

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
 Data File : BF107306.D
 Acq On : 11 Jul 2018 17:59
 Operator : JU/SJ
 Sample : J3827-01RE 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 12 01:04:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

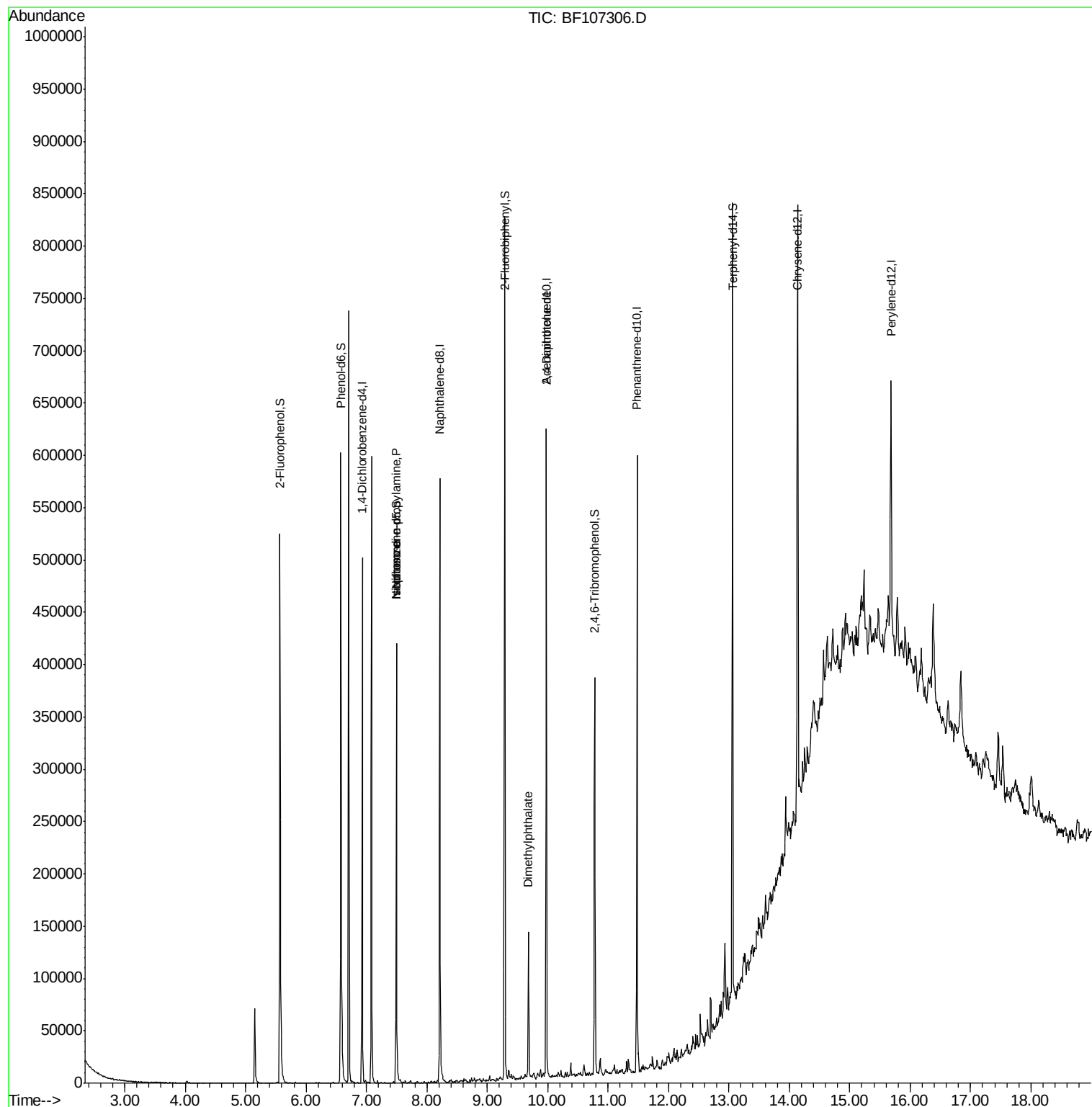
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	72026	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	270439	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	120230	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	210072	20.00	ng	0.00
75) Chrysene-d12	14.14	240	212175	20.00	ng	0.00
86) Perylene-d12	15.68	264	139000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	182349	42.87	ng	0.00
7) Phenol-d6	6.58	99	225657	42.48	ng	0.00
23) Nitrobenzene-d5	7.50	82	135873	27.92	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	50463	36.21	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	254243	25.46	ng	0.00
78) Terphenyl-d14	13.06	244	265386	30.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	17173	4.905	ng	# 75
25) Isophorone	7.50	82	135873	15.845	ng	# 64
49) Dimethylphthalate	9.68	163	52836	5.859	ng	97
56) 2,4-Dinitrotoluene	9.98	165	15434	6.192	ng	# 21

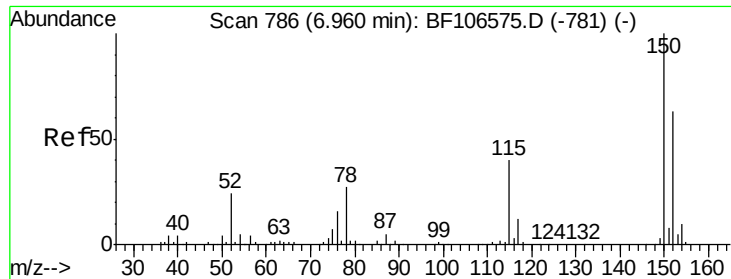
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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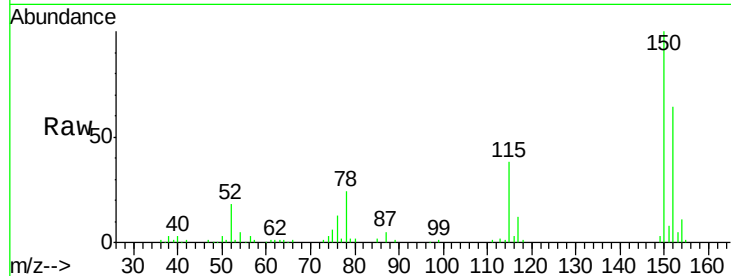


#1

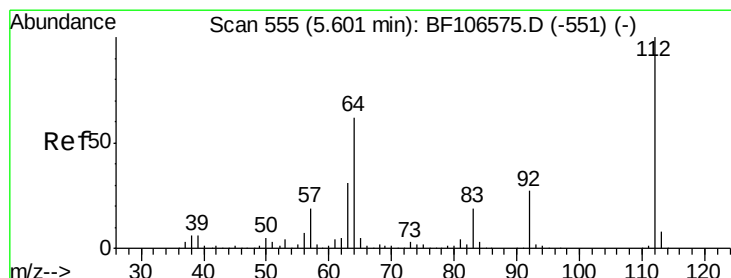
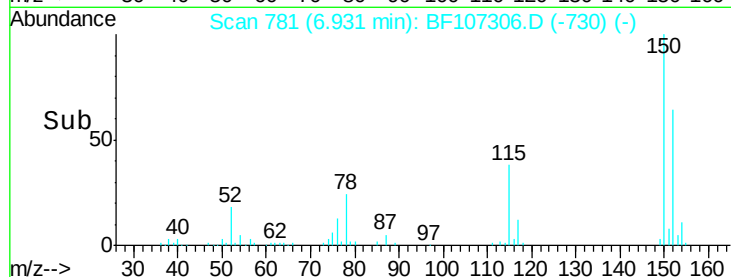
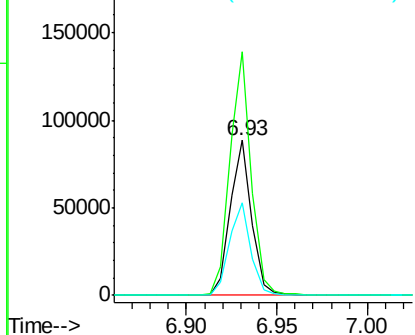
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Instrument :
BNA_F
ClientSampleId :
OR-03-070918

Tgt Ion:152 Resp: 72026
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.0 50.1 75.1



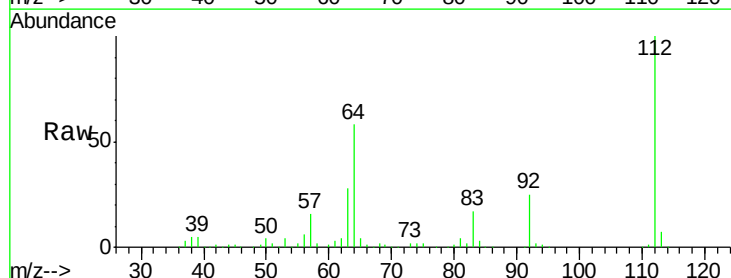
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



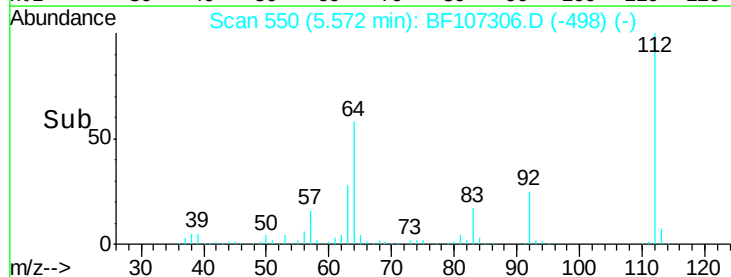
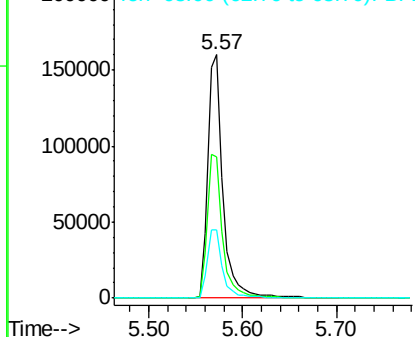
#5

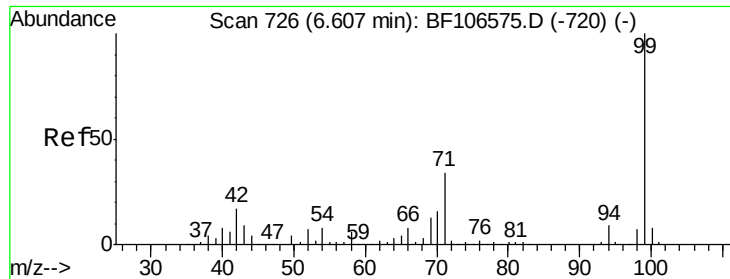
2-Fluorophenol
Concen: 42.870 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Tgt Ion:112 Resp: 182349
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 27.9 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: 42.482 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107306.D

Acq: 11 Jul 2018 17:59

Instrument :

BNA_F

ClientSampleId :

OR-03-070918

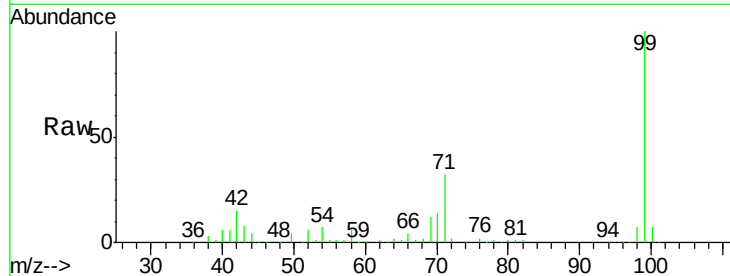
Tgt Ion: 99 Resp: 225657

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

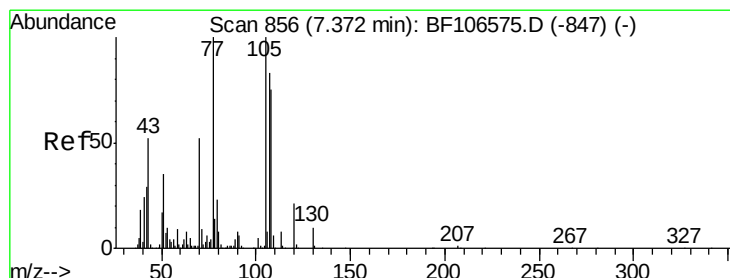
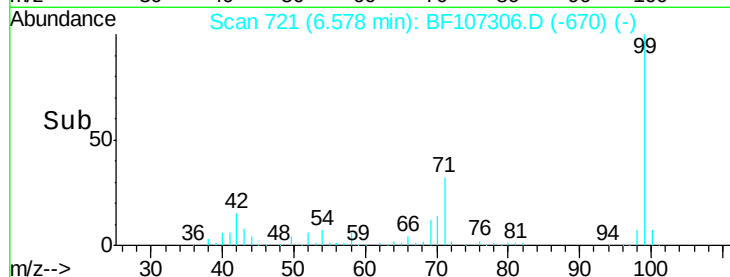
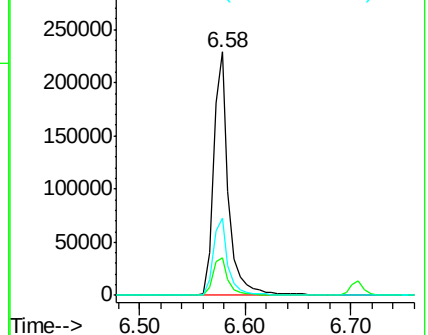
71 31.9 25.4 38.0



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: 4.905 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107306.D

Acq: 11 Jul 2018 17:59

Tgt Ion: 70 Resp: 17173

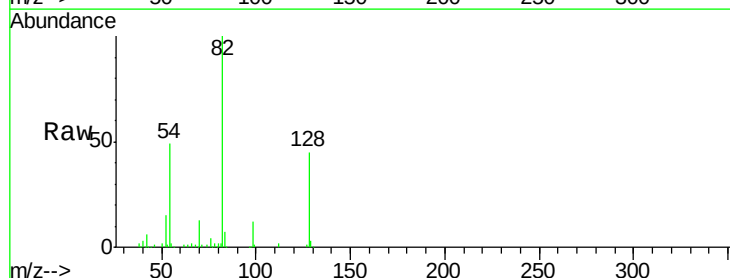
Ion Ratio Lower Upper

70 100

42 44.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

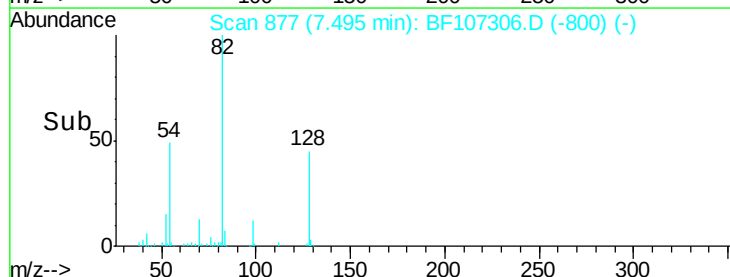
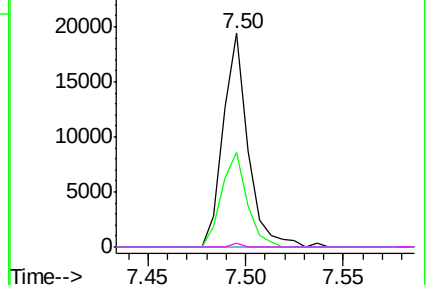


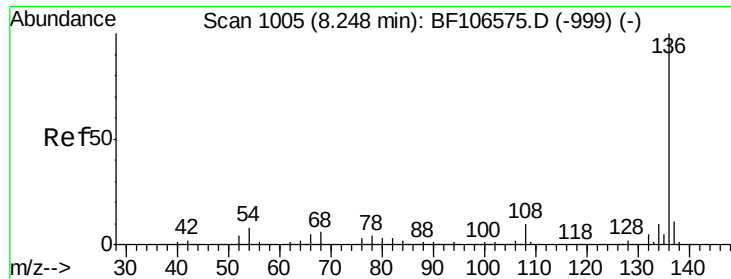
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

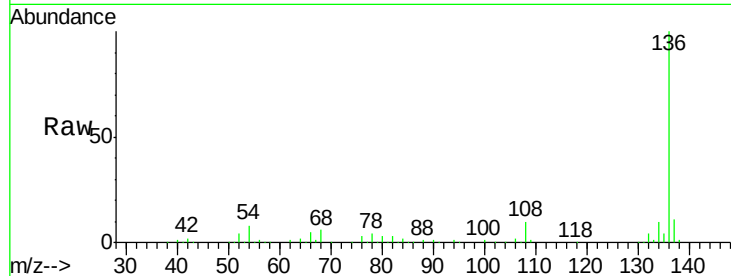




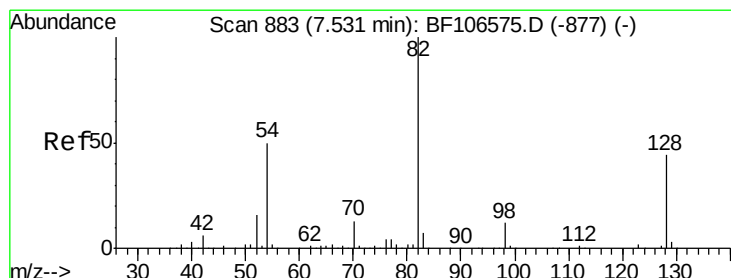
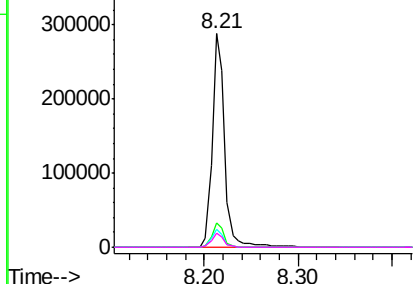
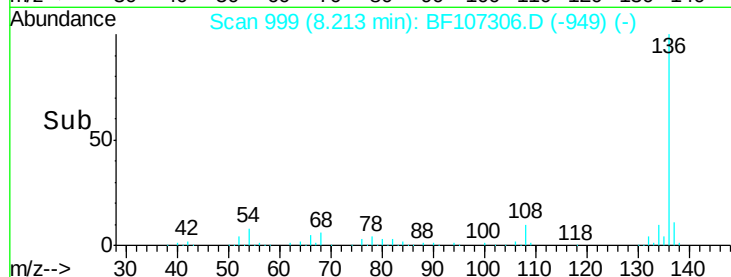
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Instrument :
BNA_F
ClientSampleId :
OR-03-070918

Tgt Ion:	136	Resp:	270439
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4

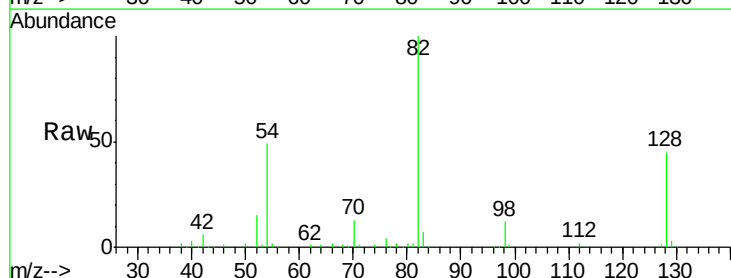


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

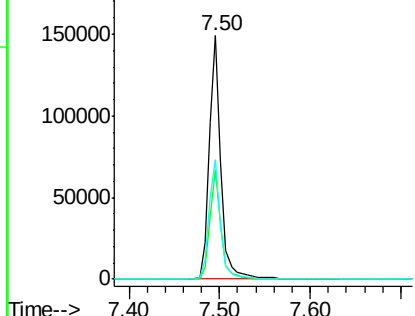
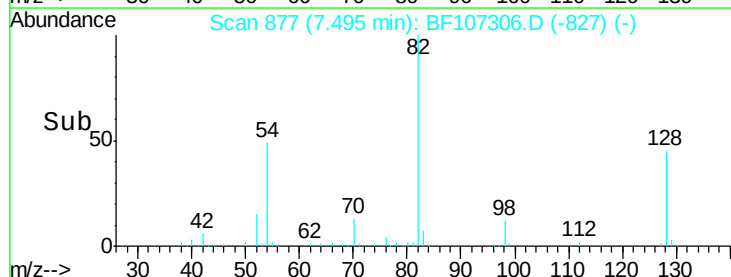


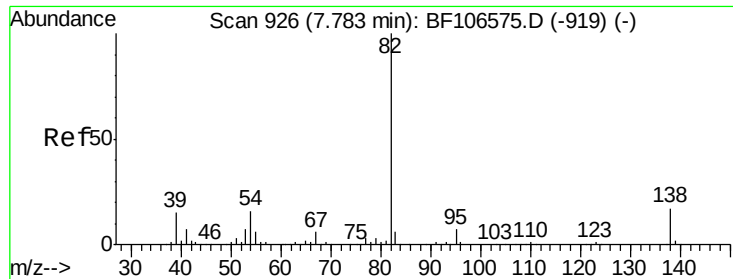
#23
Nitrobenzene-d5
Concen: 27.921 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Tgt Ion:	82	Resp:	135873
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	49.0	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

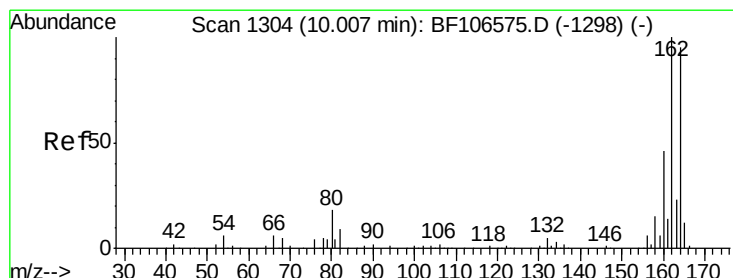
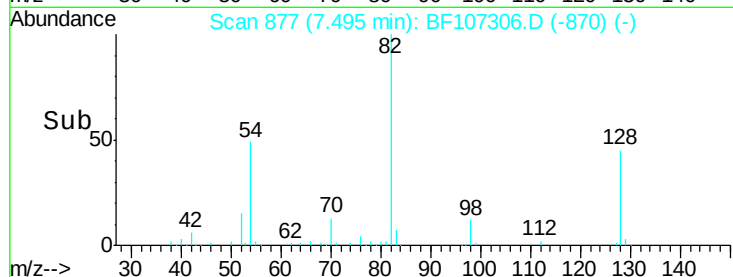
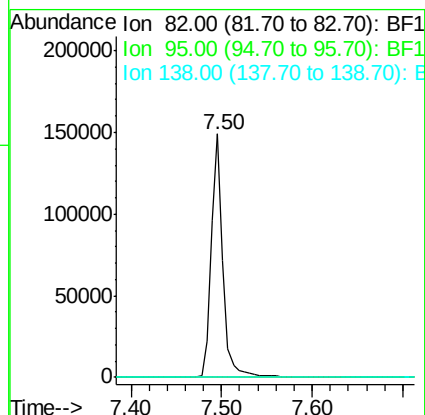
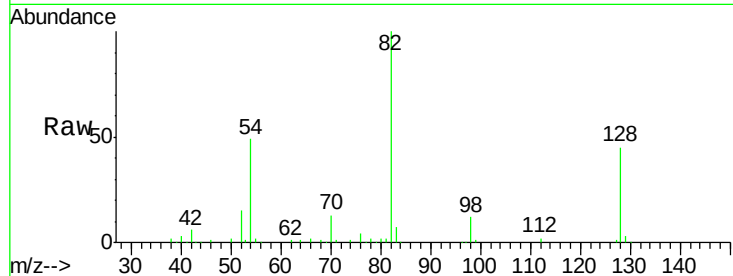




#25
Isophorone
Concen: 15.845 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

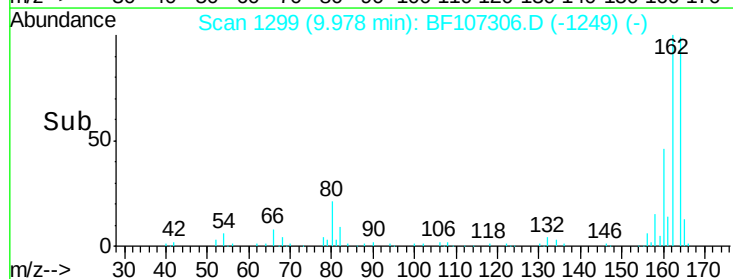
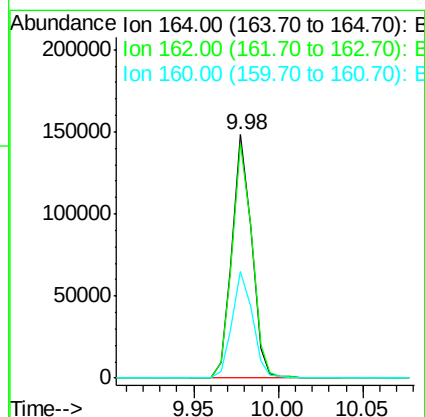
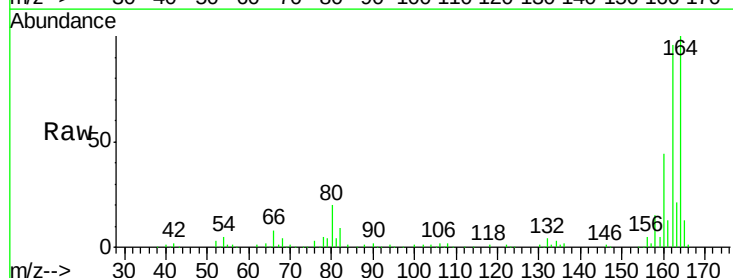
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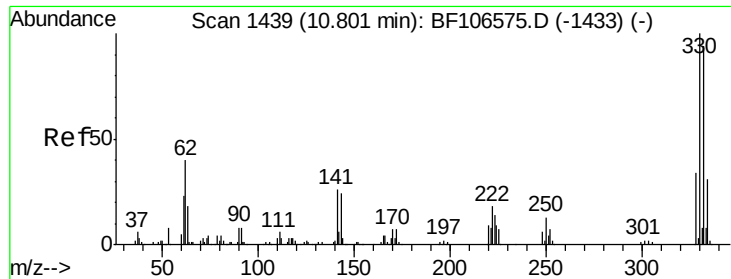
Tgt Ion: 82 Resp: 135873
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Tgt Ion: 164 Resp: 120230
Ion Ratio Lower Upper
164 100
162 96.4 86.1 129.1
160 43.7 38.3 57.5

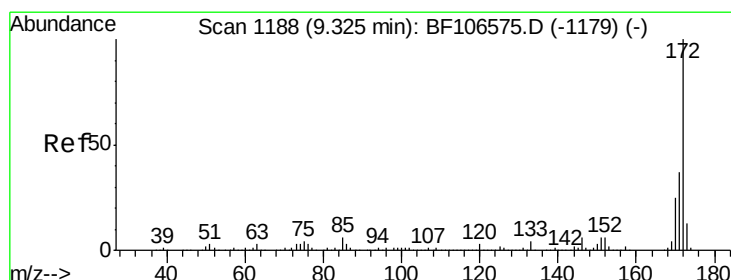
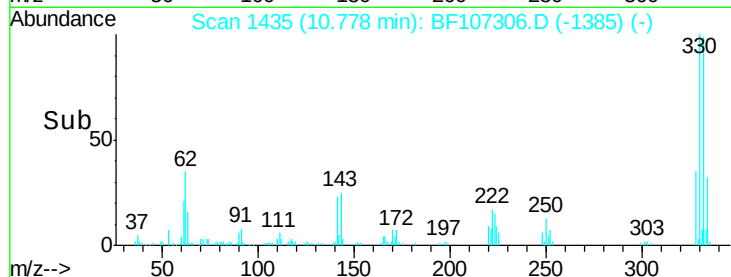
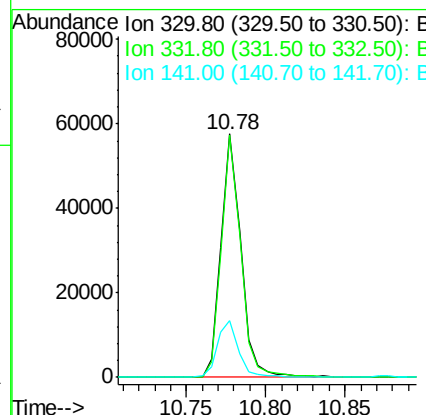
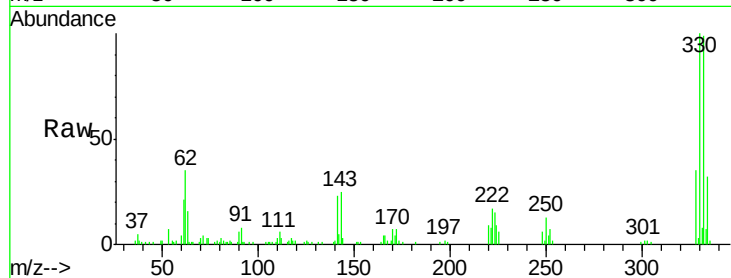




#41
 2,4,6-Tribromophenol
 Concen: 36.213 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107306.D
 Acq: 11 Jul 2018 17:59

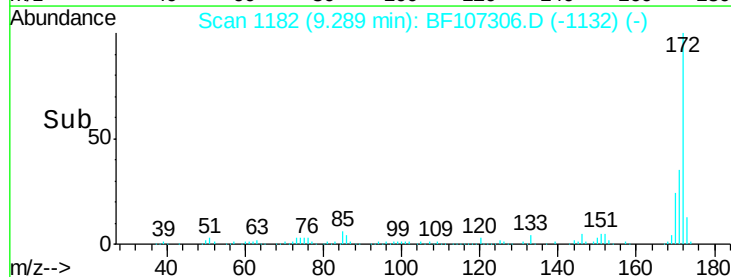
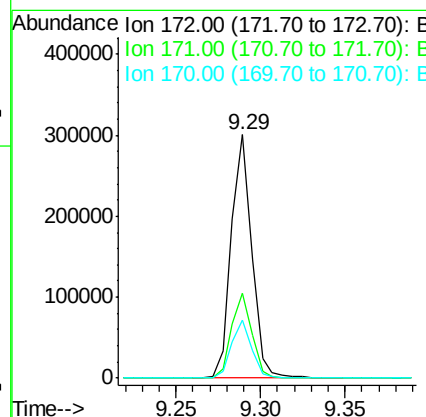
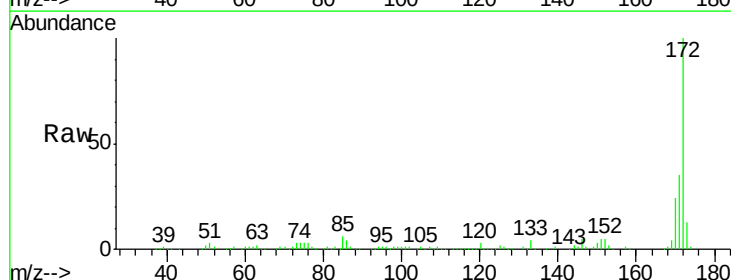
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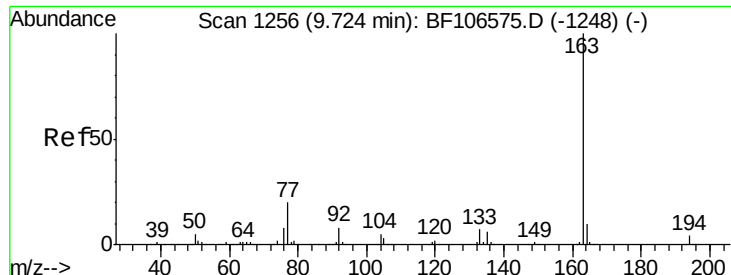
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	24.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 25.460 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107306.D
 Acq: 11 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.7	19.6	29.4

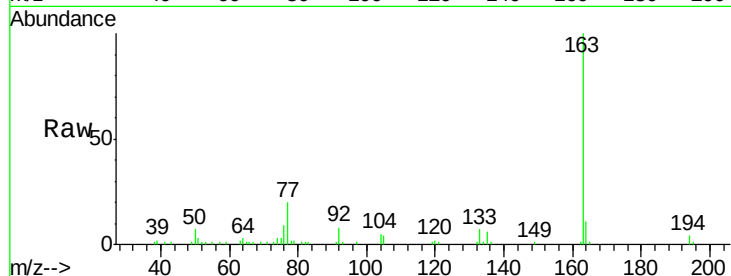




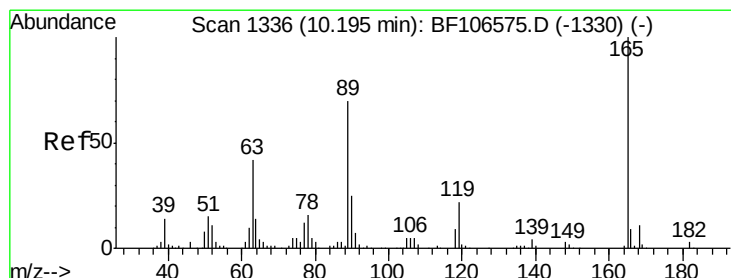
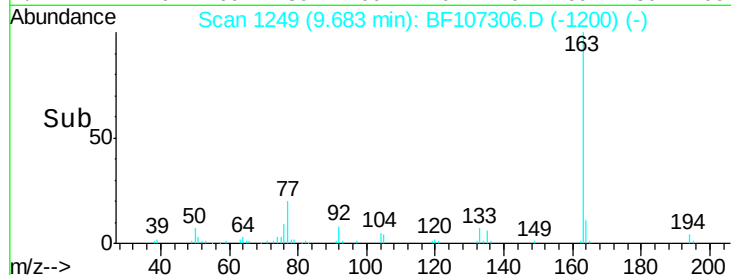
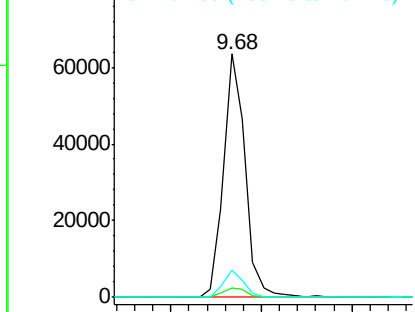
#49
Dimethylphthalate
Concen: 5.859 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Instrument :
BNA_F
ClientSampleId :
OR-03-070918

Tgt Ion:163 Resp: 52836
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.4 8.2 12.2

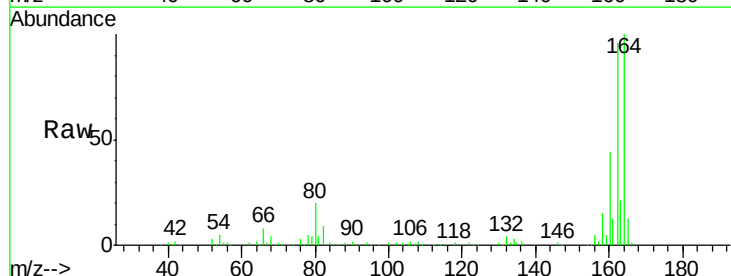


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

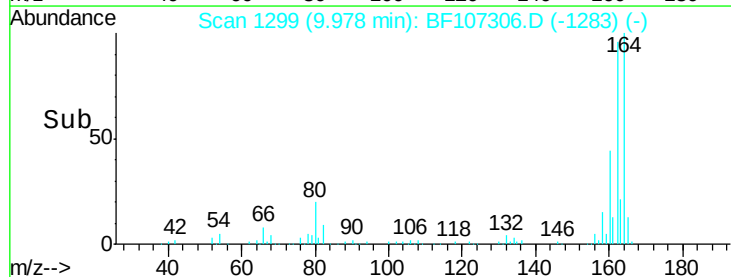
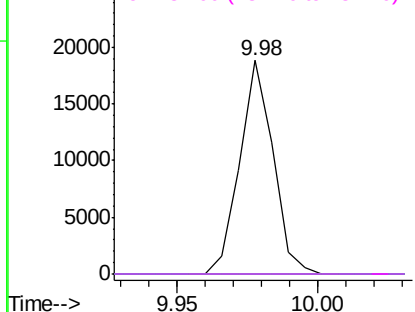


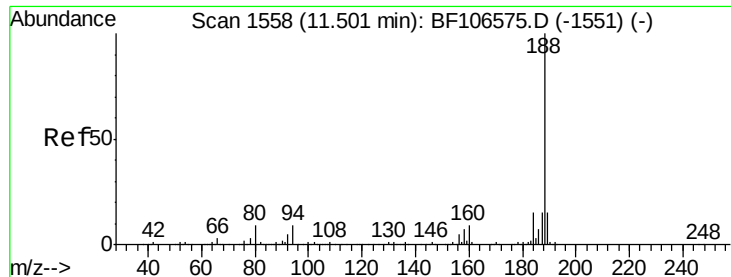
#56
2,4-Dinitrotoluene
Concen: 6.192 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Tgt Ion:165 Resp: 15434
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

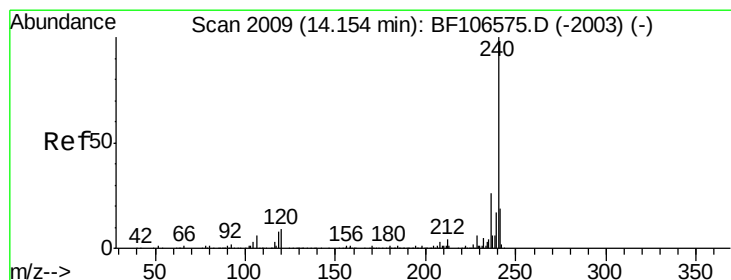
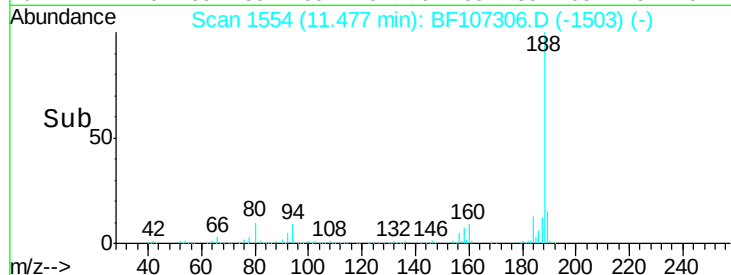
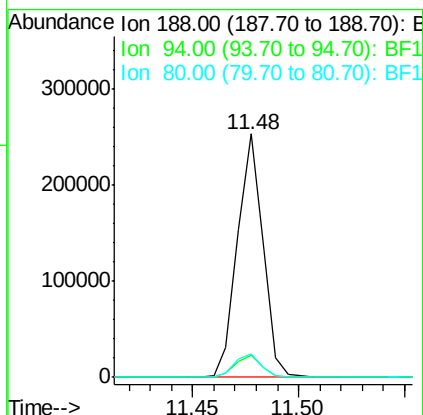
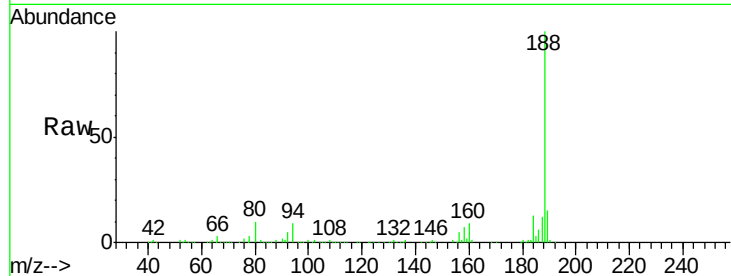




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

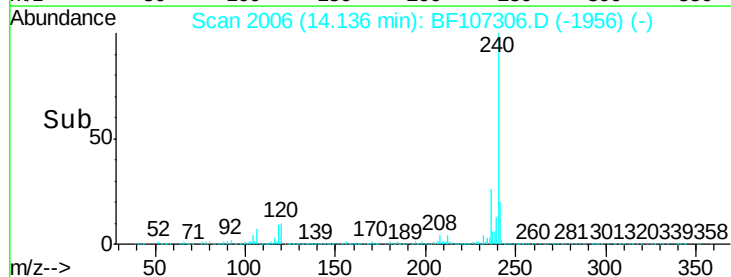
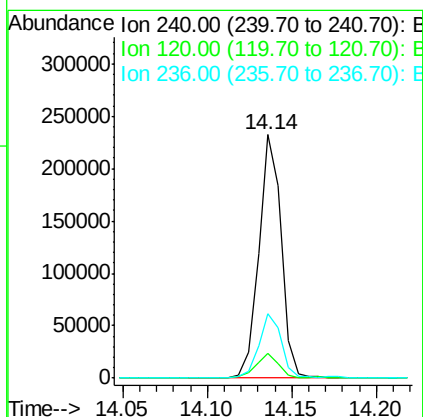
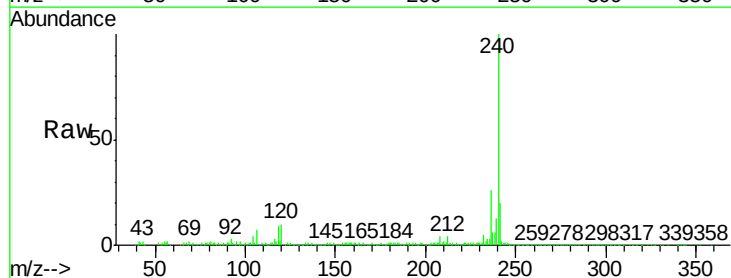
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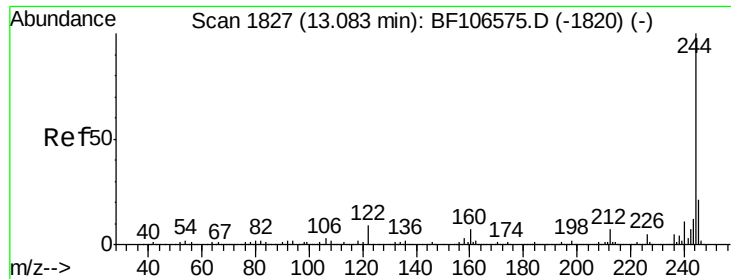
Tgt Ion:188 Resp: 210072
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107306.D
Acq: 11 Jul 2018 17:59

Tgt Ion:240 Resp: 212175
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.4 20.7 31.1

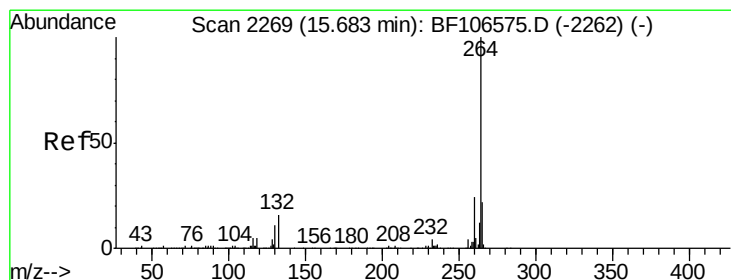
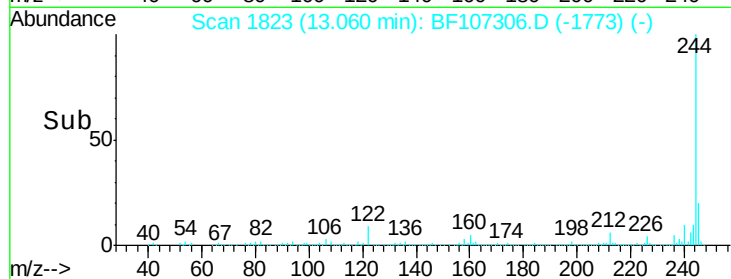
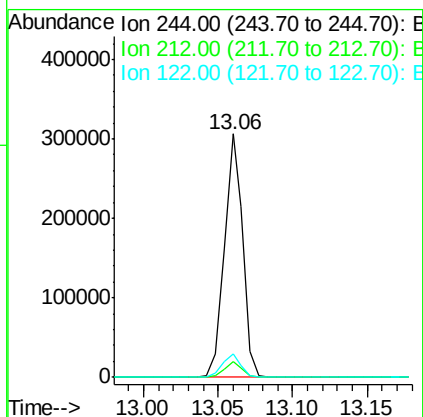
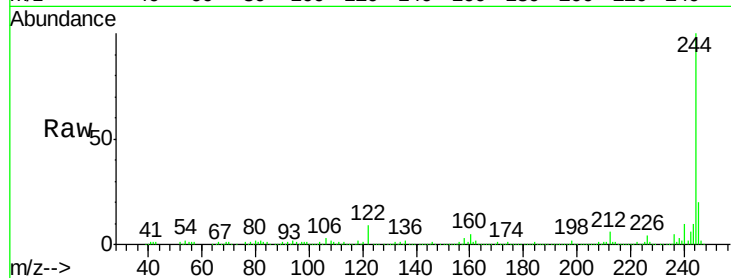




#78
 Terphenyl-d14
 Concen: 30.298 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF107306.D
 Acq: 11 Jul 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-070918

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.5	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF107306.D
 Acq: 11 Jul 2018 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

