

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107445.D
 Acq On : 17 Jul 2018 13:21
 Operator : JU/SJ
 Sample : J3819-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 17 14:56:43 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	117068	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	482437	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	244341	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	509213	20.00	ng	0.00
75) Chrysene-d12	14.17	240	450171	20.00	ng	0.00
86) Perylene-d12	15.71	264	409966	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	357610	46.39	ng	0.00
7) Phenol-d6	6.60	99	450598	45.21	ng	0.00
23) Nitrobenzene-d5	7.54	82	311501	34.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	105773	49.27	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	548415	30.47	ng	-0.01
78) Terphenyl-d14	13.10	244	641322	35.40	ng	0.00

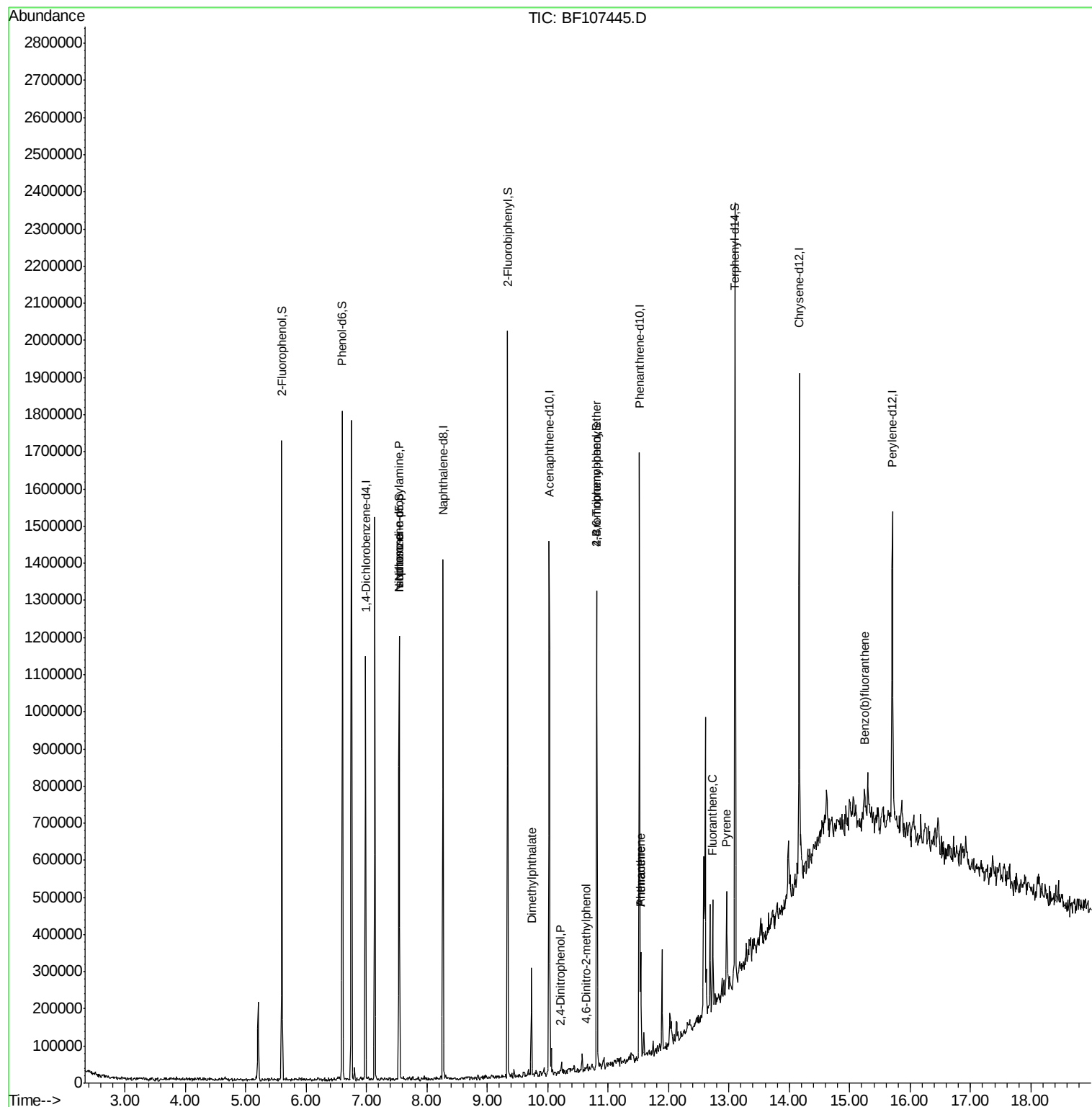
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	50106	7.022	ng	# 79
25) Isophorone	7.54	82	310240	17.300	ng	# 64
49) Dimethylphthalate	9.73	163	85965	4.428	ng	# 98
53) 2,4-Dinitrophenol	10.21	184	265	2.546	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.64	198	124	7.528	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	15695	2.694	ng	# 1
70) Phenanthrene	11.54	178	80465	3.171	ng	93
71) Anthracene	11.54	178	80465	3.183	ng	94
74) Fluoranthene	12.74	202	110635	3.836	ng	89
77) Pyrene	12.97	202	101924	3.329	ng	98
87) Benzo(b)fluoranthene	15.24	252	54876	2.287	ng	# 61

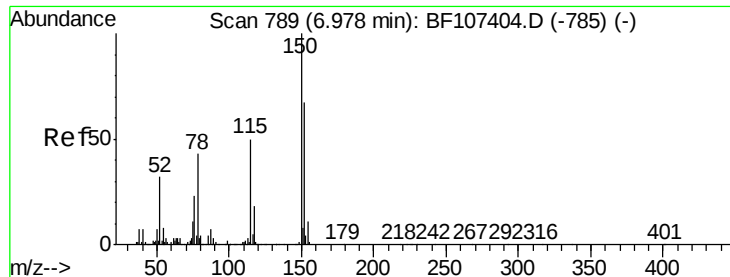
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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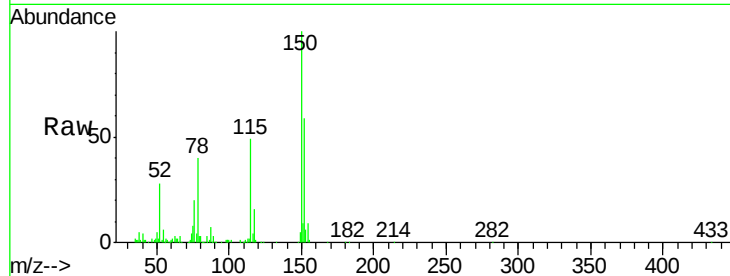


#1

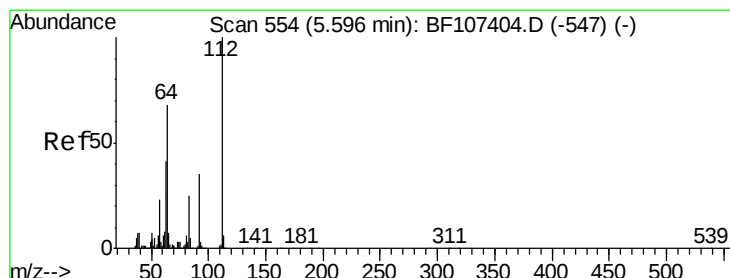
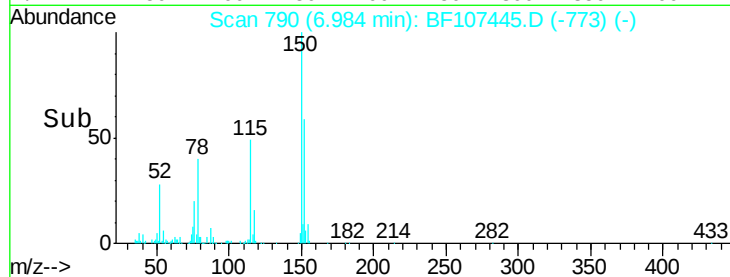
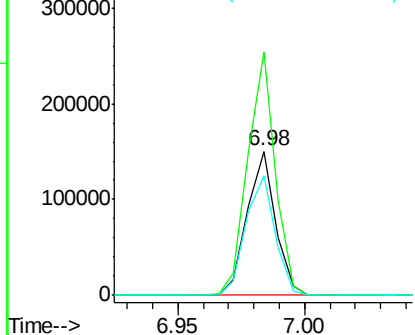
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	169.2	124.6	186.8
115	83.0	50.1	75.1



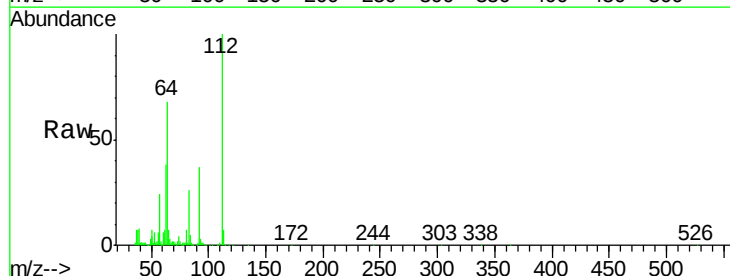
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



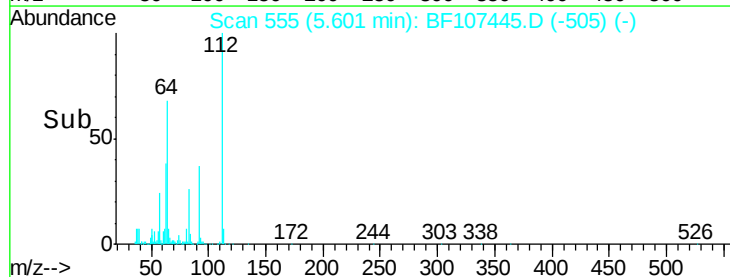
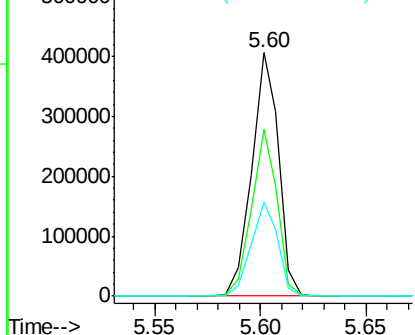
#5

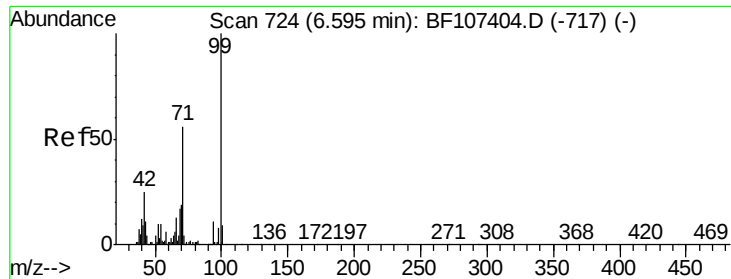
2-Fluorophenol
 Concen: 46.393 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	38.5	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: 45.214 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D

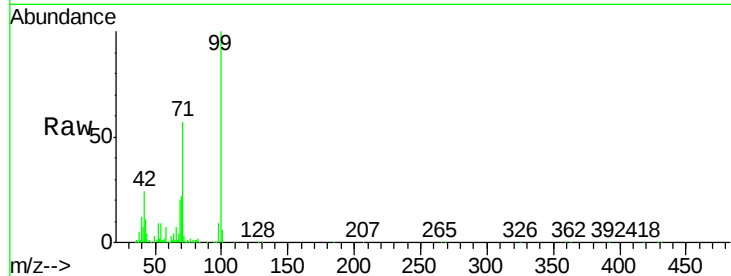
Tgt Ion: 99 Resp: 450598

Ion Ratio Lower Upper

99 100

42 24.0 14.5 21.7#

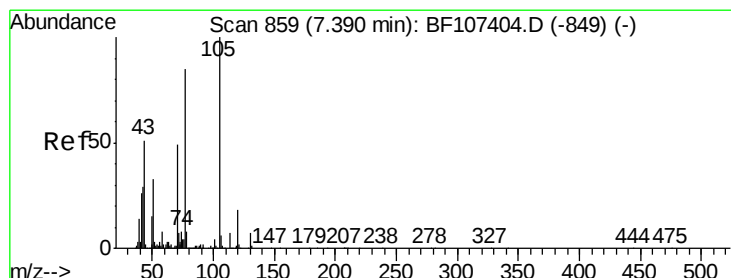
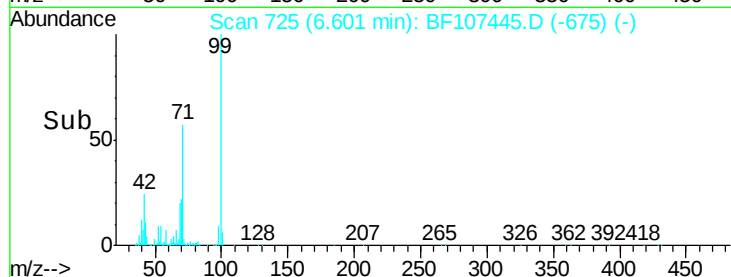
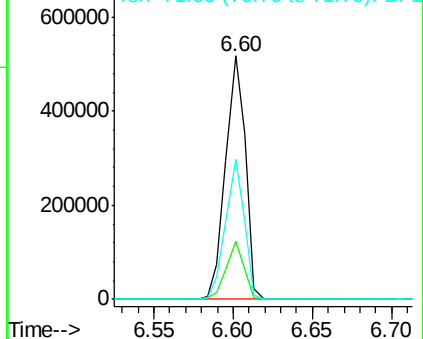
71 57.4 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.022 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Tgt Ion: 70 Resp: 50106

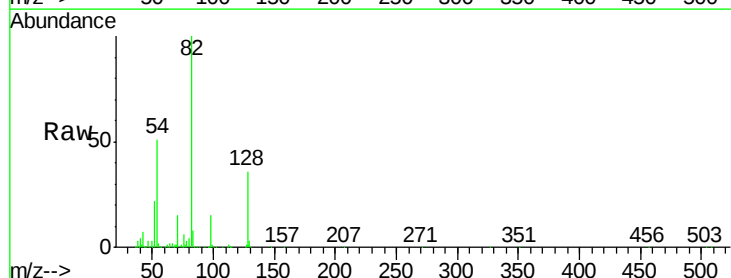
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

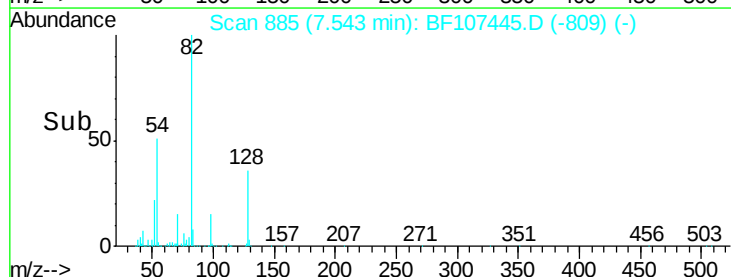
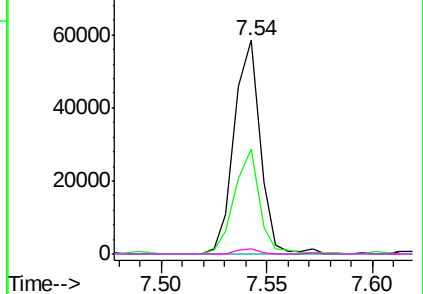


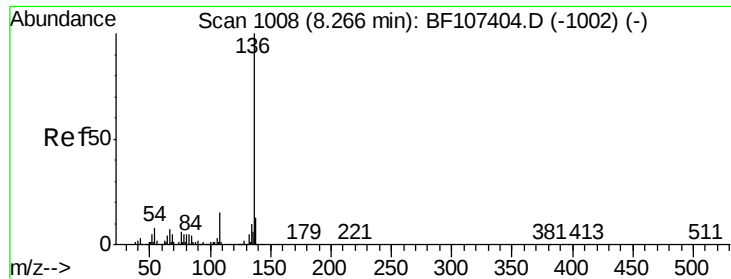
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

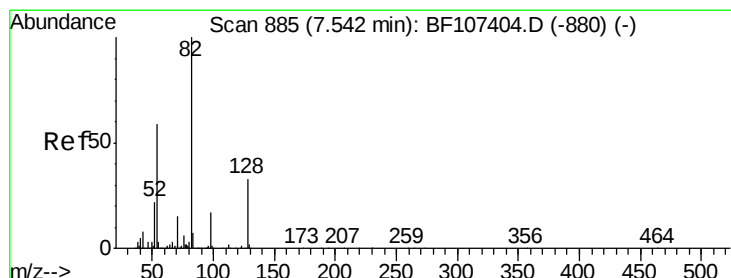
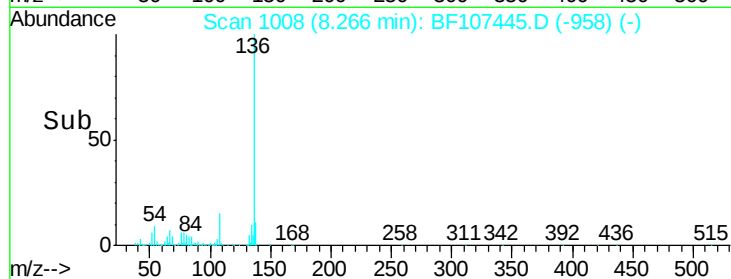
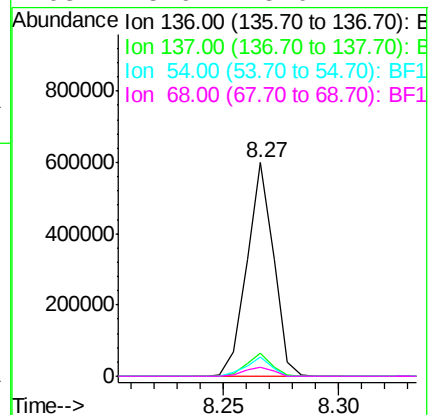
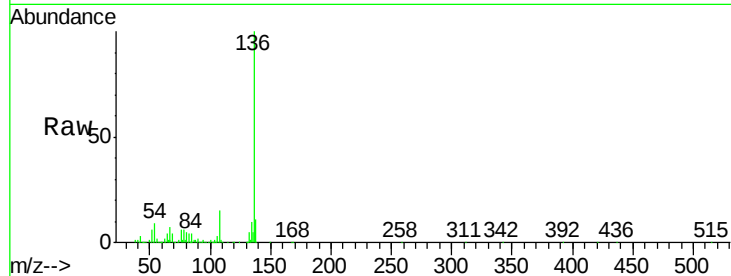




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

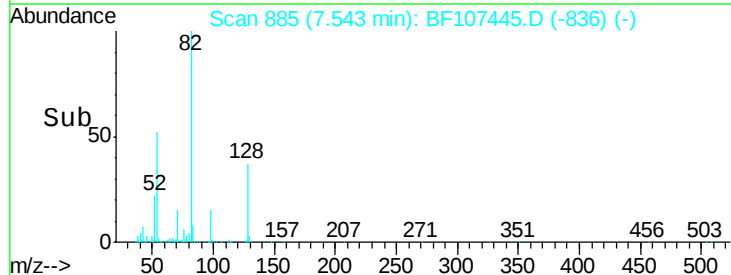
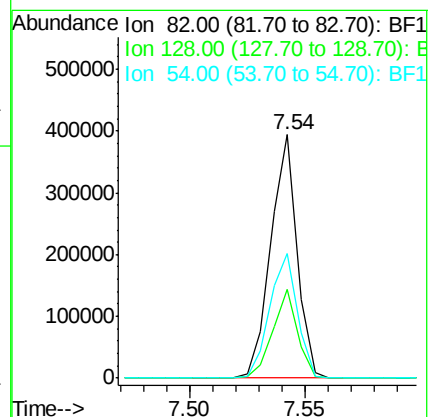
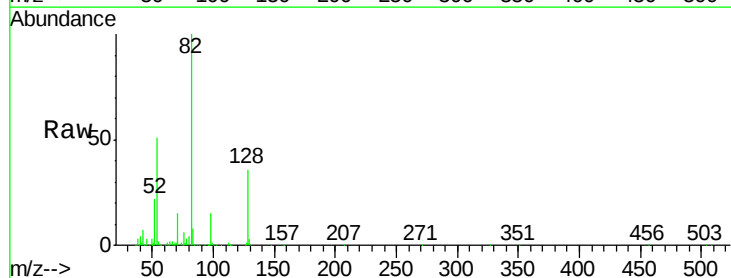
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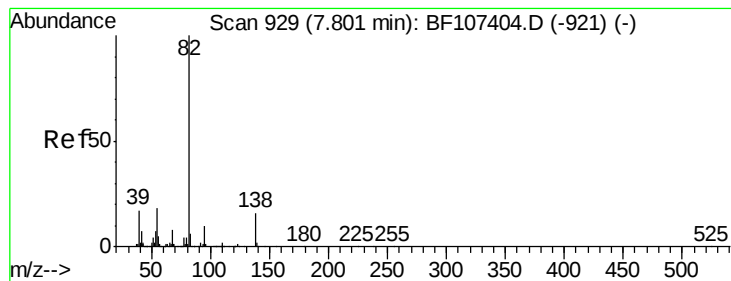
Tgt Ion:	136	Resp:	482437
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	6.6	9.8
68	3.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 34.430 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

Tgt Ion:	82	Resp:	311501
Ion	Ratio	Lower	Upper
82	100		
128	36.5	36.1	54.1
54	51.4	41.4	62.2





#25

Isophorone

Concen: 17.300 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D

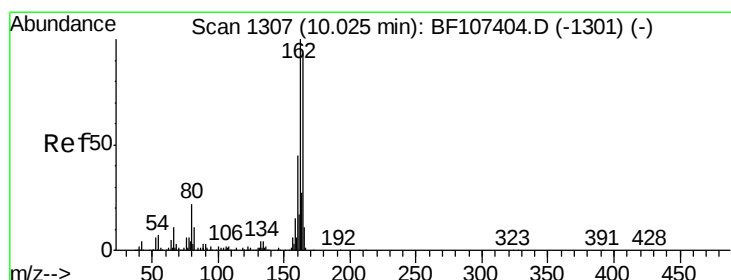
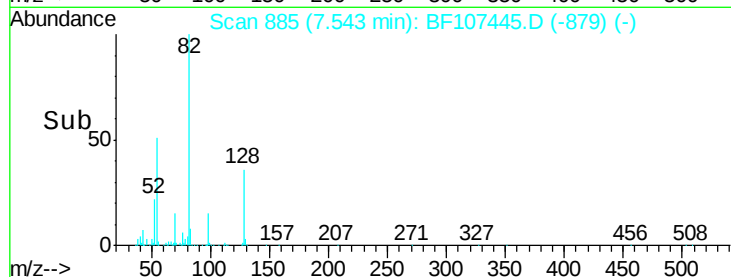
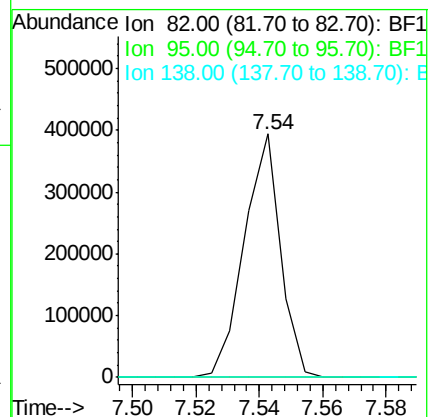
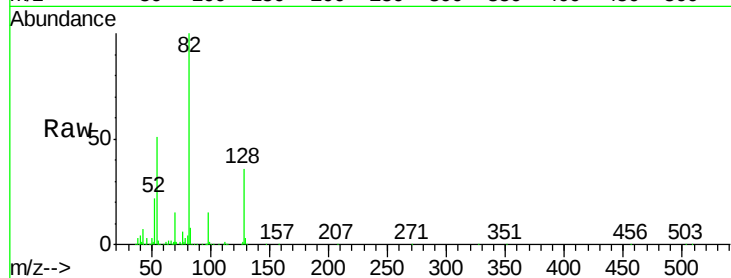
Tgt Ion: 82 Resp: 310240

Ion Ratio Lower Upper

82 100

95 0.1 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. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

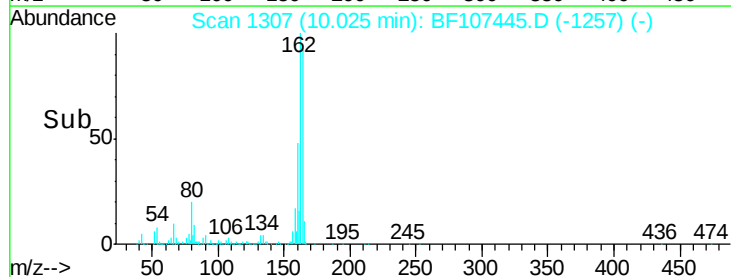
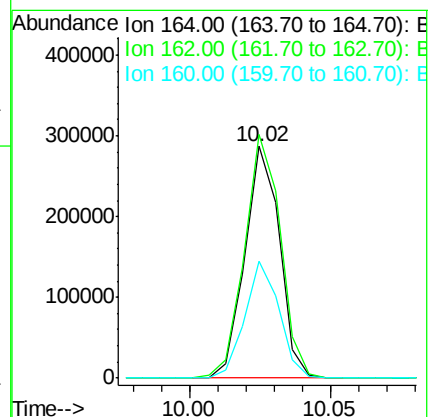
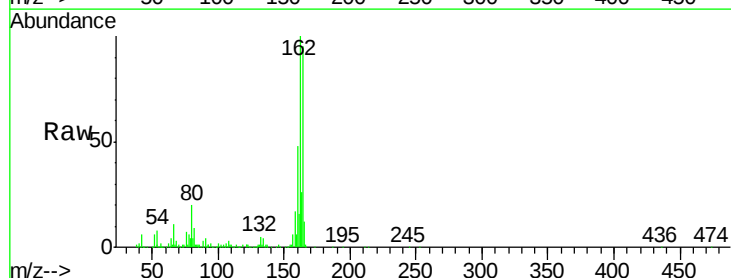
Tgt Ion: 164 Resp: 244341

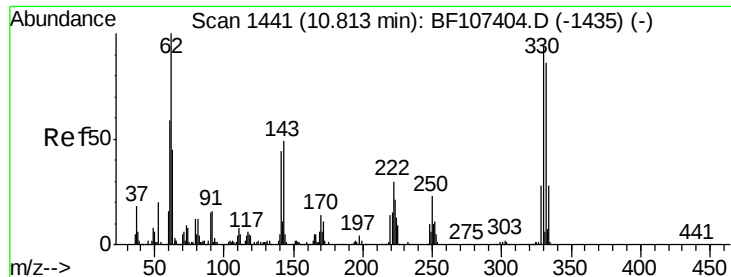
Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

160 50.7 38.3 57.5

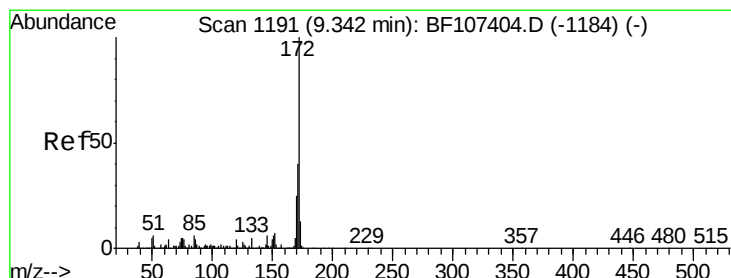
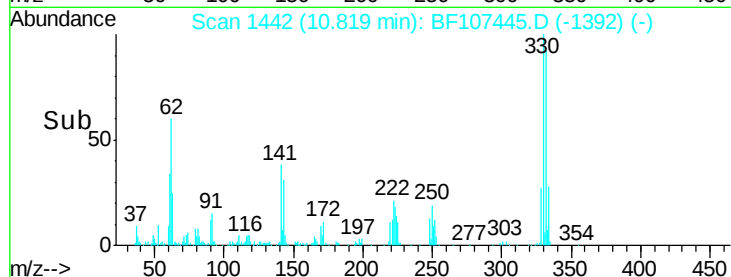
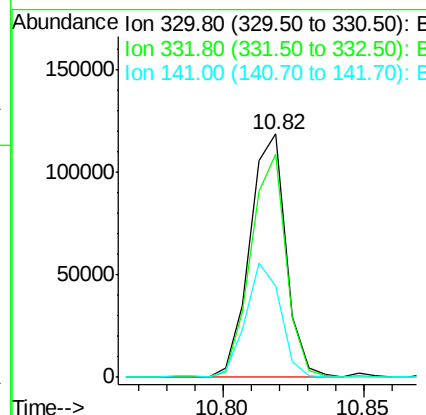
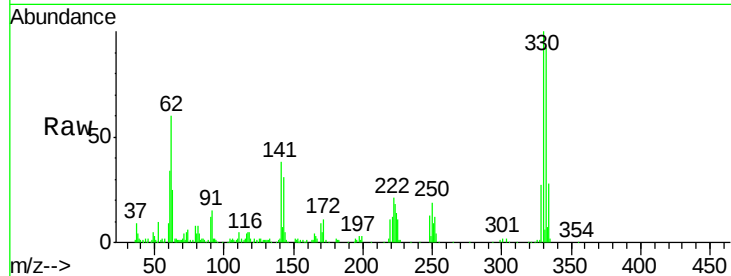




#41
 2,4,6-Tribromophenol
 Concen: 49.270 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

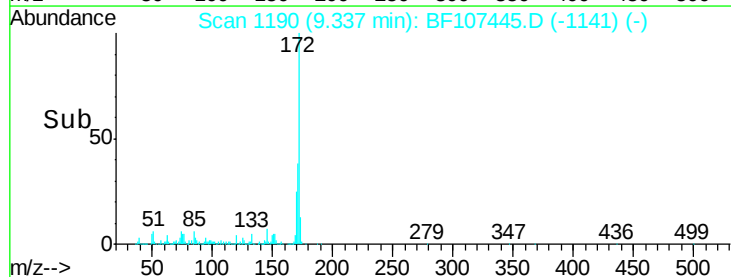
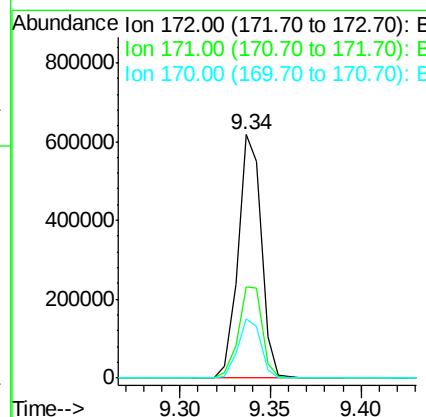
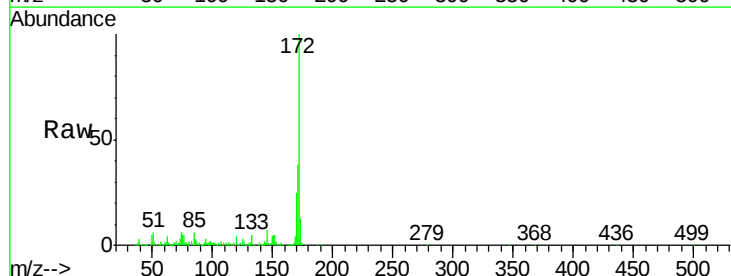
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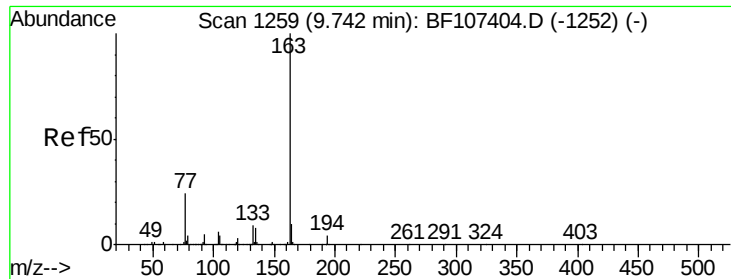
Tgt Ion:330 Resp: 105773
 Ion Ratio Lower Upper
 330 100
 332 89.2 77.0 115.6
 141 46.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 30.469 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Tgt Ion:172 Resp: 548415
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 24.5 19.6 29.4





#49

Dimethylphthalate

Concen: 4.428 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D

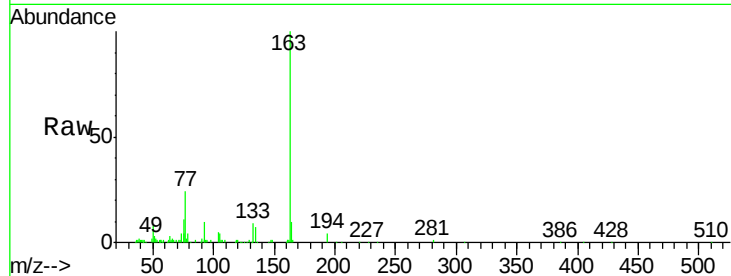
Tgt Ion:163 Resp: 85965

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

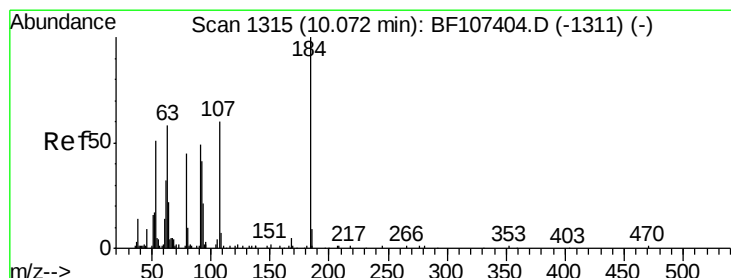
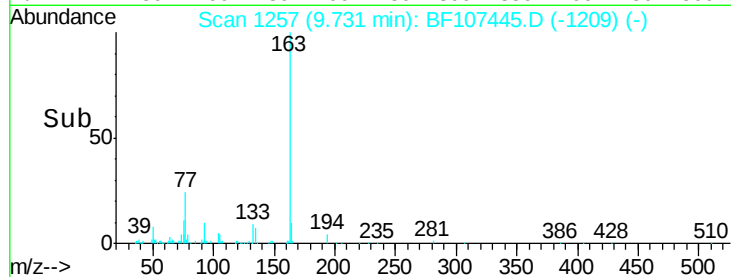
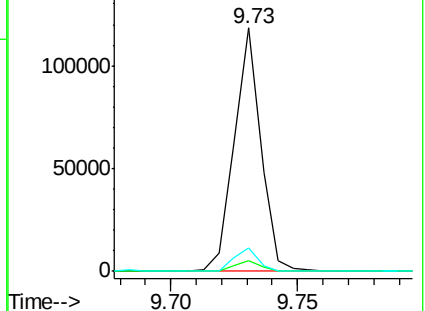
164 9.8 8.2 12.2



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: 2.546 ng

RT: 10.21 min Scan# 1338

Delta R.T. 0.12 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

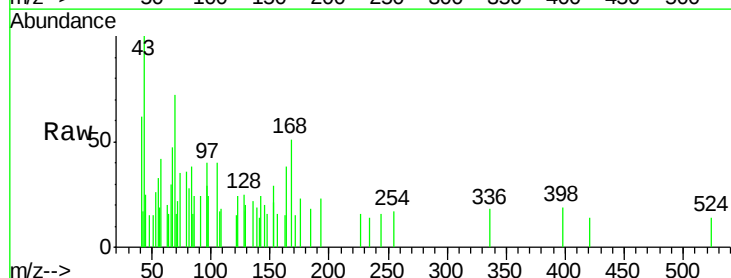
Tgt Ion:184 Resp: 265

Ion Ratio Lower Upper

184 100

63 196.6 54.2 81.2#

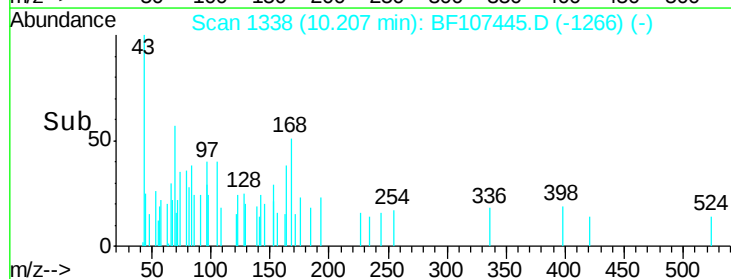
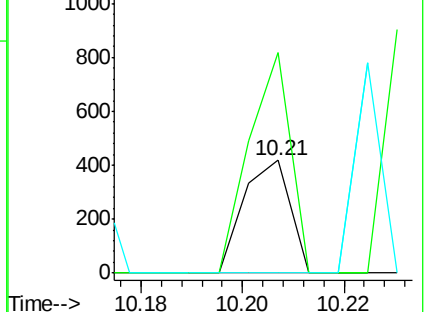
154 0.0 184.0 276.0#

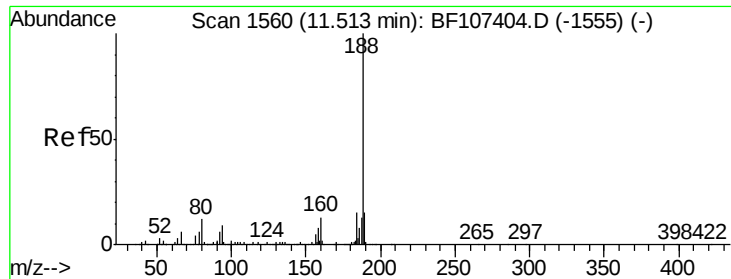


Abundance Ion 184.00 (183.70 to 184.70): E

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: BF107445.D

Acq: 17 Jul 2018 13:21

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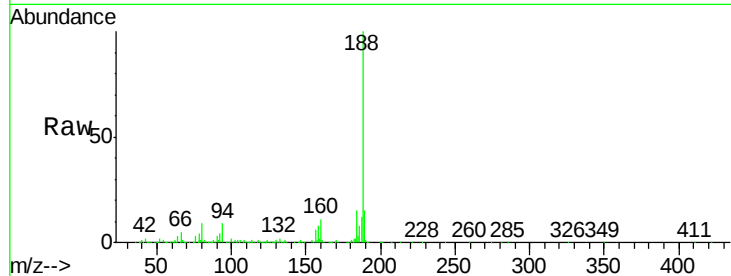
Tgt Ion:188 Resp: 509213

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

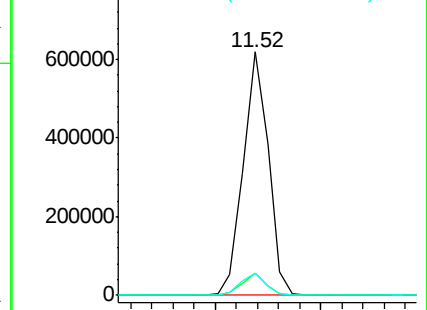
80 9.3 9.2 13.8



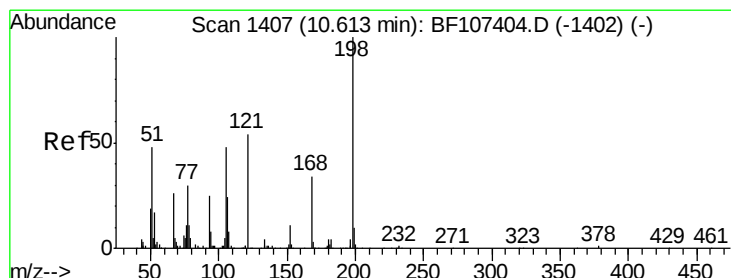
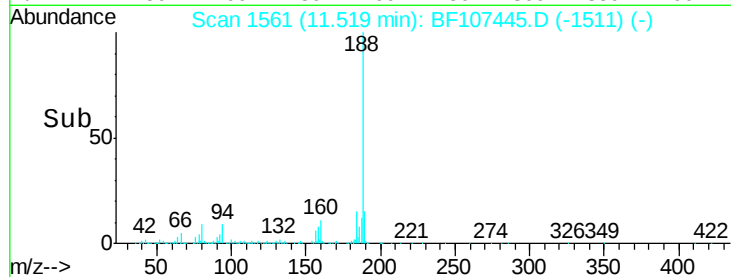
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 7.528 ng

RT: 10.64 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

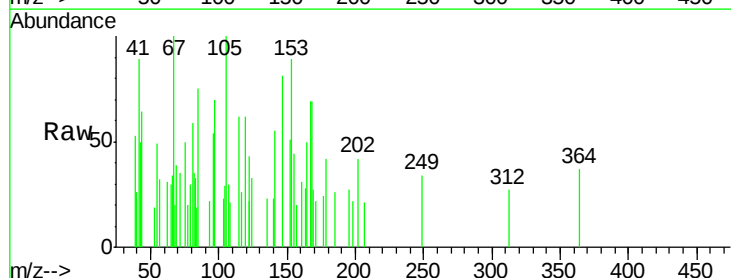
Tgt Ion:198 Resp: 124

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

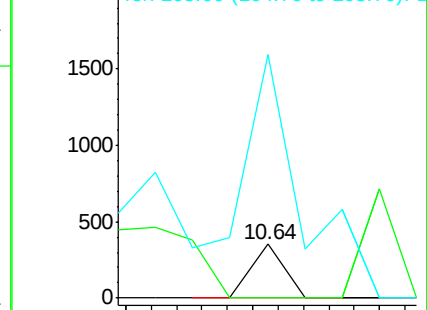
105 452.8 36.3 76.3#



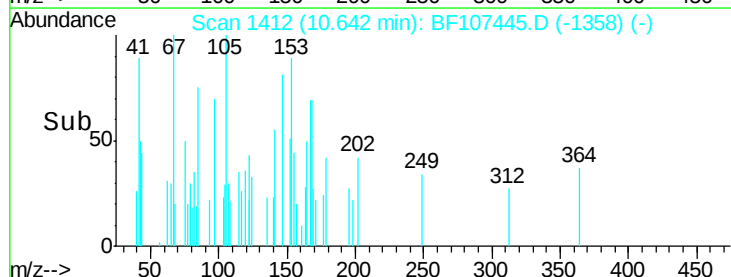
Abundance Ion 198.00 (197.70 to 198.70): E

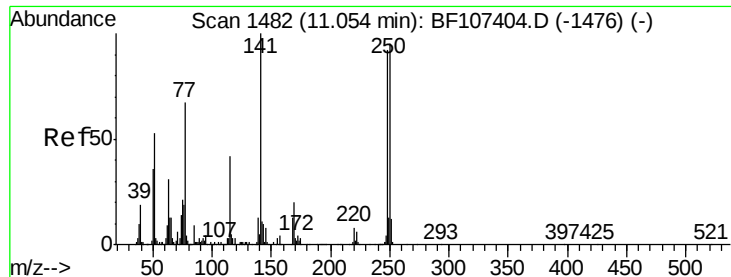
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

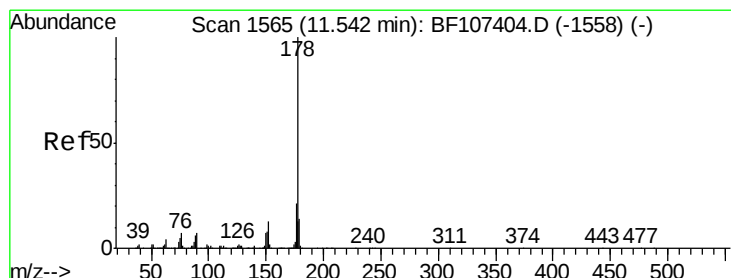
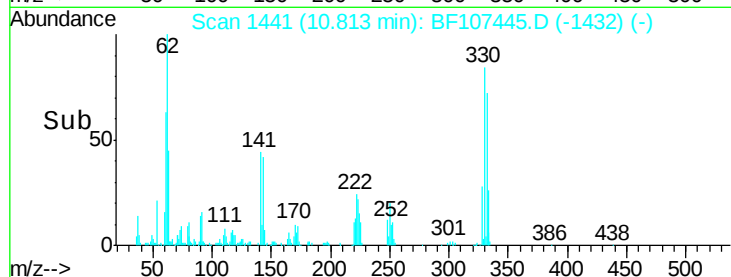
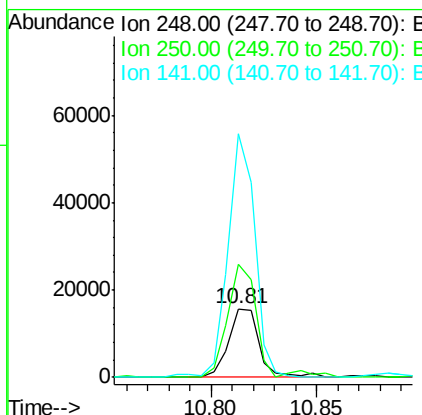
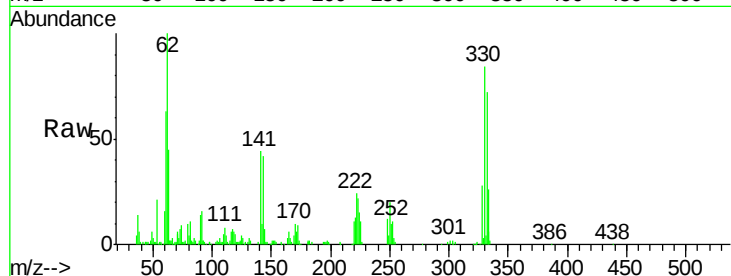




#66
 4-Bromophenyl-phenylether
 Concen: 2.694 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

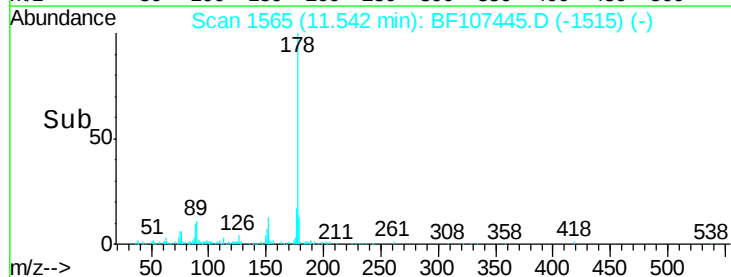
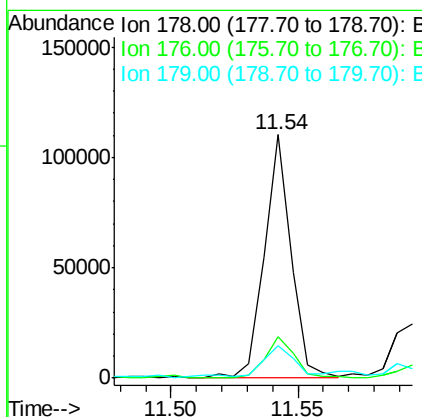
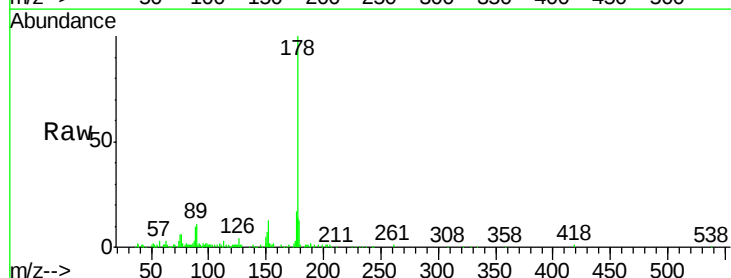
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-D

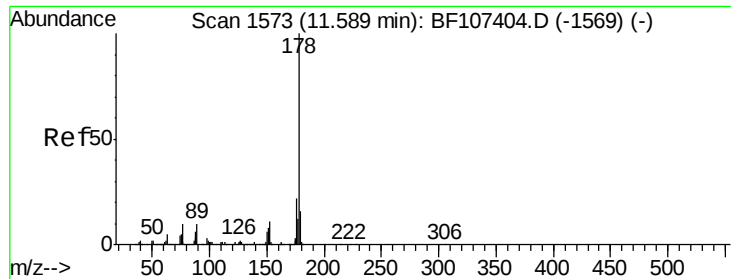
Tgt Ion:248 Resp: 15695
 Ion Ratio Lower Upper
 248 100
 250 164.6 76.9 115.3#
 141 355.1 74.4 111.6#



#70
 Phenanthrene
 Concen: 3.171 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Tgt Ion:178 Resp: 80465
 Ion Ratio Lower Upper
 178 100
 176 17.1 15.8 23.8
 179 13.1 13.0 19.6

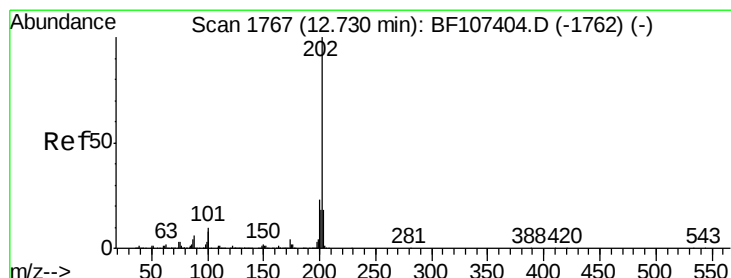
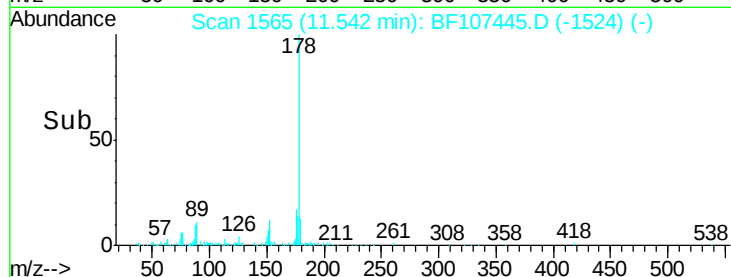
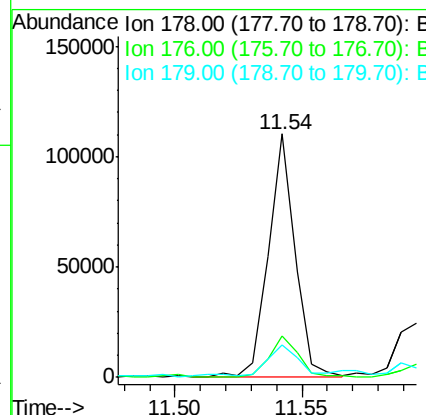
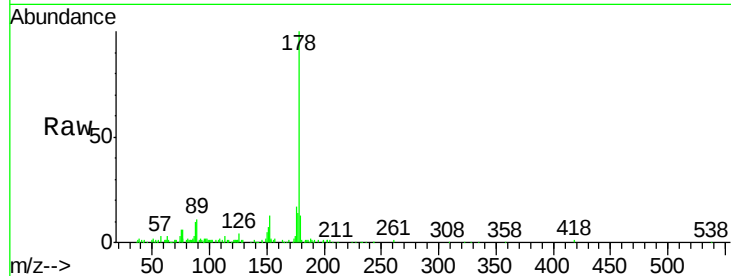




#71
 Anthracene
 Concen: 3.183 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

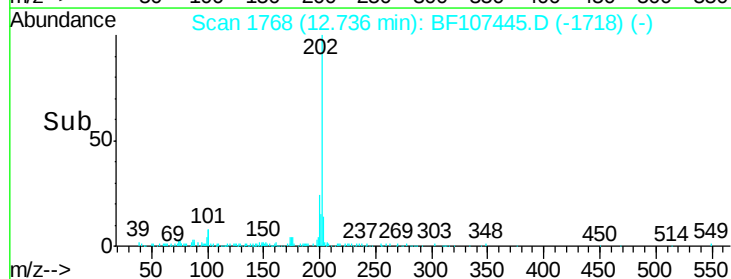
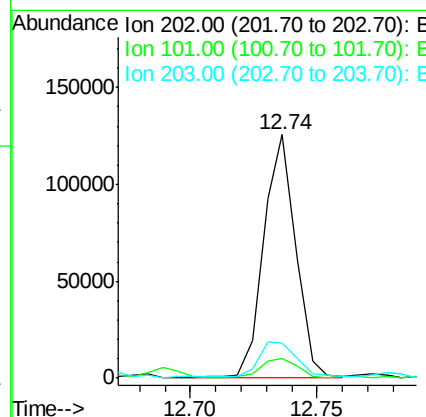
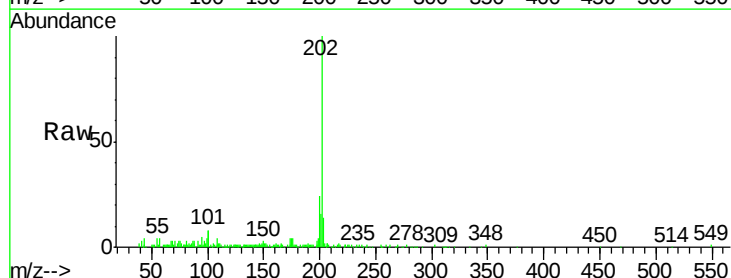
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-D

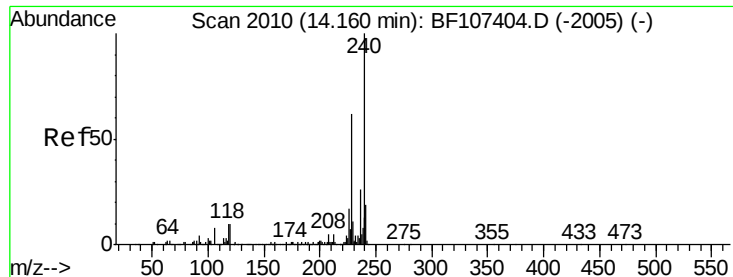
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.2
179	13.1	12.6	19.0



#74
 Fluoranthene
 Concen: 3.836 ng
 RT: 12.74 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	34.1
203	14.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D

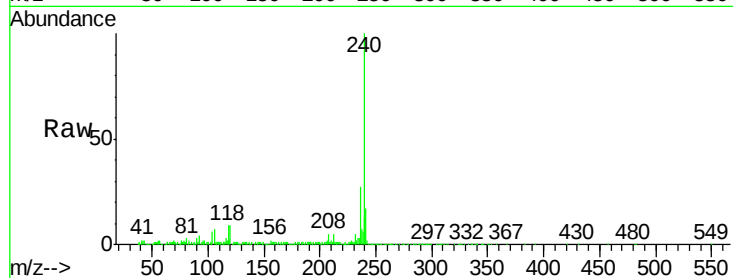
Tgt Ion:240 Resp: 450171

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

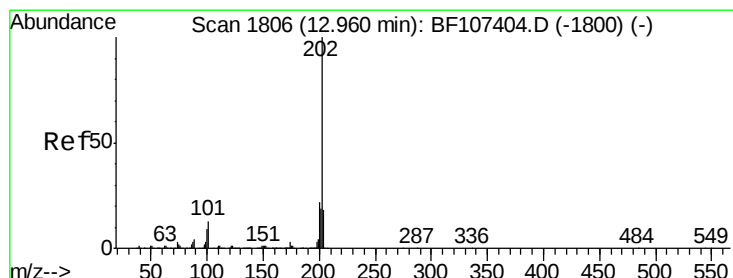
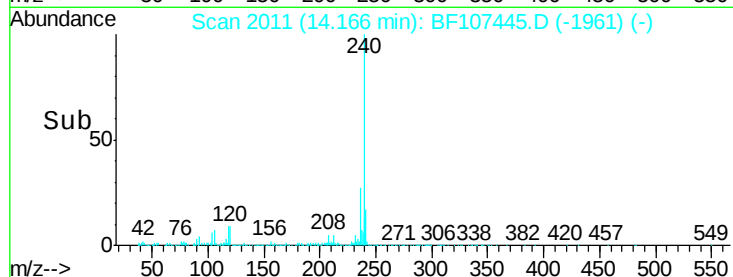
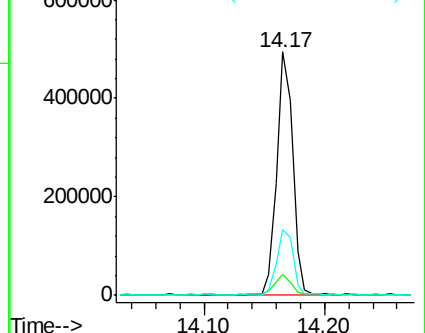
236 27.0 20.7 31.1



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: 3.329 ng

RT: 12.97 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

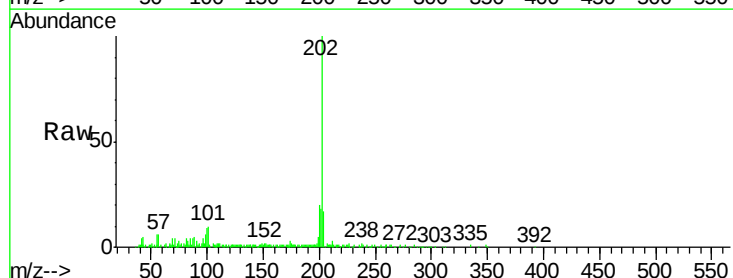
Tgt Ion:202 Resp: 101924

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

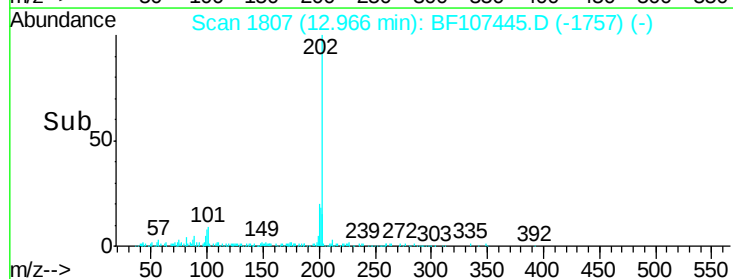
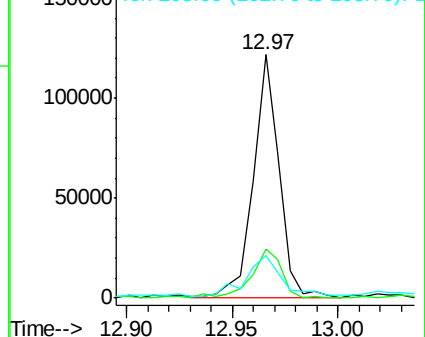
203 17.4 14.3 21.5

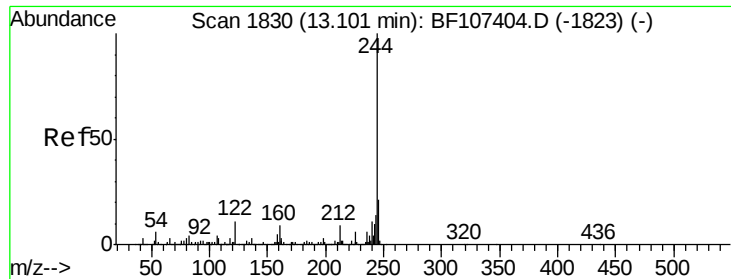


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.396 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D

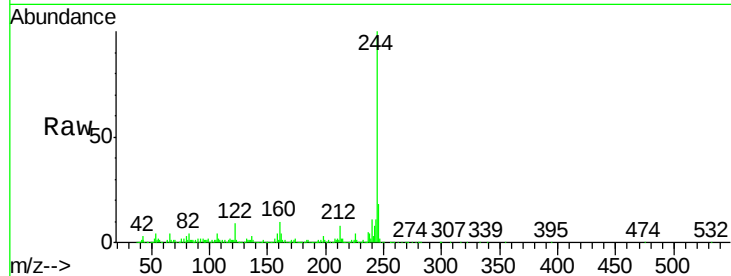
Tgt Ion:244 Resp: 641322

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

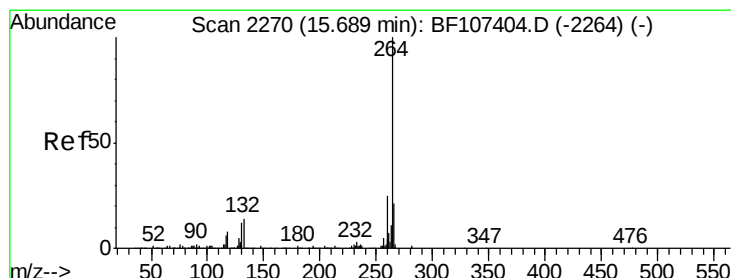
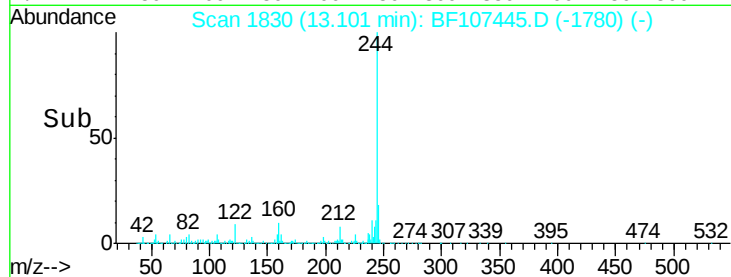
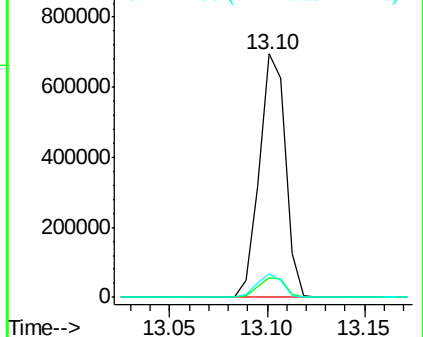
122 9.4 11.0 16.4#



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. 0.00 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

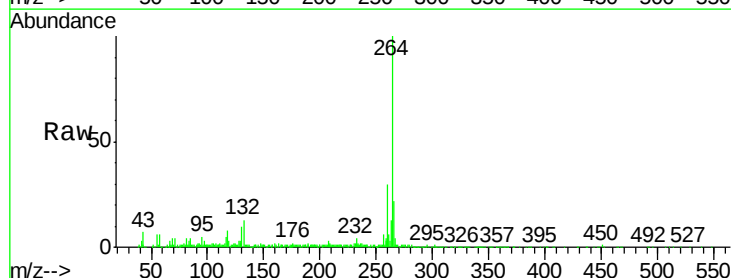
Tgt Ion:264 Resp: 409966

Ion Ratio Lower Upper

264 100

260 29.9 19.2 28.8#

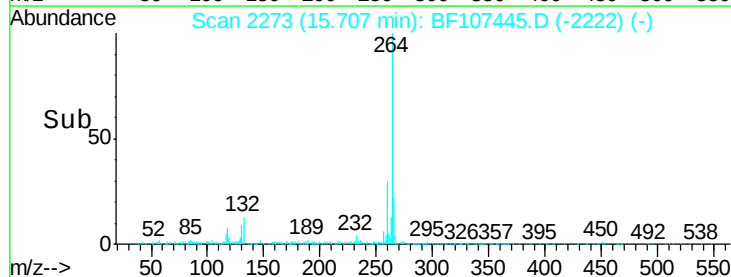
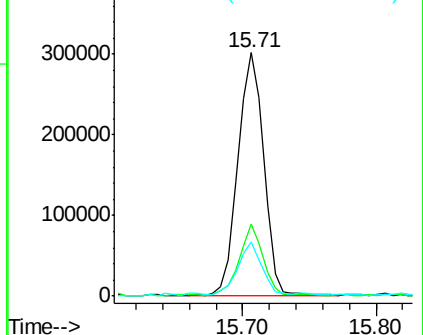
265 22.4 17.5 26.3

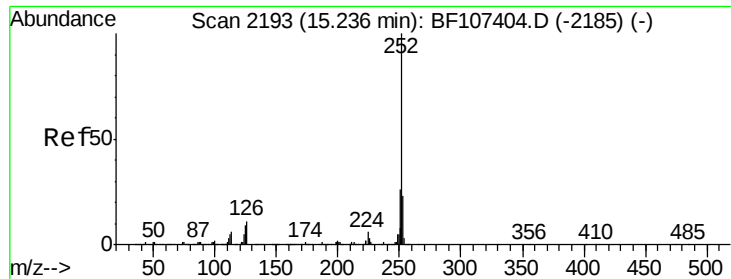


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.287 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BF107445.D

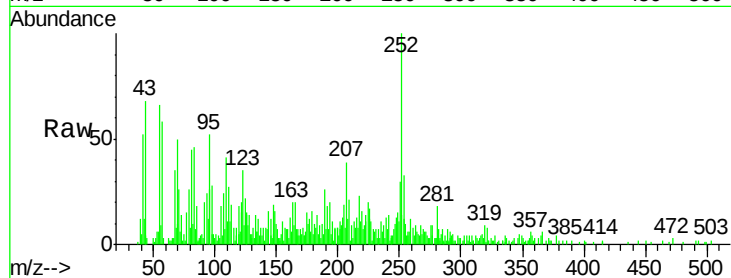
Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D



Tgt Ion:	252	Resp:	54876
Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.0	25.6#
125	35.9	9.0	13.6#

