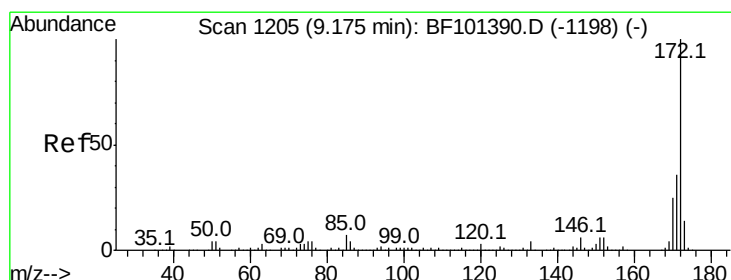
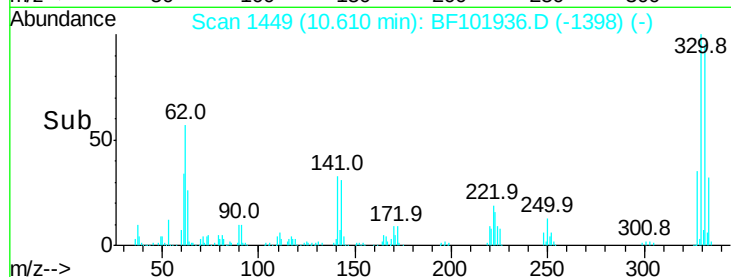
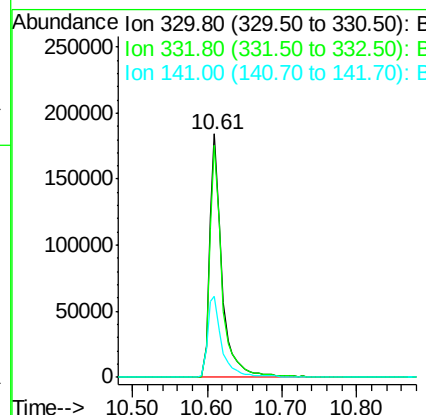
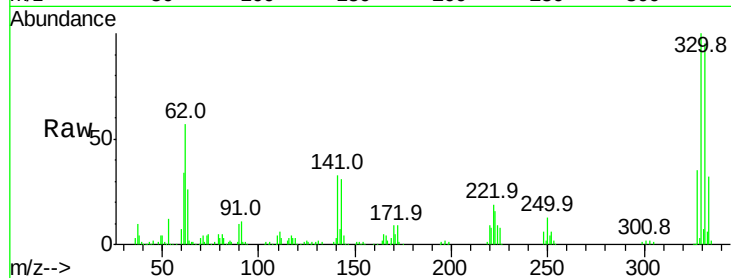




#41
 2,4,6-Tribromophenol
 Concen: 113.869 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF101936.D
 Acq: 5 Jan 2018 18:09

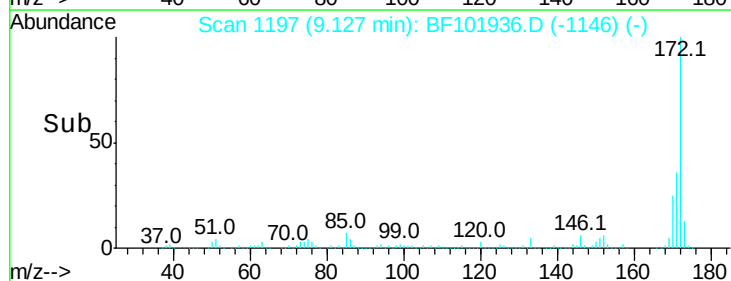
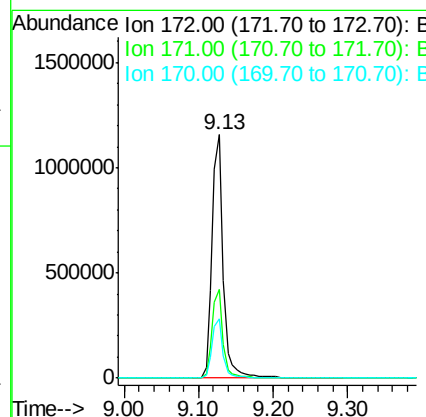
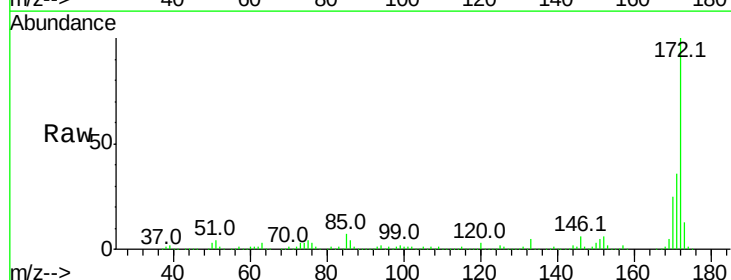
Instrument :
 BNA_F
 ClientSampleId :
 RBR251608

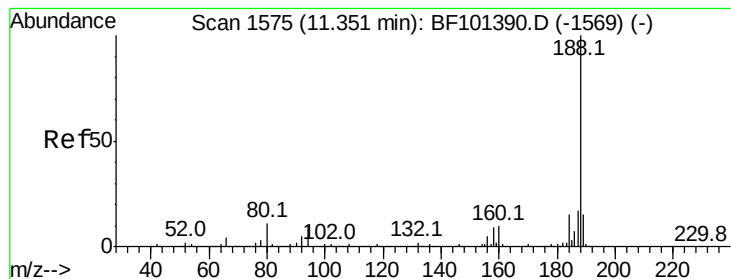
Tot Ion:330 Resp: 213861
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 39.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 96.987 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101936.D
 Acq: 5 Jan 2018 18:09

Tgt Ion:172 Resp: 1218641
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.6 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Instrument :

BNA_F

ClientSampleId :

RBR251608

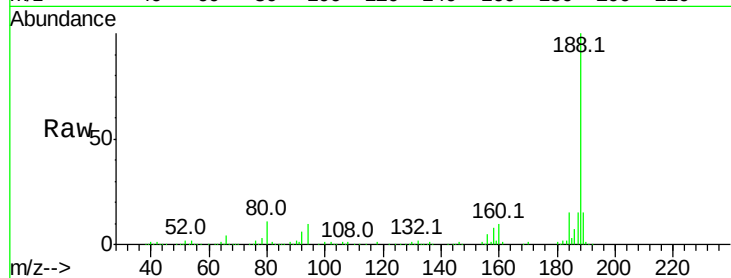
Tot Ion:188 Resp: 306064

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

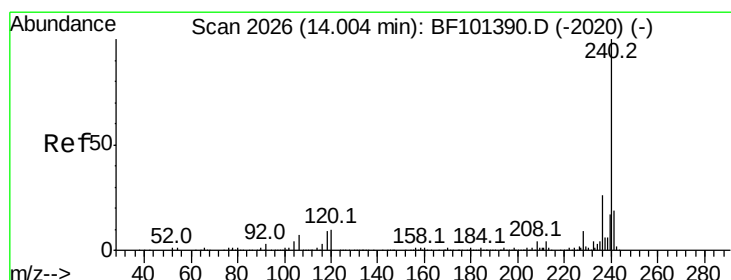
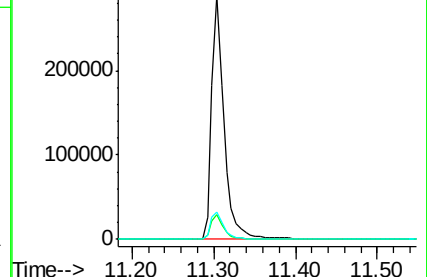
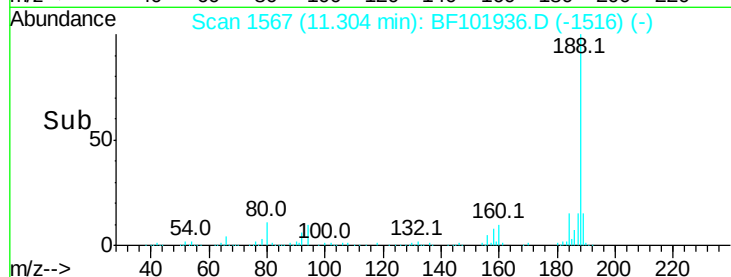
80 11.3 9.2 13.8



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: BF101936.D

Acq: 5 Jan 2018 18:09

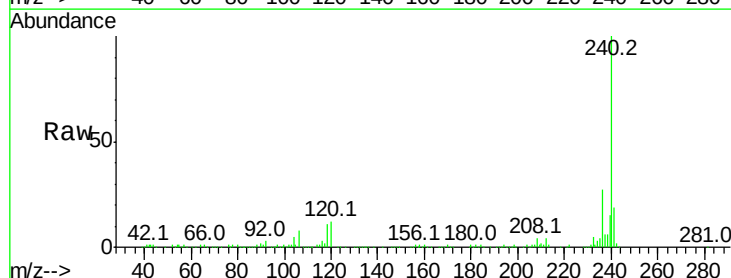
Tgt Ion:240 Resp: 252556

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

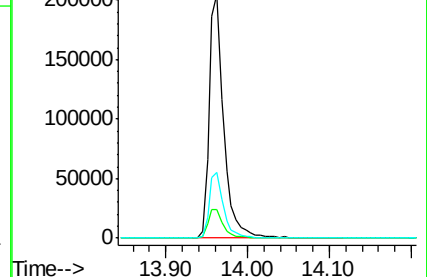
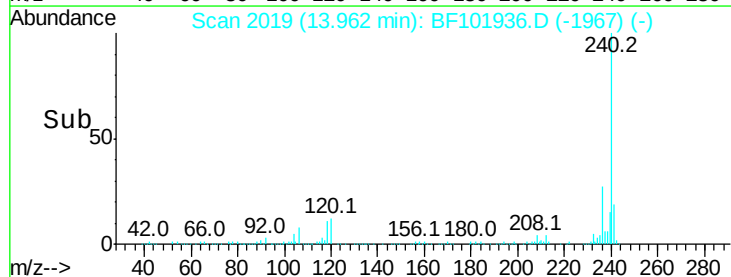
236 27.1 20.7 31.1

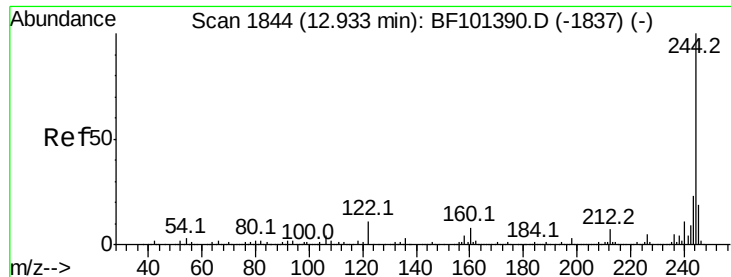


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.590 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Instrument :

BNA_F

ClientSampleId :

RBR251608

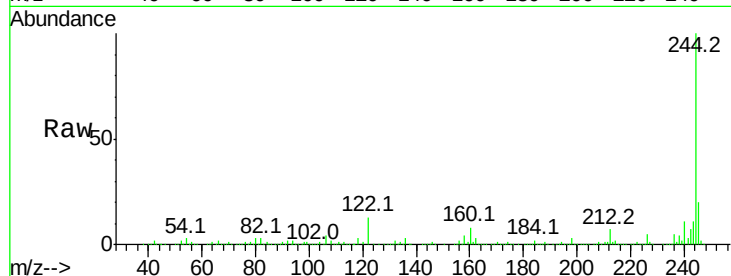
Tot Ion:244 Resp: 938560

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

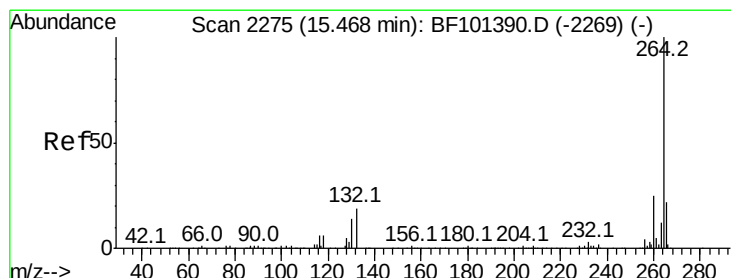
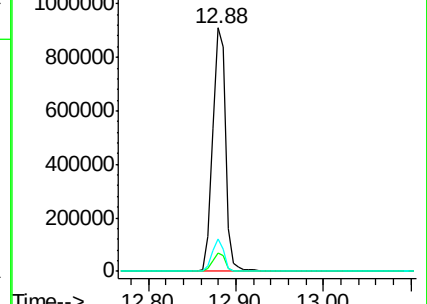
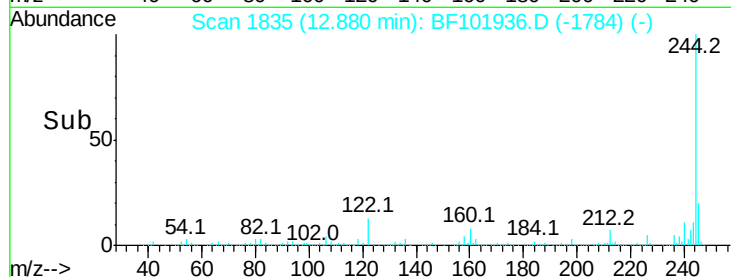
122 13.1 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

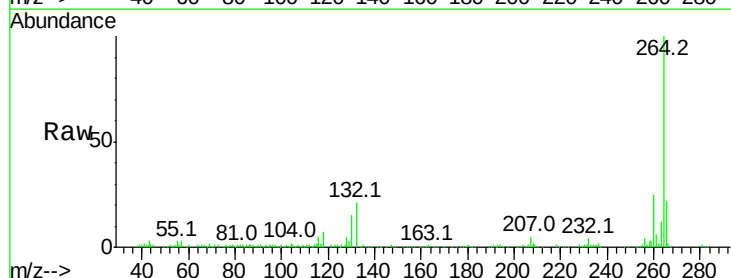
Tgt Ion:264 Resp: 208836

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

