

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107431.D
 Acq On : 17 Jul 2018 4:19
 Operator : JU/SJ
 Sample : J3819-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-A

Quant Time: Jul 17 06:08:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

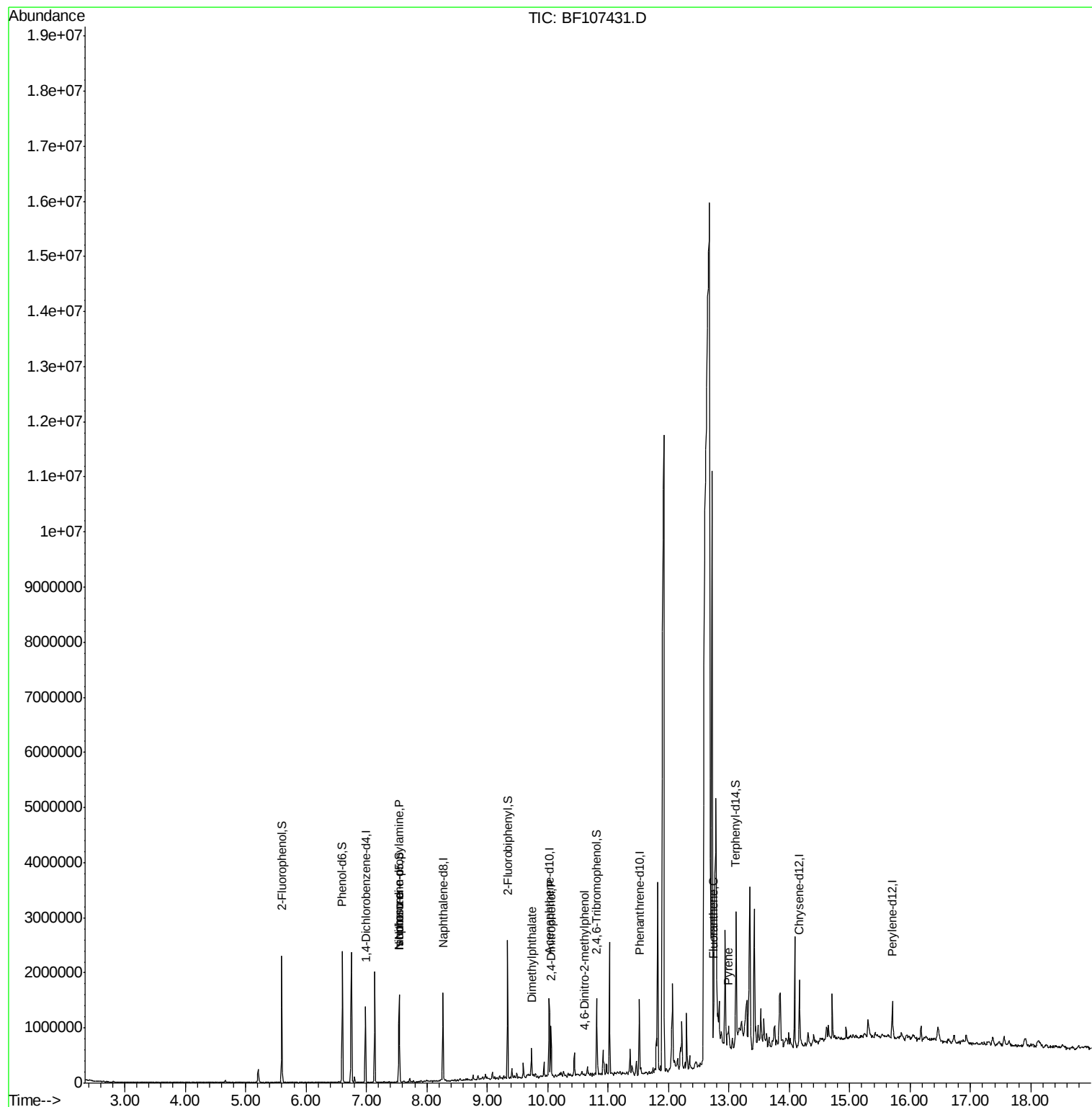
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145328	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	542636	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	245396	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	422577	20.00	ng	0.00
75) Chrysene-d12	14.17	240	386501	20.00	ng	0.01
86) Perylene-d12	15.71	264	245076	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	498695	52.12	ng	0.00
7) Phenol-d6	6.60	99	619879	50.11	ng	0.00
23) Nitrobenzene-d5	7.54	82	414583	40.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	103805	48.14	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	680203	40.55	ng	0.00
78) Terphenyl-d14	13.12	244	597519	38.41	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	67756	7.649	ng	# 79
25) Isophorone	7.54	82	412874	20.469	ng	# 64
49) Dimethylphthalate	9.73	163	121033	6.208	ng	98
53) 2,4-Dinitrophenol	10.05	184	1788	4.226	ng	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	109	7.530	ng	# 1
74) Fluoranthene	12.74	202	54632	2.282	ng	95
77) Pyrene	12.98	202	58943	2.243	ng	98

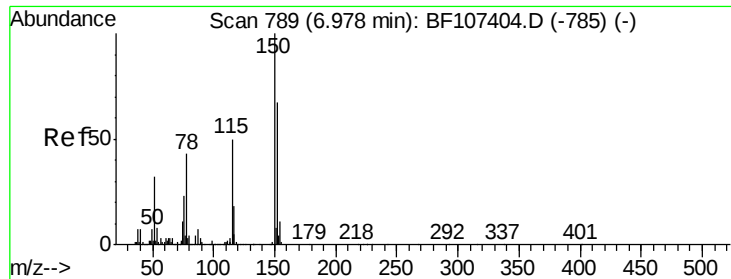
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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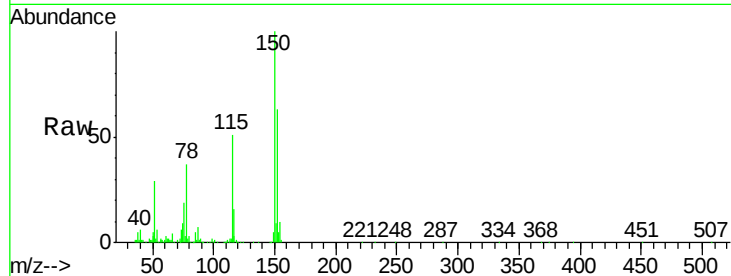


#1

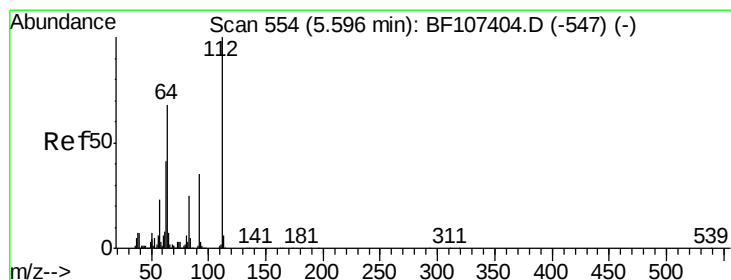
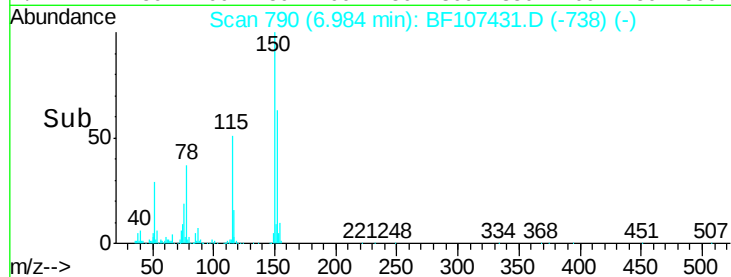
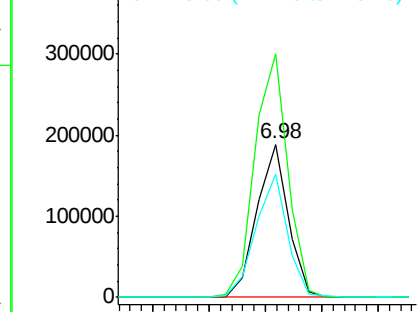
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF107431.D
 Acq: 17 Jul 2018 4:19

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	80.8	50.1	75.1#



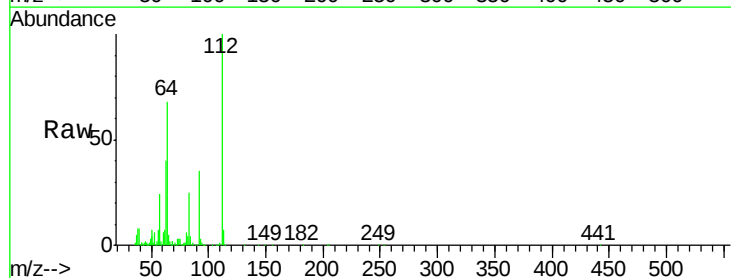
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



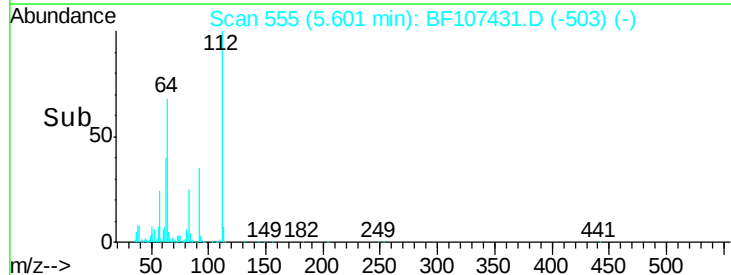
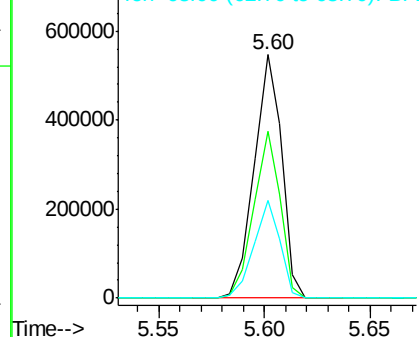
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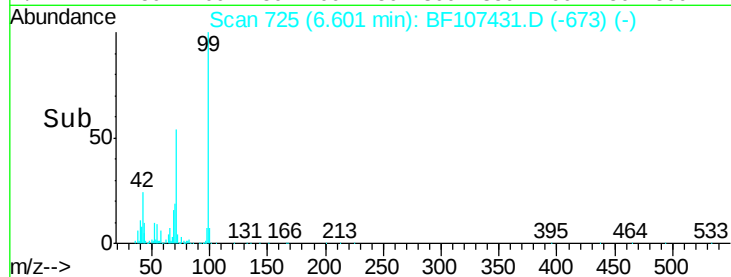
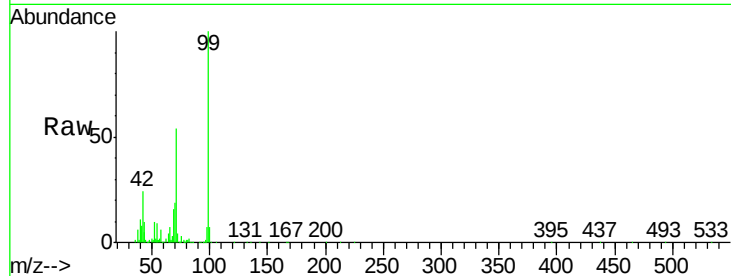
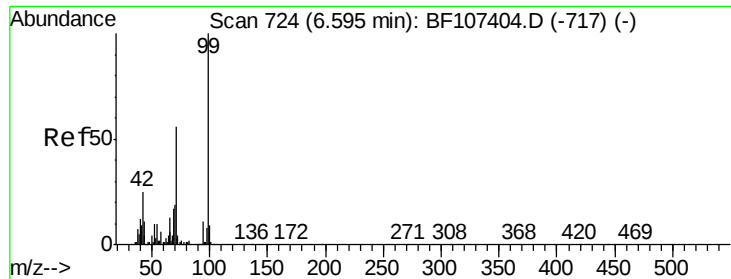
2-Fluorophenol
 Concen: 52.116 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107431.D
 Acq: 17 Jul 2018 4:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	39.9	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: 50.105 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-A

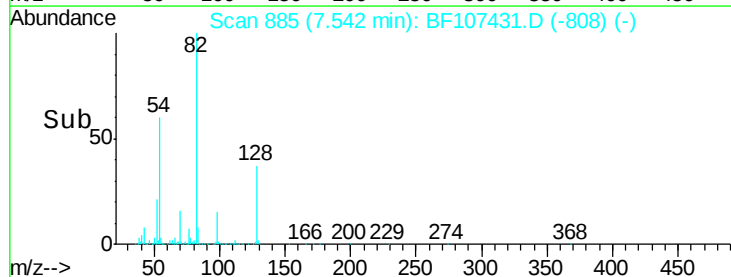
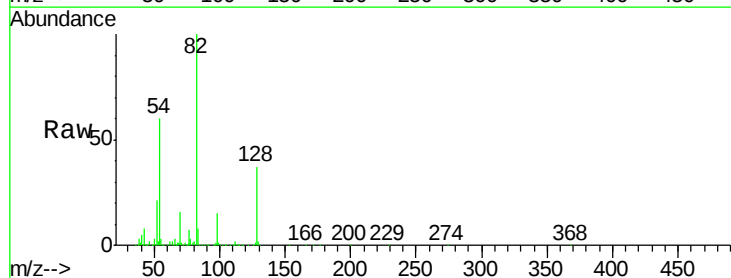
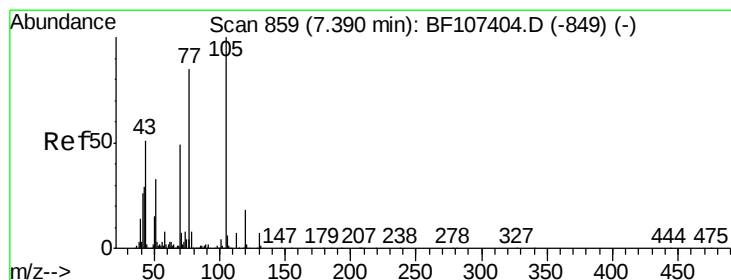
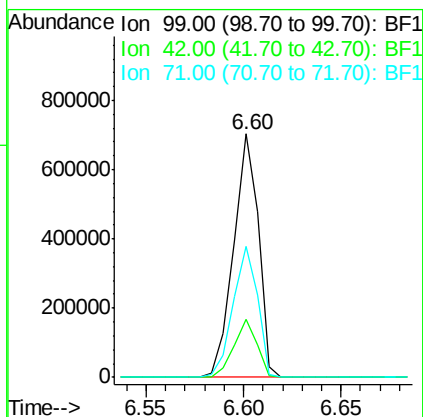
Tgt Ion: 99 Resp: 619879

Ion Ratio Lower Upper

99 100

42 24.0 14.5 21.7#

71 53.7 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 7.649 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

Tgt Ion: 70 Resp: 67756

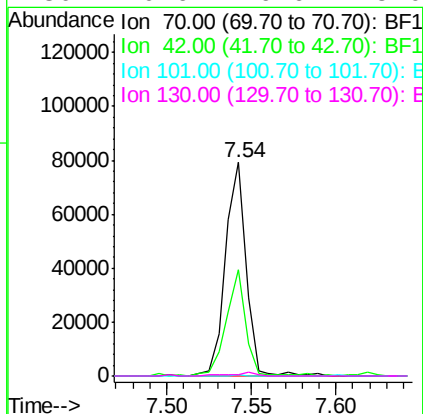
Ion Ratio Lower Upper

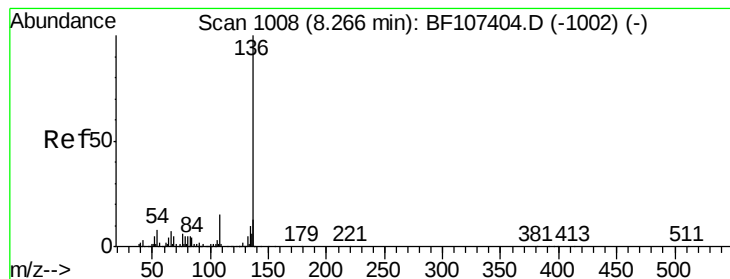
70 100

42 49.9 47.5 71.3

101 0.4 7.4 11.2#

130 0.6 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-A

Tgt Ion: 136 Resp: 542636

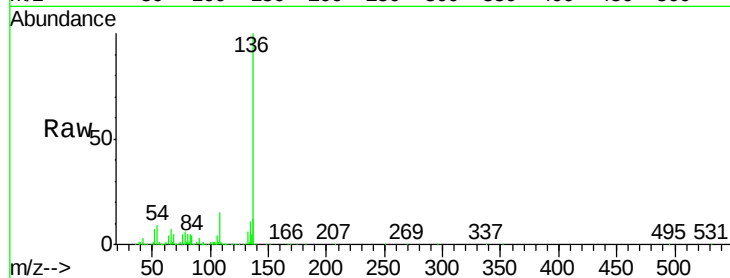
Ion Ratio Lower Upper

136 100

137 12.1 8.9 13.3

54 8.7 6.6 9.8

68 5.4 5.0 7.4

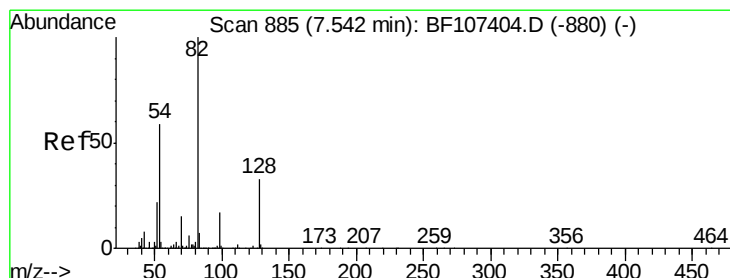
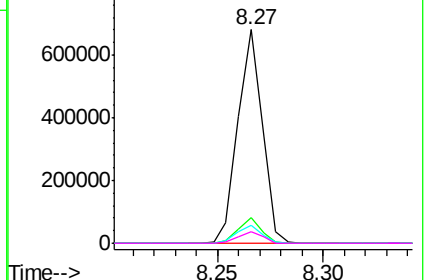
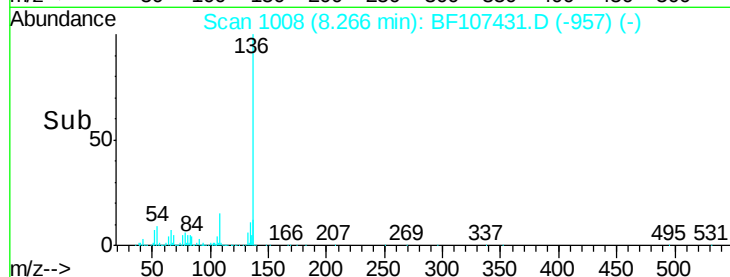


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.741 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

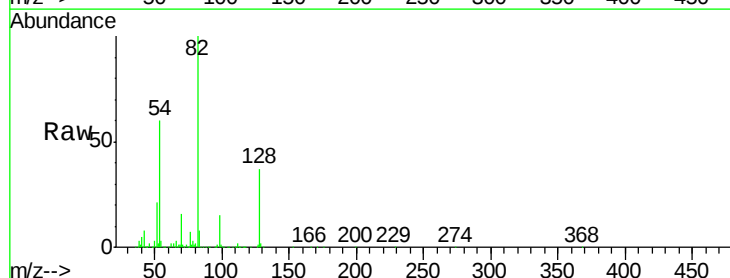
Tgt Ion: 82 Resp: 414583

Ion Ratio Lower Upper

82 100

128 37.2 36.1 54.1

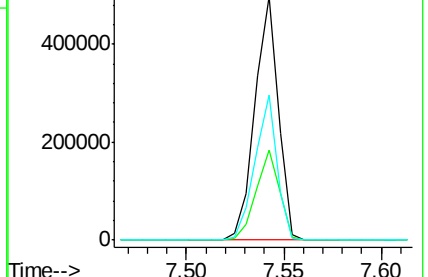
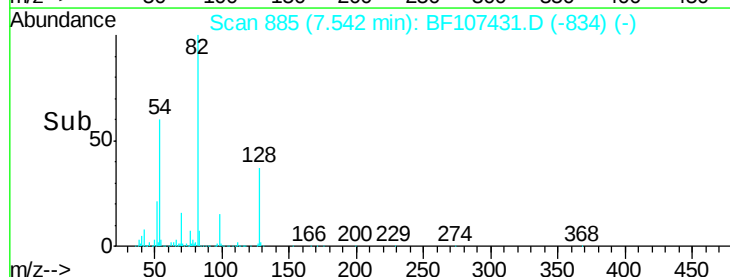
54 59.8 41.4 62.2

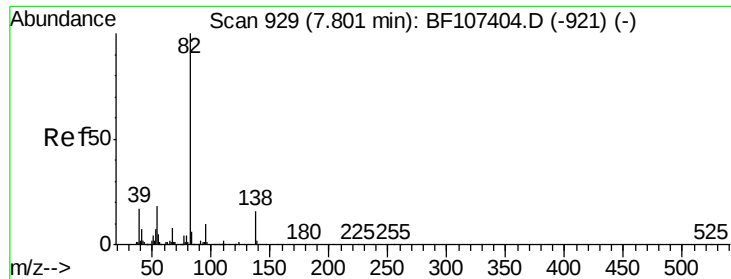


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 20.469 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

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AU-05-071318-A

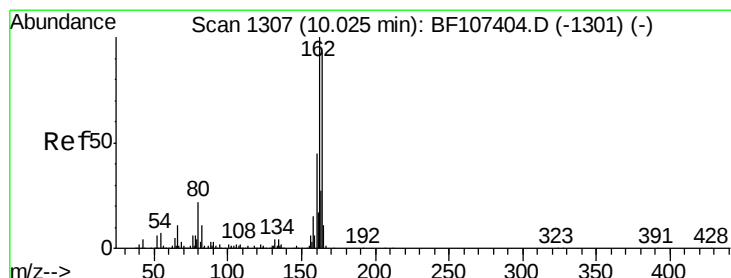
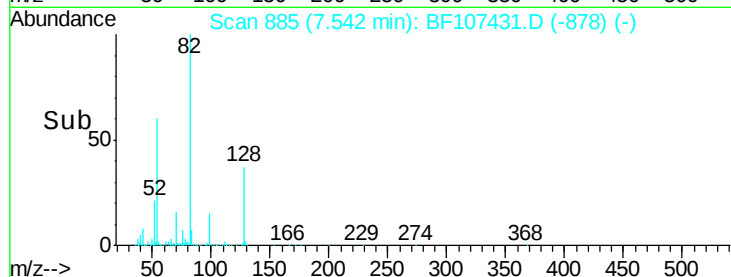
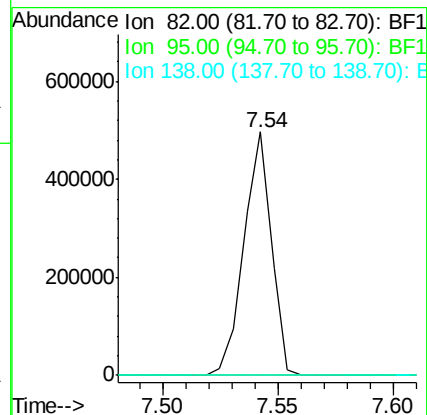
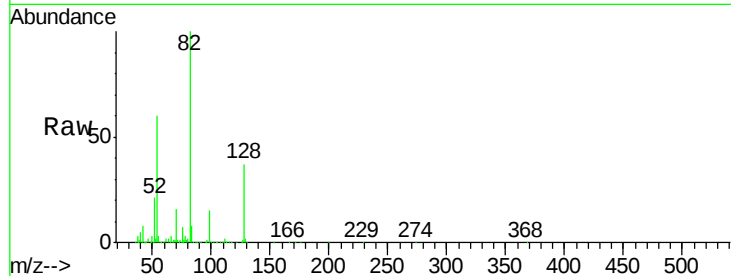
Tgt Ion: 82 Resp: 412874

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

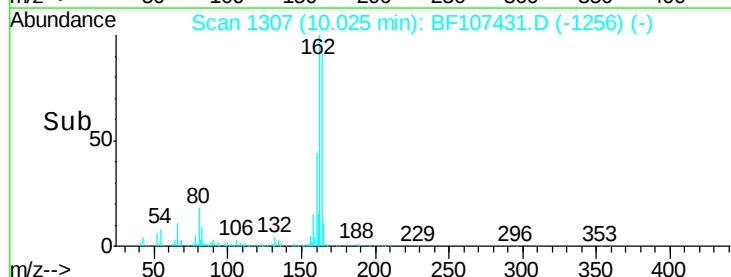
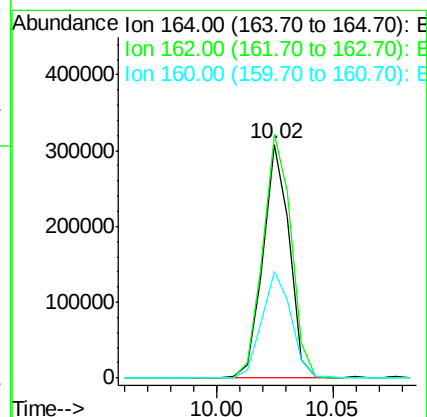
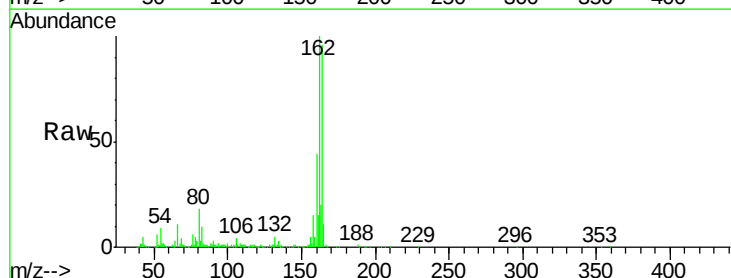
Tgt Ion: 164 Resp: 245396

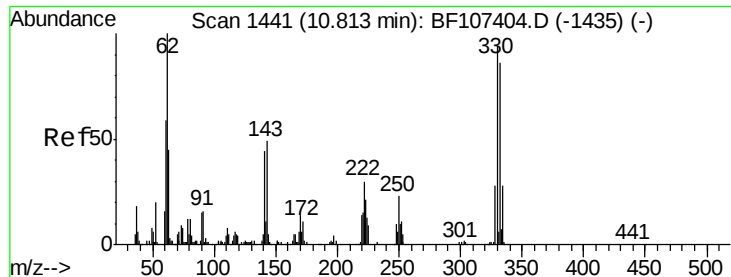
Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

160 45.7 38.3 57.5

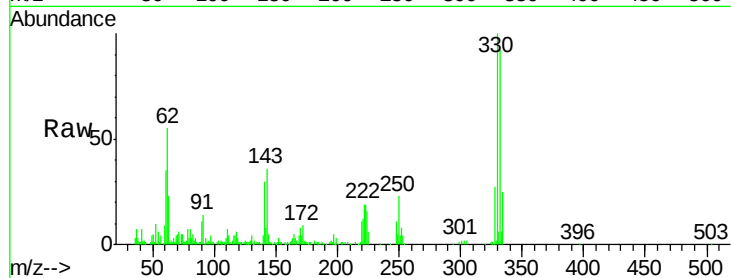




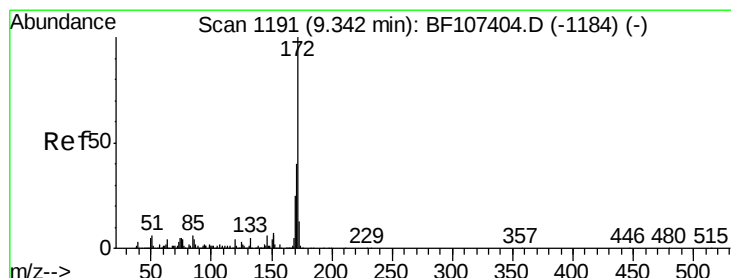
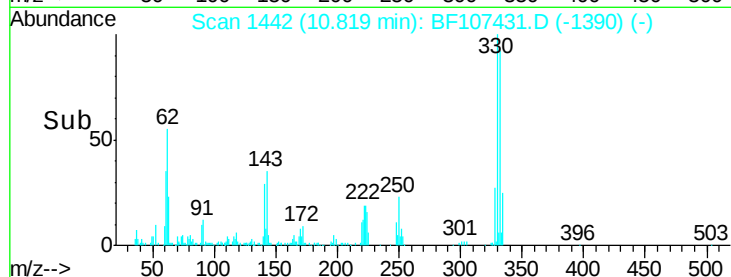
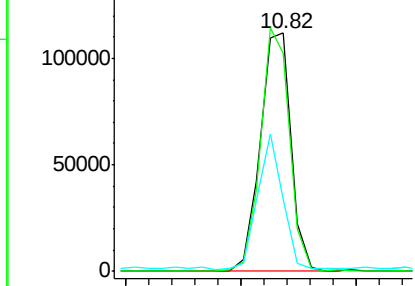
#41
 2,4,6-Tribromophenol
 Concen: 48.145 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF107431.D
 Acq: 17 Jul 2018 4:19

Instrument :
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Tgt Ion: 330 Resp: 103805
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.5 29.9 44.9#

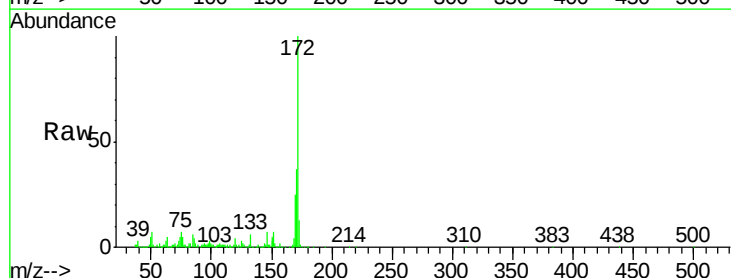


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

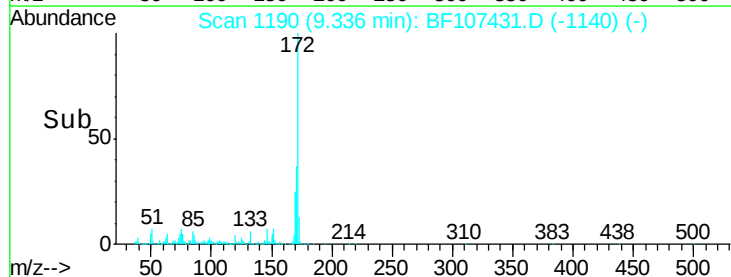
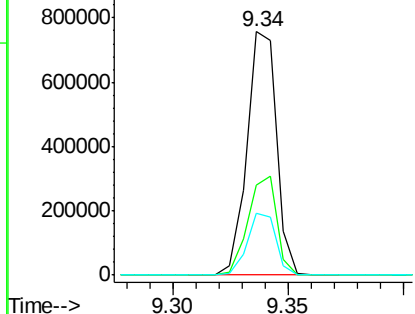


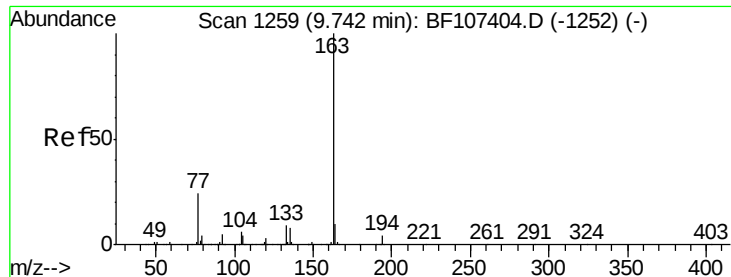
#44
 2-Fluorobiphenyl
 Concen: 40.548 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF107431.D
 Acq: 17 Jul 2018 4:19

Tgt Ion: 172 Resp: 680203
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 25.4 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: 6.208 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

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ClientSampleId :

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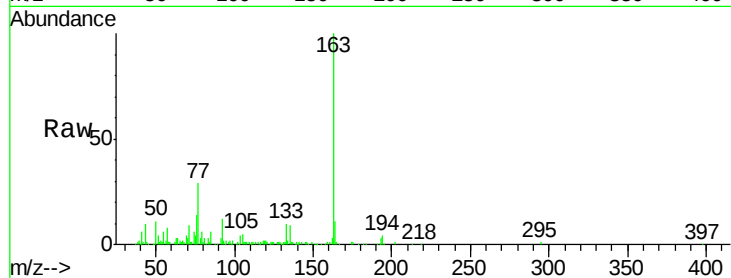
Tgt Ion:163 Resp: 121033

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

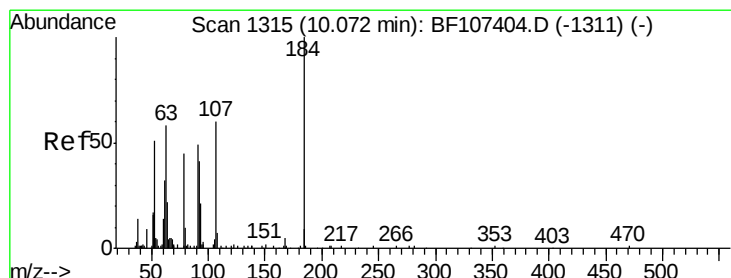
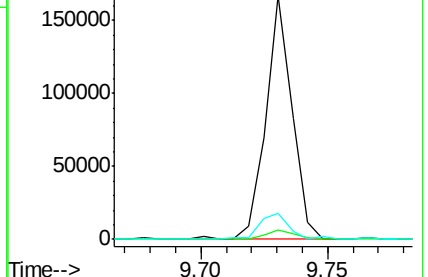
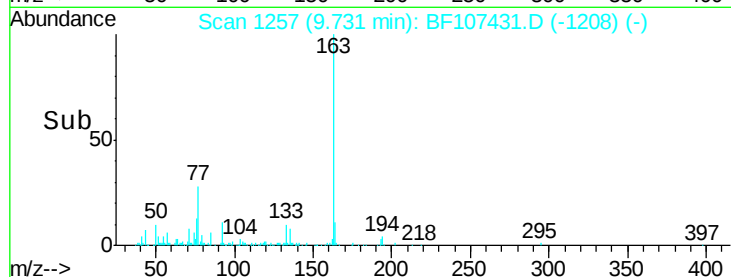
164 10.8 8.2 12.2



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: 4.226 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

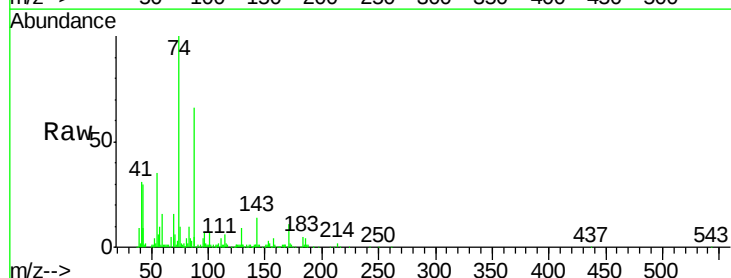
Tgt Ion:184 Resp: 1788

Ion Ratio Lower Upper

184 100

63 66.5 54.2 81.2

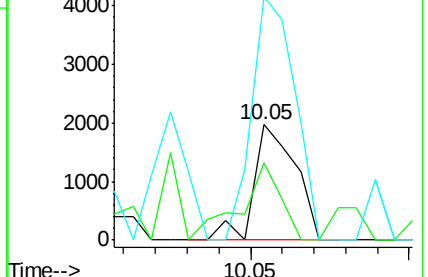
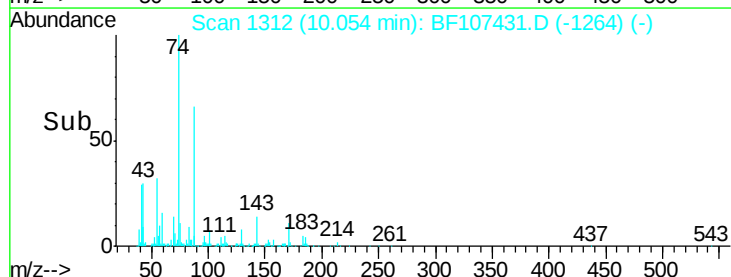
154 211.3 184.0 276.0

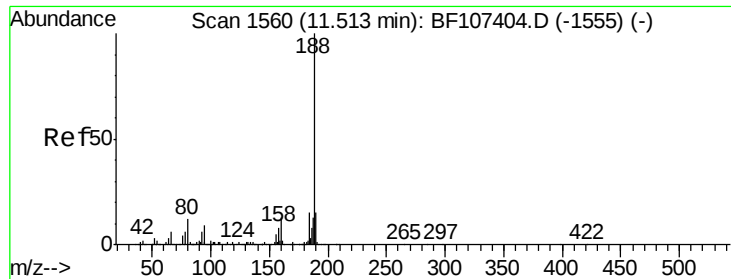


Abundance Ion 184.00 (183.70 to 184.70): E

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# 1561

Delta R.T. 0.01 min

Lab File: BF107431.D

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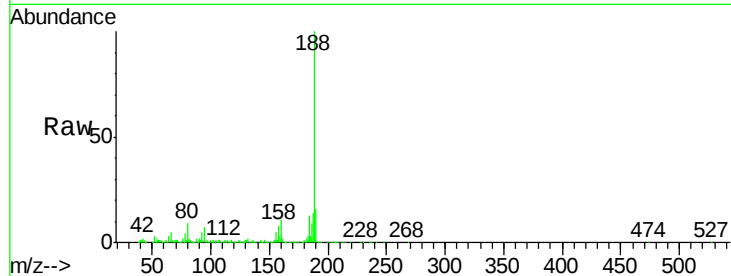
Tgt Ion:188 Resp: 422577

Ion Ratio Lower Upper

188 100

94 6.8 8.5 12.7#

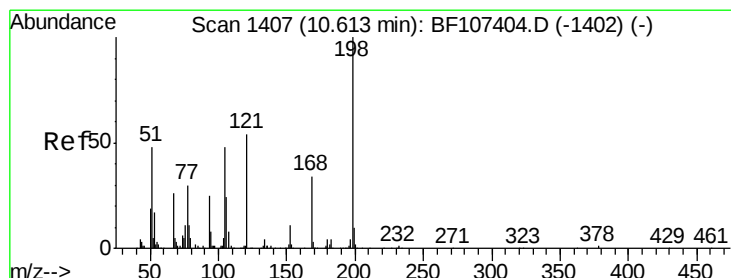
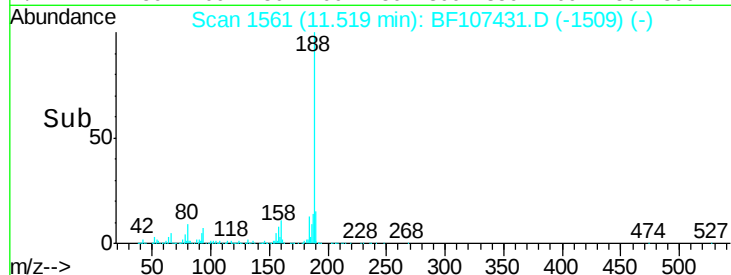
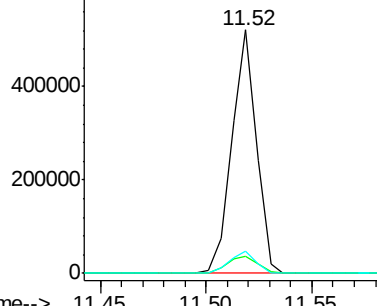
80 9.4 9.2 13.8



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: 7.530 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

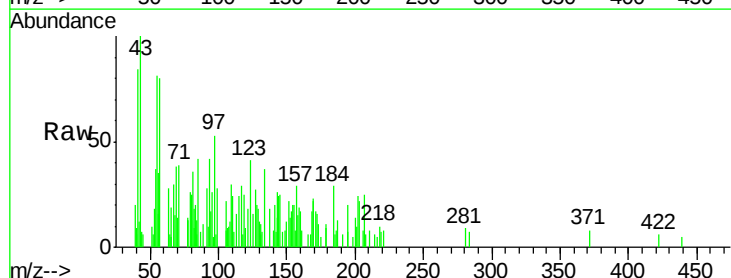
Tgt Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 196.8 37.7 77.7#

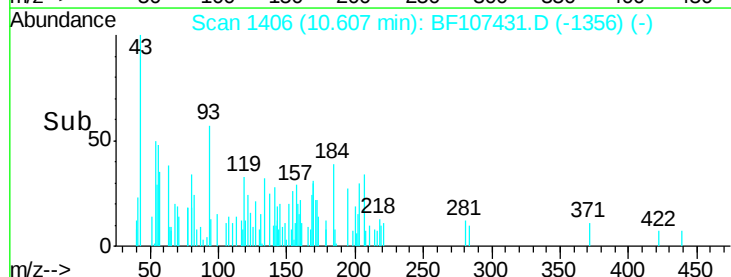
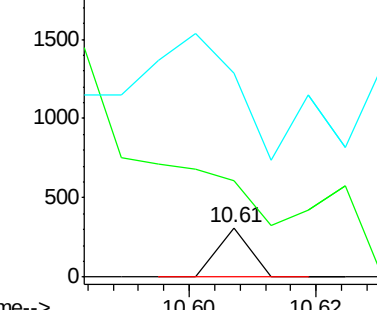
105 414.5 36.3 76.3#

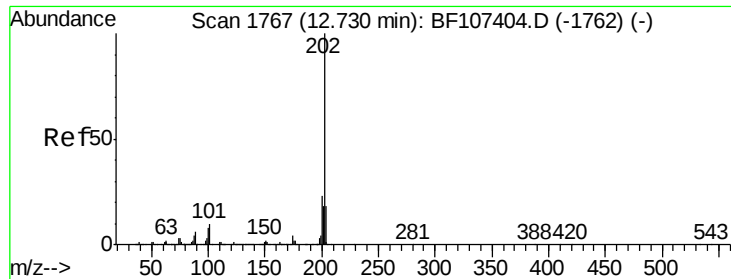


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#74

Fluoranthene

Concen: 2.282 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-A

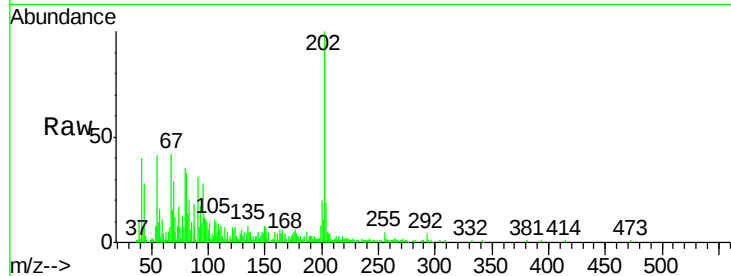
Tgt Ion:202 Resp: 54632

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

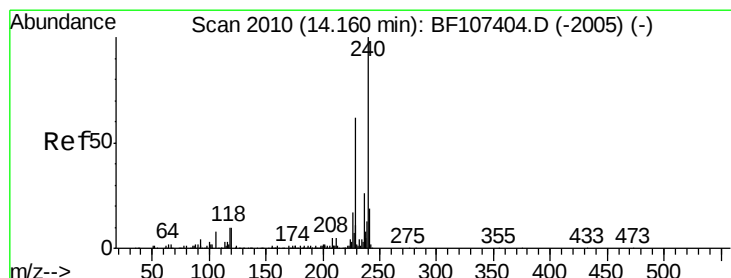
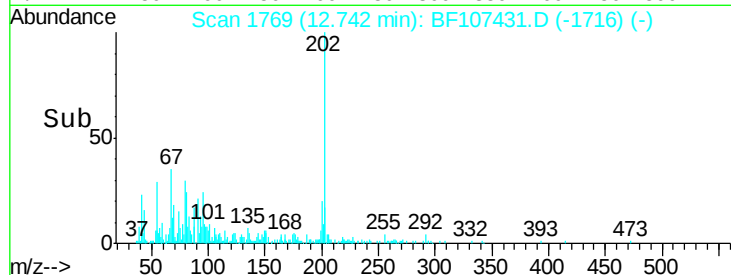
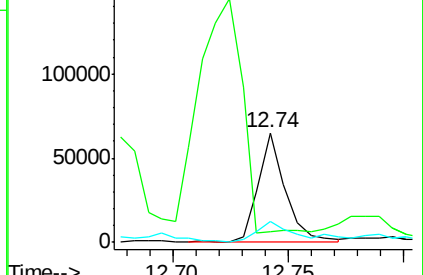
203 18.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

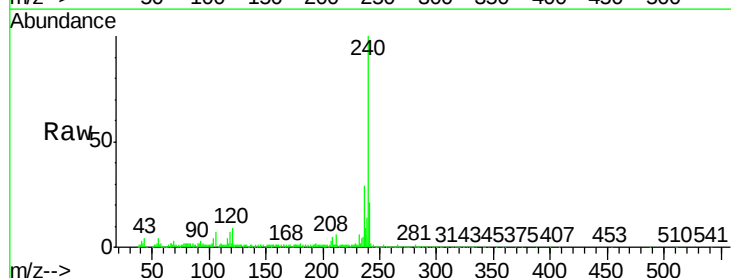
Tgt Ion:240 Resp: 386501

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

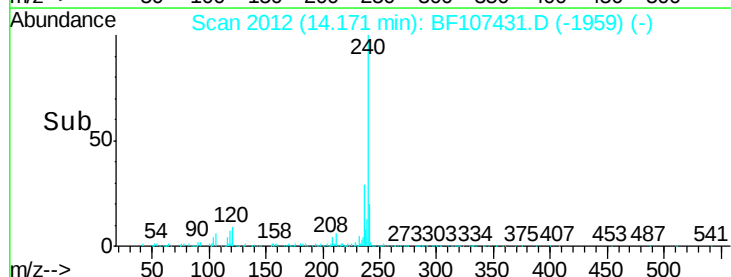
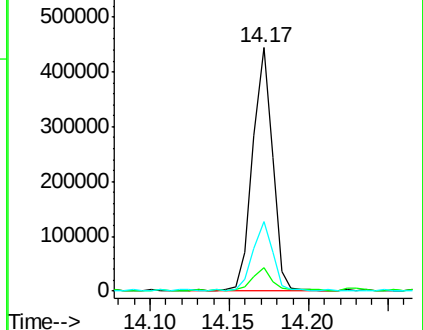
236 28.8 20.7 31.1

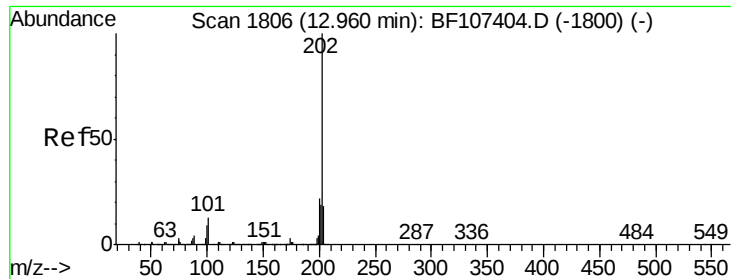


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.243 ng

RT: 12.98 min Scan# 1810

Delta R.T. 0.02 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-A

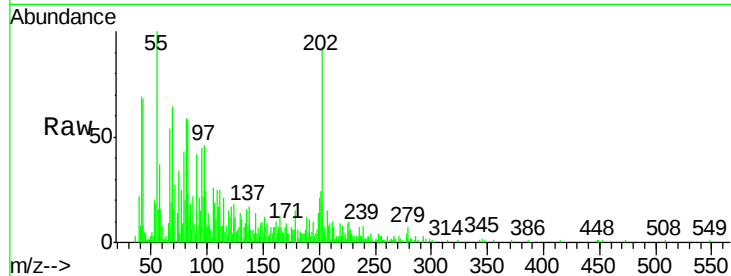
Tgt Ion: 202 Resp: 58943

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

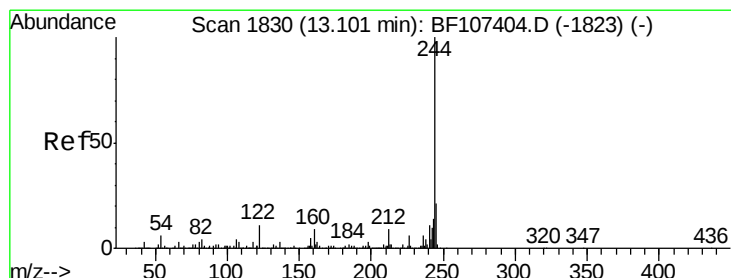
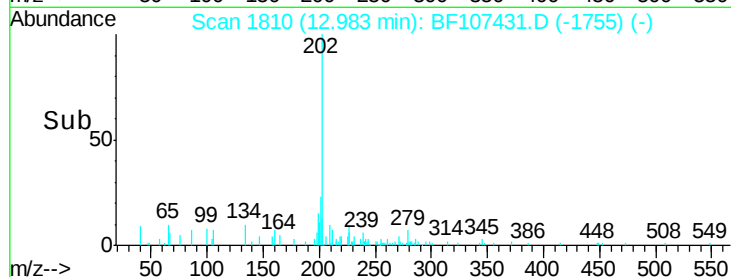
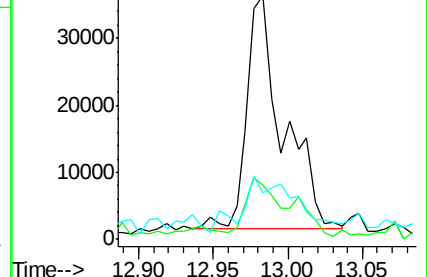
203 19.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.411 ng

RT: 13.12 min Scan# 1833

Delta R.T. 0.02 min

Lab File: BF107431.D

Acq: 17 Jul 2018 4:19

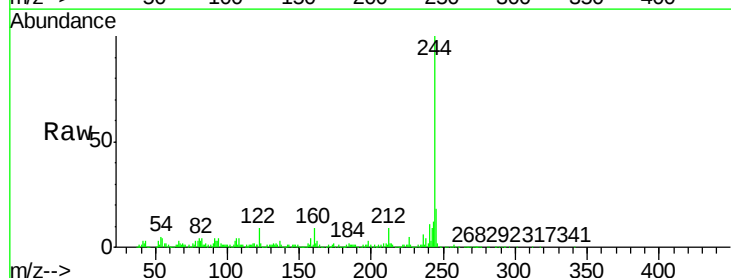
Tgt Ion: 244 Resp: 597519

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

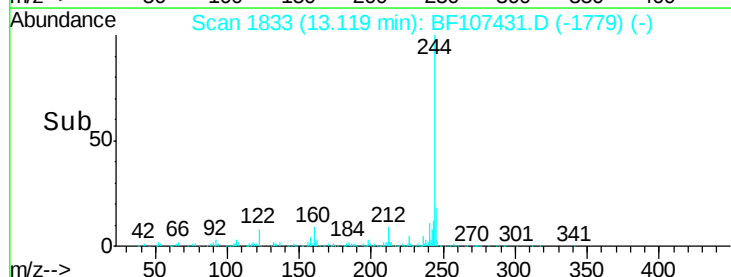
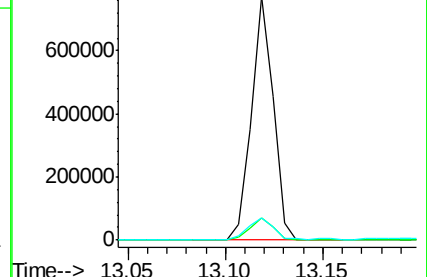
122 8.9 11.0 16.4#

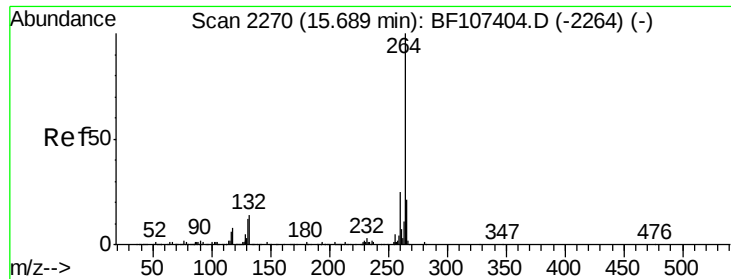


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

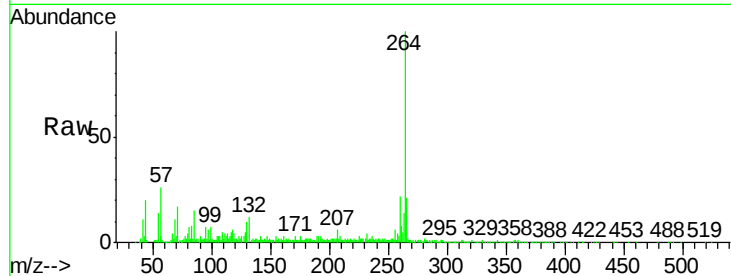




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.7	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

