

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107633.D
 Acq On : 24 Jul 2018 21:40
 Operator : JU/SJ
 Sample : J4011-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3

Quant Time: Jul 25 04:29:11 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

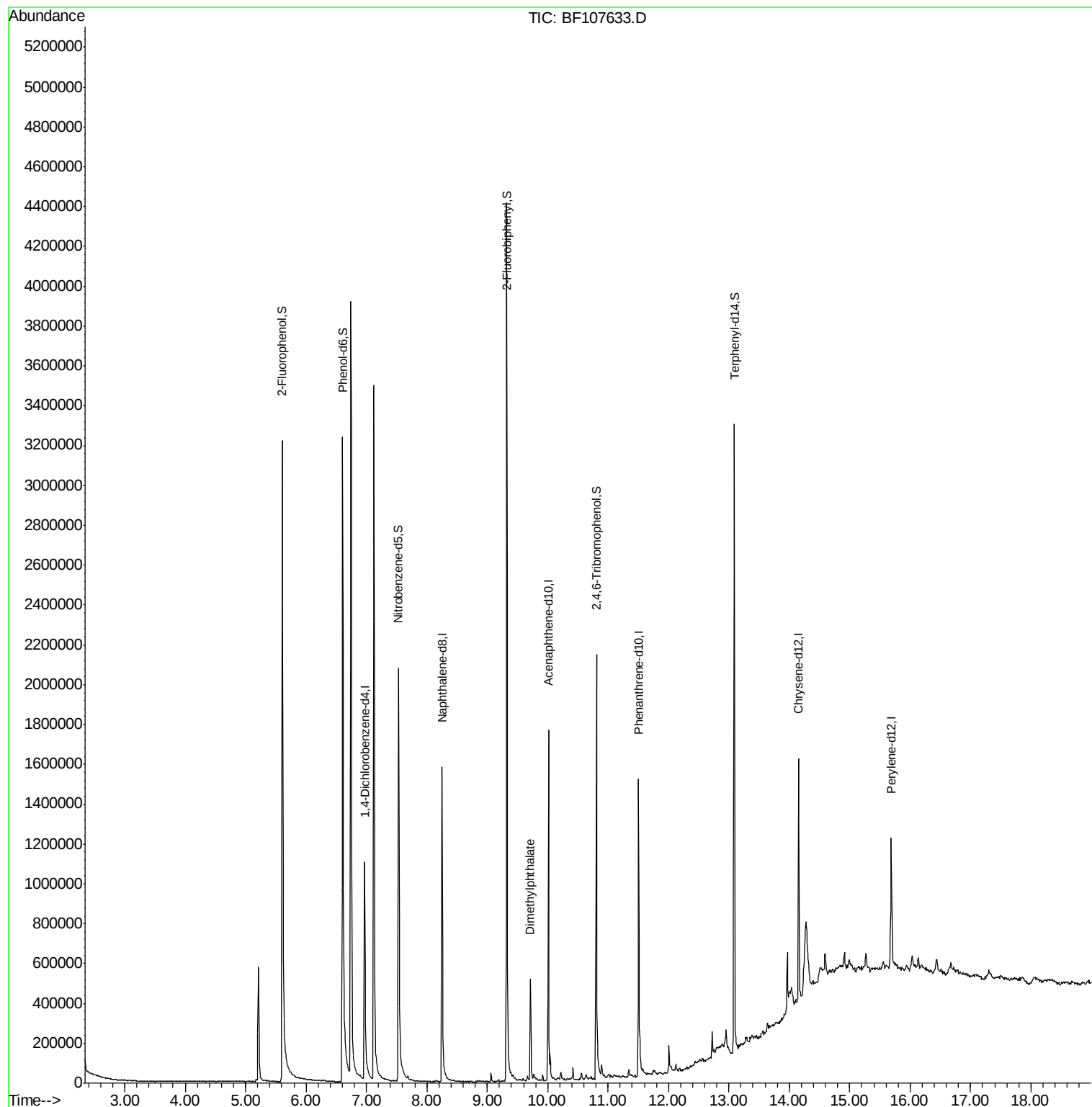
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	244080	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	919470	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	366279	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	625934	20.00	ng	0.00
75) Chrysene-d12	14.15	240	473558	20.00	ng	-0.01
86) Perylene-d12	15.69	264	385805	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1269915	83.65	ng	0.00
7) Phenol-d6	6.61	99	1590867	87.27	ng	0.00
23) Nitrobenzene-d5	7.53	82	929817	68.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	333055	79.96	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1535621	67.84	ng	-0.01
78) Terphenyl-d14	13.09	244	1115232	60.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	241207	8.738	ng	99

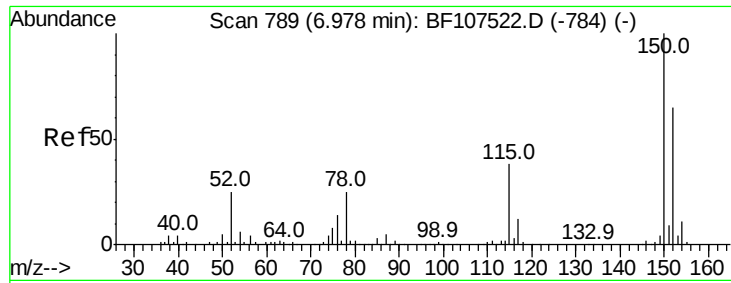
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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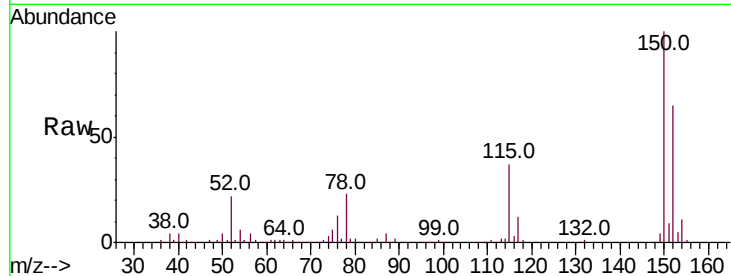


#1

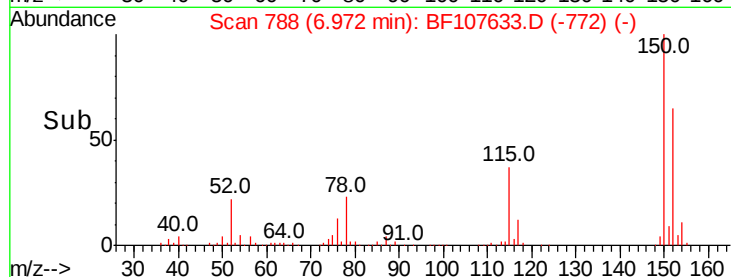
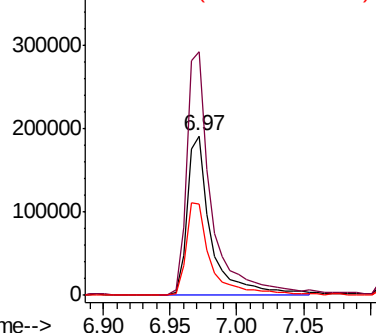
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3

Tot Ion:152 Resp: 244080
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 57.2 50.1 75.1



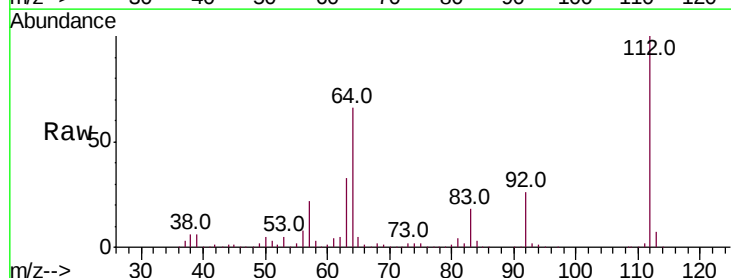
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



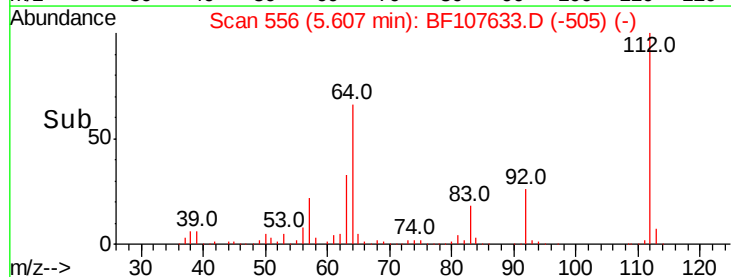
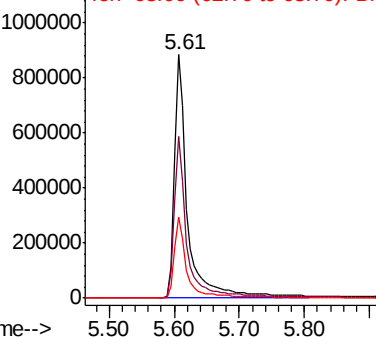
#5

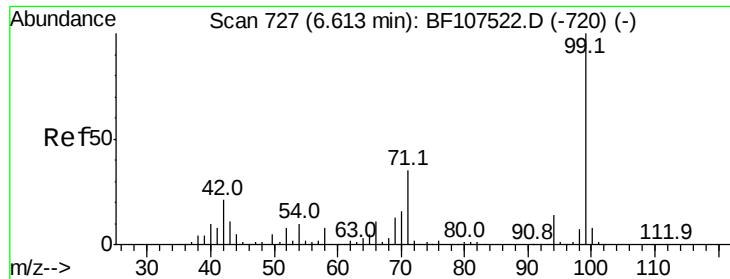
2-Fluorophenol
Concen: 83.652 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

Tgt Ion:112 Resp: 1269915
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 33.2 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: 87.275 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107633.D

Acq: 24 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3

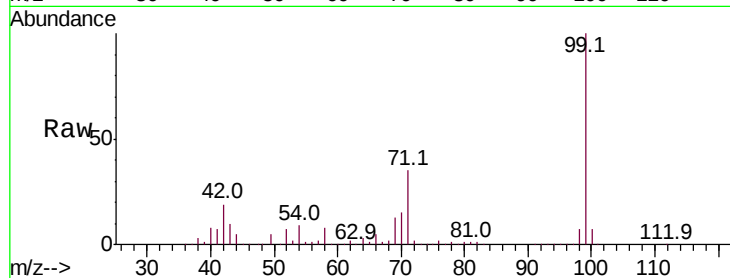
Tot Ion: 99 Resp: 1590867

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.0	25.4	38.0

99 100

42 19.1 14.5 21.7

71 35.0 25.4 38.0

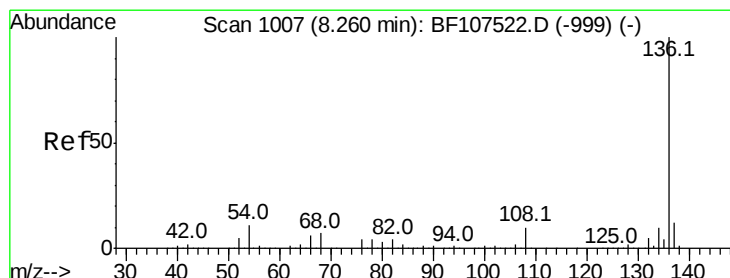
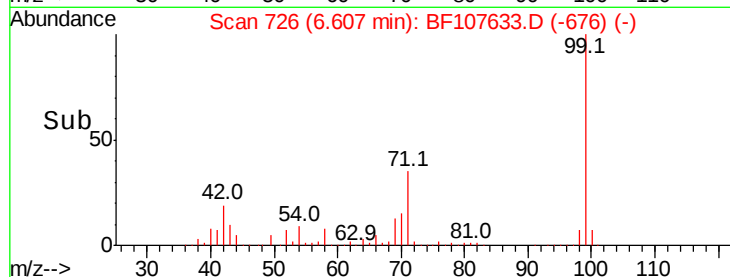
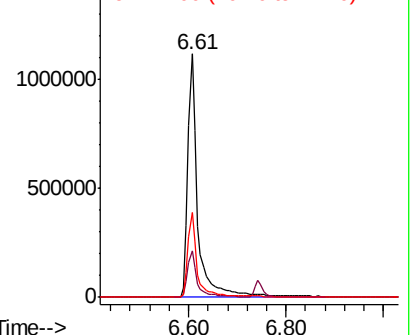


Abundance

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# 1006

Delta R.T. -0.01 min

Lab File: BF107633.D

Acq: 24 Jul 2018 21:40

Tgt Ion: 136 Resp: 919470

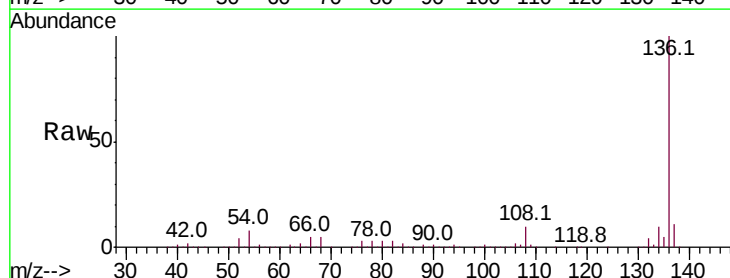
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	5.4	5.0	7.4

136 100

137 10.7 8.9 13.3

54 8.4 6.6 9.8

68 5.4 5.0 7.4



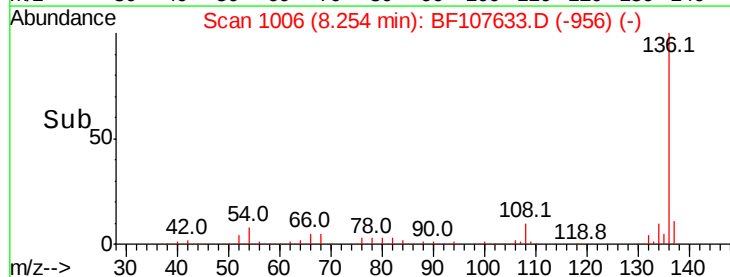
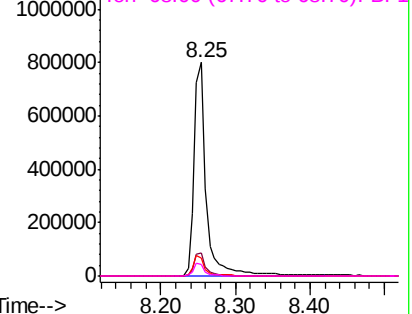
Abundance

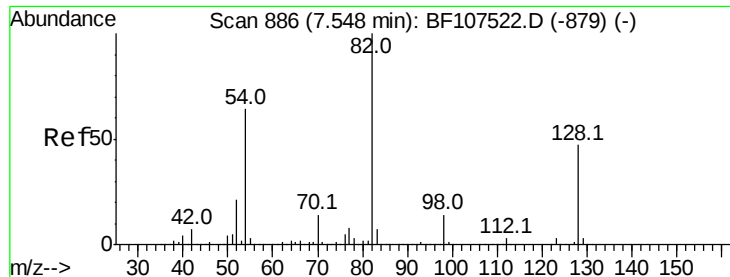
Ion 136.00 (135.70 to 136.70): E

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

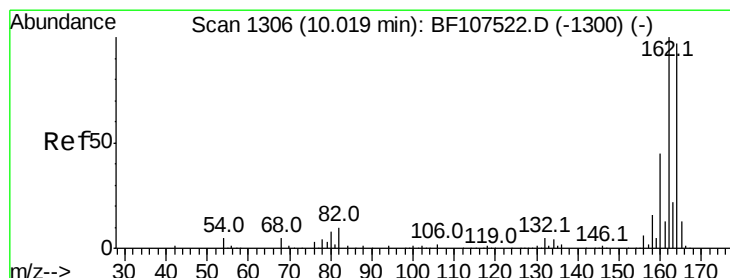
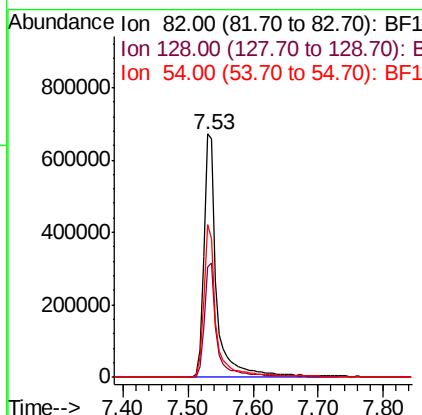
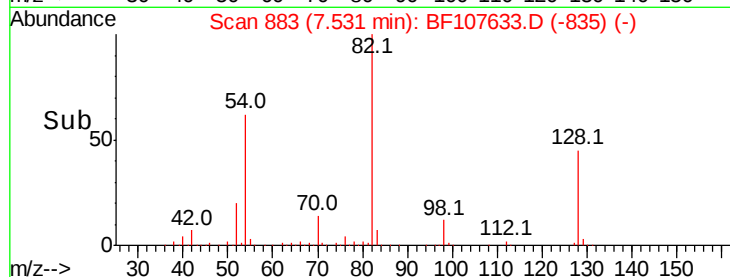
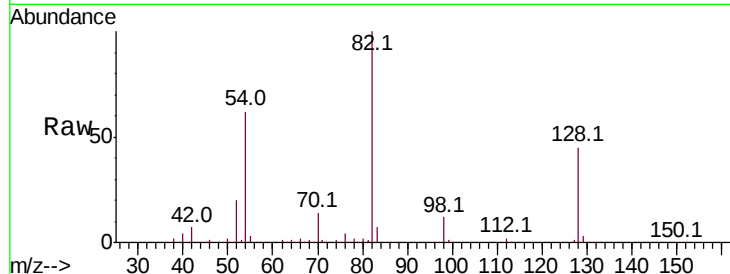




#23
Nitrobenzene-d5
Concen: 68.247 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

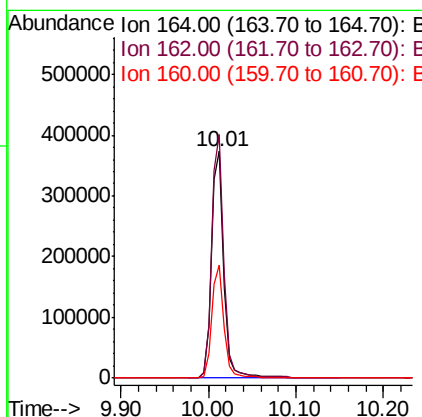
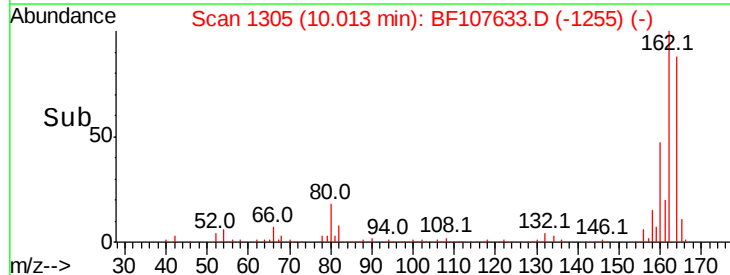
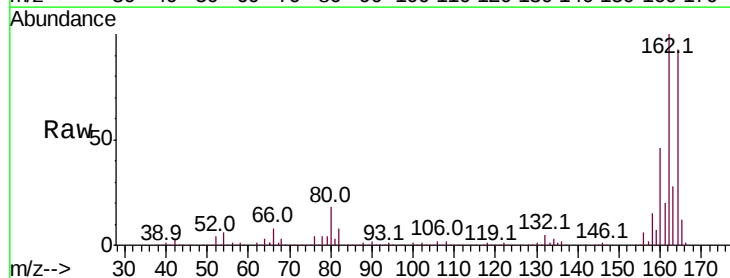
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3

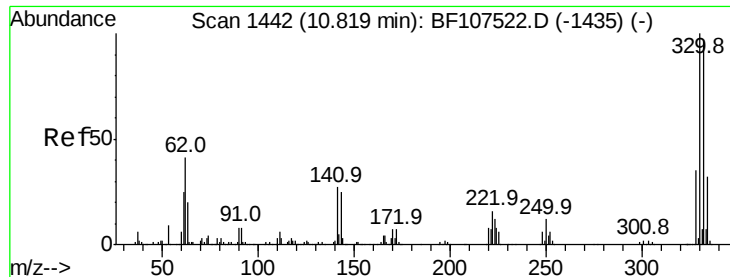
Tot Ion: 82 Resp: 929817
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 62.5 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

Tgt Ion:164 Resp: 366279
Ion Ratio Lower Upper
164 100
162 107.4 86.1 129.1
160 49.9 38.3 57.5

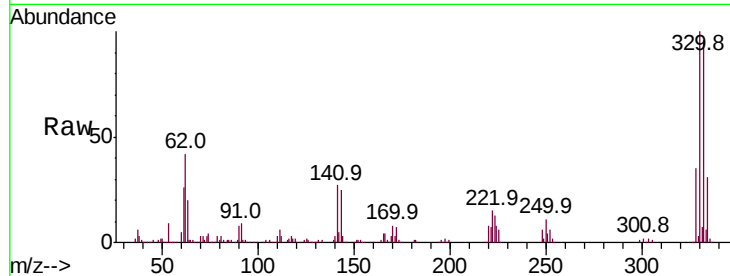




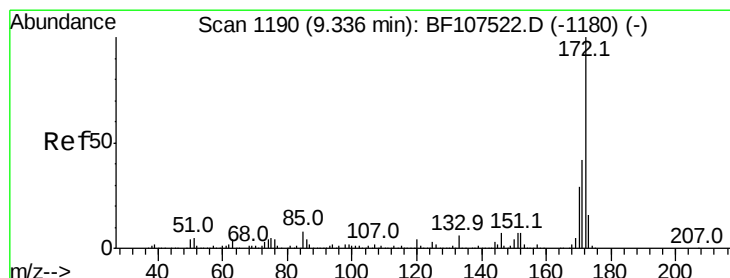
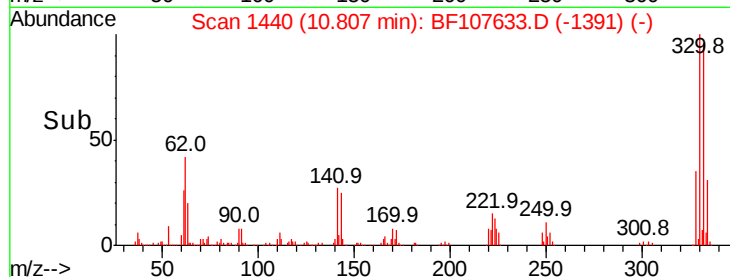
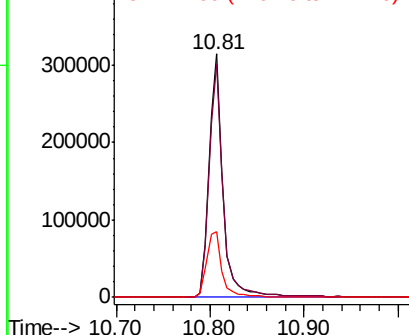
#41
 2,4,6-Tribromophenol
 Concen: 79.962 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107633.D
 Acq: 24 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	30.1	29.9	44.9

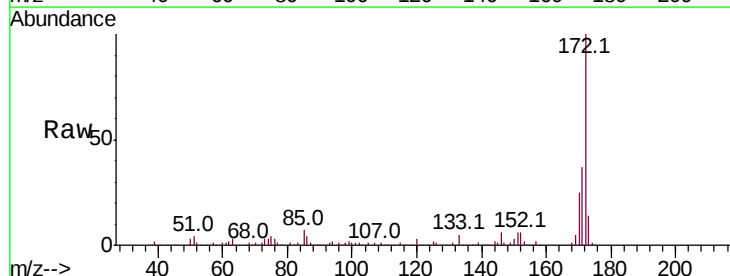


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

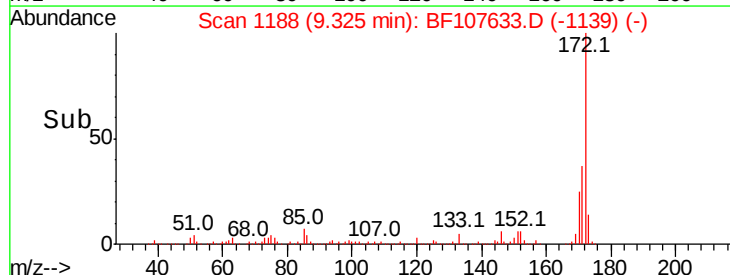
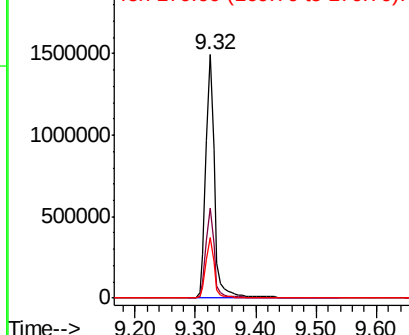


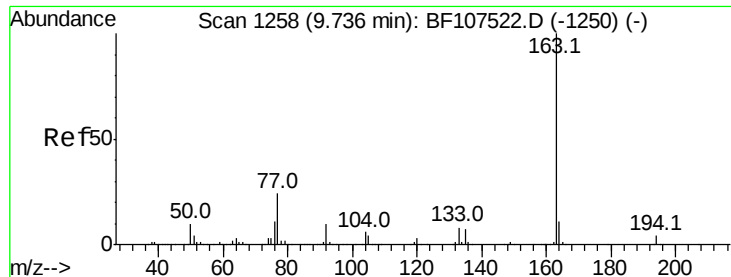
#44
 2-Fluorobiphenyl
 Concen: 67.842 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107633.D
 Acq: 24 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	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

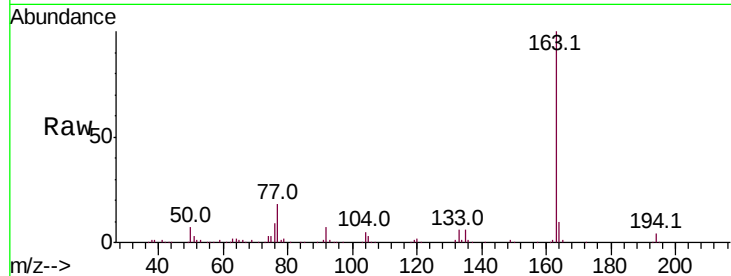




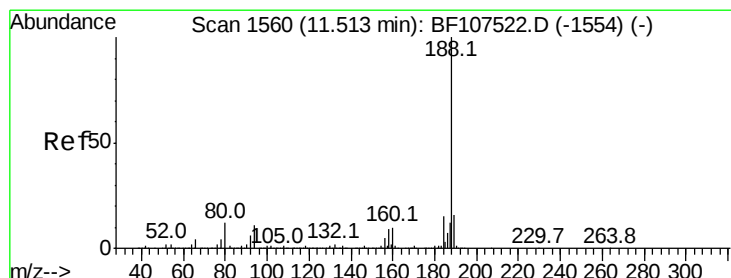
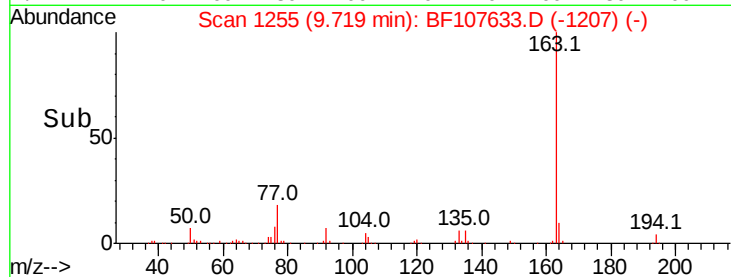
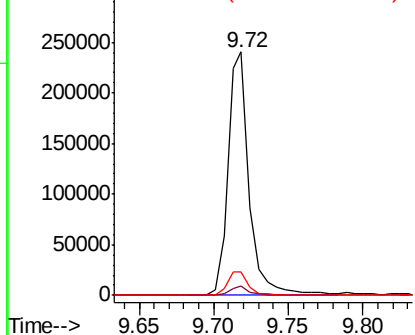
#49
Dimethylphthalate
Concen: 8.738 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3

Tot Ion:163 Resp: 241207
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2

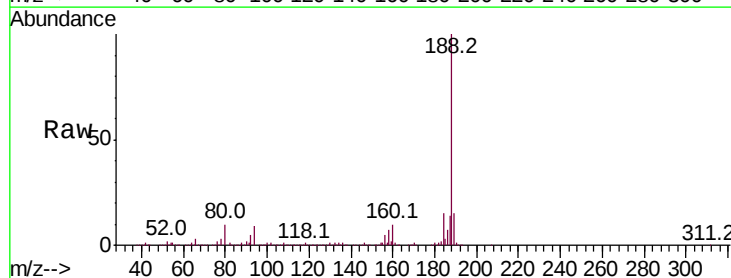


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

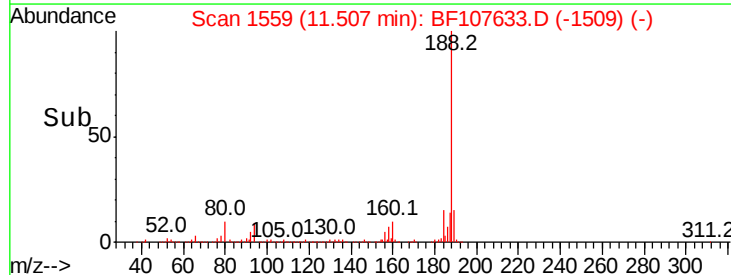
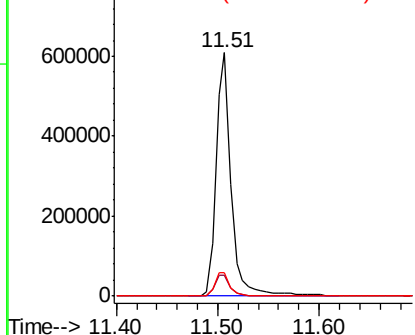


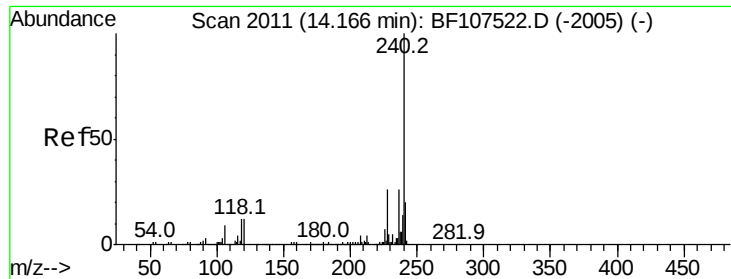
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

Tgt Ion:188 Resp: 625934
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.7 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: BF107633.D

Acq: 24 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3

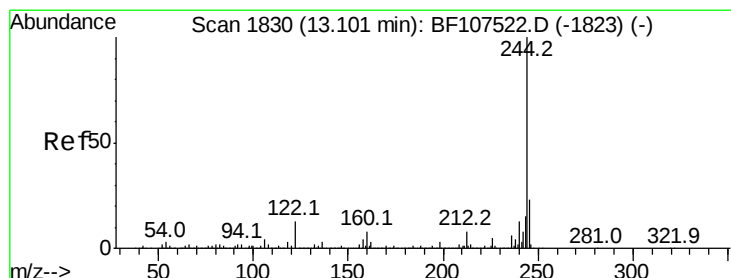
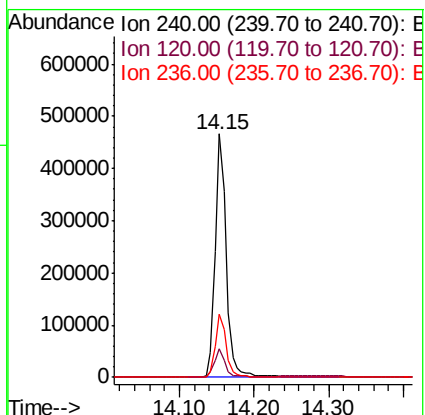
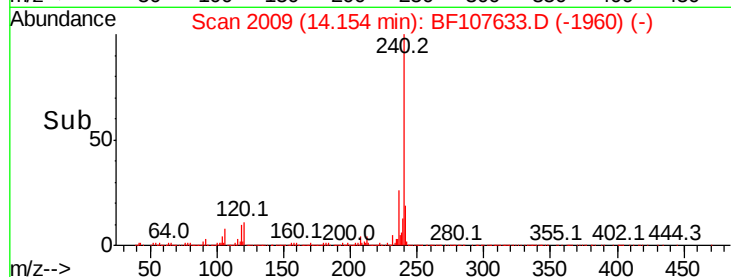
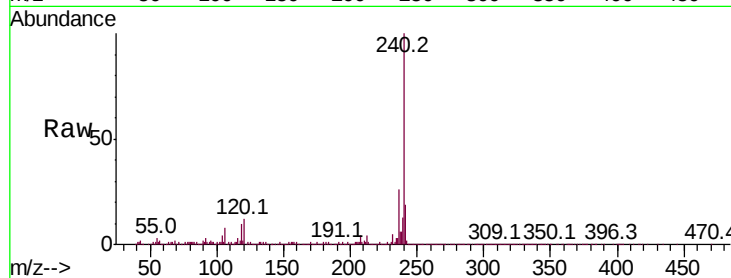
Tot Ion:240 Resp: 473558

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

236 26.2 20.7 31.1



#78

Terphenyl-d14

Concen: 60.290 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107633.D

Acq: 24 Jul 2018 21:40

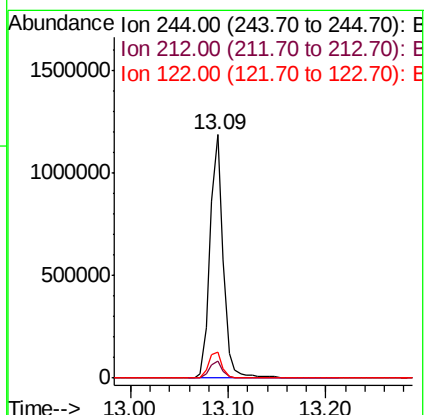
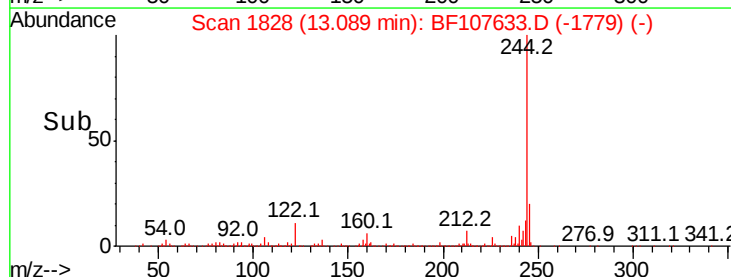
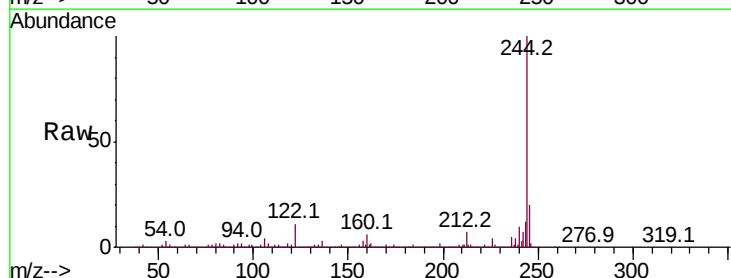
Tgt Ion:244 Resp: 1115232

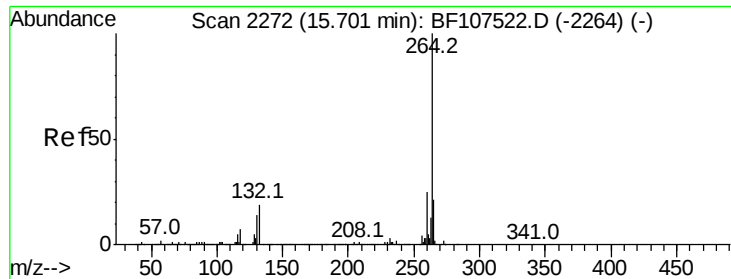
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 10.6 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107633.D
Acq: 24 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

