

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071918\
 Data File : BF107517.D
 Acq On : 19 Jul 2018 20:11
 Operator : JU/SJ
 Sample : J4051-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-DEBRIS

Quant Time: Jul 20 01:00:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

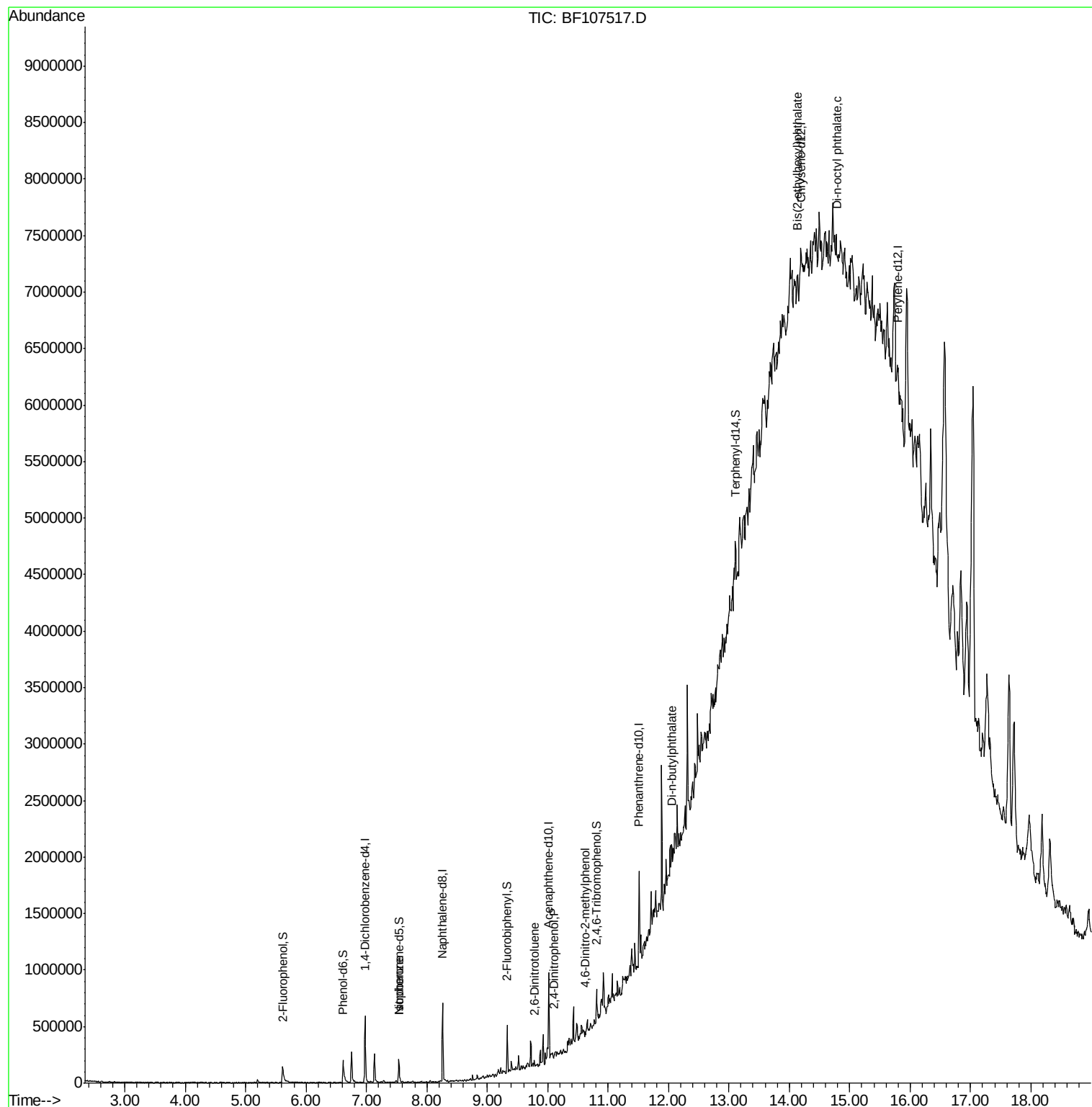
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	77295	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	268900	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	126313	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	257541	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	150426	20.00	ng	0.02
86) Perylene-d12	15.80	264	136334	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	67173	13.20	ng	0.00
7) Phenol-d6	6.61	99	90704	13.78	ng	0.00
23) Nitrobenzene-d5	7.54	82	58670	11.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	19961	17.99	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	109632	4.16	ng	-0.02
78) Terphenyl-d14	13.11	244	104637	17.28	ng	0.00
Target Compounds						
25) Isophorone	7.54	82	58669	5.870	ng	# 64
50) 2,6-Dinitrotoluene	9.78	165	4446	2.322	ng	# 24
53) 2,4-Dinitrophenol	10.10	184	119	2.506	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	498	7.794	ng	# 1
73) Di-n-butylphthalate	12.07	149	41287	2.968	ng	# 78
83) Bis(2-ethylhexyl)phthalate	14.14	149	18573	3.478	ng	# 24
84) Di-n-octyl phthalate	14.79	149	20474	2.467	ng	# 53

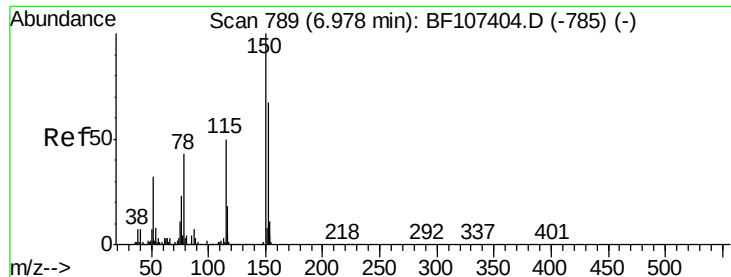
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071918\
Data File : BF107517.D
Acq On : 19 Jul 2018 20:11
Operator : JU/SJ
Sample : J4051-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Quant Time: Jul 20 01:00:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Instrument :

BNA_F

ClientSampleId :

NS-DEBRIS

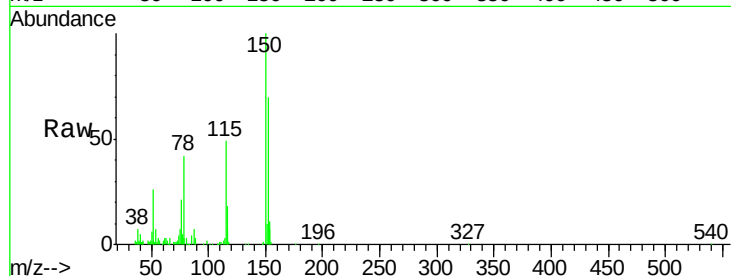
Tgt Ion:152 Resp: 77295

Ion Ratio Lower Upper

152 100

150 143.5 124.6 186.8

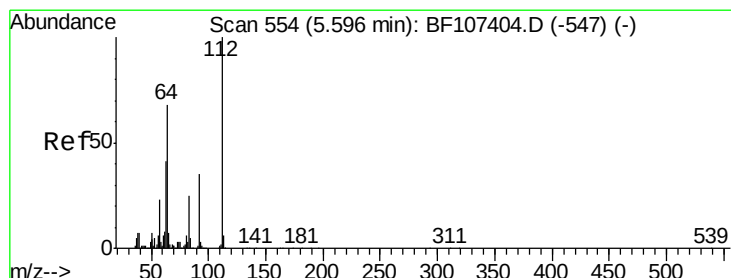
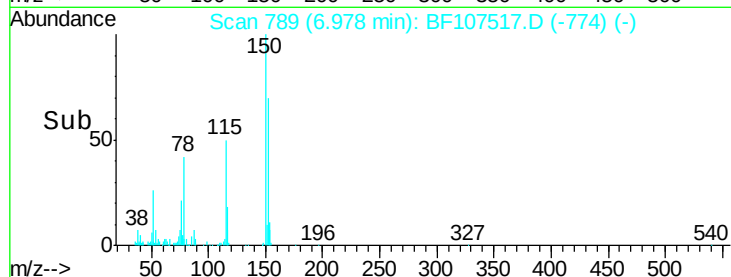
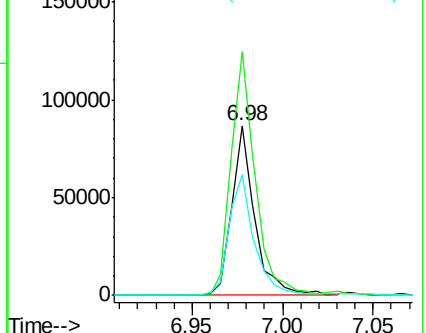
115 70.8 50.1 75.1



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: 13.199 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

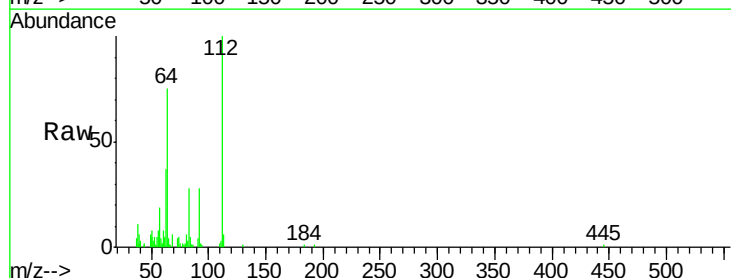
Tgt Ion:112 Resp: 67173

Ion Ratio Lower Upper

112 100

64 75.1 47.9 71.9#

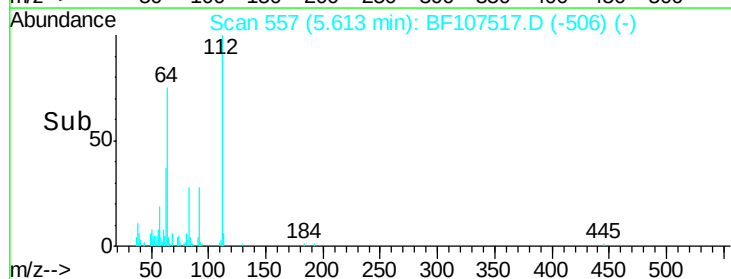
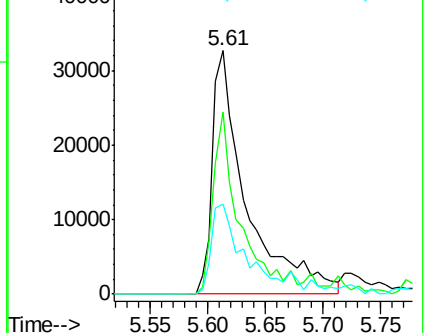
63 37.2 23.7 35.5#

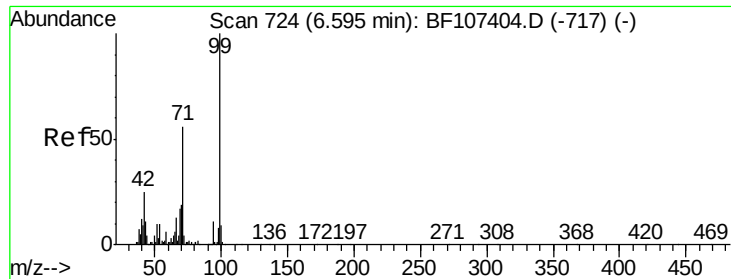


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 13.785 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Instrument :

BNA_F

ClientSampleId :

NS-DEBRIS

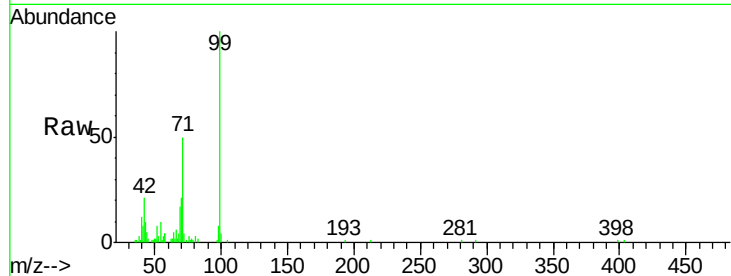
Tgt Ion: 99 Resp: 90704

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

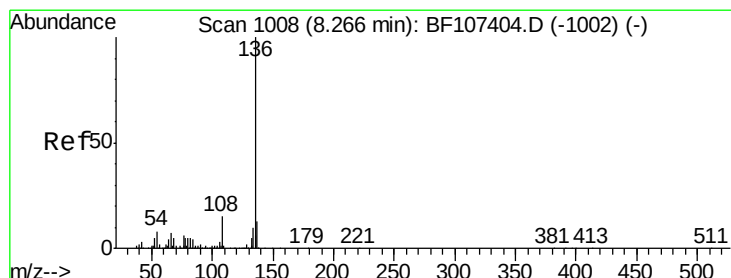
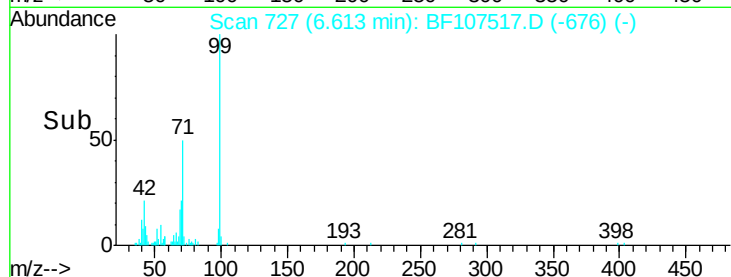
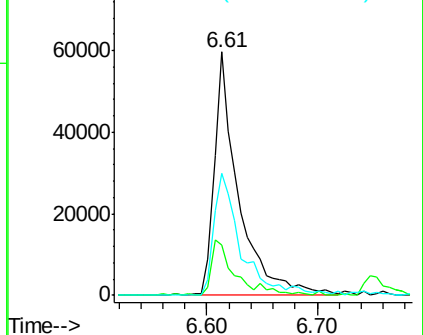
71 50.3 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Tgt Ion: 136 Resp: 268900

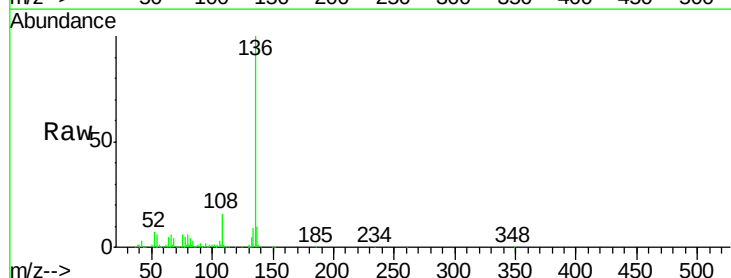
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 6.4 6.6 9.8#

68 4.5 5.0 7.4#

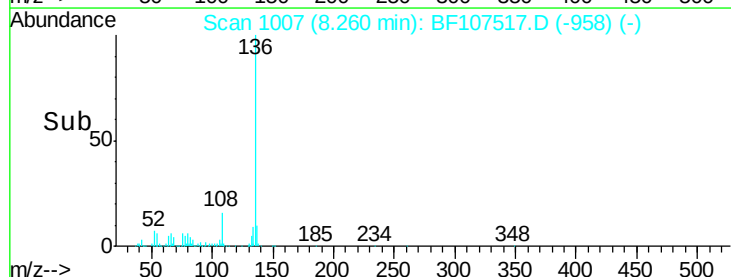
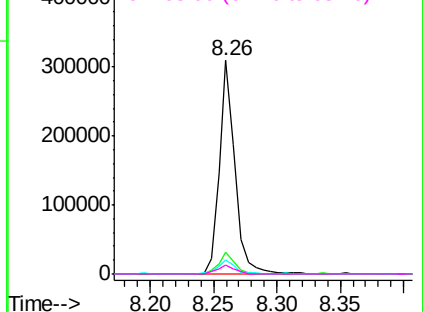


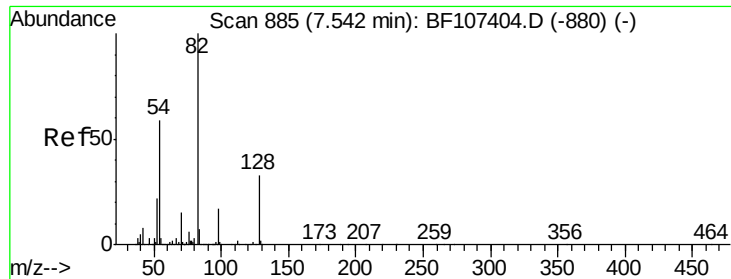
Abundance Ion 136.00 (135.70 to 136.70): E

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

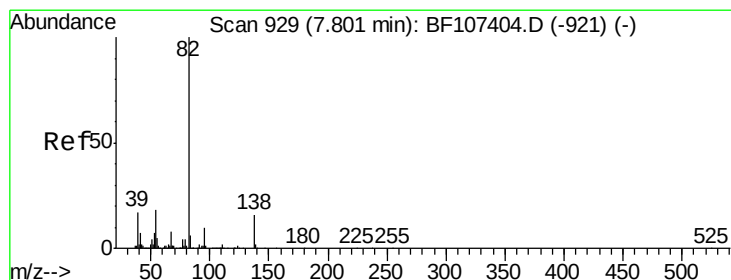
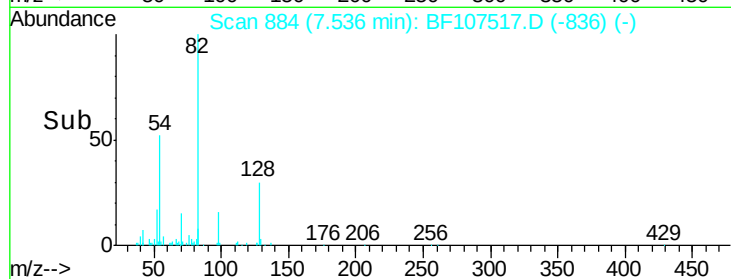
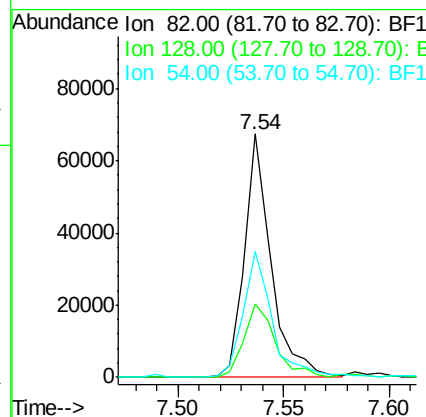
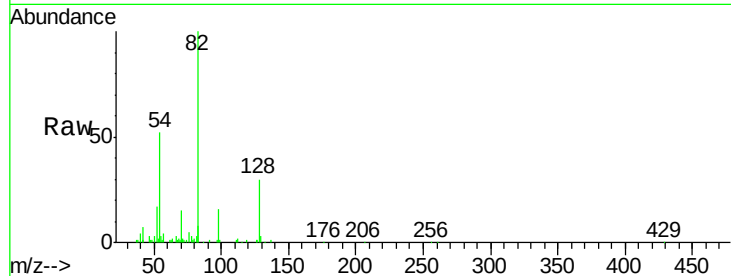




#23
 Nitrobenzene-d5
 Concen: 11.635 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107517.D
 Acq: 19 Jul 2018 20:11

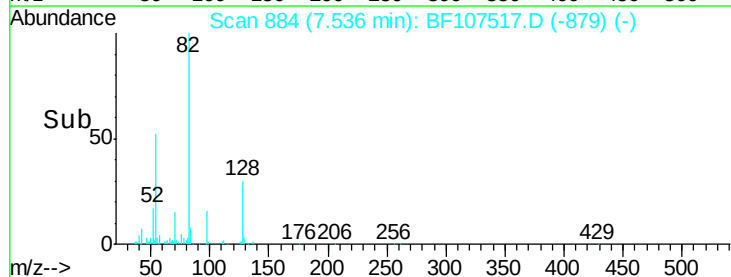
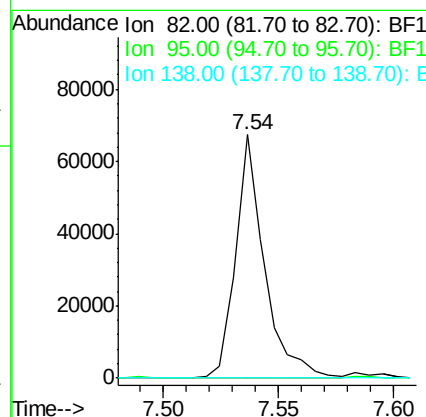
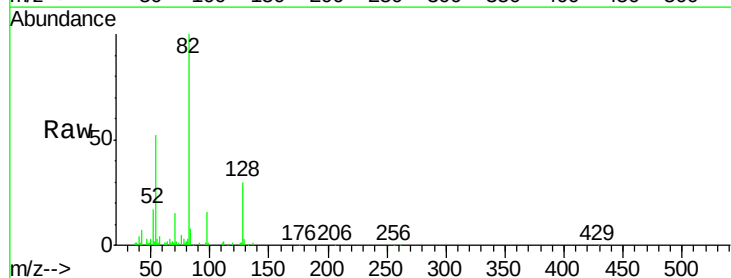
Instrument :
 BNA_F
 ClientSampleId :
 NS-DEBRIS

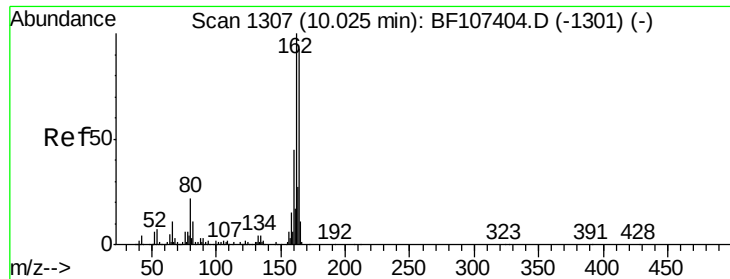
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.2	36.1	54.1#
54	51.9	41.4	62.2



#25
 Isophorone
 Concen: 5.870 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.27 min
 Lab File: BF107517.D
 Acq: 19 Jul 2018 20:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Instrument :

BNA_F

ClientSampleId :

NS-DEBRIS

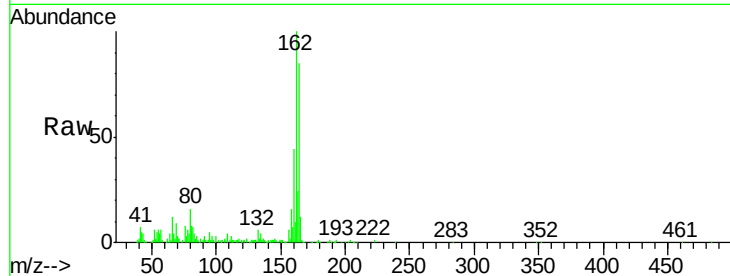
Tgt Ion:164 Resp: 126313

Ion Ratio Lower Upper

164 100

162 117.3 86.1 129.1

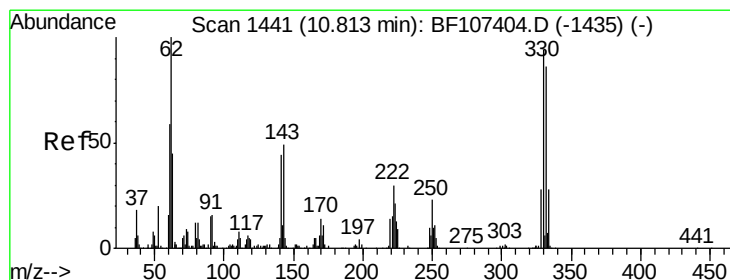
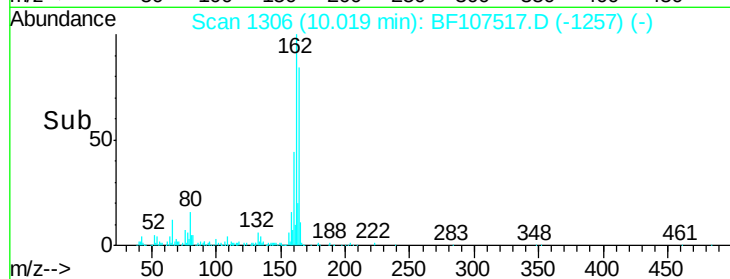
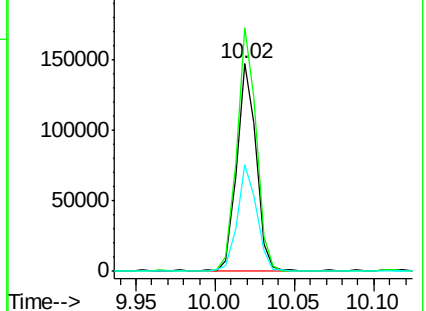
160 51.1 38.3 57.5



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: 17.986 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

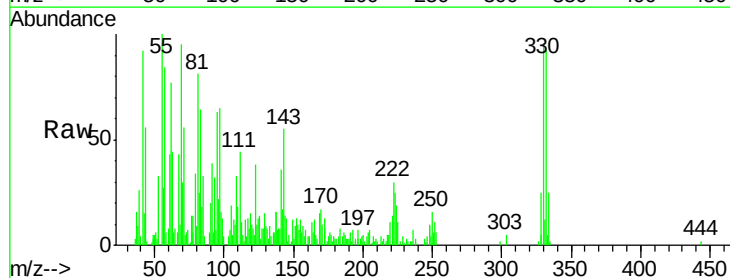
Tgt Ion:330 Resp: 19961

Ion Ratio Lower Upper

330 100

332 104.5 77.0 115.6

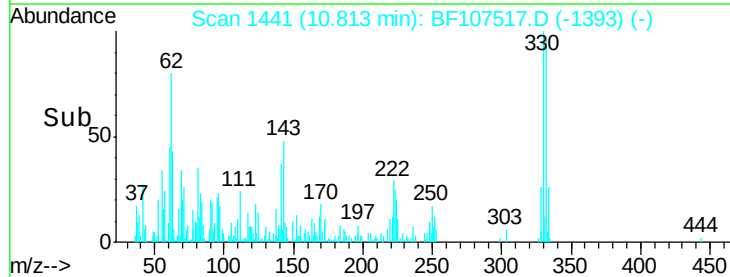
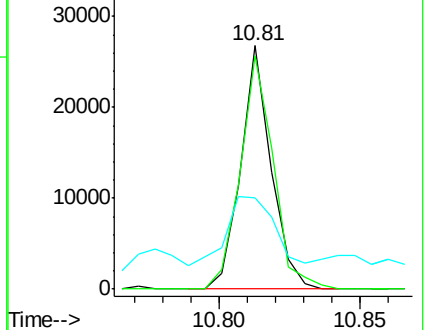
141 45.7 29.9 44.9#

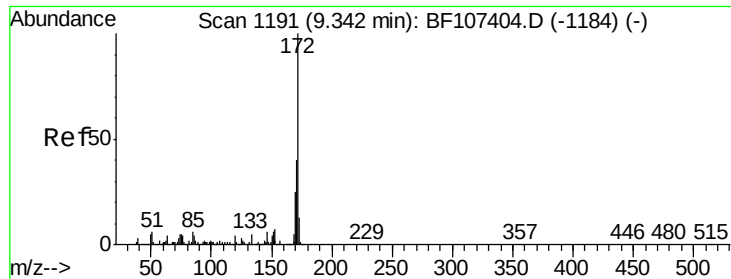


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

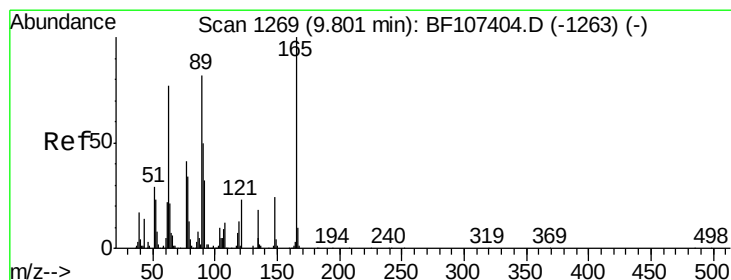
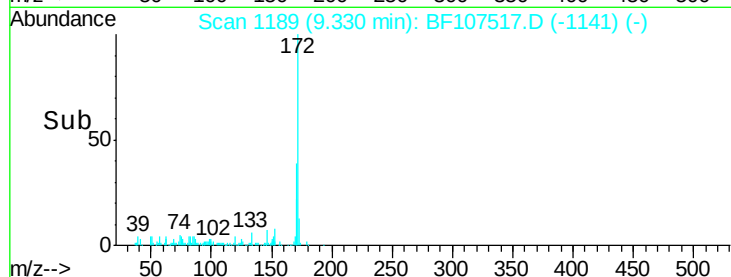
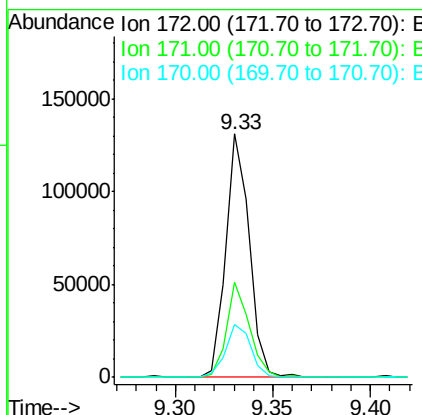
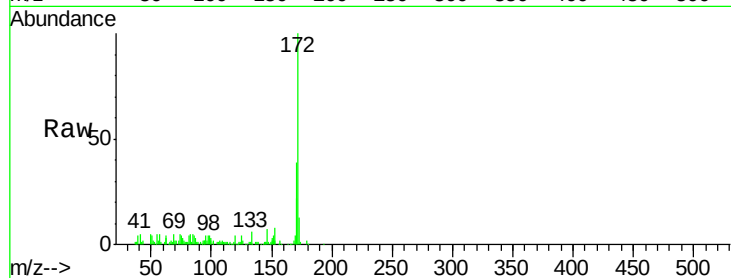




#44
 2-Fluorobiphenyl
 Concen: 4.163 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF107517.D
 Acq: 19 Jul 2018 20:11

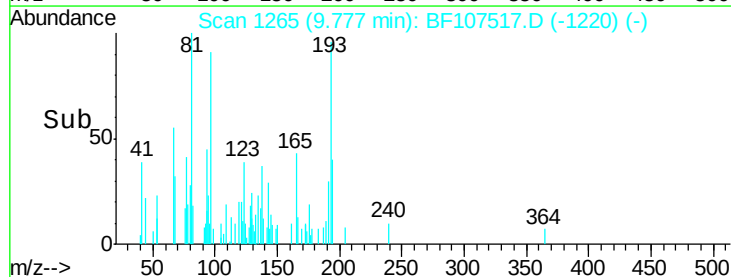
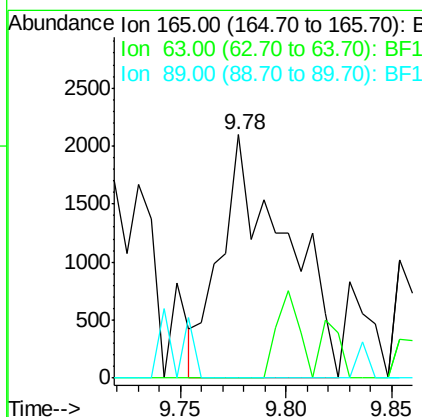
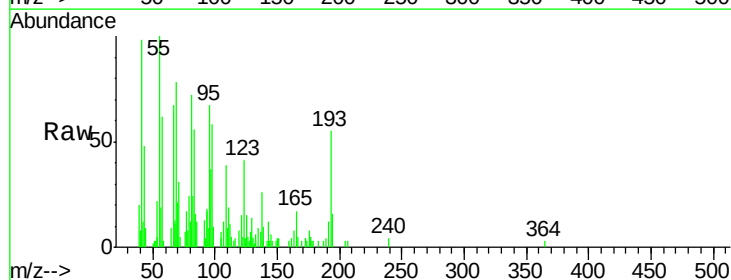
Instrument :
 BNA_F
 ClientSampleId :
 NS-DEBRIS

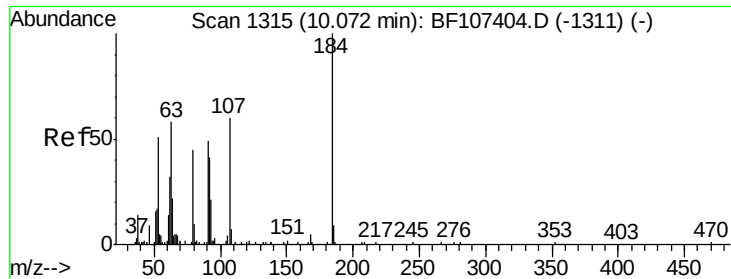
Tgt Ion:172 Resp: 109632
 Ion Ratio Lower Upper
 172 100
 171 39.3 29.7 44.5
 170 21.7 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 2.322 ng
 RT: 9.78 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BF107517.D
 Acq: 19 Jul 2018 20:11

Tgt Ion:165 Resp: 4446
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

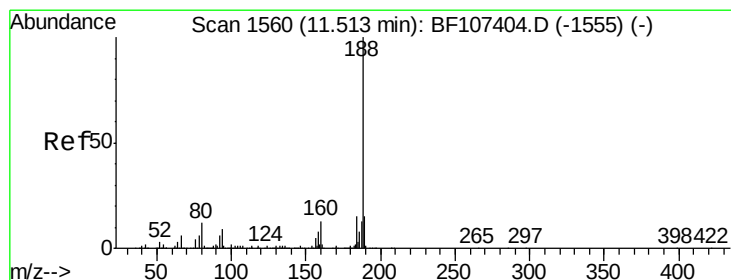
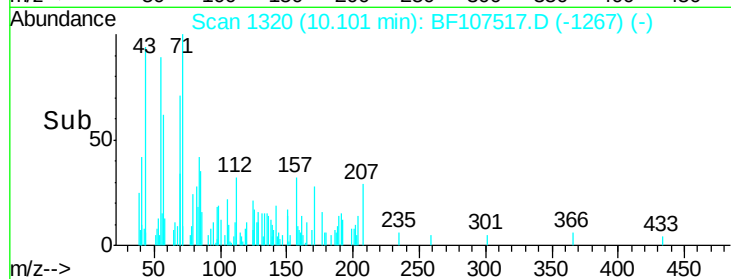
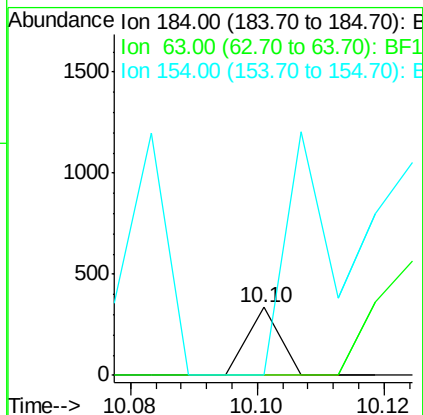
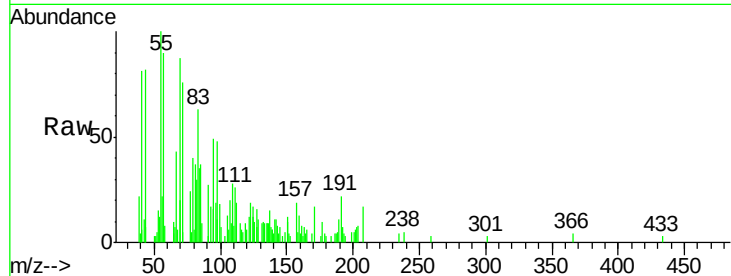




#53
2,4-Dinitrophenol
Concen: 2.506 ng
RT: 10.10 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

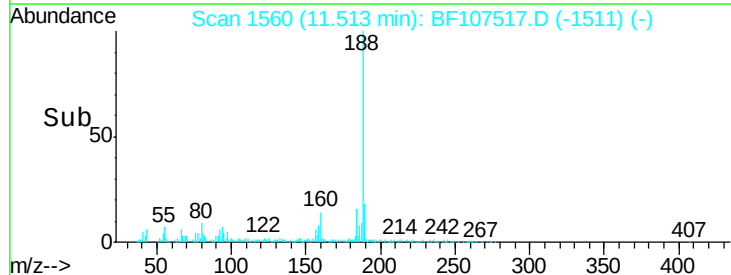
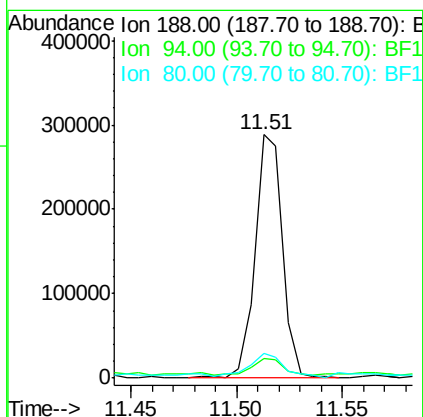
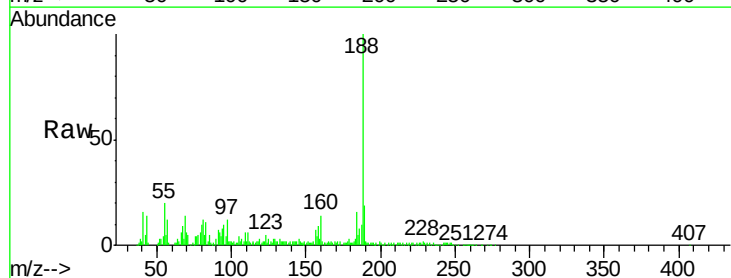
Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

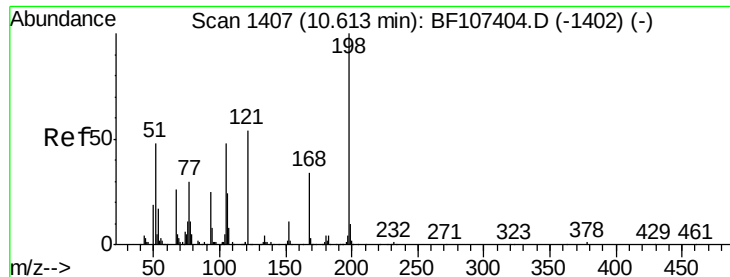
Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:188 Resp: 257541
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 10.3 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.794 ng

RT: 10.62 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Instrument :

BNA_F

ClientSampleId :

NS-DEBRIS

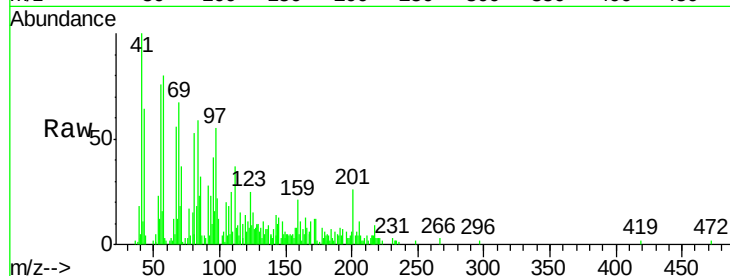
Tgt Ion:198 Resp: 498

Ion Ratio Lower Upper

198 100

51 188.0 37.7 77.7#

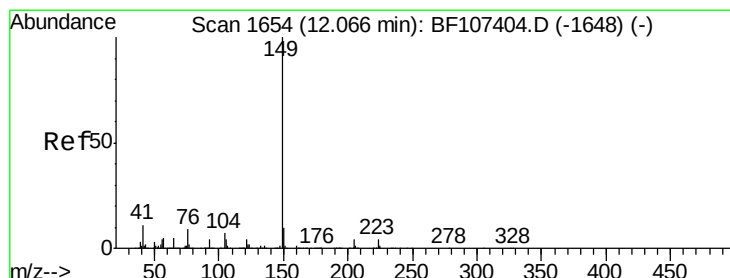
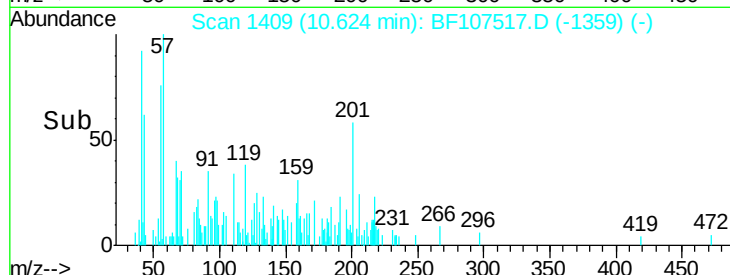
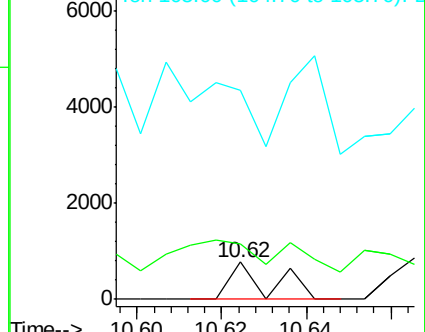
105 559.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#73

Di-n-butylphthalate

Concen: 2.968 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

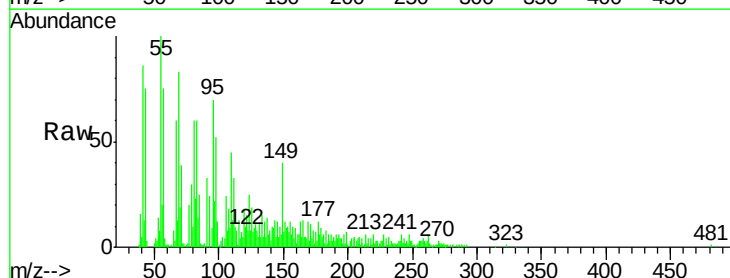
Tgt Ion:149 Resp: 41287

Ion Ratio Lower Upper

149 100

150 18.6 7.8 11.6#

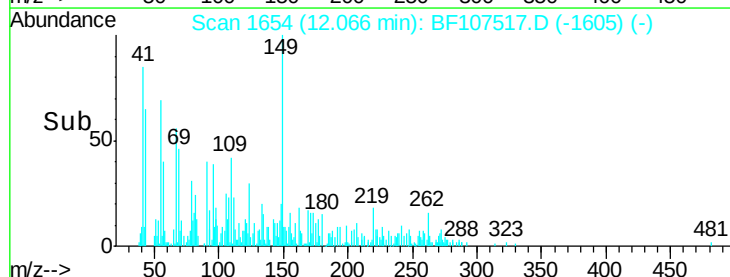
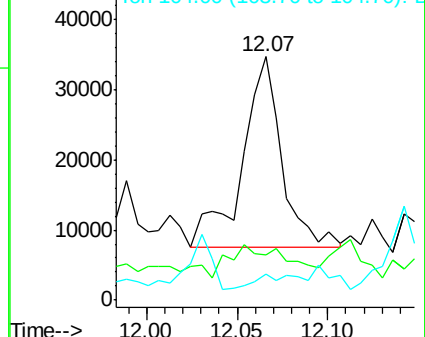
104 10.5 3.8 5.8#

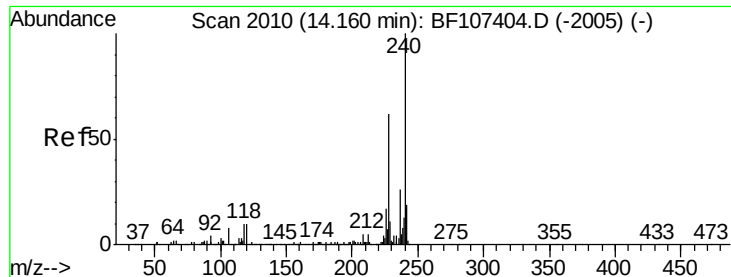


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.02 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Instrument :

BNA_F

ClientSampleId :

NS-DEBRIS

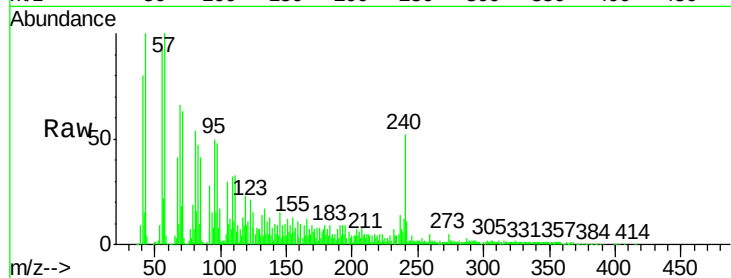
Tgt Ion:240 Resp: 150426

Ion Ratio Lower Upper

240 100

120 18.1 9.5 14.3#

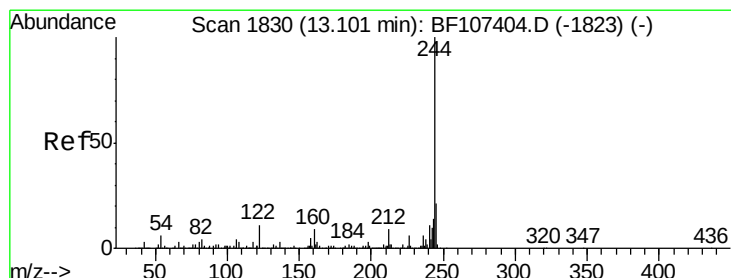
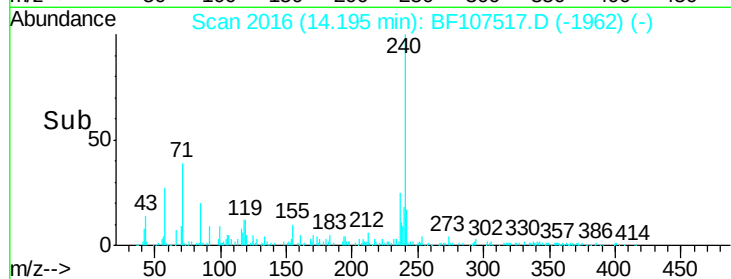
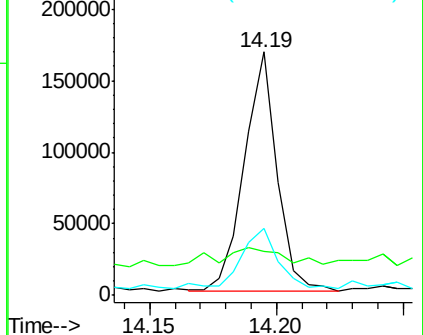
236 27.5 20.7 31.1



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: 17.283 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

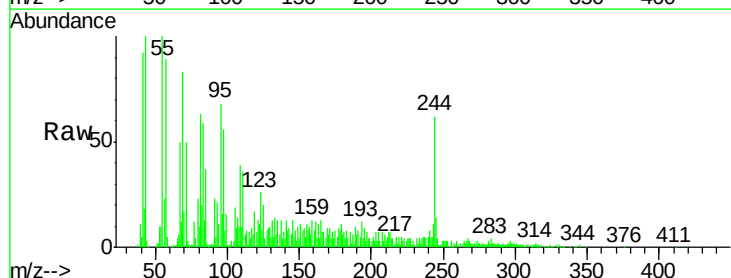
Tgt Ion:244 Resp: 104637

Ion Ratio Lower Upper

244 100

212 10.9 5.4 8.0#

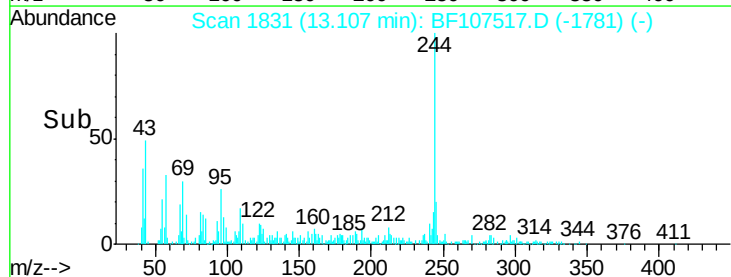
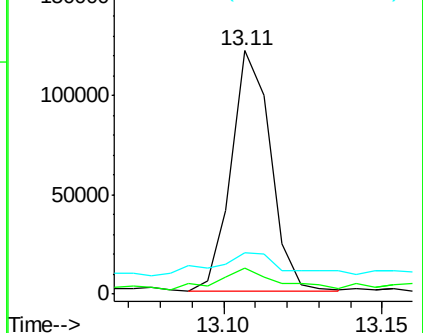
122 17.1 11.0 16.4#

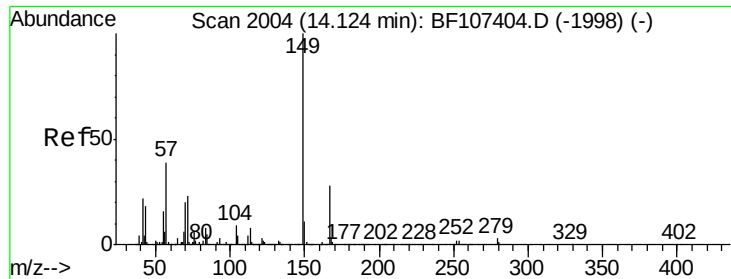


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.478 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

Instrument :

BNA_F

ClientSampleId :

NS-DEBRIS

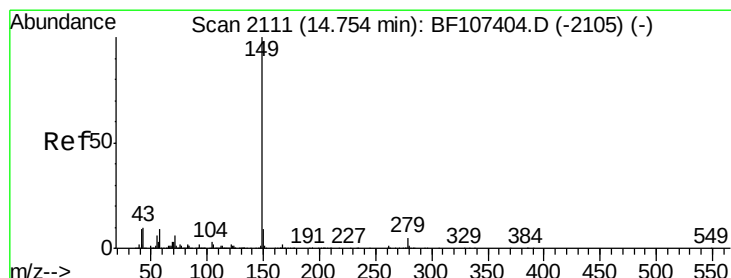
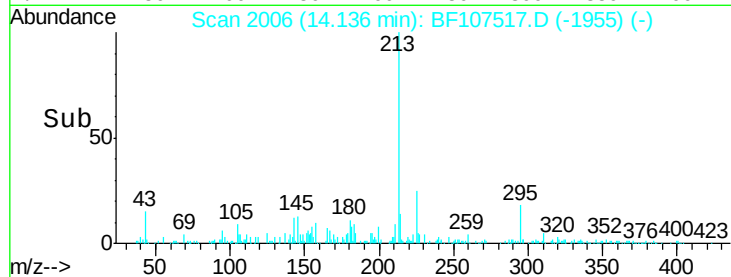
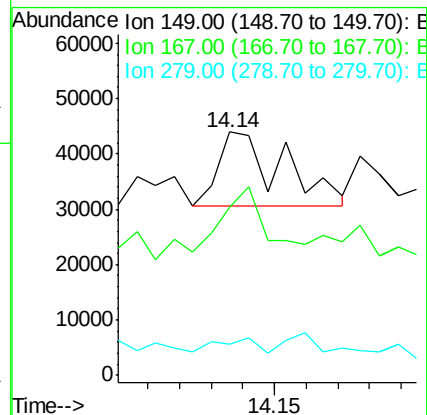
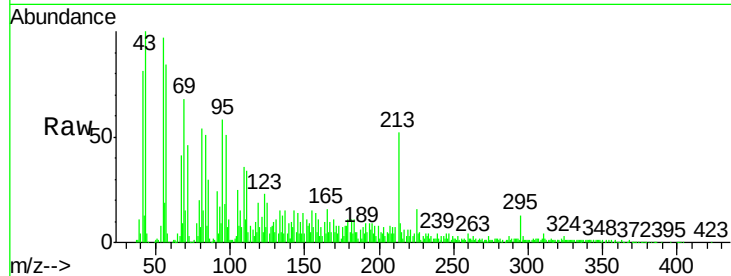
Tgt Ion:149 Resp: 18573

Ion Ratio Lower Upper

149 100

167 69.1 21.3 31.9#

279 12.8 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 2.467 ng

RT: 14.79 min Scan# 2117

Delta R.T. 0.04 min

Lab File: BF107517.D

Acq: 19 Jul 2018 20:11

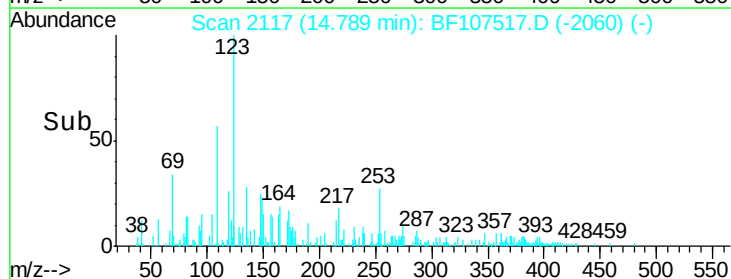
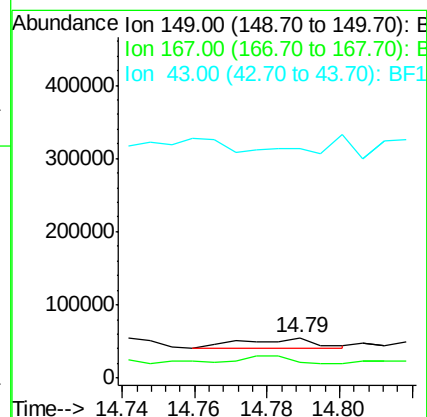
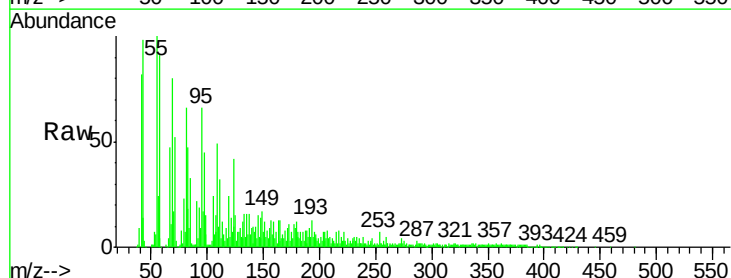
Tgt Ion:149 Resp: 20474

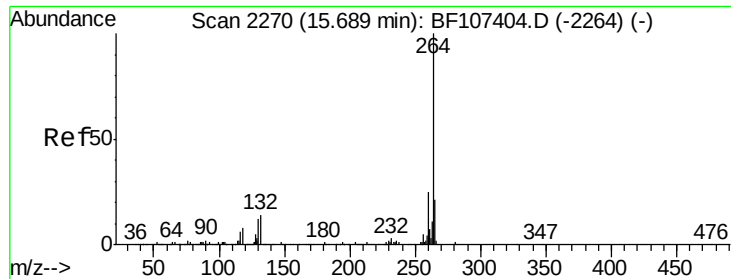
Ion Ratio Lower Upper

149 100

167 70.4 1.2 1.8#

43 0.0 8.4 12.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.80 min Scan# 2289
Delta R.T. 0.09 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.2	28.8
265	25.5	17.5	26.3

