

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107642.D
 Acq On : 25 Jul 2018 3:32
 Operator : JU/SJ
 Sample : J4120-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-2

Quant Time: Jul 25 08:15:21 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

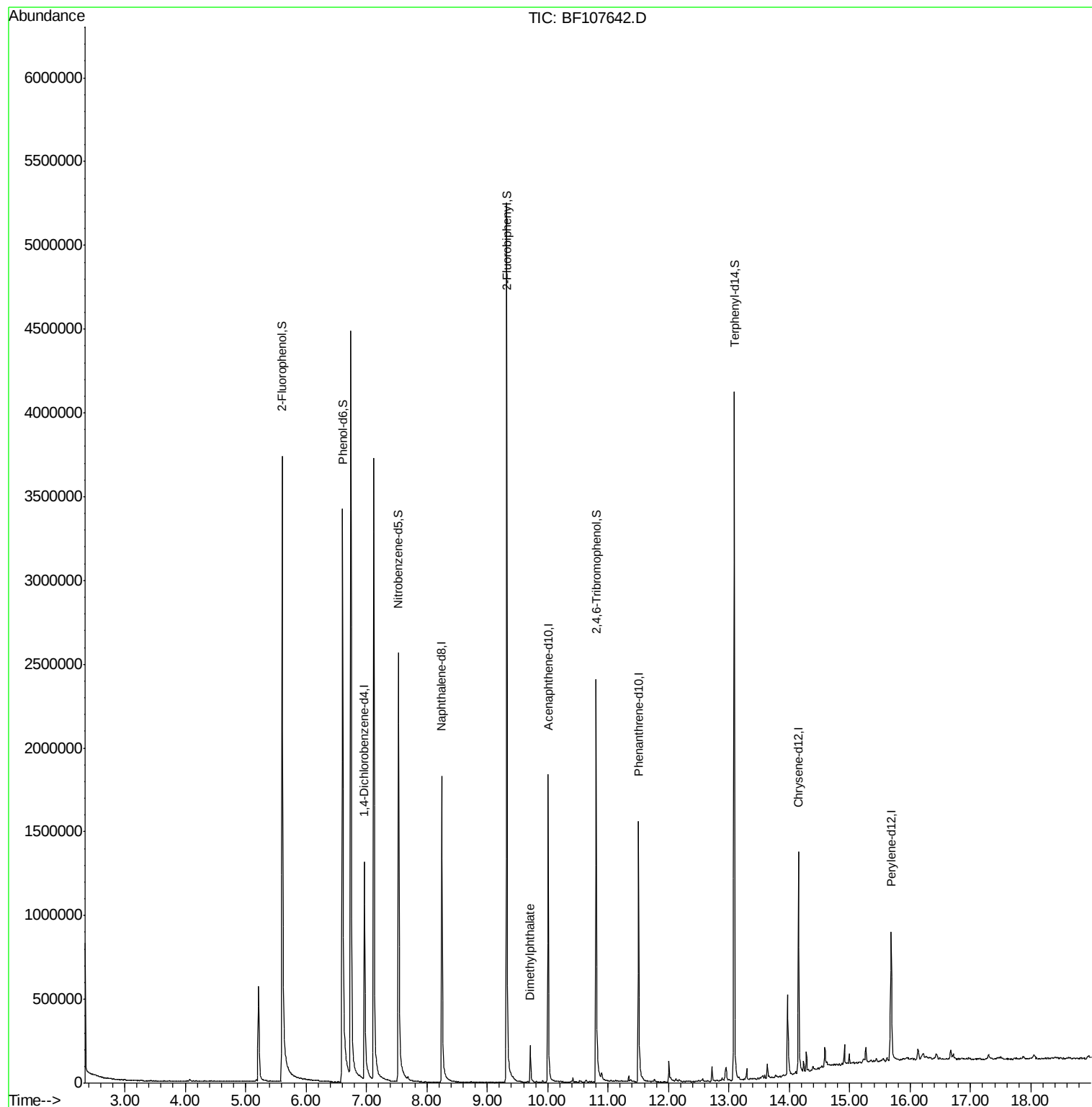
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	276419	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1021532	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	397052	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	683390	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	511995	20.00	ng	-0.01
86) Perylene-d12	15.69	264	429363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1502463	87.39	ng	0.00
7) Phenol-d6	6.61	99	1821672	88.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	1117453	73.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	372205	82.44	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1839513	77.41	ng	-0.01
78) Terphenyl-d14	13.09	244	1481566	74.08	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	102023	3.409	ng	Qvalue 98

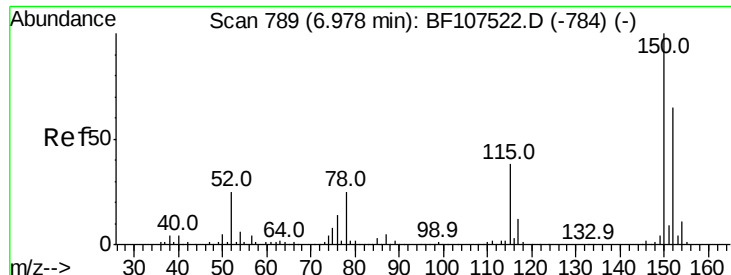
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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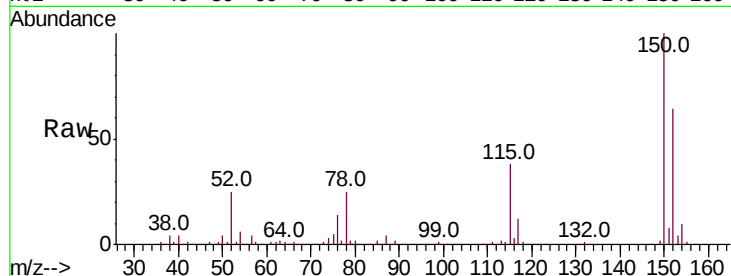


#1

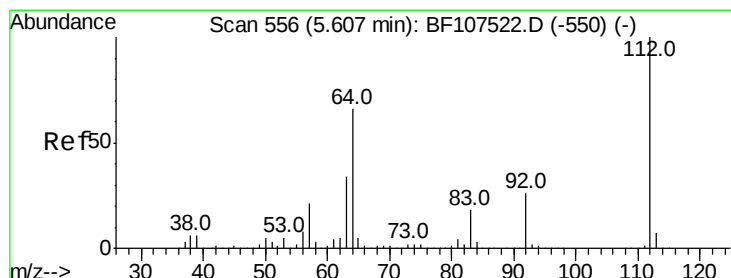
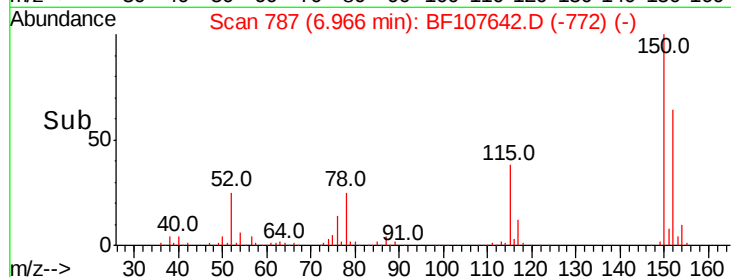
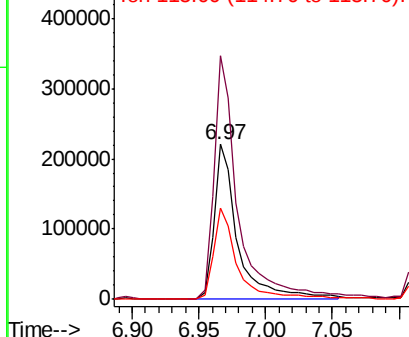
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Instrument :
 BNA_F
 ClientSampleId :
 ST-2

Tot Ion:152 Resp: 276419
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 58.9 50.1 75.1



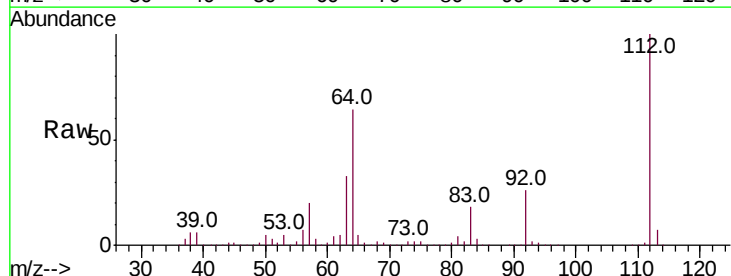
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



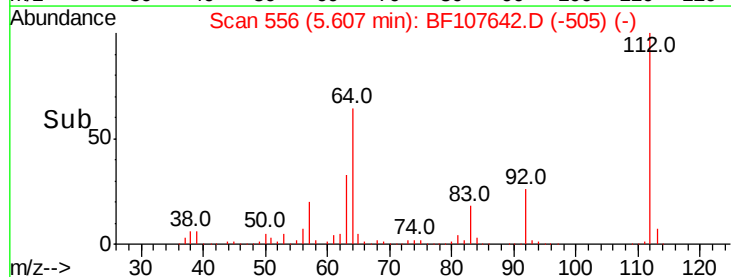
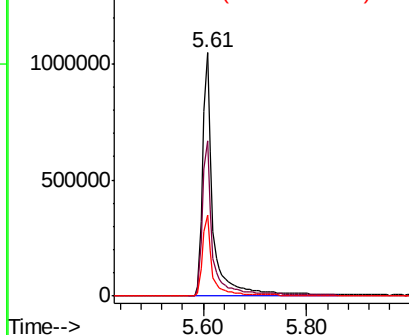
#5

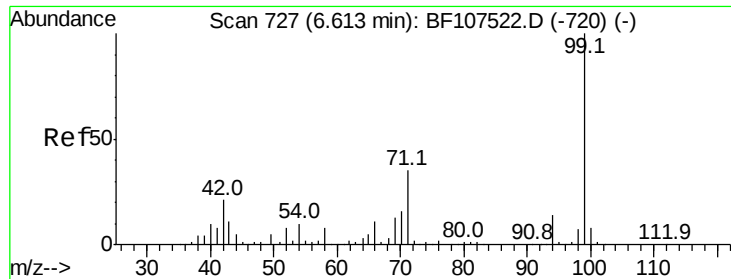
2-Fluorophenol
 Concen: 87.392 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Tgt Ion:112 Resp: 1502463
 Ion Ratio Lower Upper
 112 100
 64 63.6 47.9 71.9
 63 33.3 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: 88.245 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Instrument :

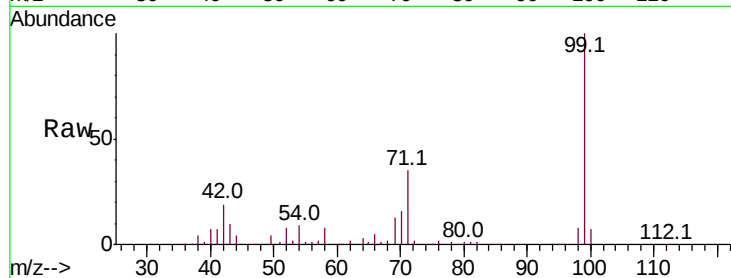
BNA_F

ClientSampleId :

ST-2

Tot Ion: 99 Resp: 1821672

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.7	25.4	38.0

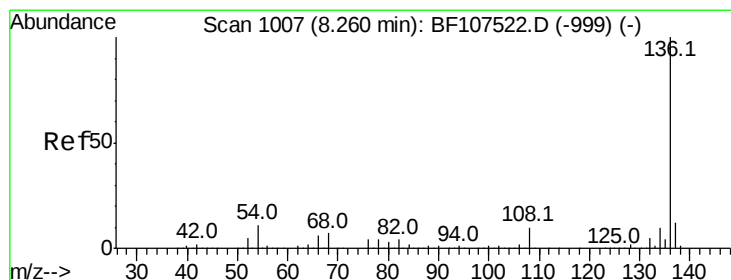
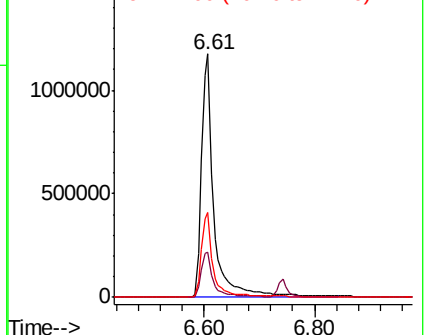
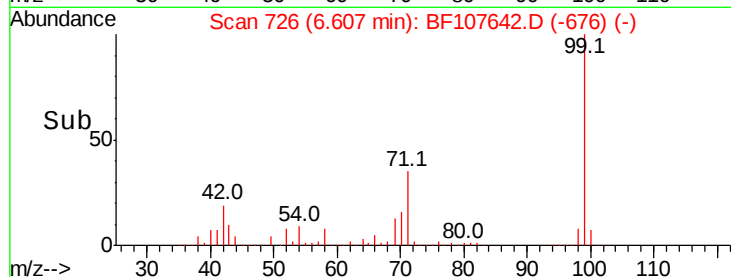


Abundance

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: 8.25 min Scan# 1005

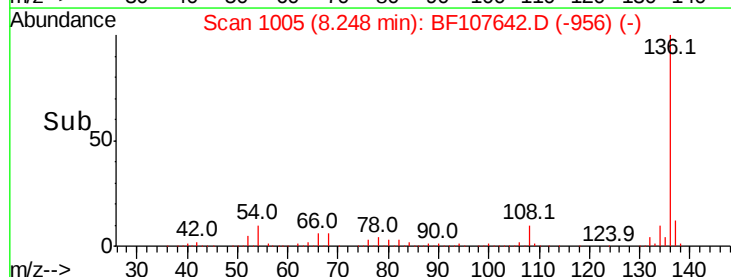
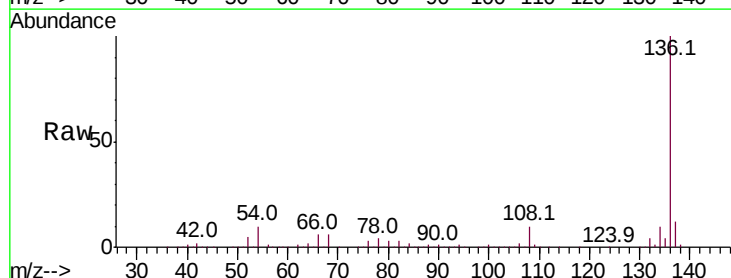
Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Tgt Ion: 136 Resp: 1021532

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4



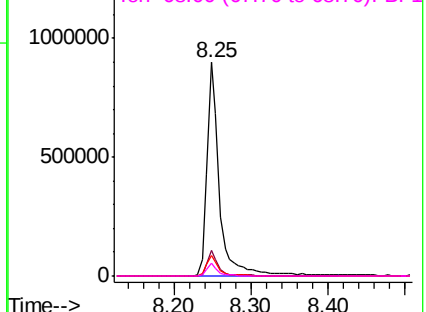
Abundance

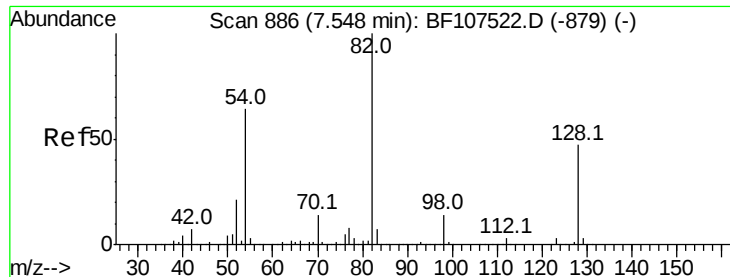
Ion 136.00 (135.70 to 136.70): E

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

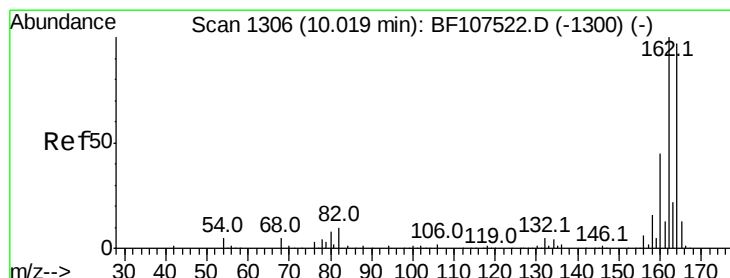
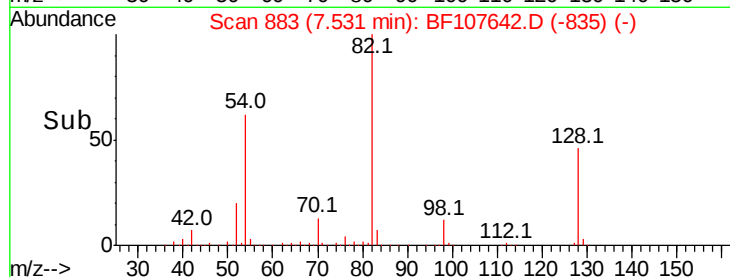
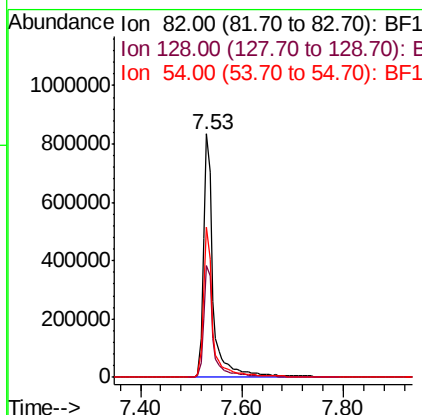
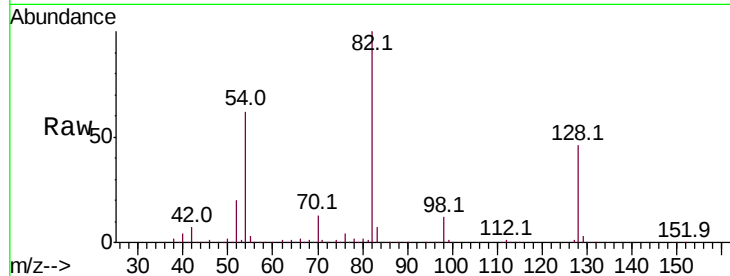




#23
 Nitrobenzene-d5
 Concen: 73.825 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

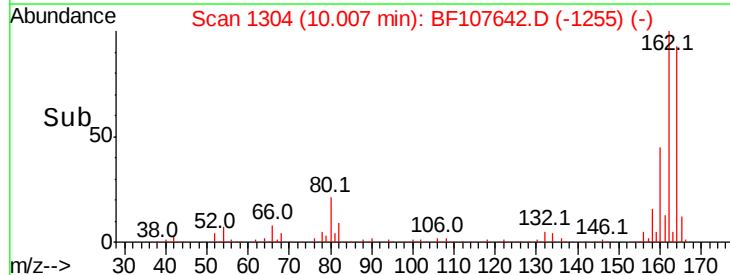
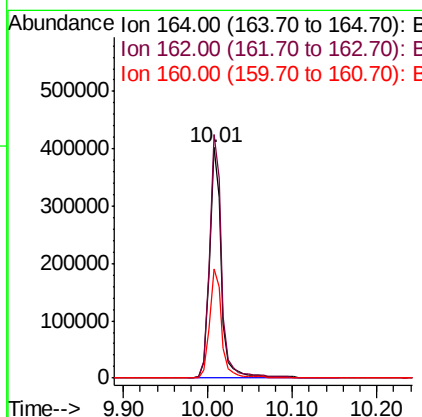
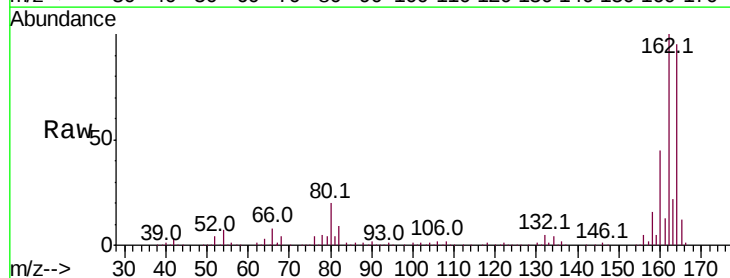
Instrument :
 BNA_F
 ClientSampleId :
 ST-2

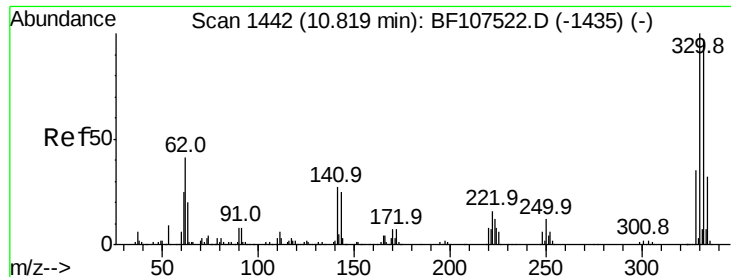
Tot Ion: 82 Resp: 1117453
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 61.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Tgt Ion: 164 Resp: 397052
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 47.6 38.3 57.5

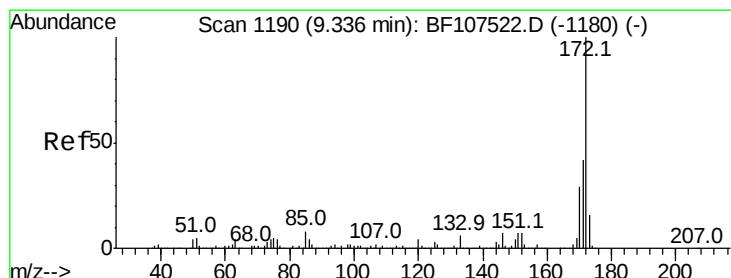
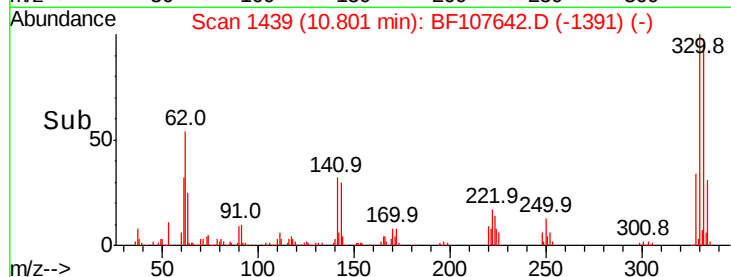
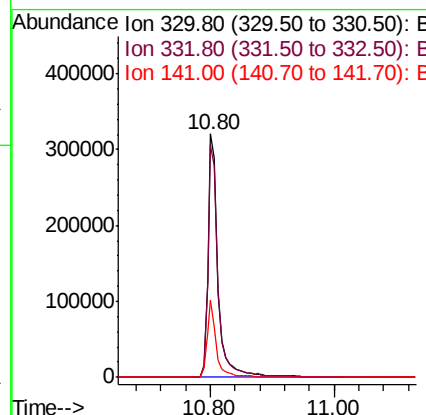
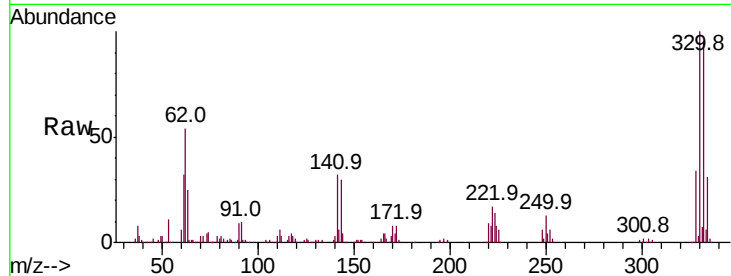




#41
 2,4,6-Tribromophenol
 Concen: 82.436 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

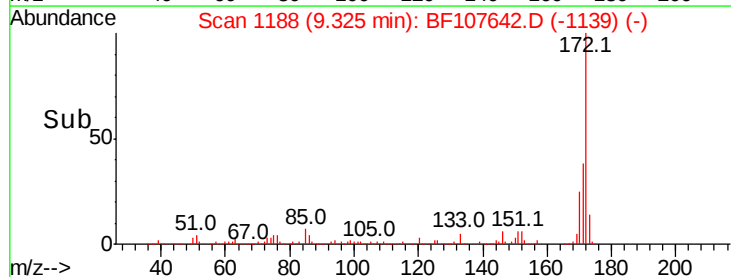
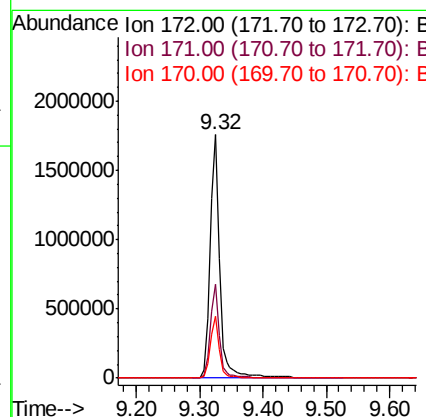
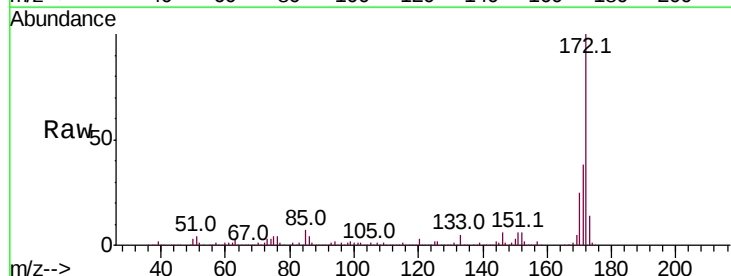
Instrument :
 BNA_F
 ClientSampled :
 ST-2

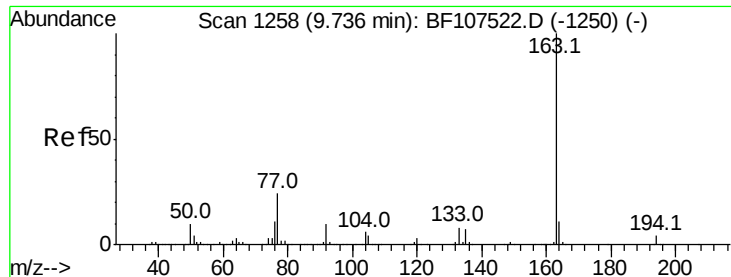
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.414 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.5	19.6	29.4

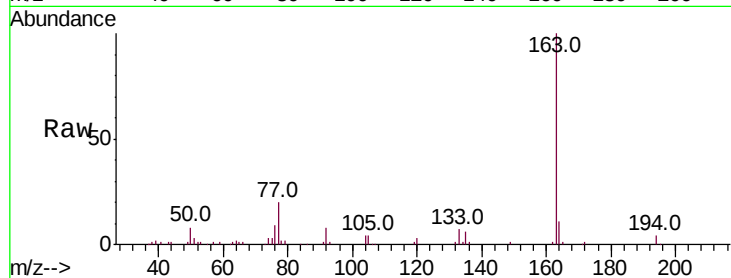




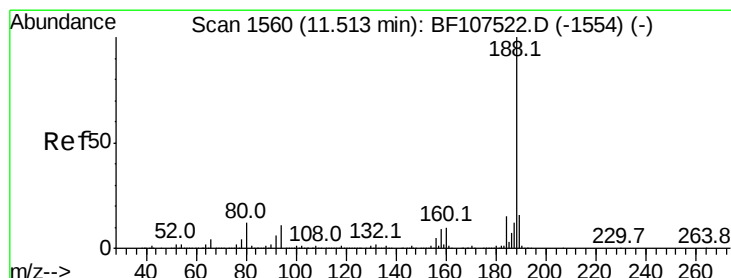
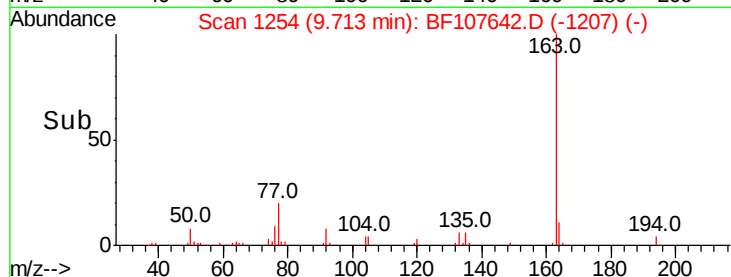
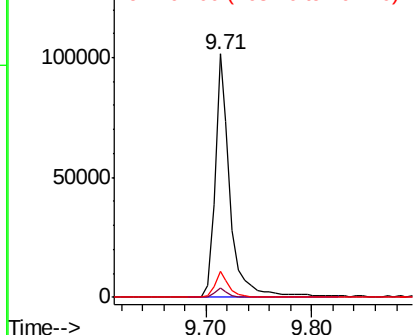
#49
Dimethylphthalate
Concen: 3.409 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampled :
ST-2

Tot Ion:163 Resp: 102023
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 8.2 12.2

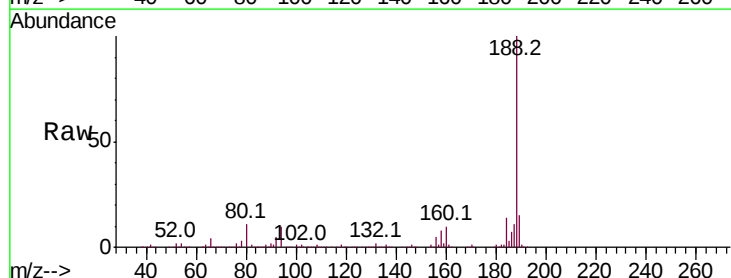


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

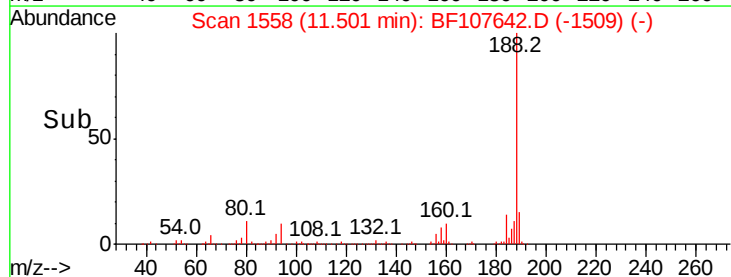
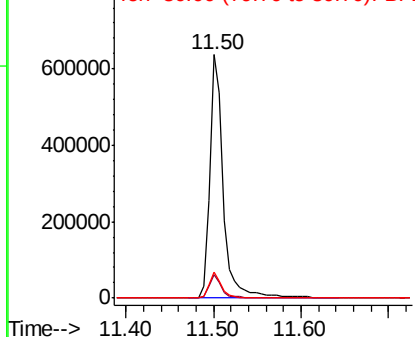


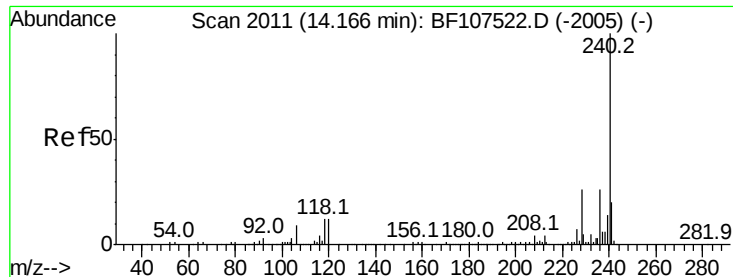
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:188 Resp: 683390
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.7 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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

Instrument :

BNA_F

ClientSampleId :

ST-2

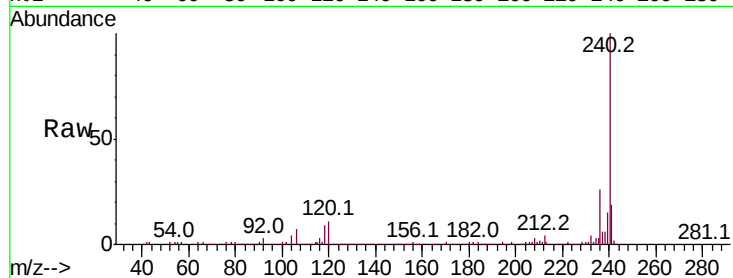
Tot Ion:240 Resp: 511995

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1

240 100

120 10.9 9.5 14.3

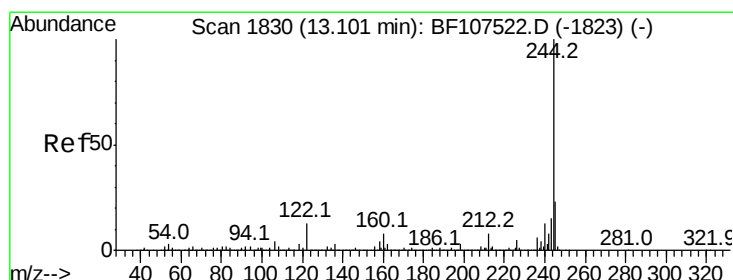
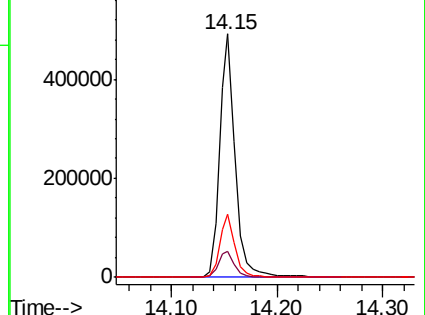
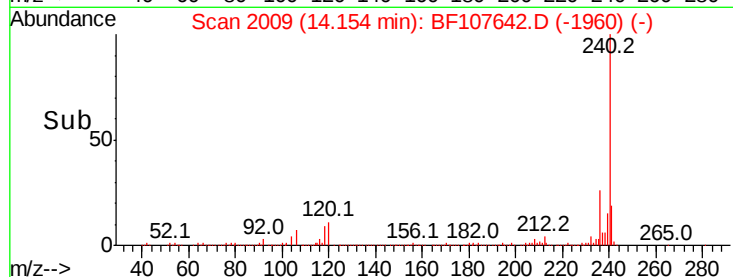
236 26.2 20.7 31.1



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: 74.082 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107642.D

Acq: 25 Jul 2018 3:32

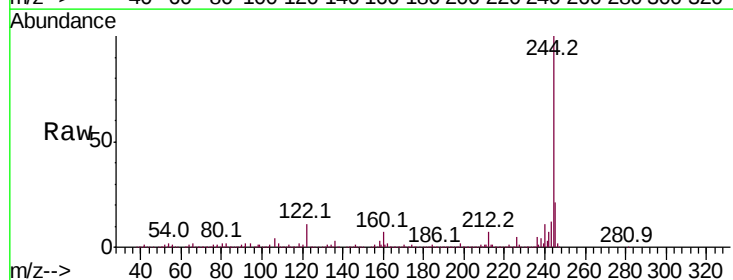
Tgt Ion:244 Resp: 1481566

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.4	11.0	16.4

244 100

212 7.1 5.4 8.0

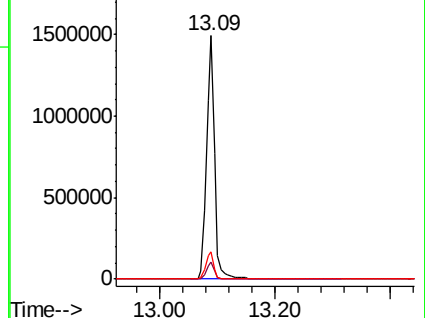
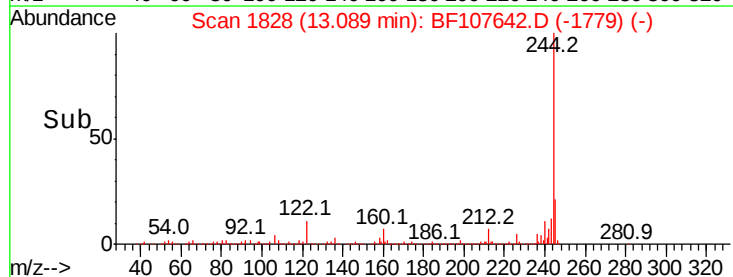
122 11.4 11.0 16.4

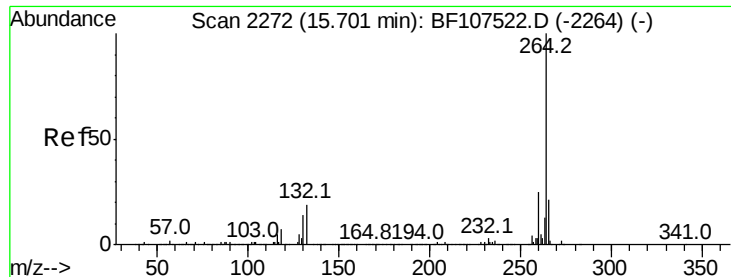


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107642.D
 Acq: 25 Jul 2018 3:32

Instrument :
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 ClientSampleId :
 ST-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3

