

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107650.D
 Acq On : 25 Jul 2018 12:11
 Operator : JU/SJ
 Sample : J4101-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 25 14:12:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	253919	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	981577	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	424896	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	956047	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	723273	20.00	ng	-0.01
86) Perylene-d12	15.68	264	216647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1607960	101.82	ng	0.01
7) Phenol-d6	6.61	99	1787171	94.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	1431227	98.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	743712	153.92	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2530163	110.60	ng	-0.01
78) Terphenyl-d14	13.09	244	2689482	95.20	ng	0.00

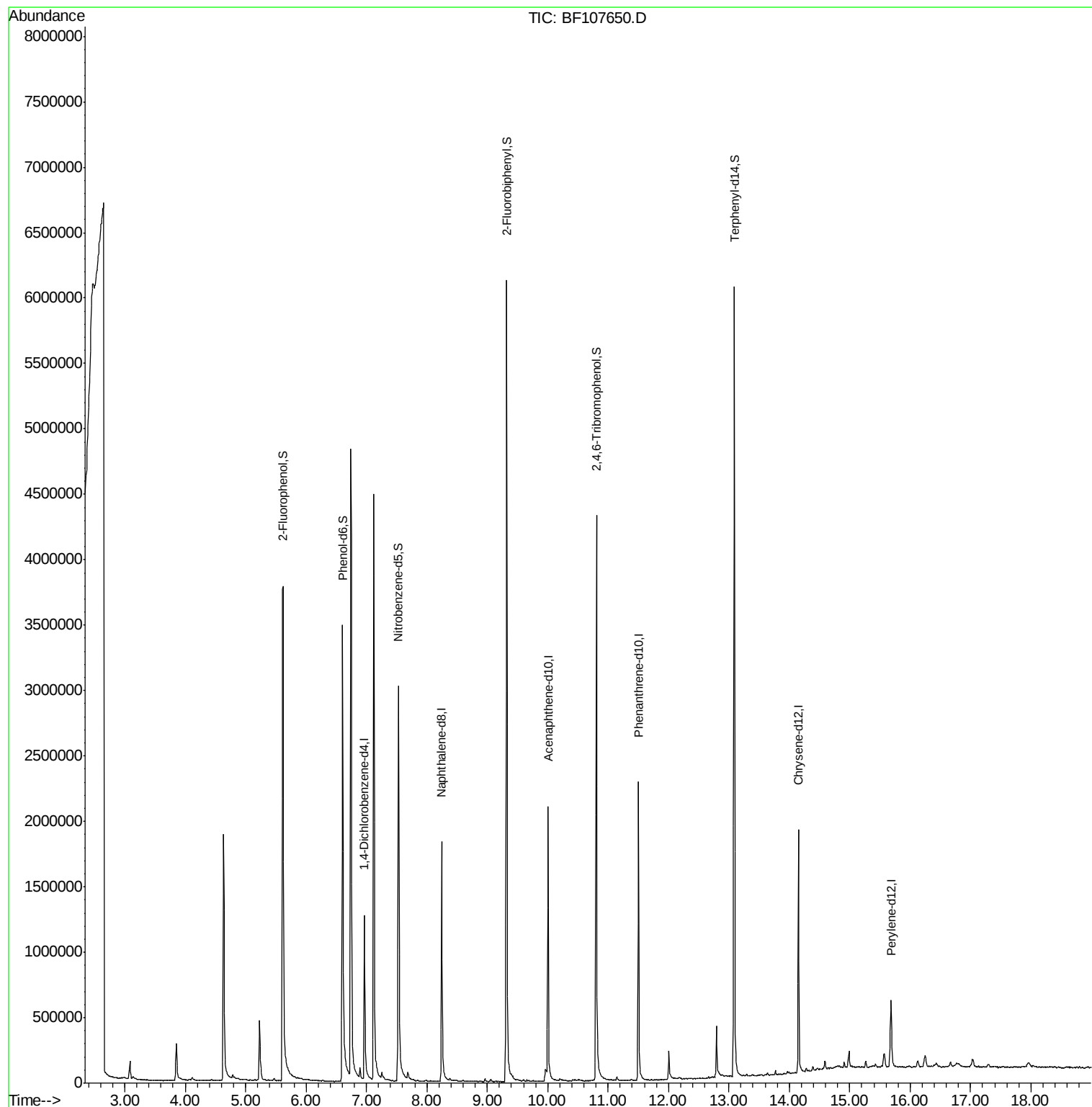
Target Compounds Qvalue

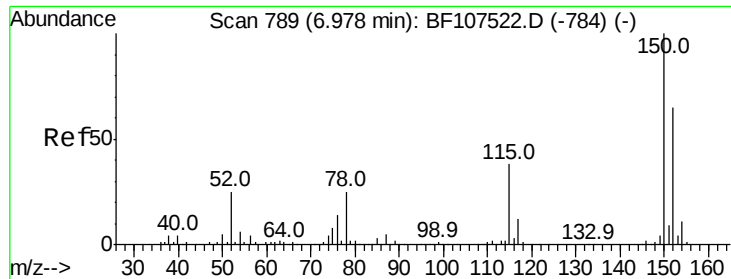
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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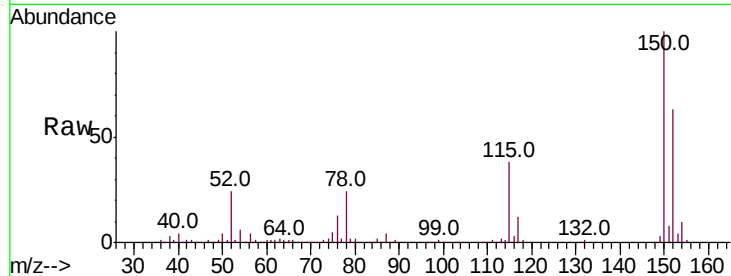


#1

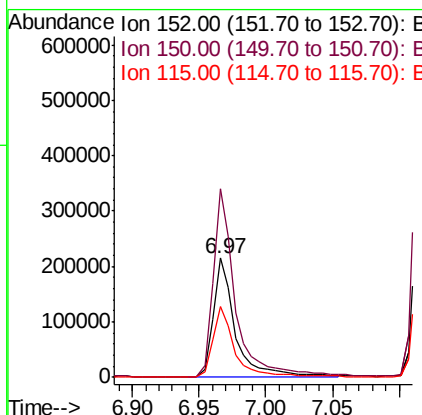
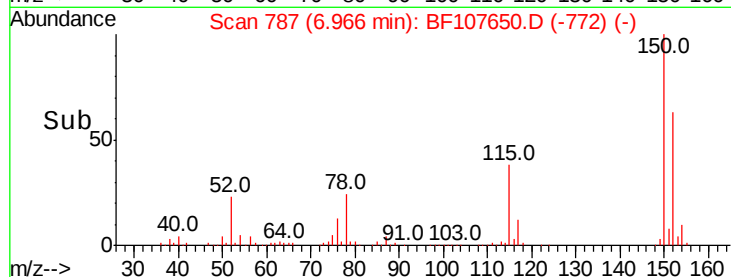
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107650.D
Acq: 25 Jul 2018 12:11

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion:152 Resp: 253919
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 59.6 50.1 75.1



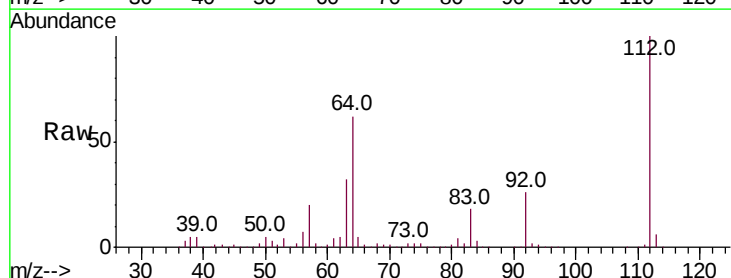
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



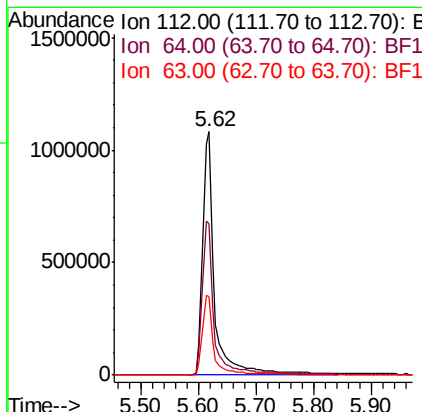
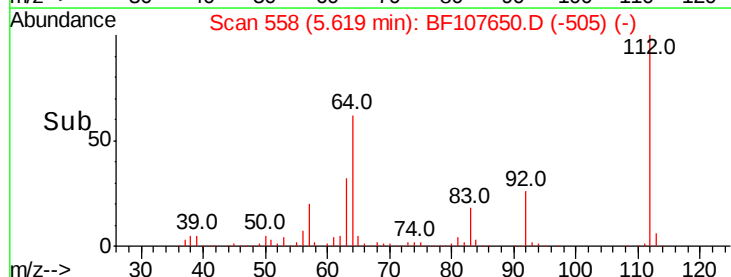
#5

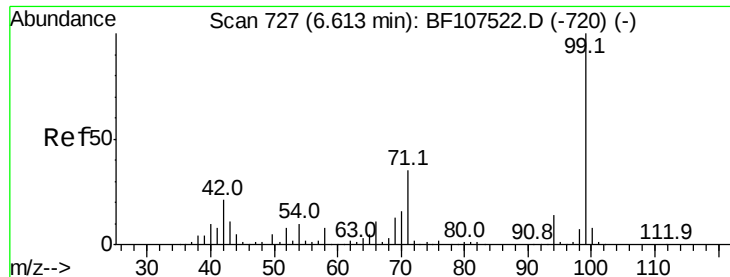
2-Fluorophenol
Concen: 101.816 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107650.D
Acq: 25 Jul 2018 12:11

Tgt Ion:112 Resp: 1607960
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 32.2 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: 94.245 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107650.D

Acq: 25 Jul 2018 12:11

Instrument :

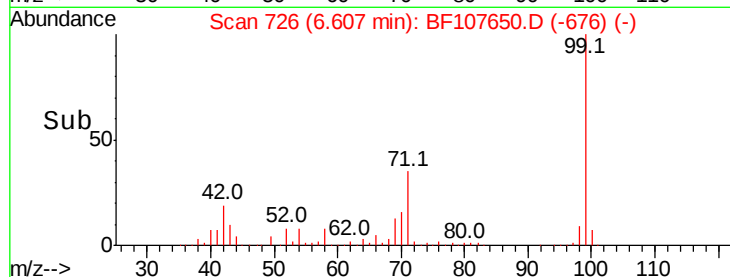
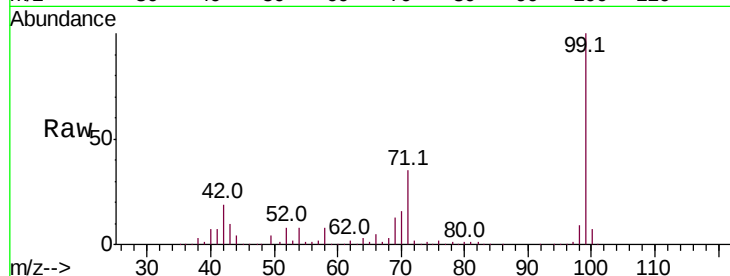
BNA_F

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 1787171

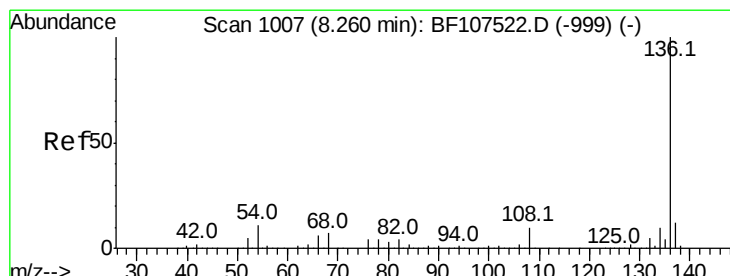
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.8	25.4	38.0



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: 8.25 min Scan# 1005

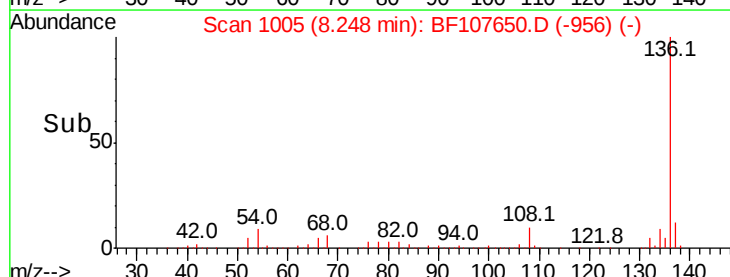
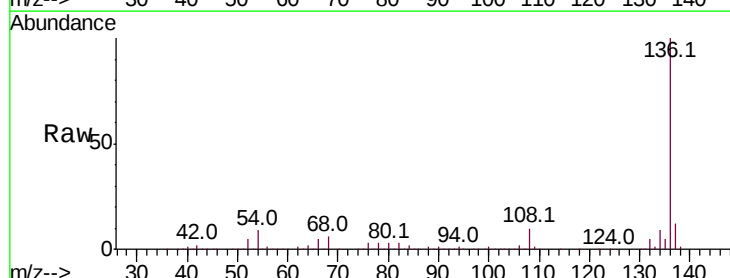
Delta R.T. -0.01 min

Lab File: BF107650.D

Acq: 25 Jul 2018 12:11

Tgt Ion:136 Resp: 981577

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.2	6.6	9.8
68	5.7	5.0	7.4

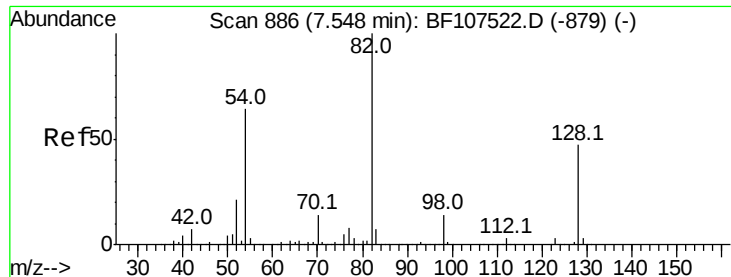


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

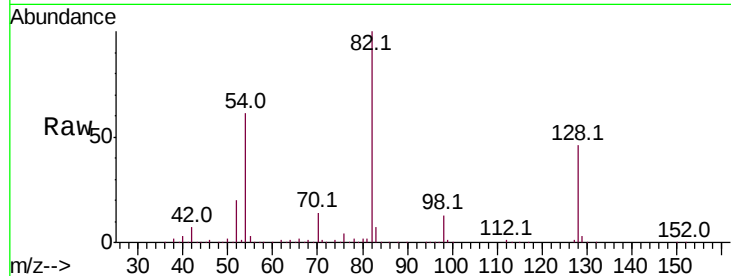
Ion 68.00 (67.70 to 68.70): BF1



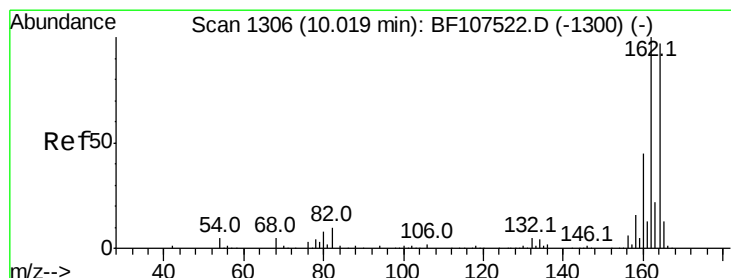
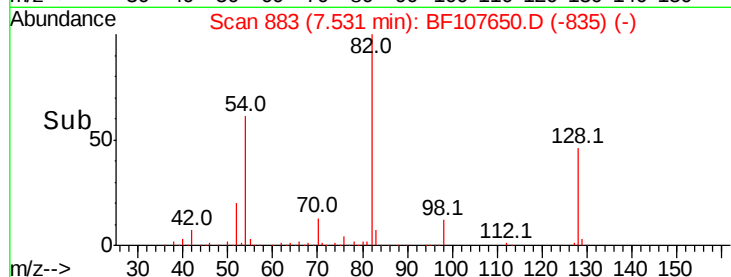
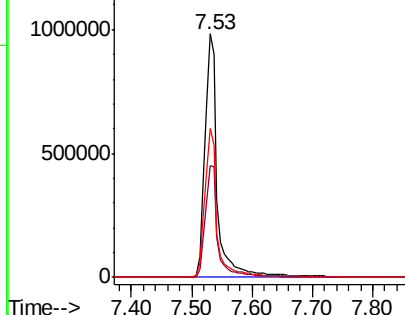
#23
Nitrobenzene-d5
Concen: 98.403 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107650.D
Acq: 25 Jul 2018 12:11

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion: 82 Resp: 1431227
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 61.1 41.4 62.2

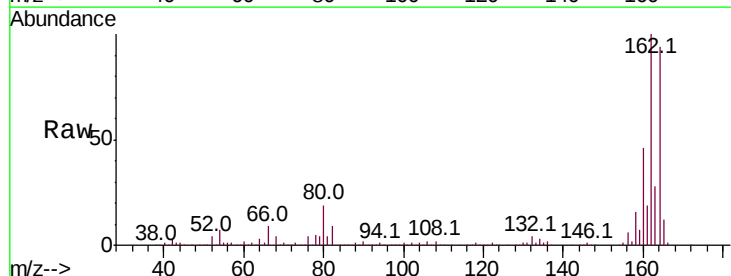


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

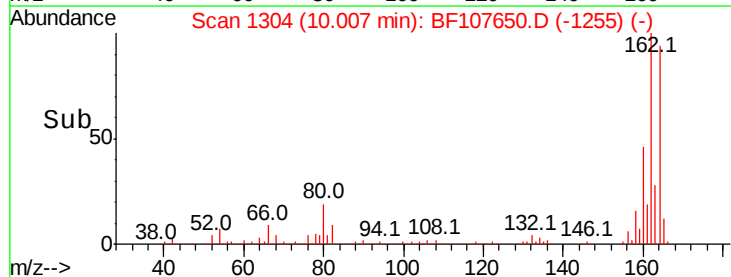
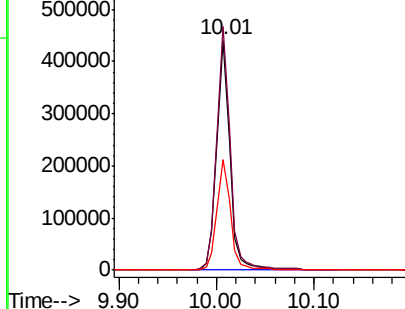


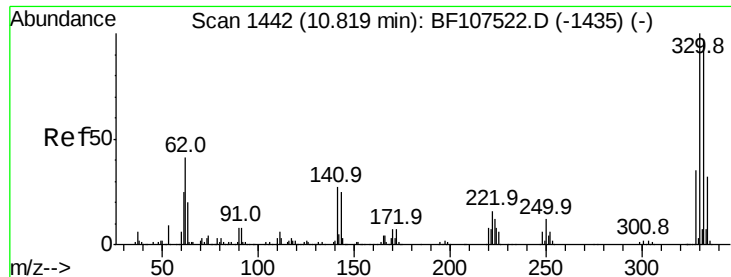
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107650.D
Acq: 25 Jul 2018 12:11

Tgt Ion:164 Resp: 424896
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 48.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 153.922 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107650.D

Acq: 25 Jul 2018 12:11

Instrument :

BNA_F

ClientSampleId :

TP-1

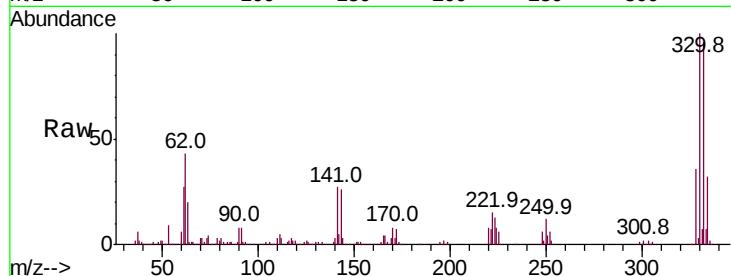
Tot Ion:330 Resp: 743712

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

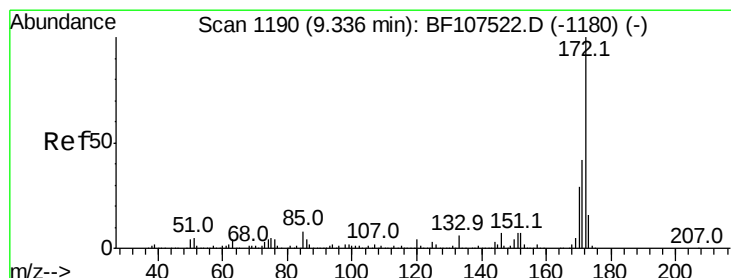
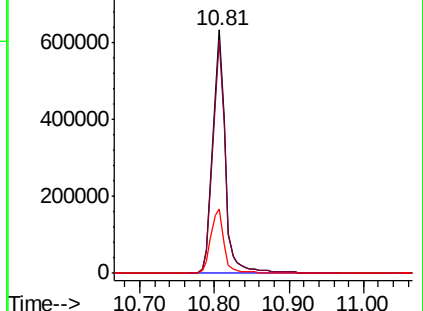
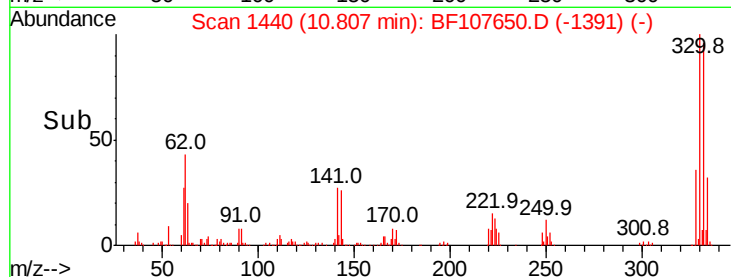
141 28.1 29.9 44.9#



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: 110.600 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF107650.D

Acq: 25 Jul 2018 12:11

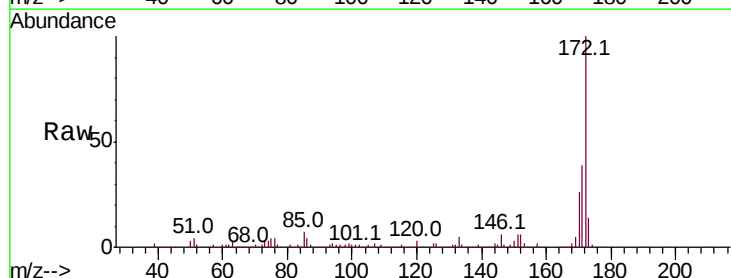
Tgt Ion:172 Resp: 2530163

Ion Ratio Lower Upper

172 100

171 38.6 29.7 44.5

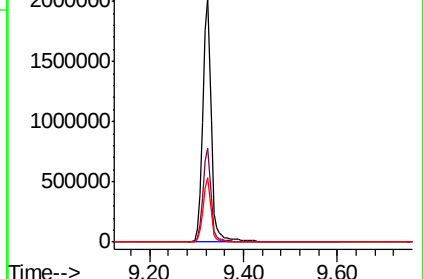
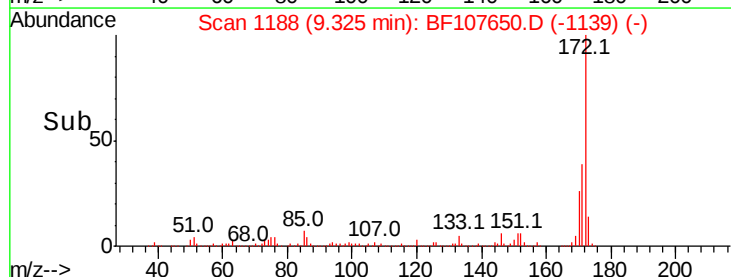
170 26.3 19.6 29.4

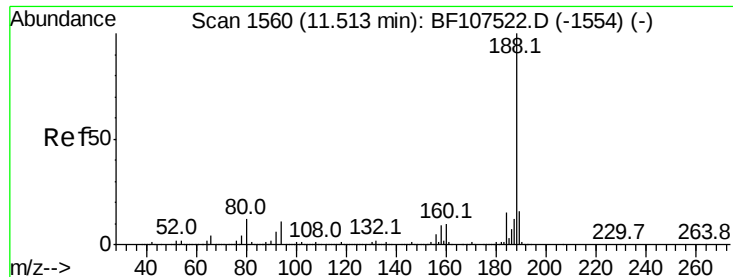


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

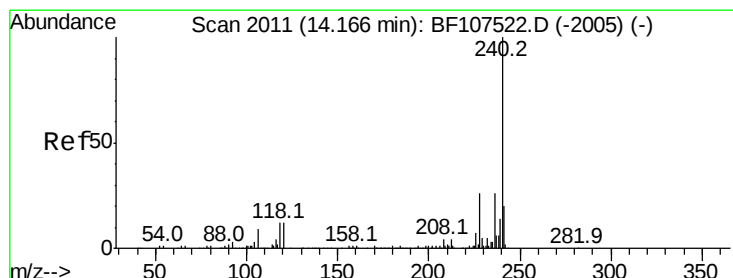
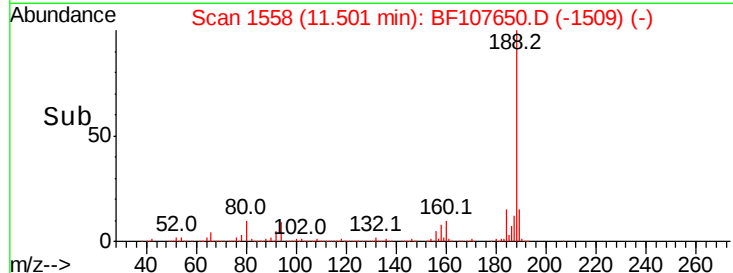
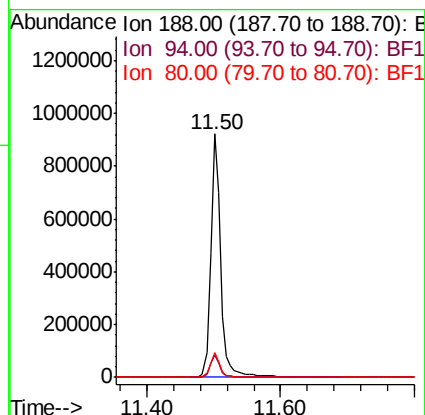
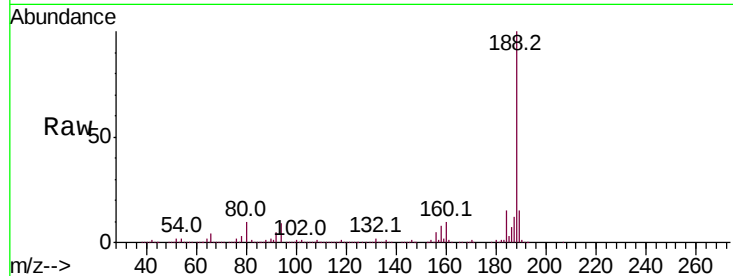




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107650.D
Acq: 25 Jul 2018 12:11

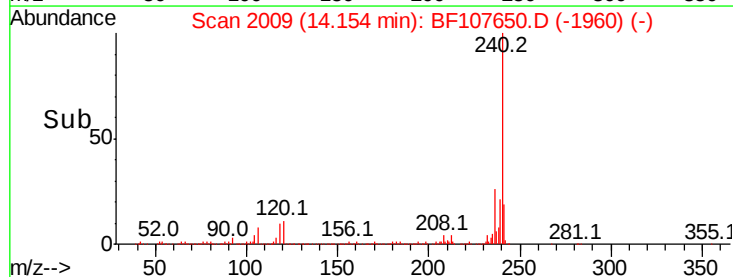
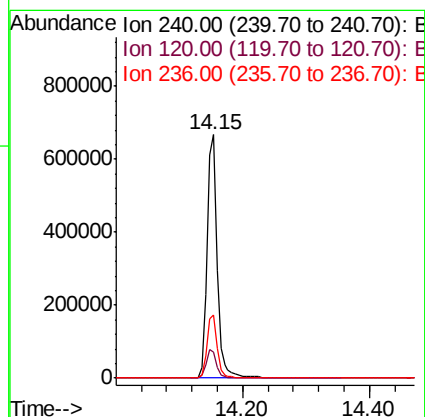
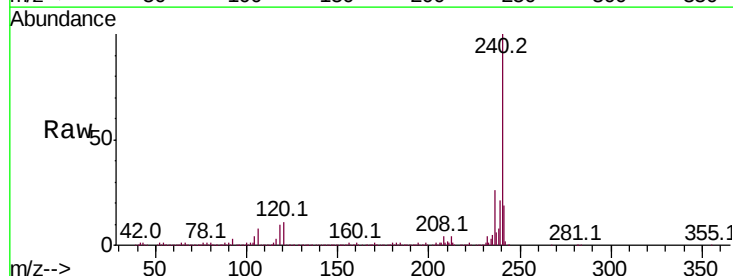
Instrument :
BNA_F
ClientSampleId :
TP-1

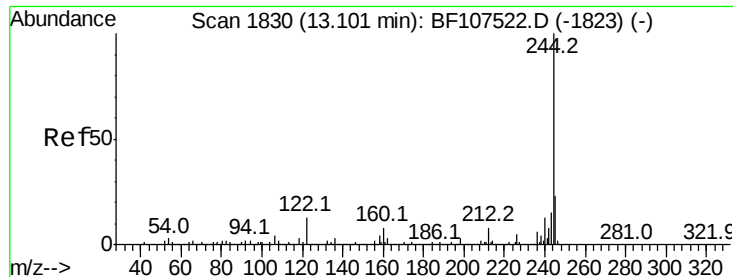
Tot Ion:188 Resp: 956047
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107650.D
Acq: 25 Jul 2018 12:11

Tgt Ion:240 Resp: 723273
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.9 20.7 31.1



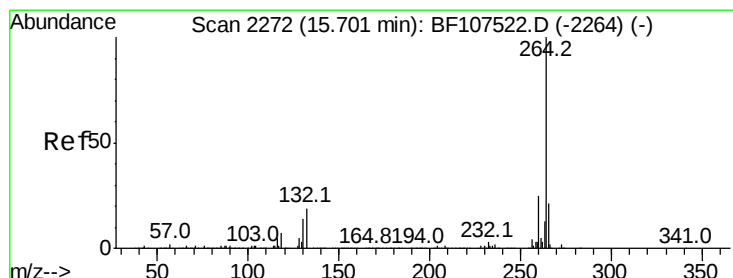
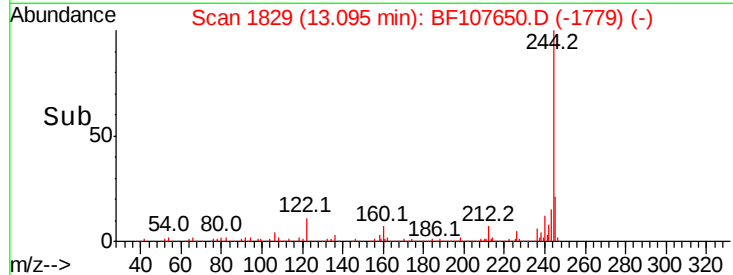
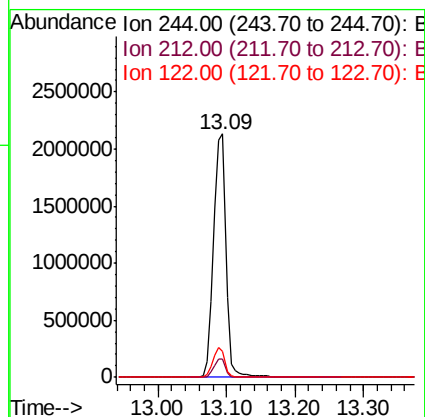
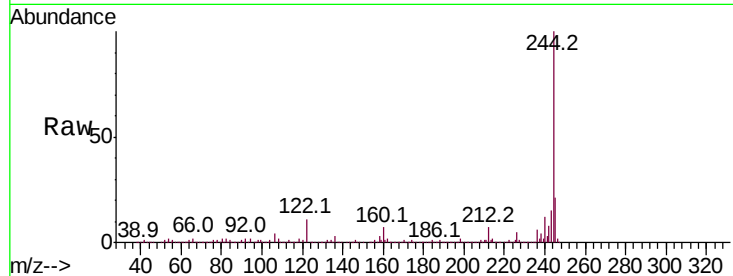


#78
 Terphenyl-d14
 Concen: 95.197 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF107650.D
 Acq: 25 Jul 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:244 Resp: 2689482

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF107650.D
 Acq: 25 Jul 2018 12:11

Tgt Ion:264 Resp: 216647

Ion	Ratio	Lower	Upper
264	100		
260	29.6	19.2	28.8
265	21.5	17.5	26.3

