

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107454.D
 Acq On : 17 Jul 2018 17:25
 Operator : JU/SJ
 Sample : J3997-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H-S

Quant Time: Jul 17 18:07:53 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

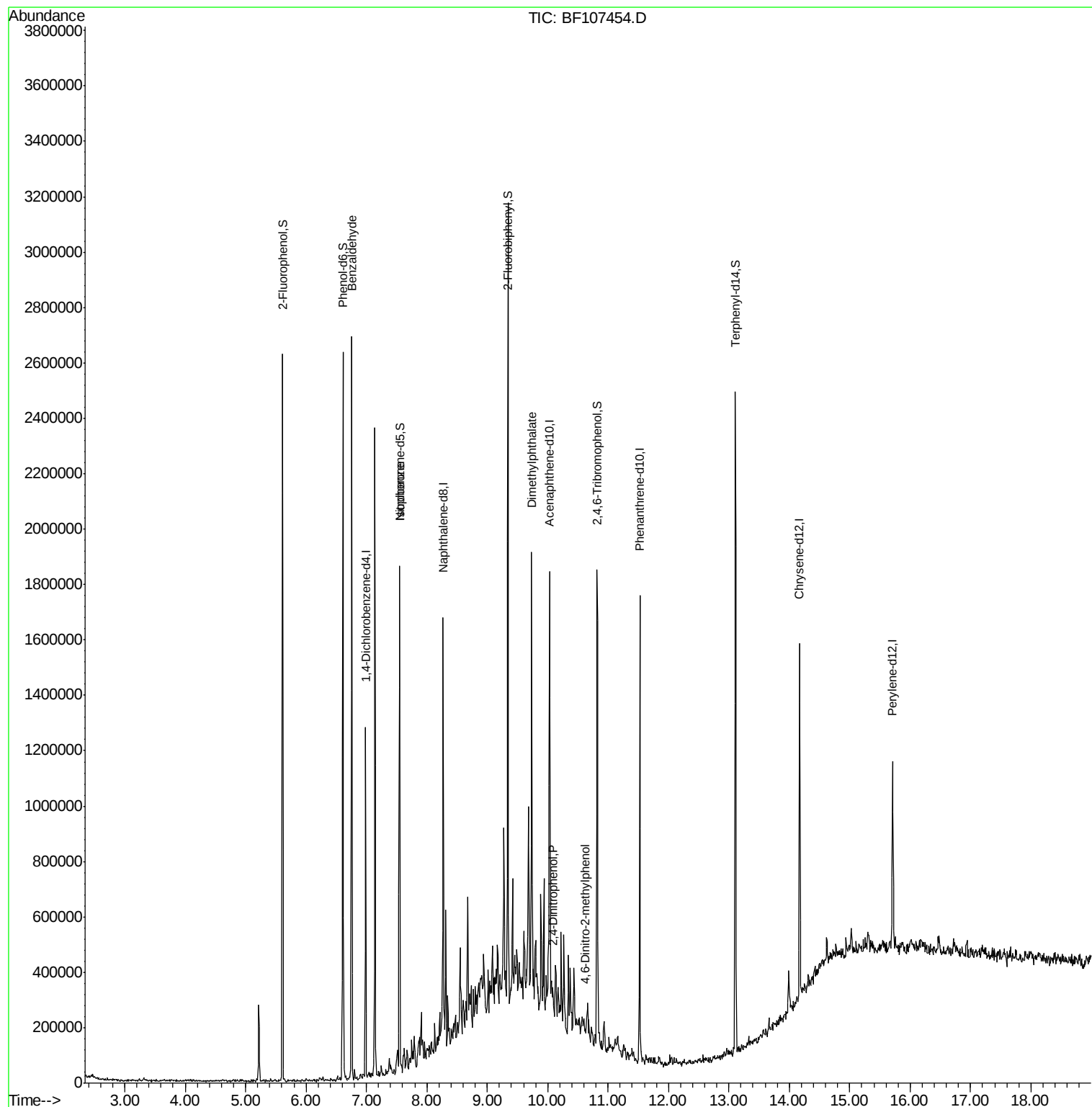
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145745	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	528687	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	271067	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	494388	20.00	ng	0.00
75) Chrysene-d12	14.17	240	447026	20.00	ng	0.00
86) Perylene-d12	15.71	264	281550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	577168	60.14	ng	0.00
7) Phenol-d6	6.61	99	725027	58.44	ng	0.00
23) Nitrobenzene-d5	7.55	82	513995	51.84	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	148788	62.47	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	757954	41.01	ng	0.00
78) Terphenyl-d14	13.11	244	692266	38.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	20387	2.043	ng	90
25) Isophorone	7.55	82	508379	25.869	ng	# 65
49) Dimethylphthalate	9.74	163	149272	6.931	ng	# 89
53) 2,4-Dinitrophenol	10.10	184	136	2.384	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	534	7.659	ng	# 63

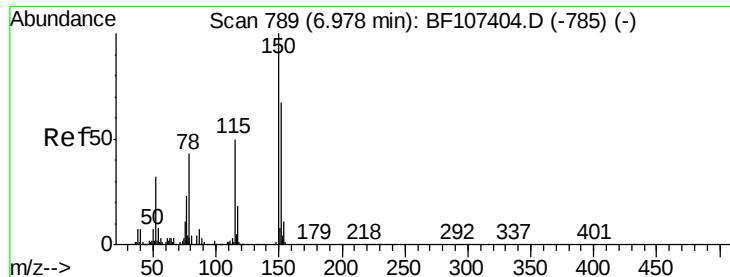
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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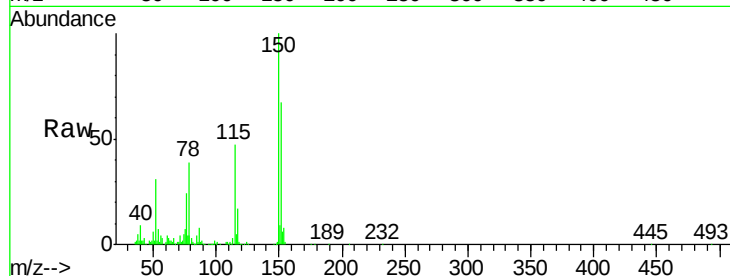


#1

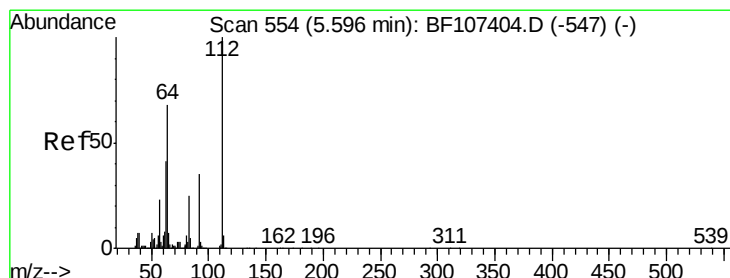
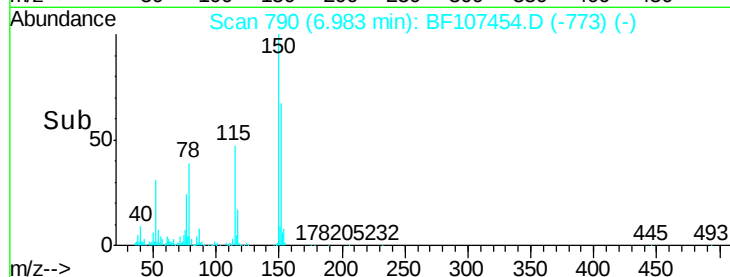
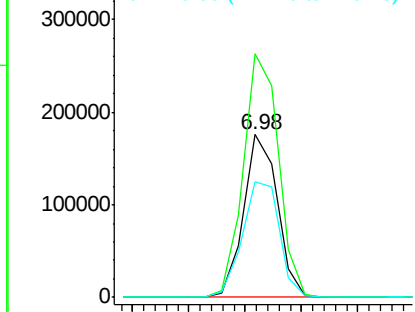
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107454.D
 Acq: 17 Jul 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-H-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.6	186.8
115	71.1	50.1	75.1



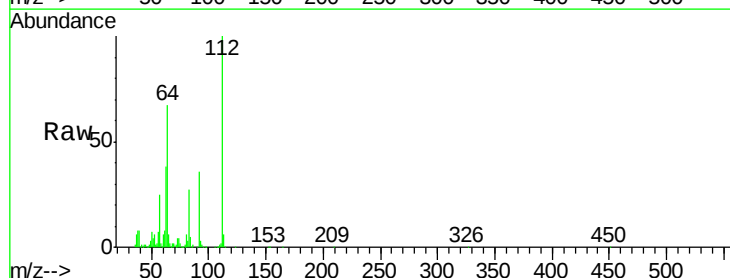
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



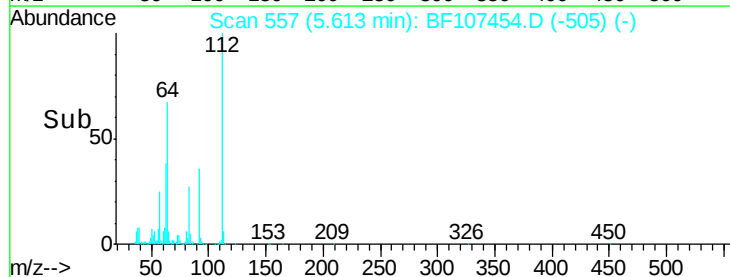
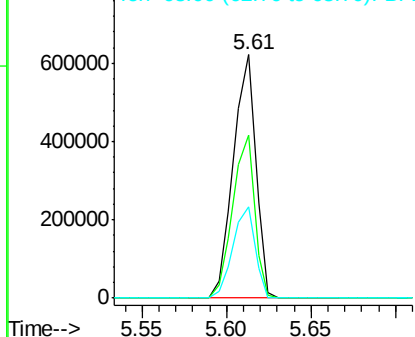
#5

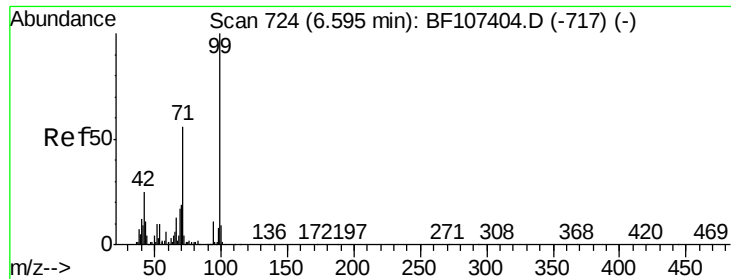
2-Fluorophenol
 Concen: 60.144 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107454.D
 Acq: 17 Jul 2018 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	37.7	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: 58.437 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

Instrument :

BNA_F

ClientSampleId :

TP-H-S

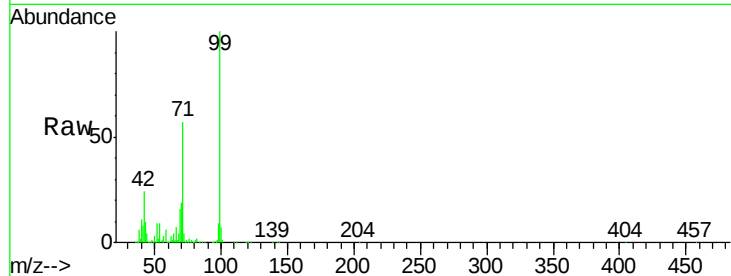
Tgt Ion: 99 Resp: 725027

Ion Ratio Lower Upper

99 100

42 23.9 14.5 21.7#

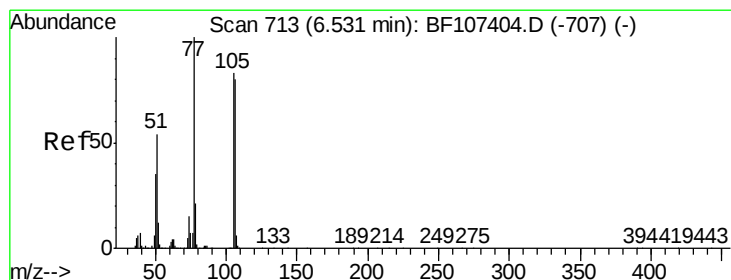
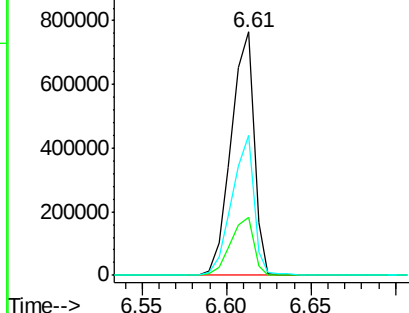
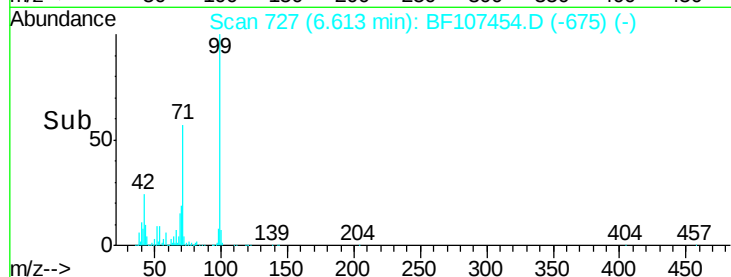
71 57.4 25.4 38.0#



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



#9

Benzaldehyde

Concen: 2.043 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.21 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

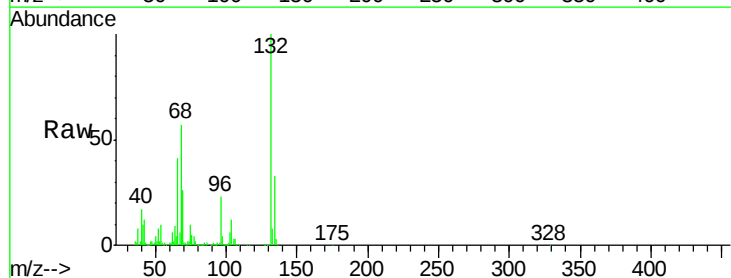
Tgt Ion: 77 Resp: 20387

Ion Ratio Lower Upper

77 100

105 82.4 81.1 121.1

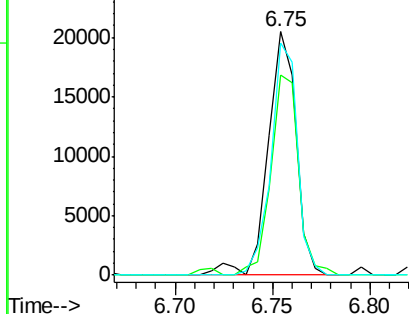
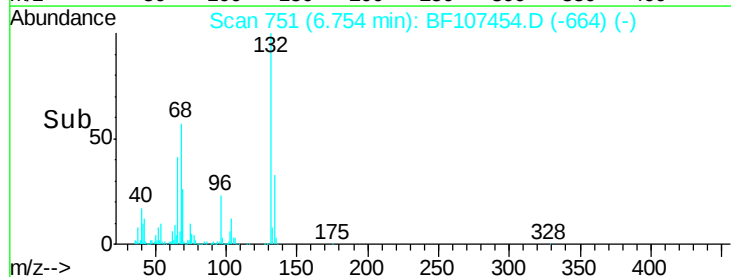
106 95.1 74.5 114.5

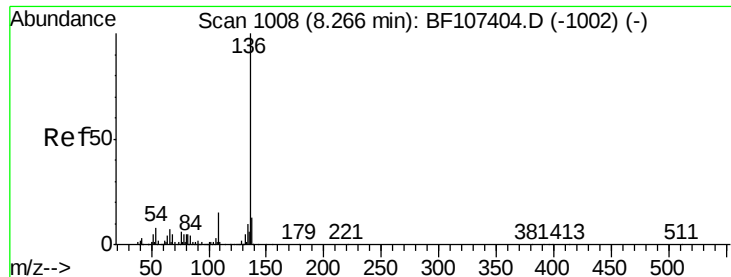


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

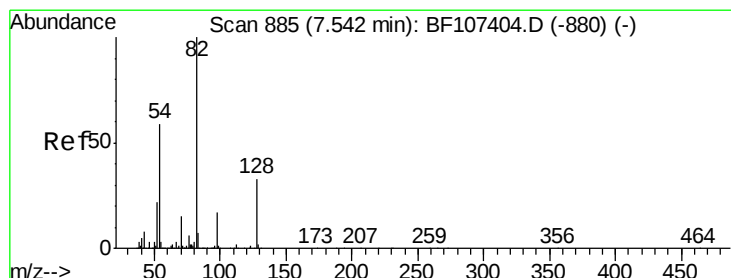
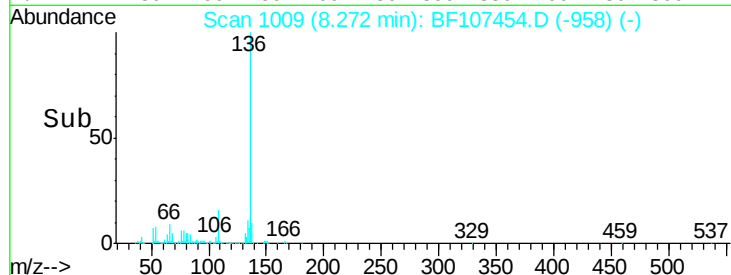
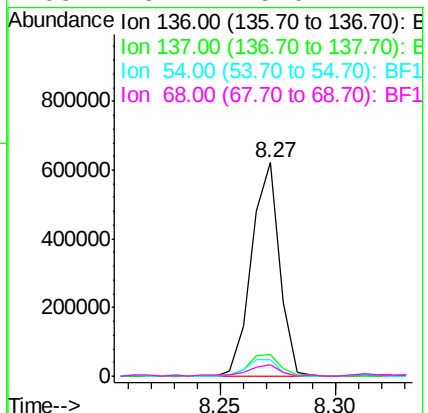
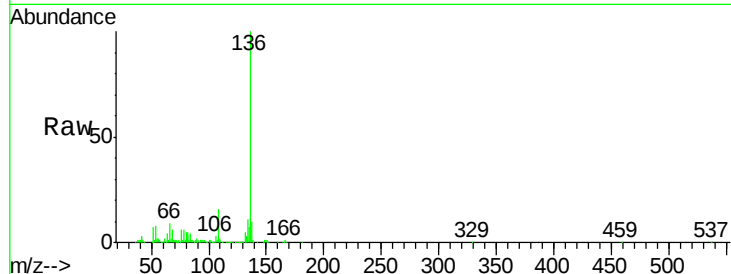




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF107454.D
Acq: 17 Jul 2018 17:25

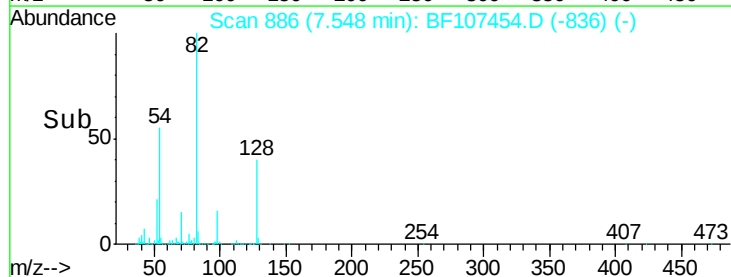
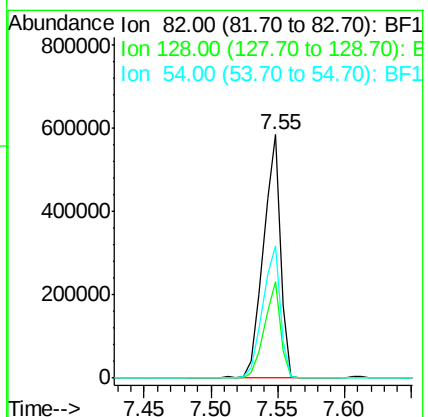
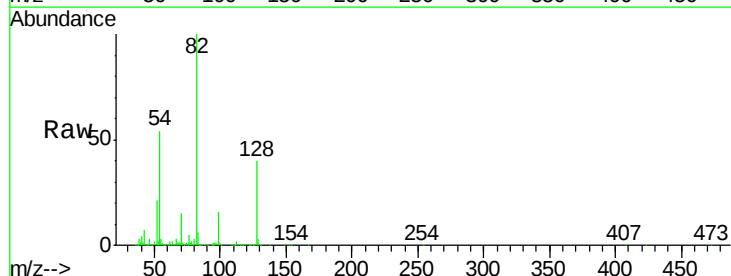
Instrument :
BNA_F
ClientSampleId :
TP-H-S

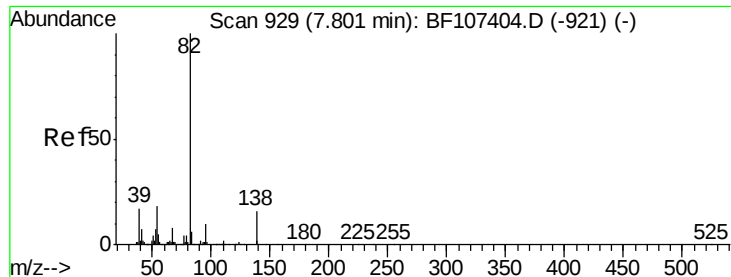
Tgt Ion:	136	Resp:	528687
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 51.842 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107454.D
Acq: 17 Jul 2018 17:25

Tgt Ion:	82	Resp:	513995
Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	54.5	41.4	62.2





#25

Isophorone

Concen: 25.869 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

Instrument :

BNA_F

ClientSampleId :

TP-H-S

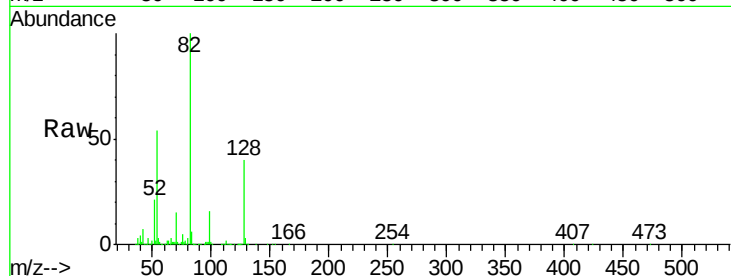
Tgt Ion: 82 Resp: 508379

Ion Ratio Lower Upper

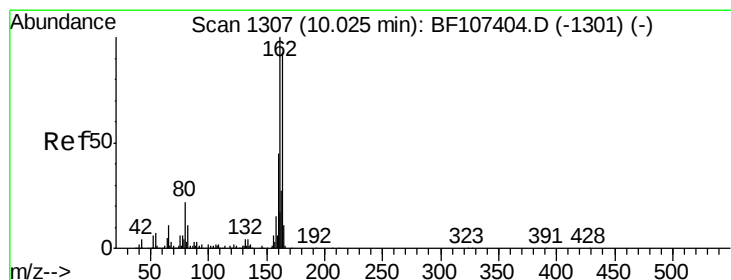
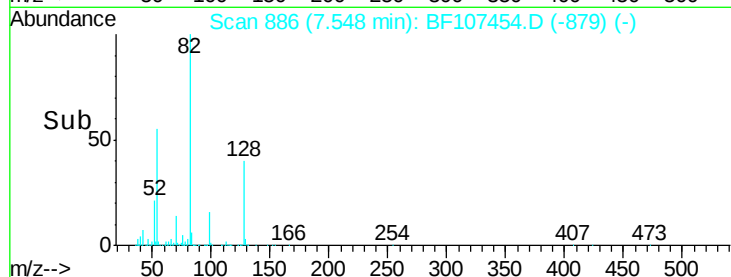
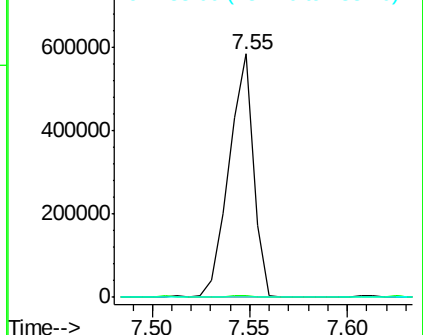
82 100

95 0.5 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

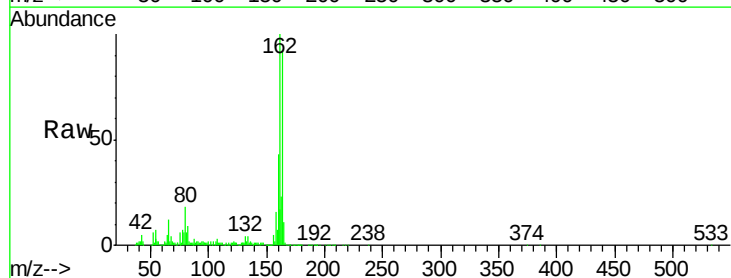
Tgt Ion: 164 Resp: 271067

Ion Ratio Lower Upper

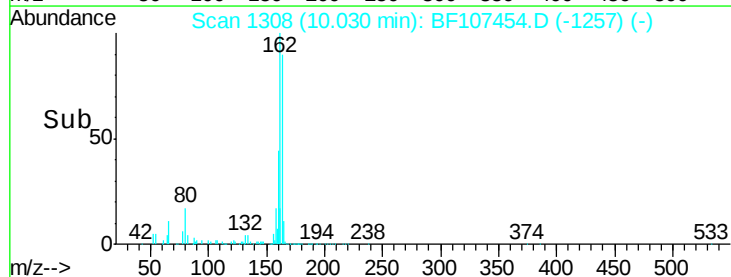
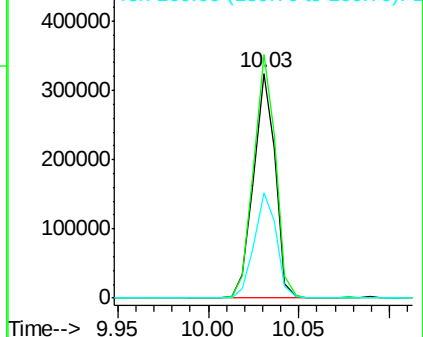
164 100

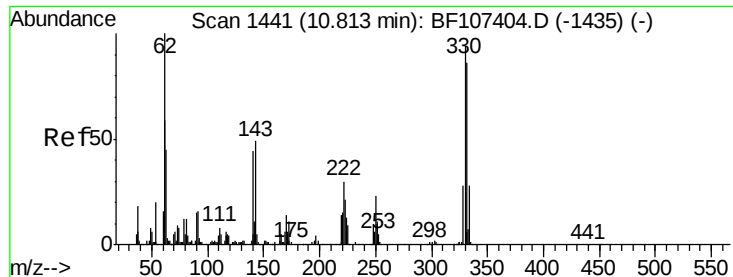
162 108.3 86.1 129.1

160 46.6 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: 62.473 ng

RT: 10.82 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

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ClientSampleId :

TP-H-S

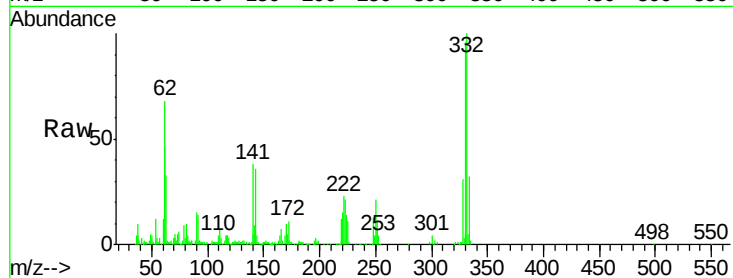
Tgt Ion:330 Resp: 148788

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

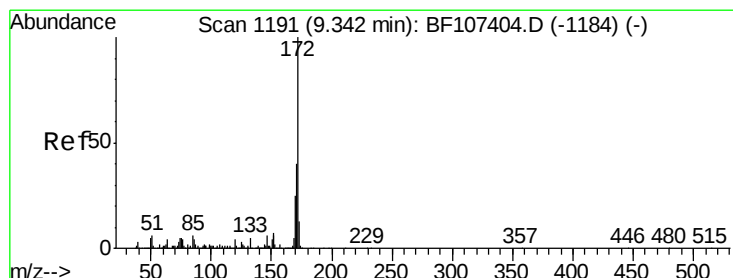
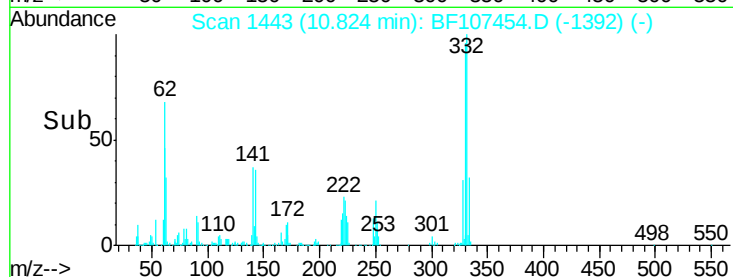
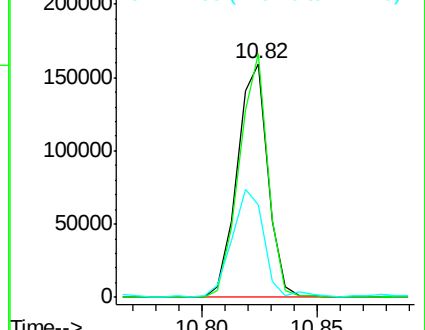
141 49.1 29.9 44.9#



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: 41.012 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

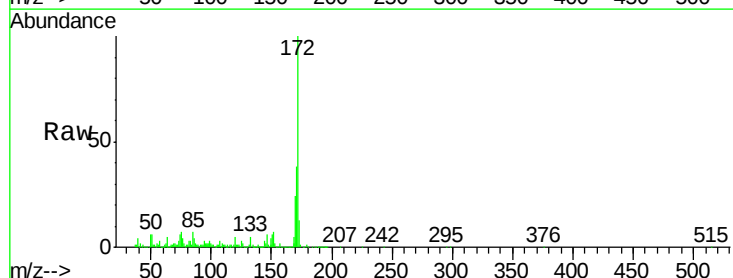
Tgt Ion:172 Resp: 757954

Ion Ratio Lower Upper

172 100

171 38.4 29.7 44.5

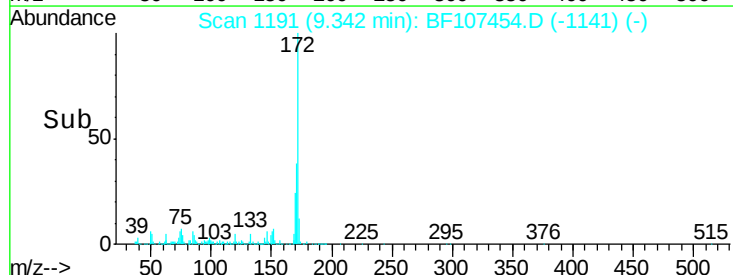
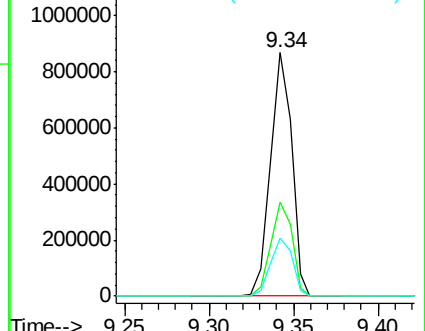
170 24.0 19.6 29.4

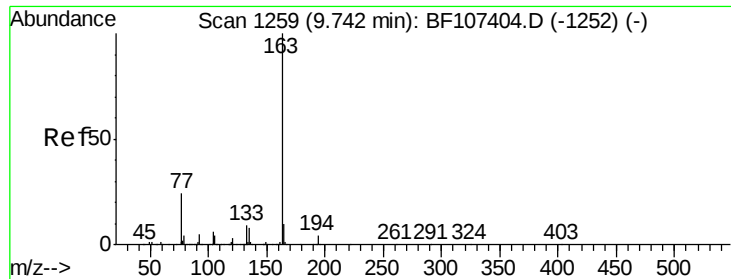


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.931 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

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TP-H-S

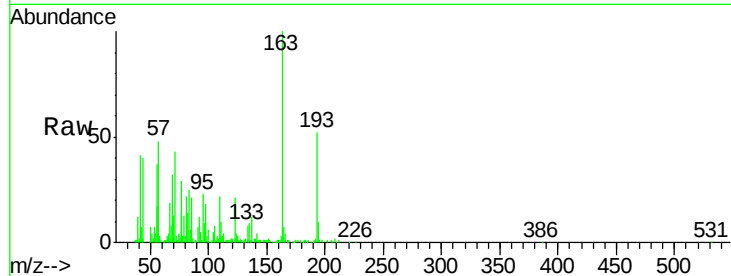
Tgt Ion:163 Resp: 149272

Ion Ratio Lower Upper

163 100

194 9.6 2.7 4.1#

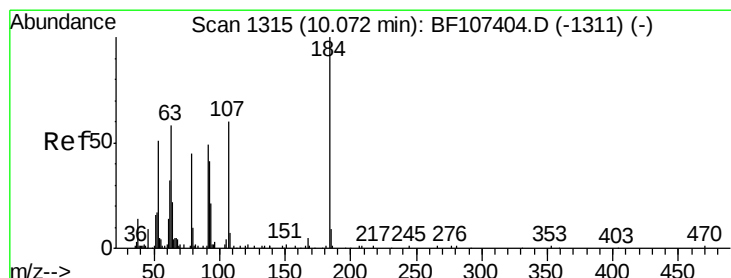
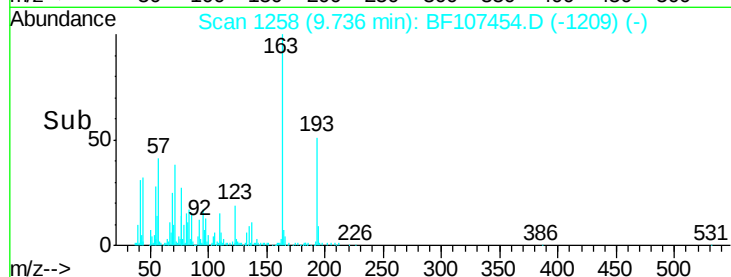
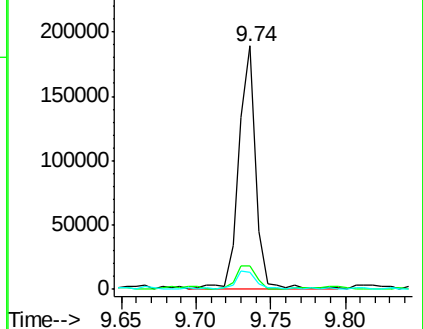
164 7.2 8.2 12.2#



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



#53

2,4-Dinitrophenol

Concen: 2.384 ng

RT: 10.10 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

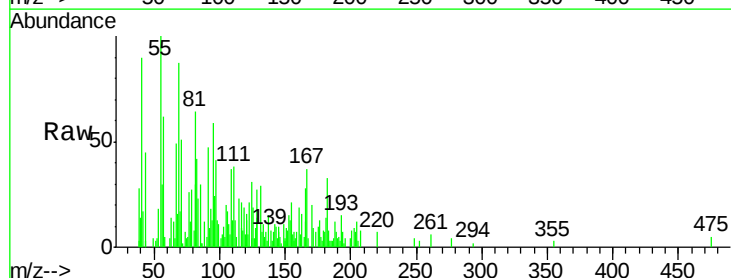
Tgt Ion:184 Resp: 136

Ion Ratio Lower Upper

184 100

63 449.7 54.2 81.2#

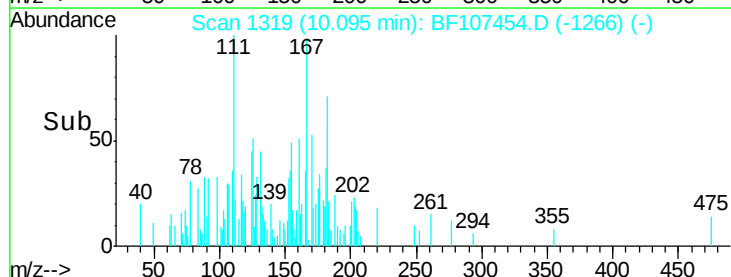
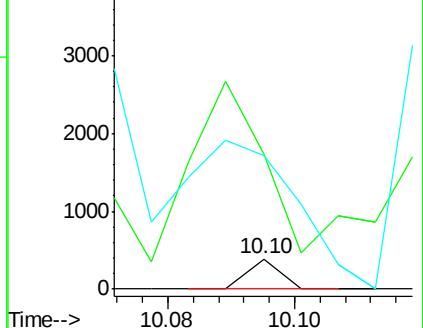
154 445.8 184.0 276.0#

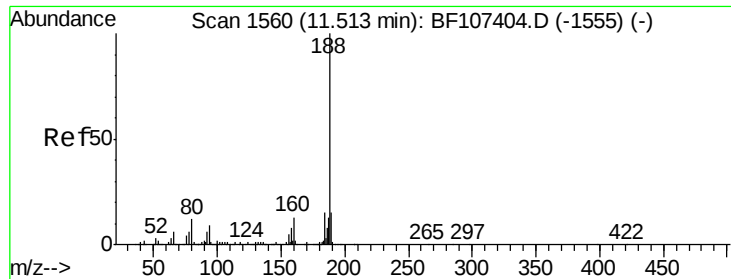


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

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TP-H-S

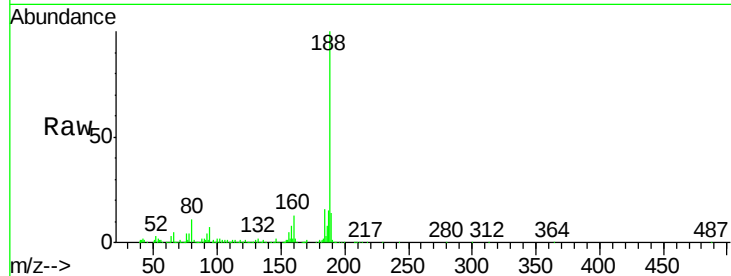
Tgt Ion:188 Resp: 494388

Ion Ratio Lower Upper

188 100

94 6.6 8.5 12.7#

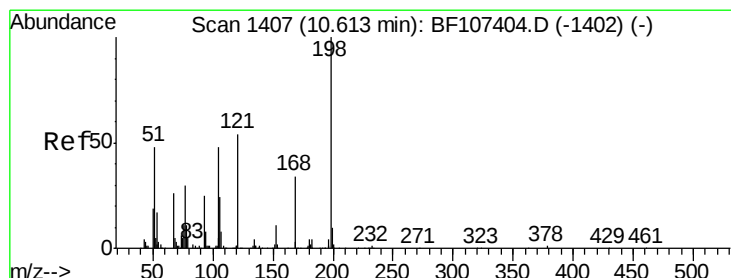
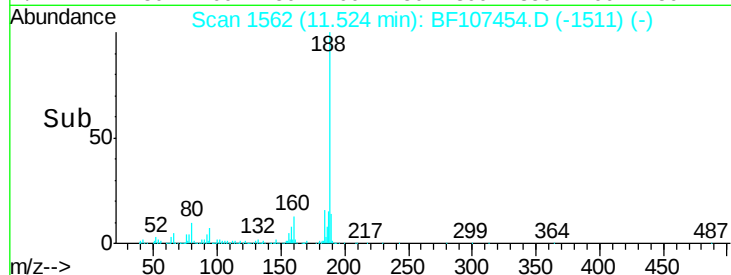
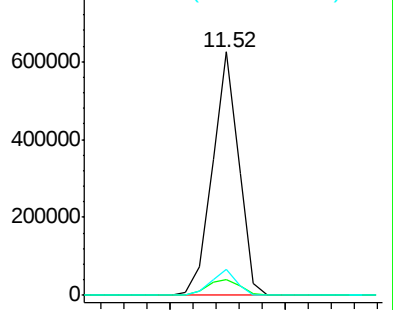
80 10.5 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.659 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

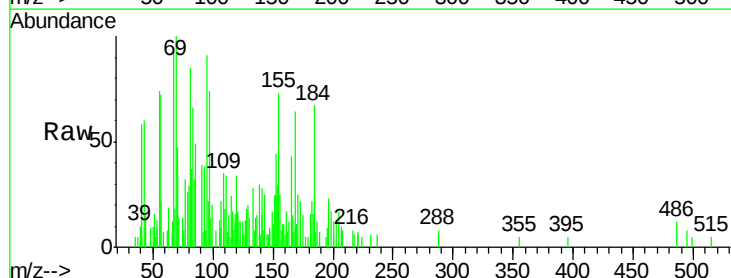
Tgt Ion:198 Resp: 534

Ion Ratio Lower Upper

198 100

51 93.4 37.7 77.7#

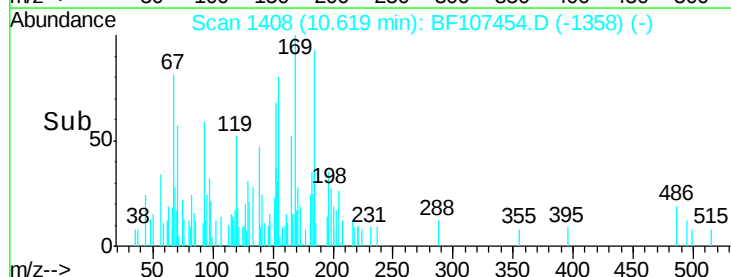
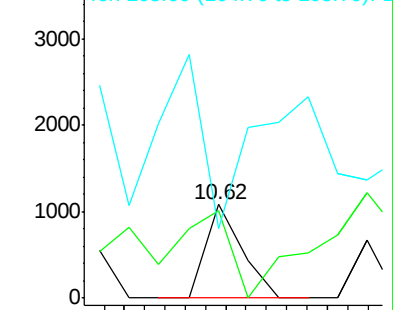
105 75.1 36.3 76.3

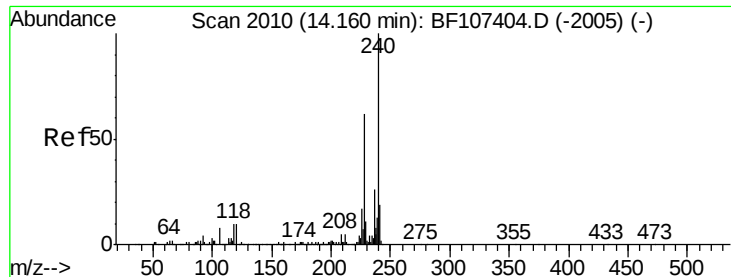


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

Instrument :

BNA_F

ClientSampleId :

TP-H-S

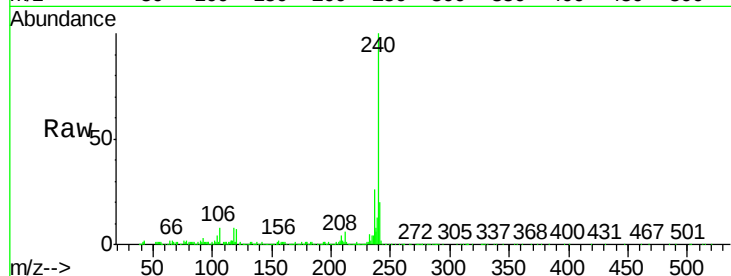
Tgt Ion:240 Resp: 447026

Ion Ratio Lower Upper

240 100

120 6.7 9.5 14.3#

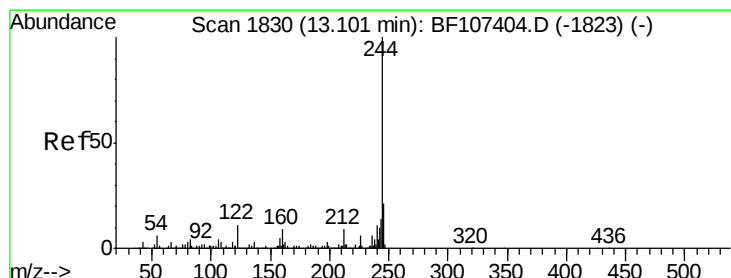
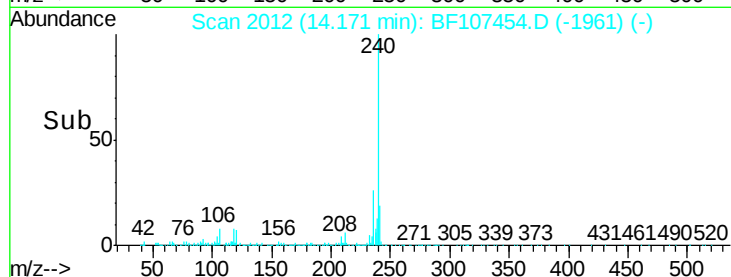
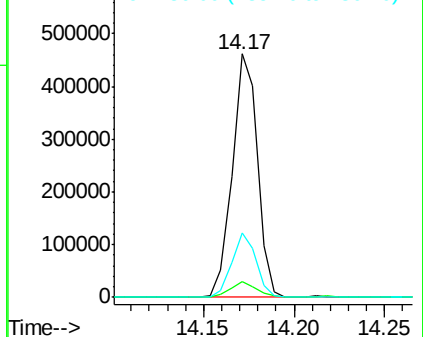
236 26.4 20.7 31.1



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: 38.476 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF107454.D

Acq: 17 Jul 2018 17:25

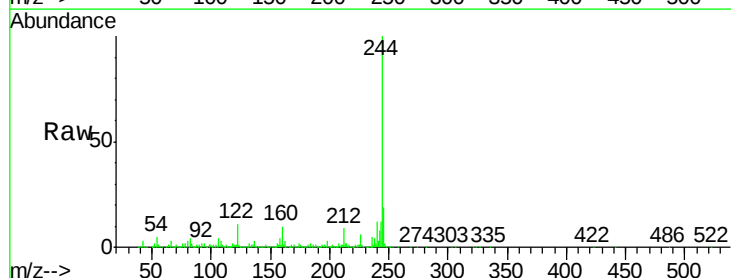
Tgt Ion:244 Resp: 692266

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

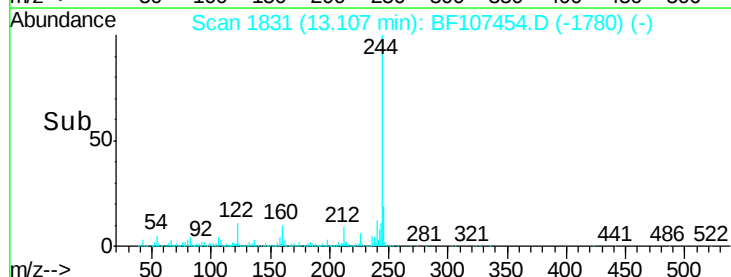
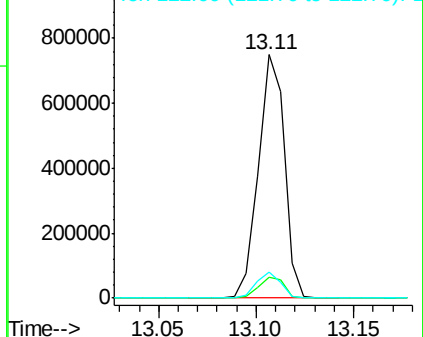
122 10.6 11.0 16.4#

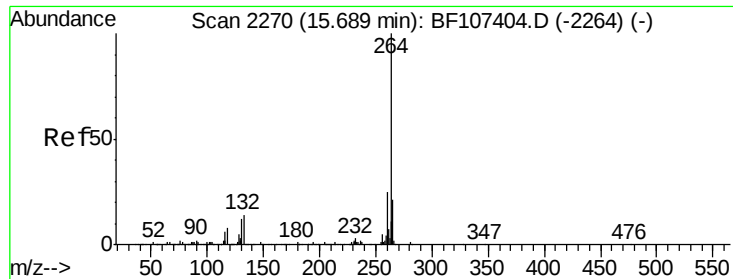


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107454.D
Acq: 17 Jul 2018 17:25

Instrument :
BNA_F
ClientSampleId :
TP-H-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

