

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107441.D
 Acq On : 17 Jul 2018 11:33
 Operator : JU/SJ
 Sample : J3545-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-IDL

Quant Time: Jul 17 13:59:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

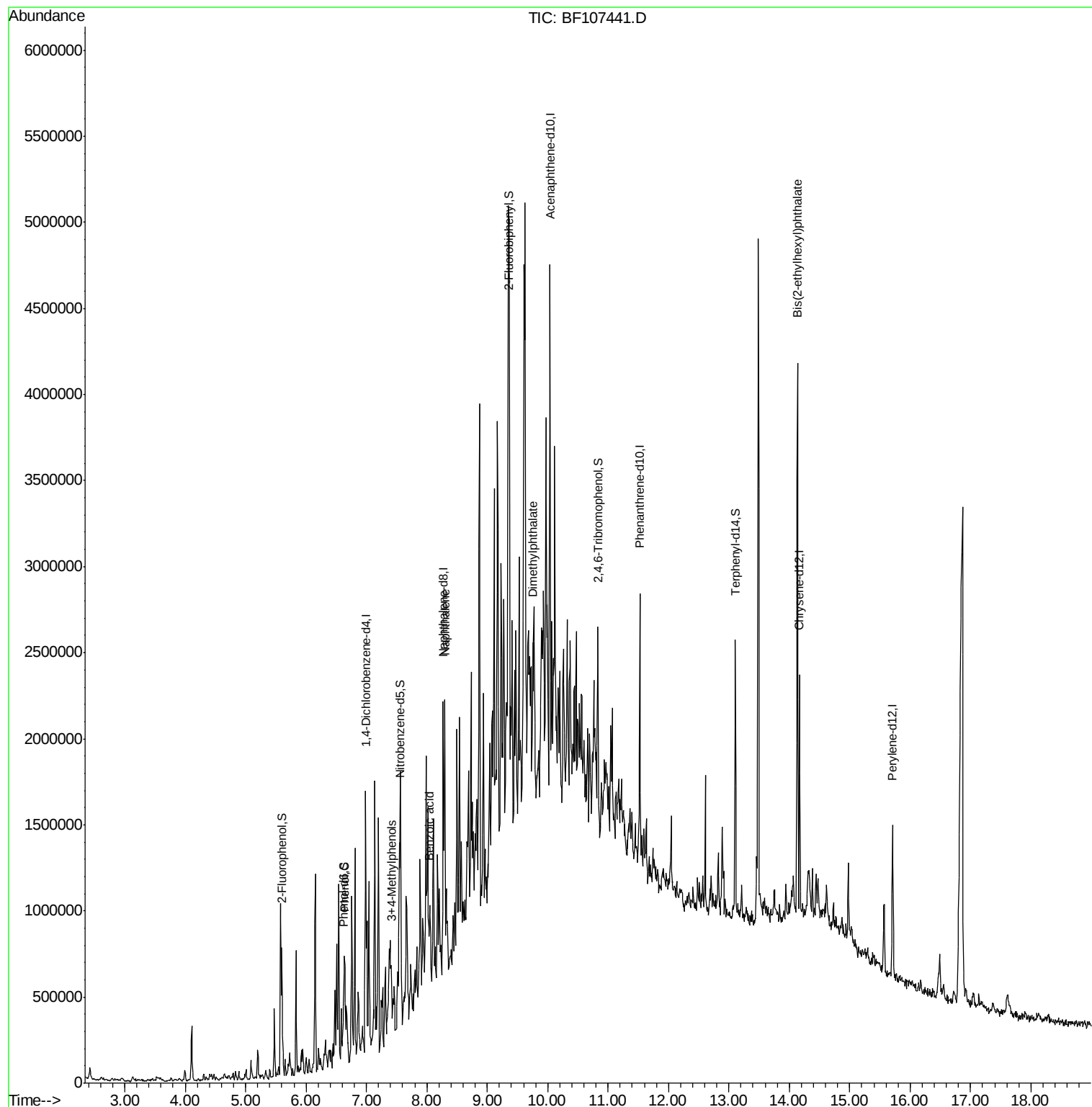
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136256	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	577898	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	250405	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	556142	20.00	ng	0.00
75) Chrysene-d12	14.17	240	427640	20.00	ng	0.00
86) Perylene-d12	15.71	264	407772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	146601	16.34	ng	0.00
7) Phenol-d6	6.62	99	105688	9.11	ng	0.02
23) Nitrobenzene-d5	7.54	82	289373	26.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	80955	36.80	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	397243	17.89	ng	0.00
78) Terphenyl-d14	13.11	244	468076	27.20	ng	0.00
Target Compounds						
10) Phenol	6.64	94	263938	21.224	ng	79
20) 3+4-Methylphenols	7.41	107	91549	8.354	ng	# 84
31) Naphthalene	8.29	128	71853	2.560	ng	# 88
32) Benzoic acid	8.05	122	55037	10.387	ng	# 84
49) Dimethylphthalate	9.75	163	46484	2.336	ng	# 49
83) Bis(2-ethylhexyl)phthalate	14.14	149	670396	44.165	ng	96

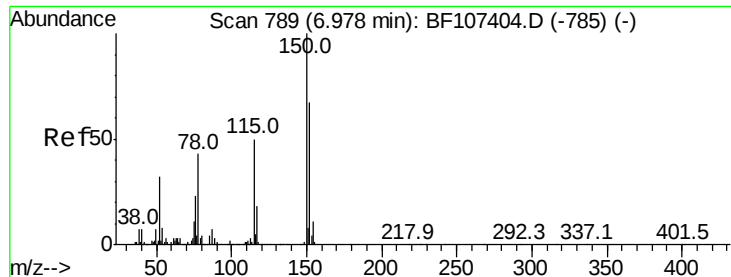
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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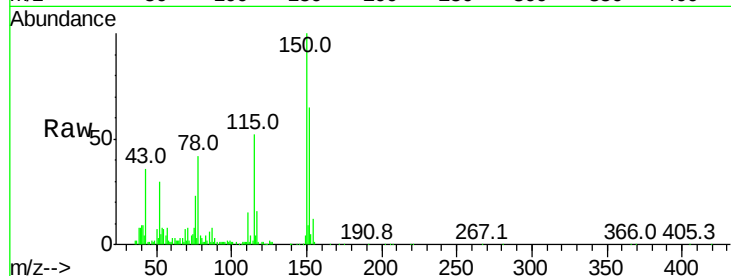


#1

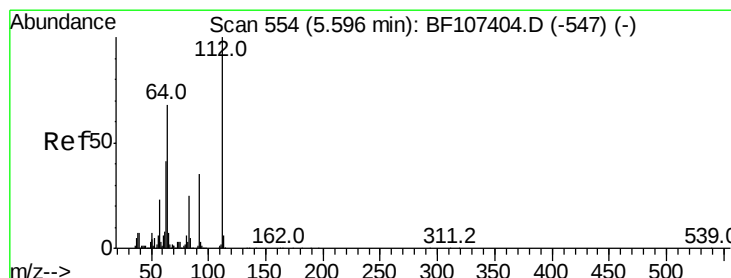
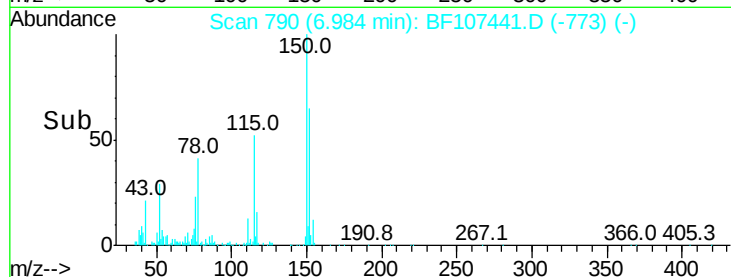
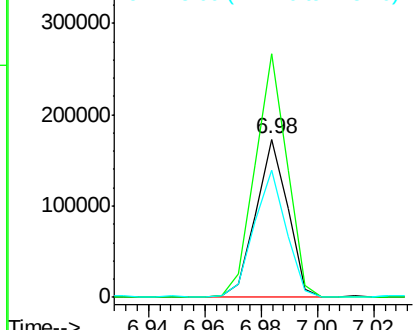
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107441.D
 Acq: 17 Jul 2018 11:33

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	80.9	50.1	75.1#



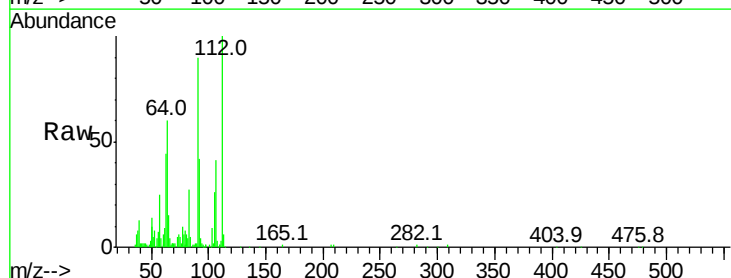
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



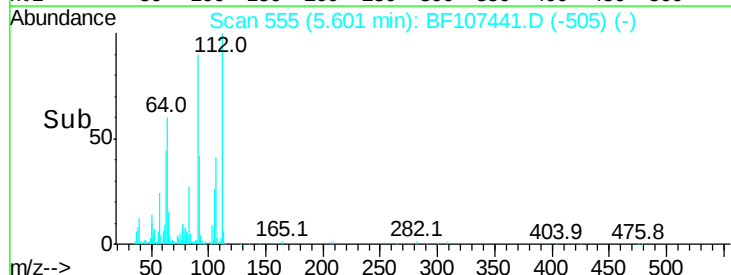
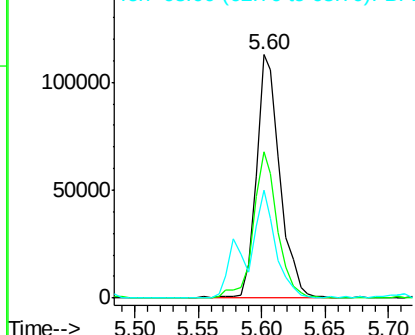
#5

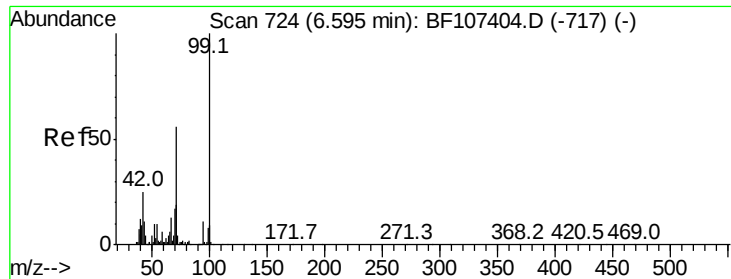
2-Fluorophenol
 Concen: 16.341 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107441.D
 Acq: 17 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	44.1	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: 9.112 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

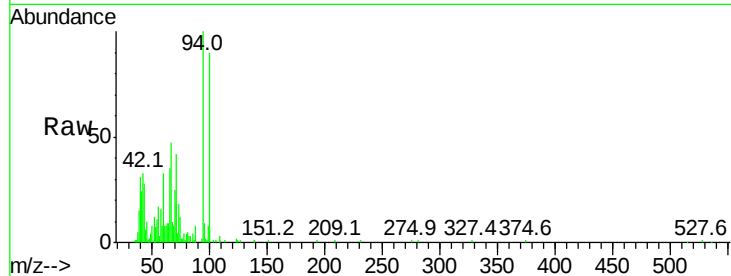
Tot Ion: 99 Resp: 105688

Ion Ratio Lower Upper

99 100

42 36.4 14.5 21.7#

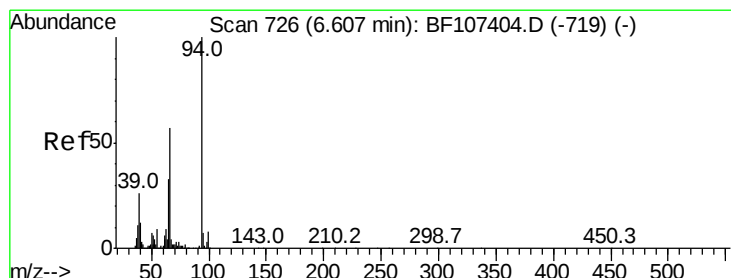
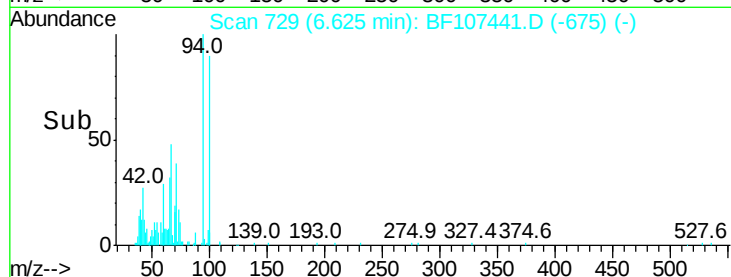
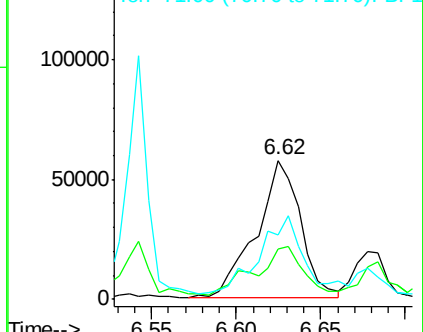
71 46.3 25.4 38.0#



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



#10

Phenol

Concen: 21.224 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

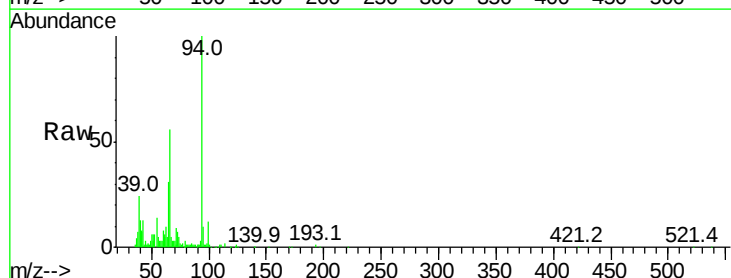
Tgt Ion: 94 Resp: 263938

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

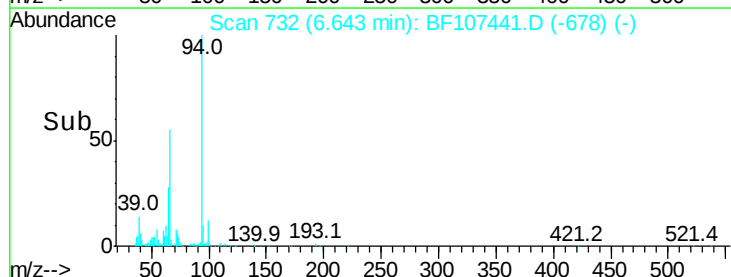
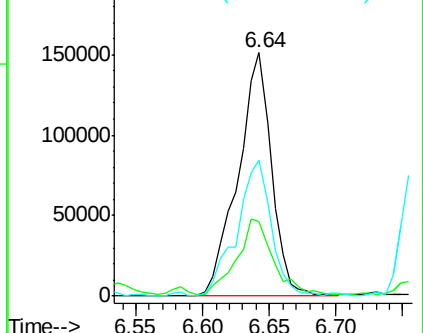
66 56.0 16.2 56.2

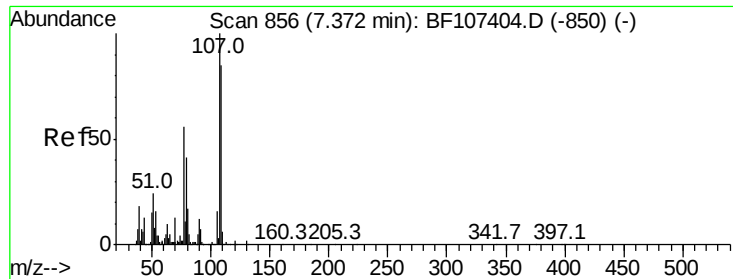


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

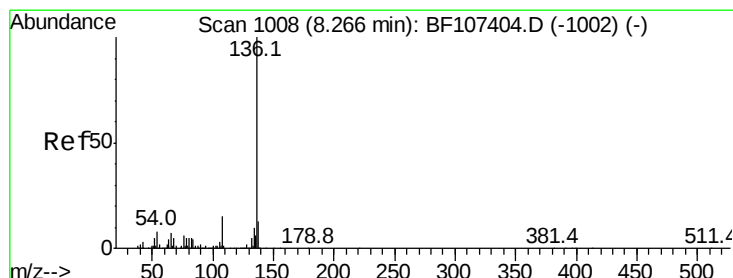
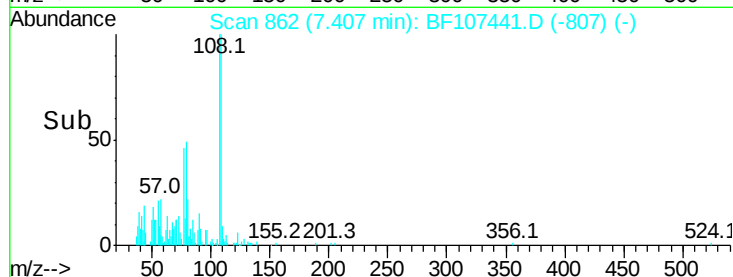
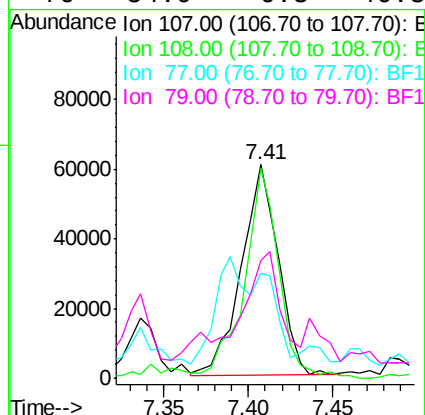
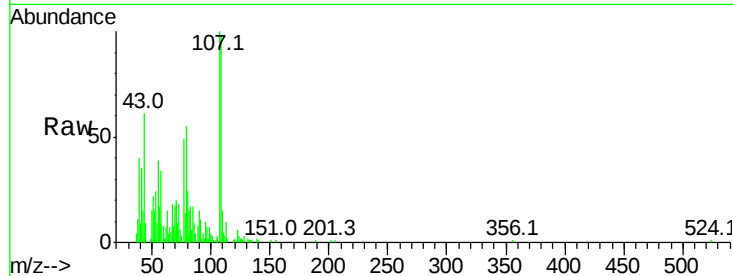




#20
3+4-Methylphenols
Concen: 8.354 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

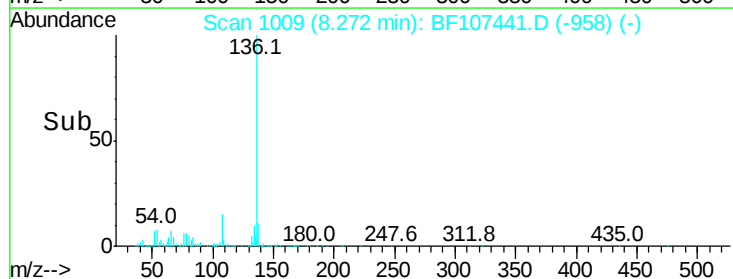
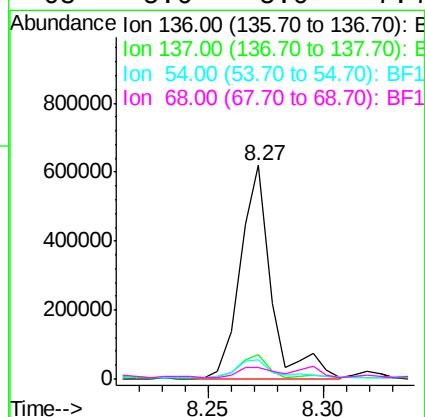
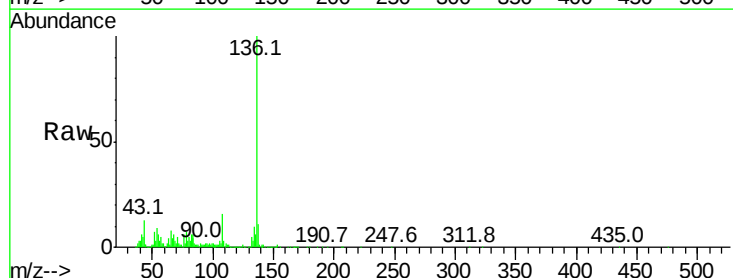
Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

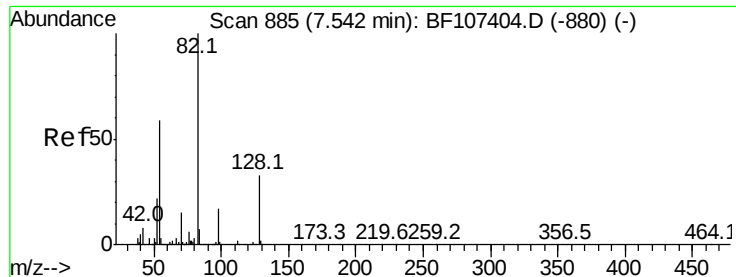
Tot Ion:107 Resp: 91549
Ion Ratio Lower Upper
107 100
108 98.1 68.2 108.2
77 48.9 26.7 66.7
79 54.9 6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:136 Resp: 577898
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.3 6.6 9.8
68 5.6 5.0 7.4

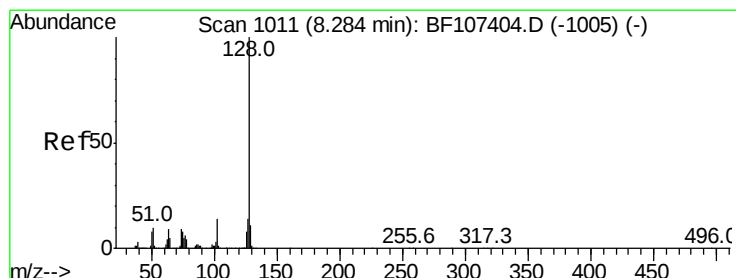
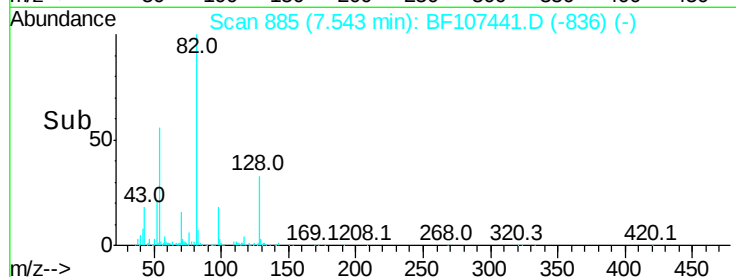
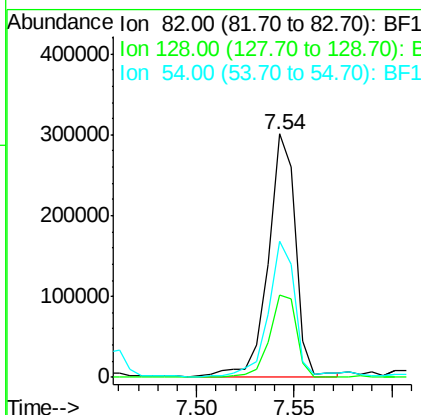
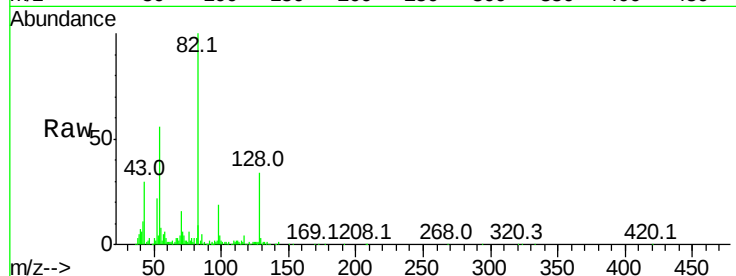




#23
 Nitrobenzene-d5
 Concen: 26.701 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107441.D
 Acq: 17 Jul 2018 11:33

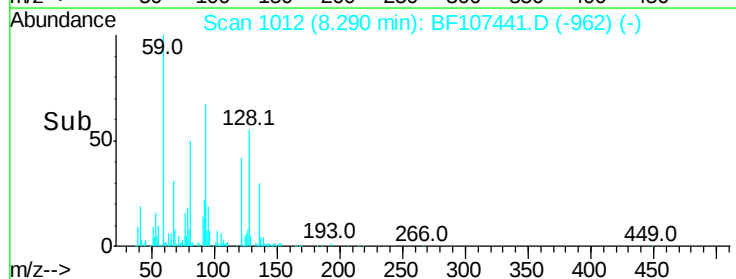
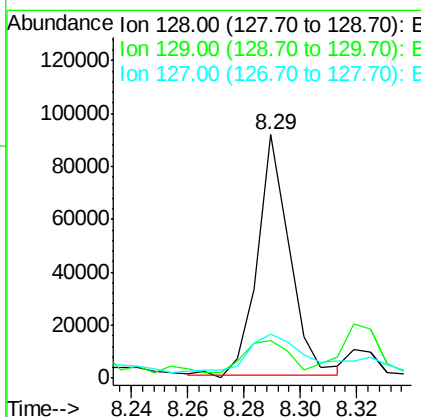
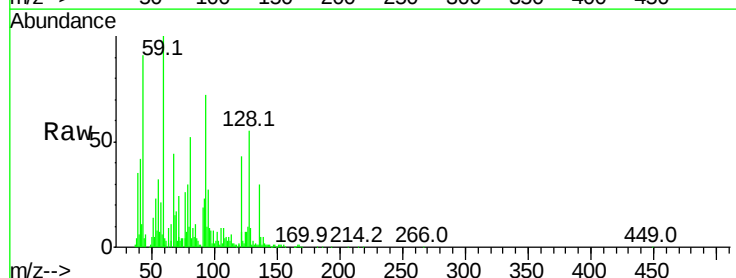
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1DL

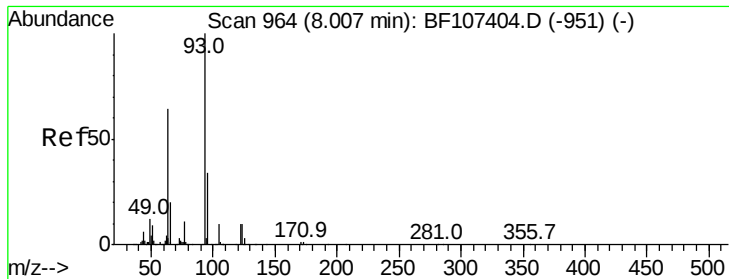
Tot Ion	82	Resp	289373
Ion Ratio	Lower	Upper	
82	100		
128	33.6	36.1	54.1#
54	55.8	41.4	62.2



#31
 Naphthalene
 Concen: 2.560 ng
 RT: 8.29 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF107441.D
 Acq: 17 Jul 2018 11:33

Tgt Ion	128	Resp	71853
Ion Ratio	Lower	Upper	
128	100		
129	15.7	8.8	13.2#
127	18.1	10.9	16.3#





#32

Benzoic acid

Concen: 10.387 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

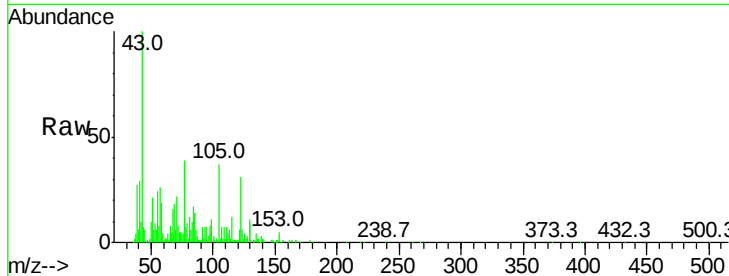
Tot Ion:122 Resp: 55037

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

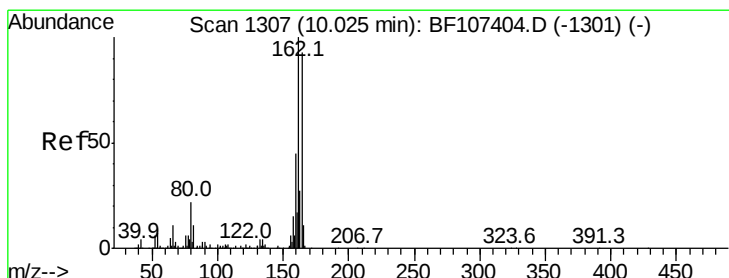
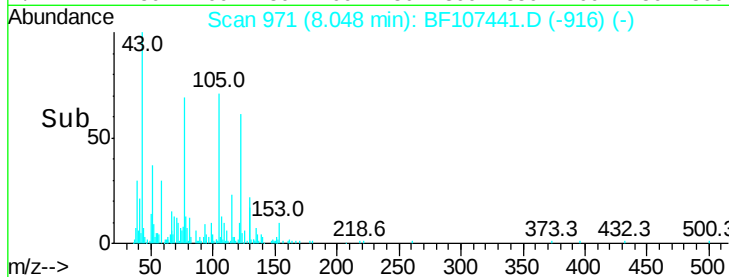
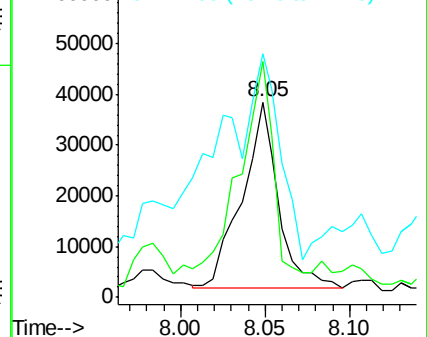
77 124.7 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

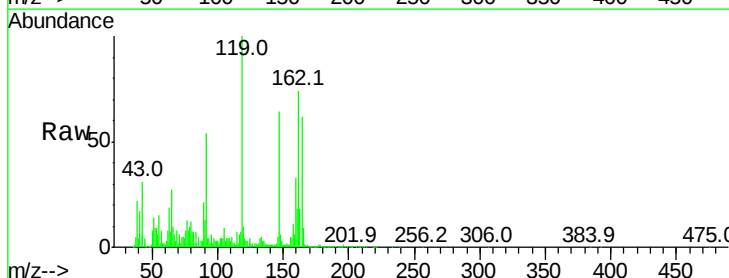
Tgt Ion:164 Resp: 250405

Ion Ratio Lower Upper

164 100

162 118.6 86.1 129.1

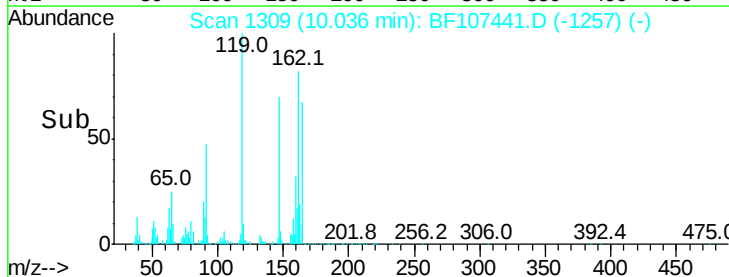
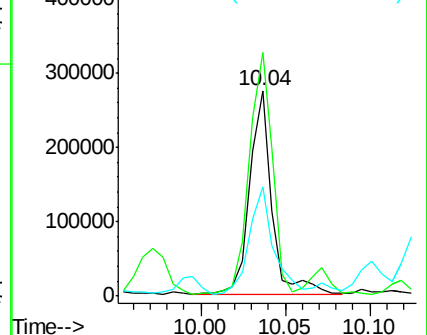
160 53.5 38.3 57.5

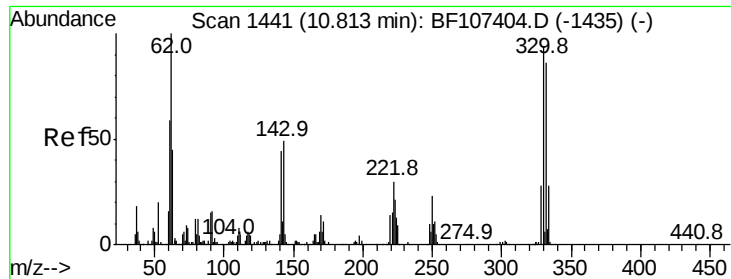


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 36.796 ng

RT: 10.83 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

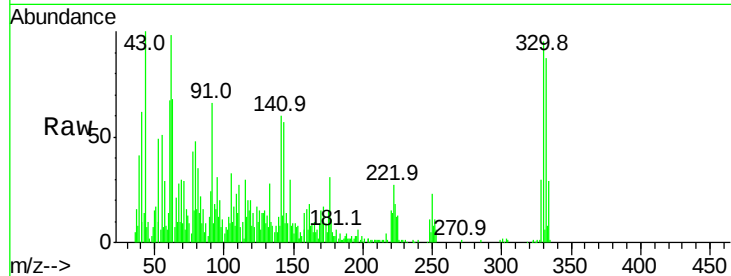
Tot Ion:330 Resp: 80955

Ion Ratio Lower Upper

330 100

332 91.0 77.0 115.6

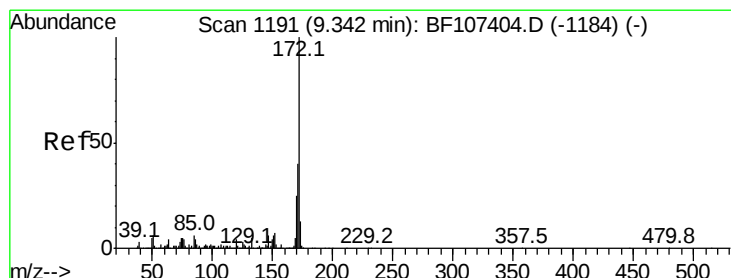
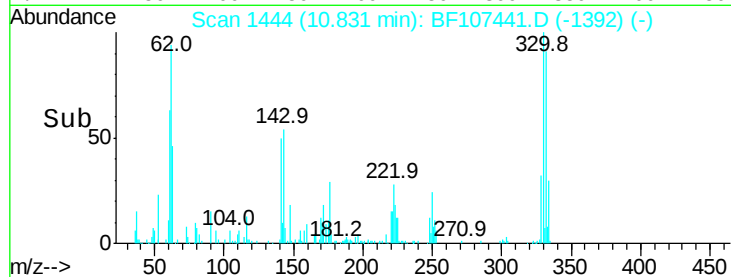
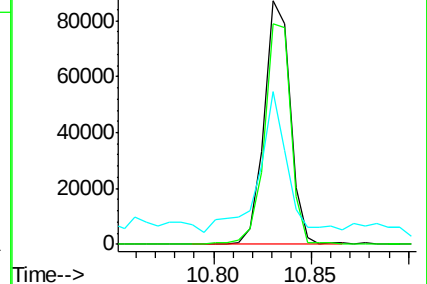
141 59.6 29.9 44.9#



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: 17.893 ng

RT: 9.35 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

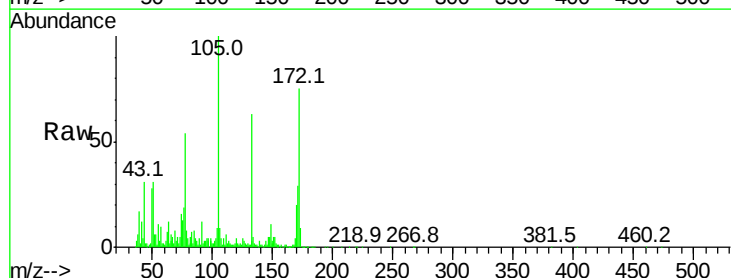
Tgt Ion:172 Resp: 397243

Ion Ratio Lower Upper

172 100

171 39.1 29.7 44.5

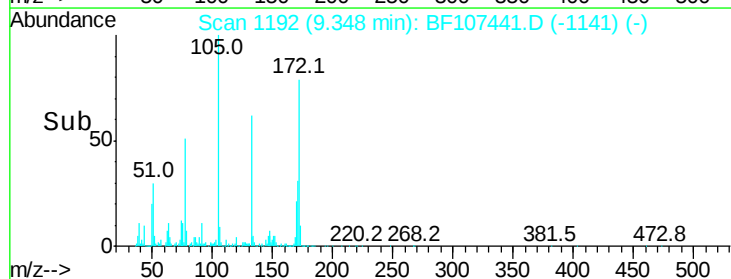
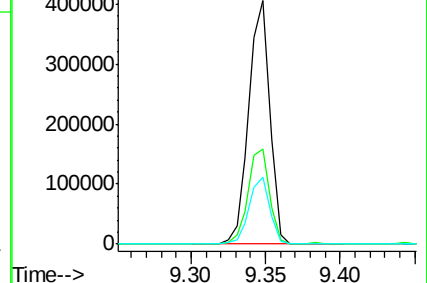
170 27.3 19.6 29.4

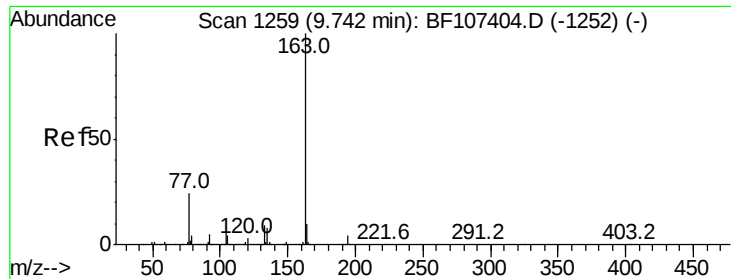


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

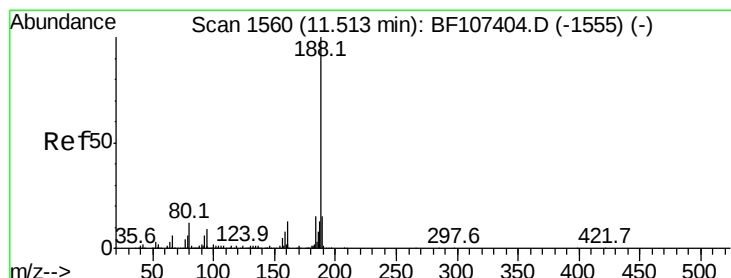
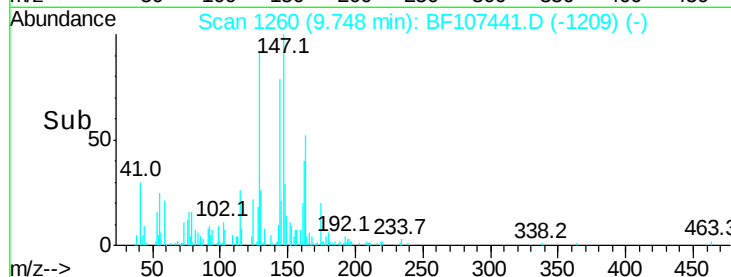
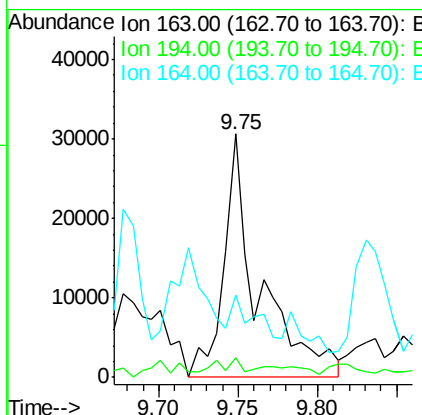
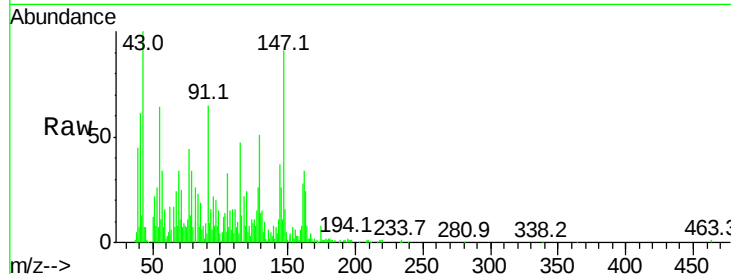




#49
Dimethylphthalate
Concen: 2.336 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

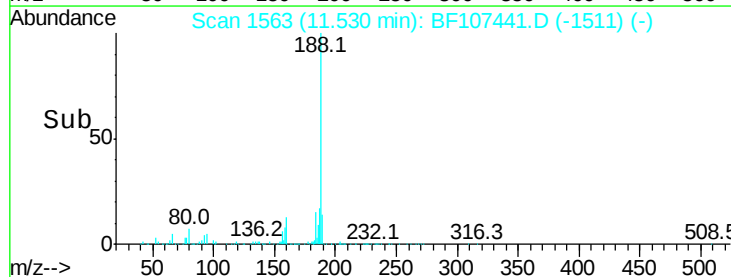
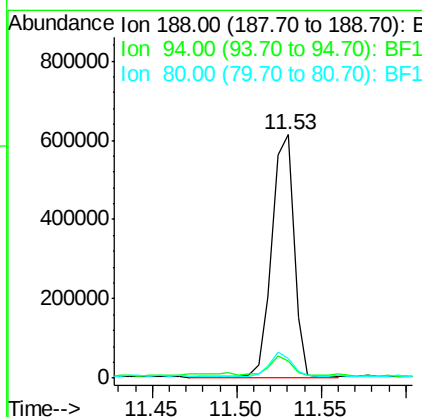
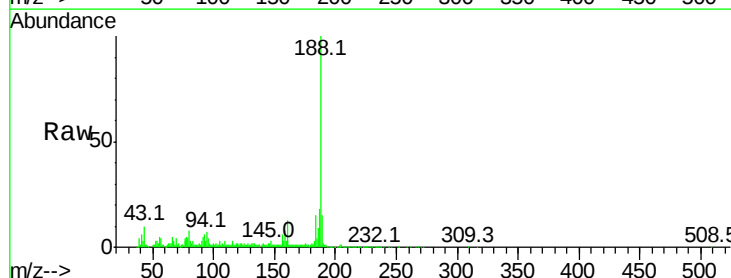
Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

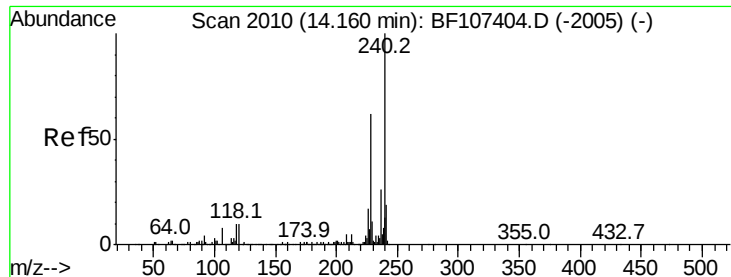
Tot Ion:163 Resp: 46484
Ion Ratio Lower Upper
163 100
194 7.8 2.7 4.1#
164 33.7 8.2 12.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:188 Resp: 556142
Ion Ratio Lower Upper
188 100
94 6.8 8.5 12.7#
80 8.3 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

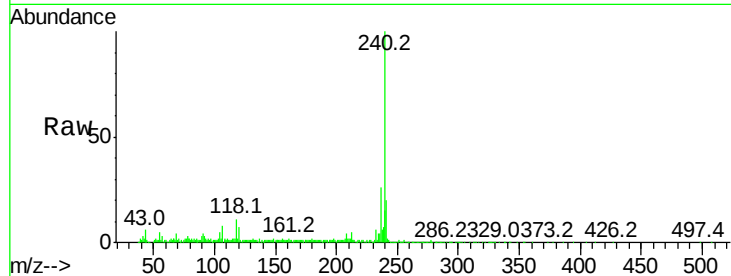
Tot Ion:240 Resp: 427640

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

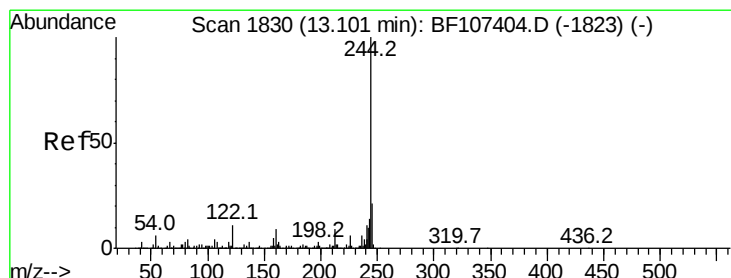
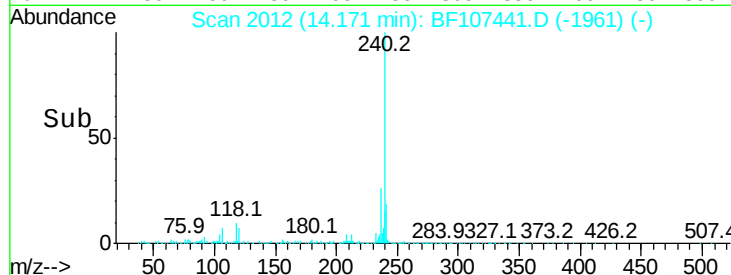
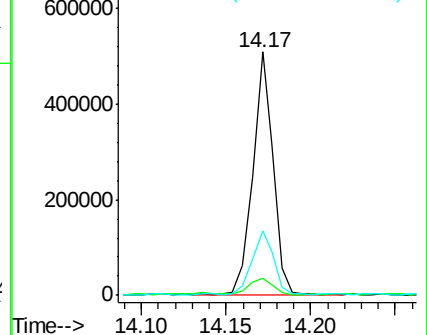
236 26.3 20.7 31.1



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: 27.195 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

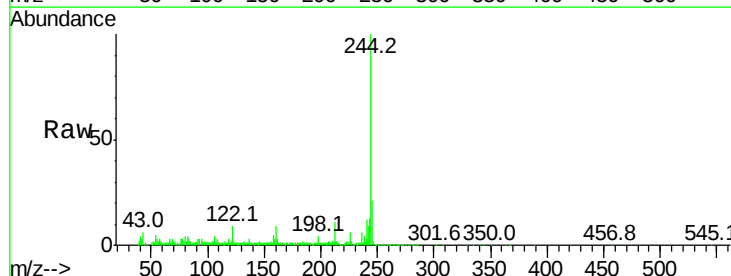
Tgt Ion:244 Resp: 468076

Ion Ratio Lower Upper

244 100

212 10.6 5.4 8.0#

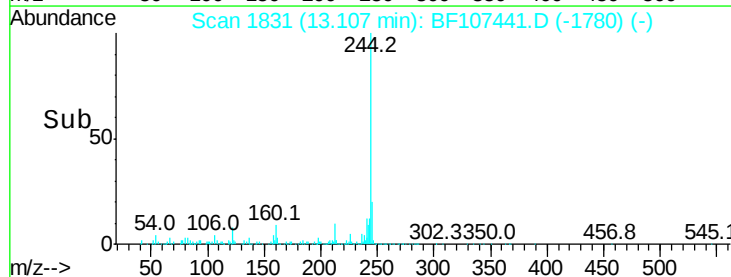
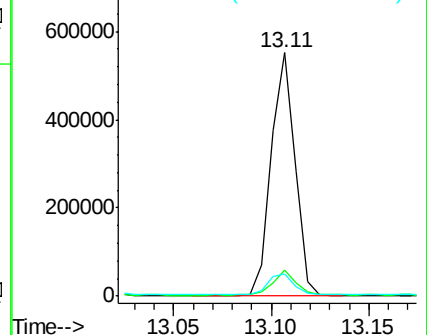
122 8.8 11.0 16.4#

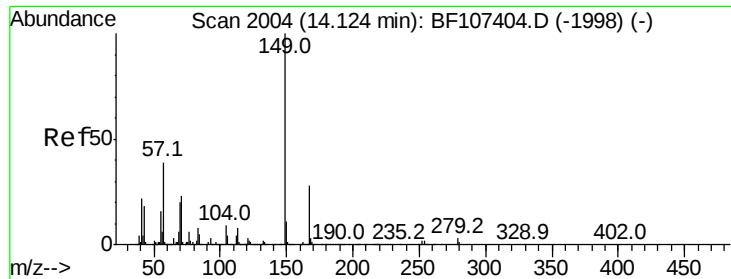


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.165 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

Instrument :

BNA_F

ClientSampleId :

DRUM-1DL

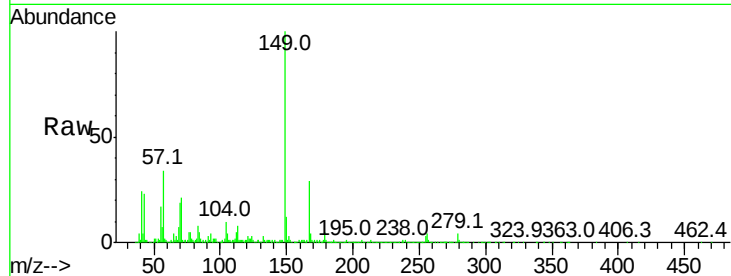
Tot Ion:149 Resp: 670396

Ion Ratio Lower Upper

149 100

167 29.1 21.3 31.9

279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

1000000

800000

600000

400000

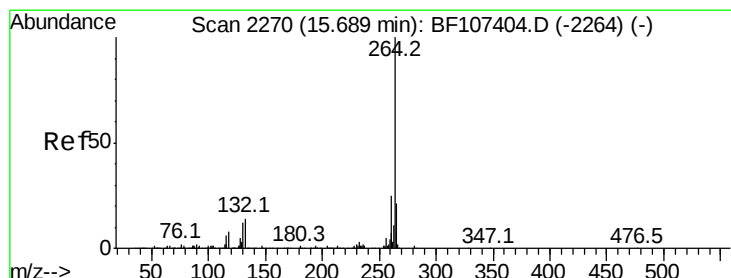
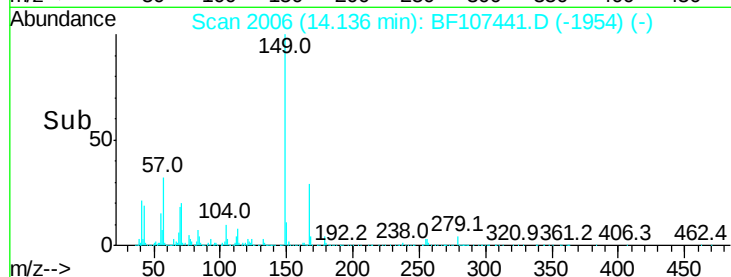
200000

0

14.14

14.10 14.15 14.20

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF107441.D

Acq: 17 Jul 2018 11:33

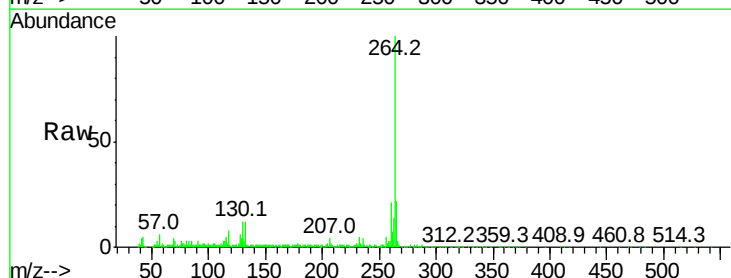
Tgt Ion:264 Resp: 407772

Ion Ratio Lower Upper

264 100

260 21.4 19.2 28.8

265 21.7 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

400000

300000

200000

100000

0

15.71

15.65 15.70 15.75

Time-->

