

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108446.D
 Acq On : 24 Aug 2018 3:43
 Operator : JU/SJ
 Sample : J4546-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 24 05:37:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	139891	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	521145	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248398	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	421303	20.00	ng	0.00
75) Chrysene-d12	14.19	240	292025	20.00	ng	0.00
86) Perylene-d12	15.75	264	259487	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	813777	105.32	ng	0.00
7) Phenol-d6	6.62	99	1071217	104.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	707742	75.78	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	225995	91.21	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1180005	76.27	ng	0.00
78) Terphenyl-d14	13.12	244	885515	77.10	ng	0.00

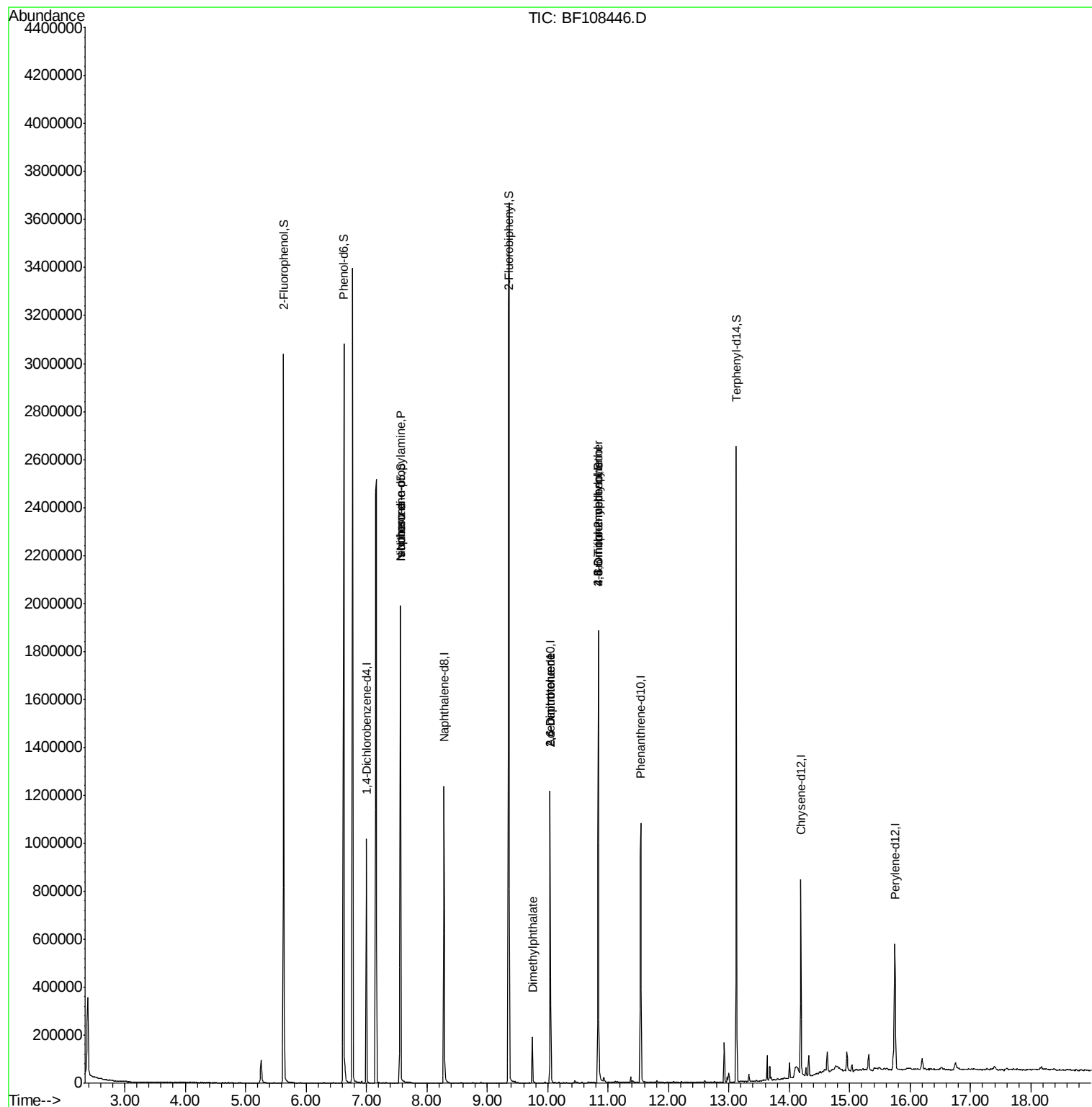
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	96231	13.859	ng	# 82
25) Isophorone	7.57	82	707729	39.758	ng	# 64
49) Dimethylphthalate	9.75	163	85346	4.932	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	31474	8.694	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	31474	6.754	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	396	5.581	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	14985	3.273	ng	# 1

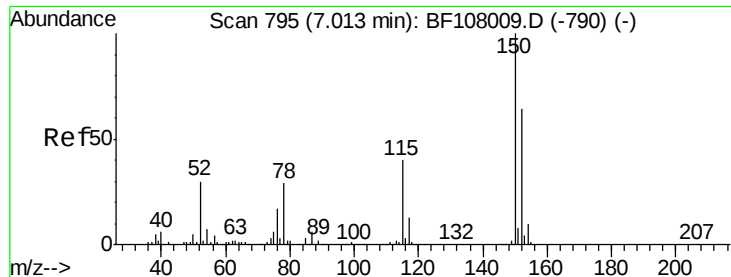
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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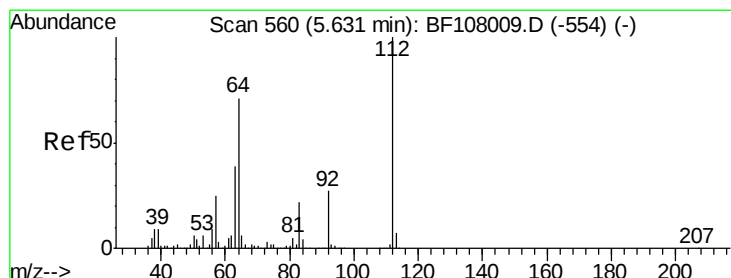
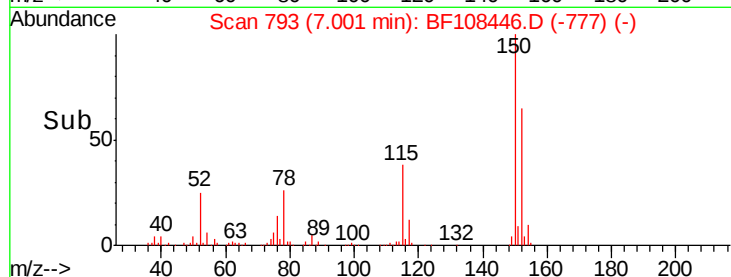
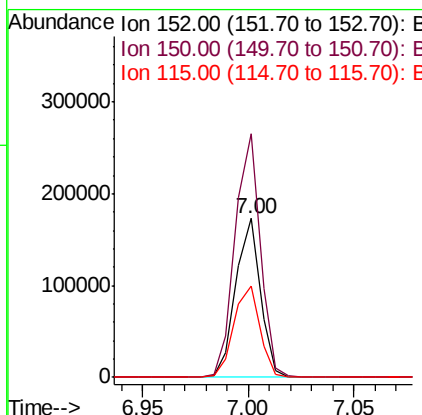
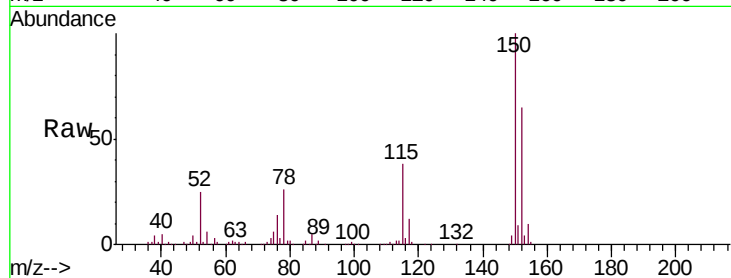


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Instrument :
BNA_F
ClientSampleId :
DFTPP

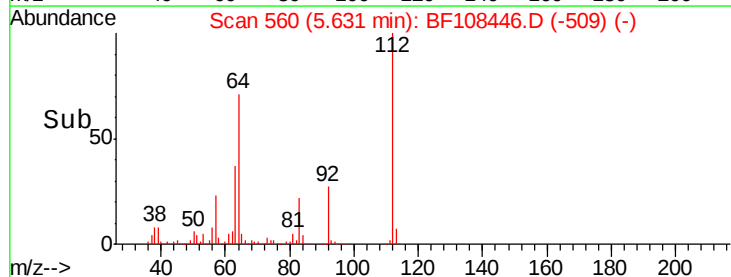
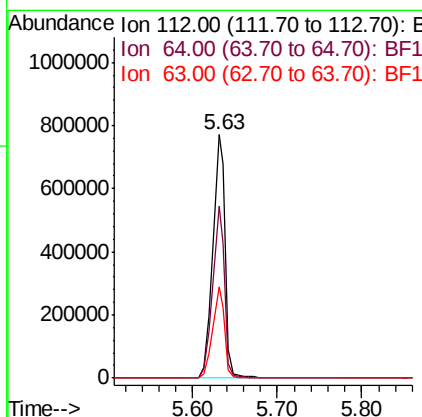
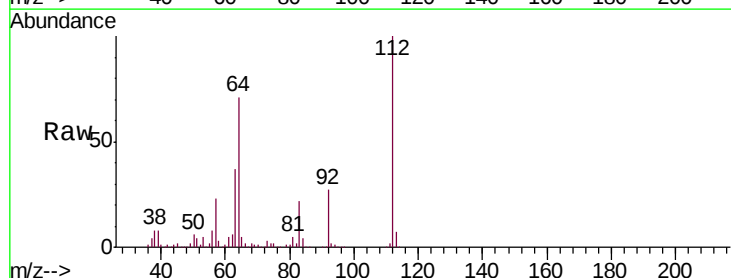
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	57.7	50.1	75.1

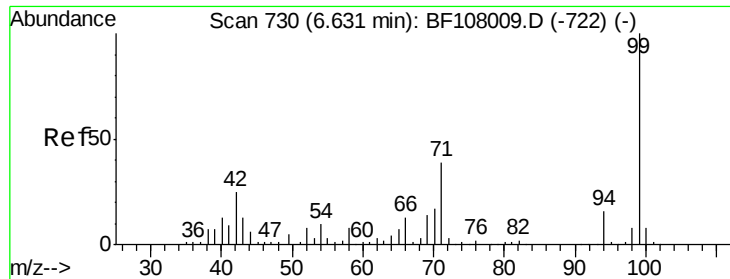


#5

2-Fluorophenol
Concen: 105.318 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	37.3	23.7	35.5





#7

Phenol-d6

Concen: 104.326 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DFTPP

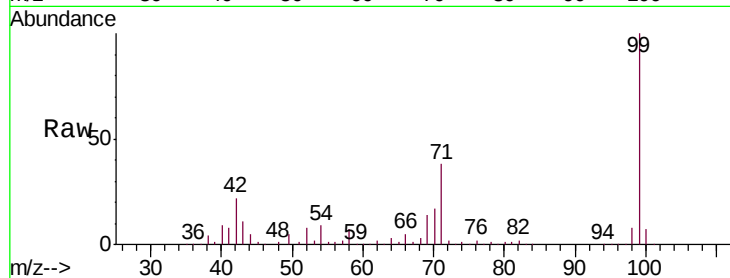
Tgt Ion: 99 Resp: 1071217

Ion Ratio Lower Upper

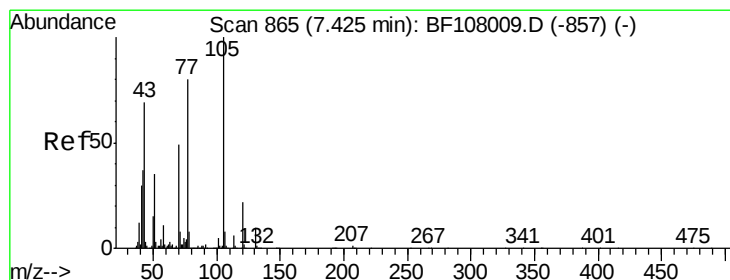
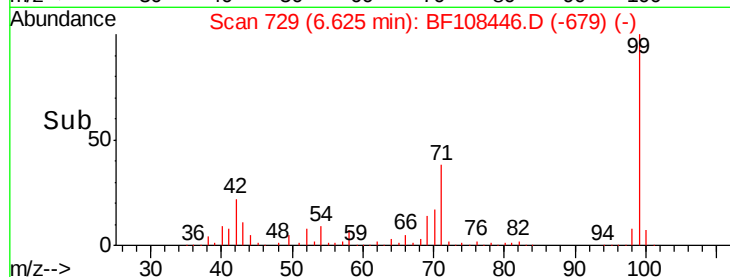
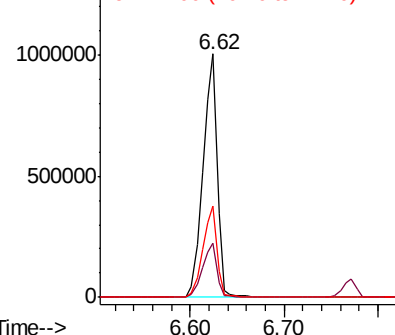
99 100

42 22.3 14.5 21.7#

71 37.6 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: 13.859 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Tgt Ion: 70 Resp: 96231

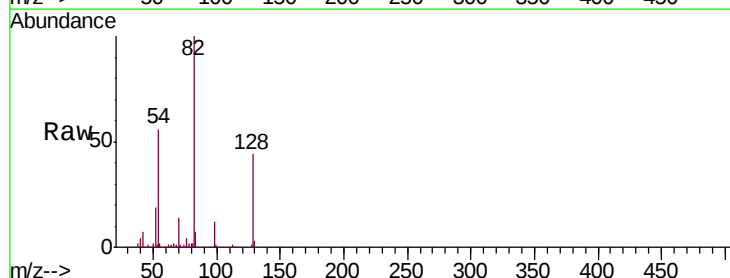
Ion Ratio Lower Upper

70 100

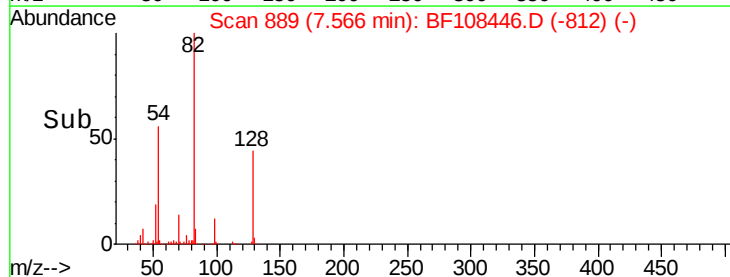
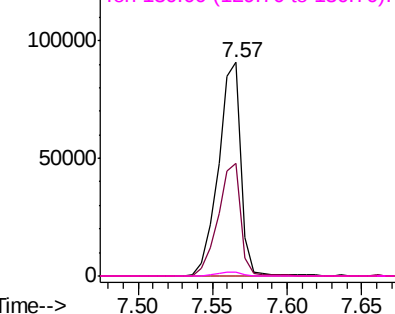
42 52.6 47.5 71.3

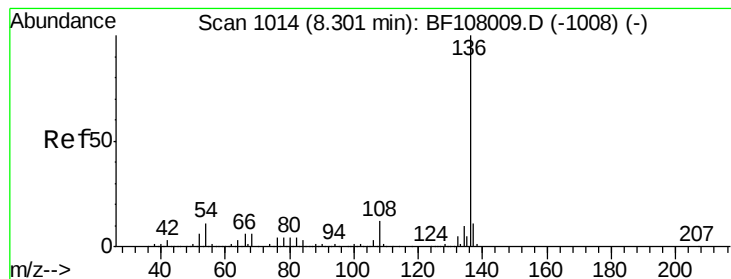
101 0.0 7.4 11.2#

130 2.0 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 521145

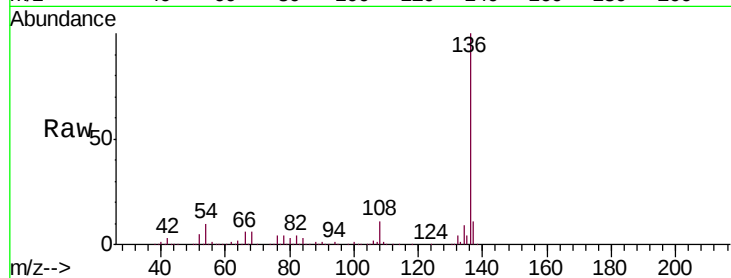
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 5.6 5.0 7.4

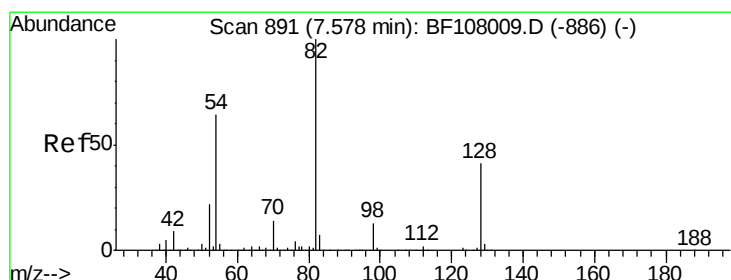
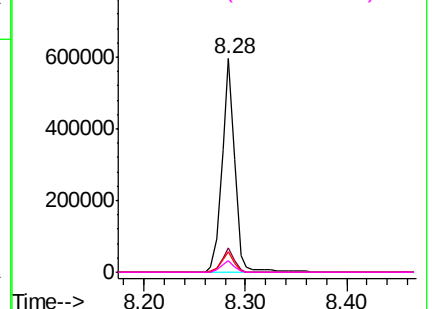
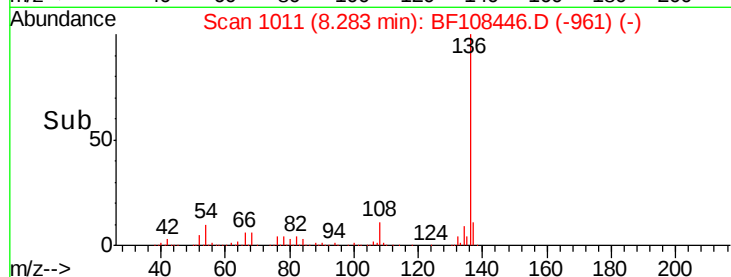


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.781 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

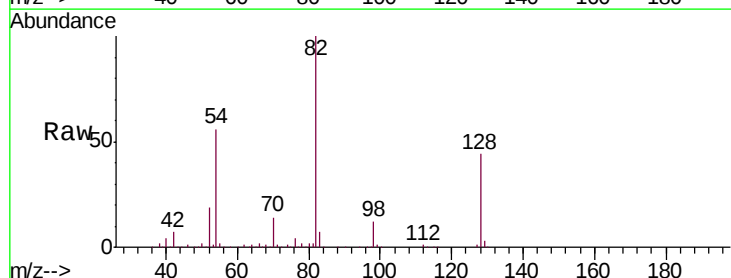
Tgt Ion: 82 Resp: 707742

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

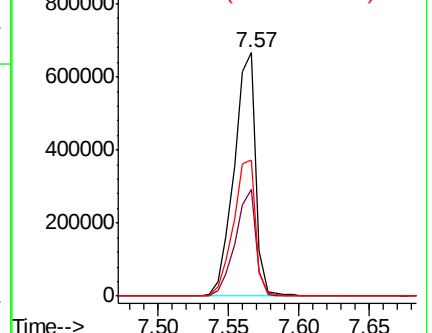
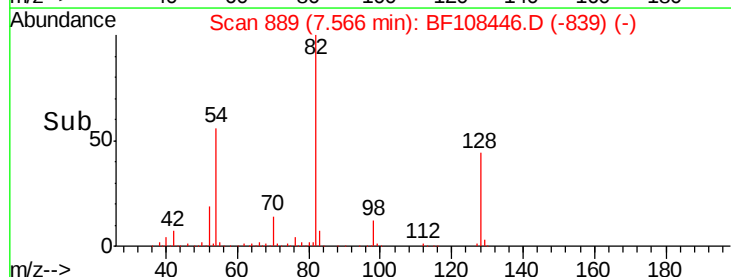
54 55.9 41.4 62.2

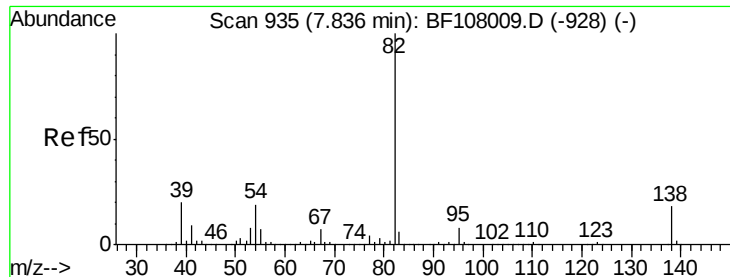


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.758 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

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DFTPP

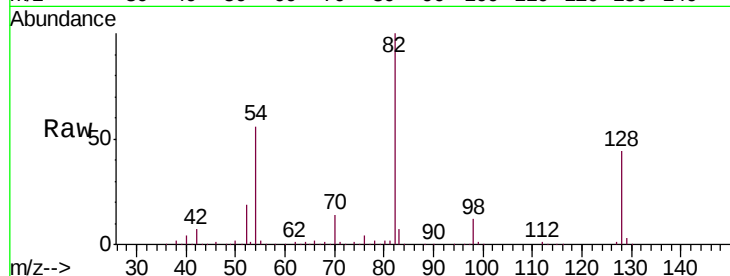
Tgt Ion: 82 Resp: 707729

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

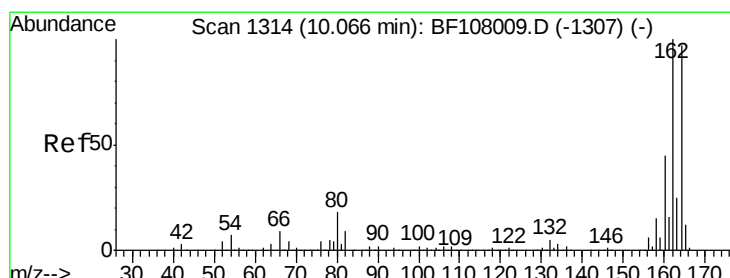
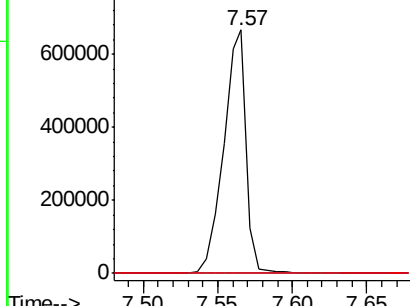
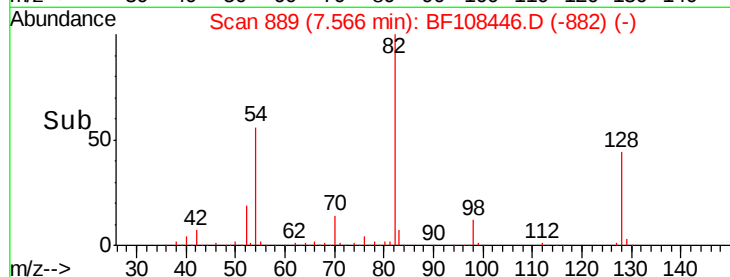
138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

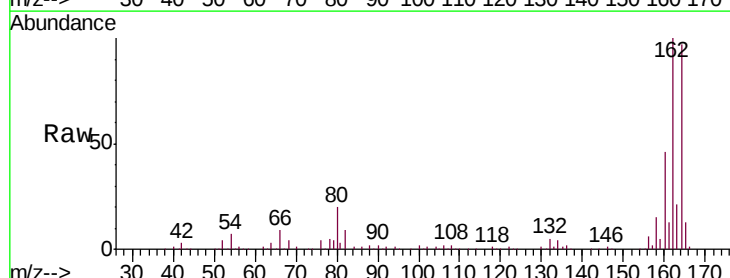
Tgt Ion: 164 Resp: 248398

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

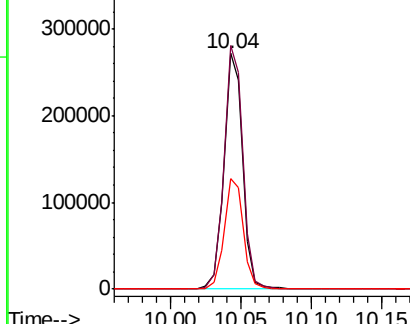
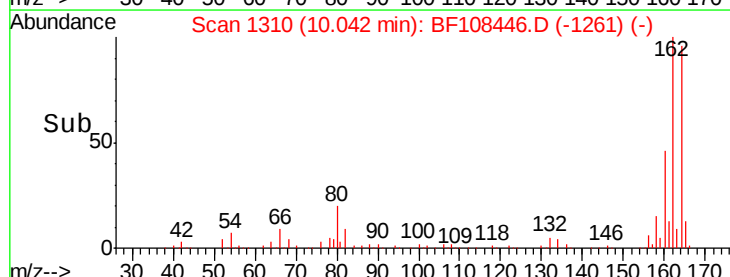
160 47.1 38.3 57.5

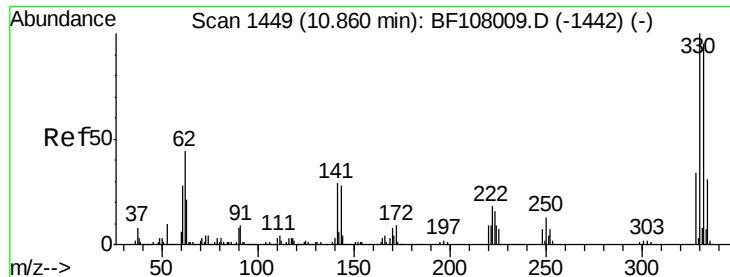


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

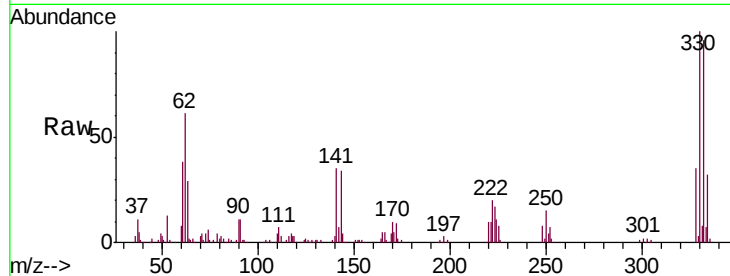




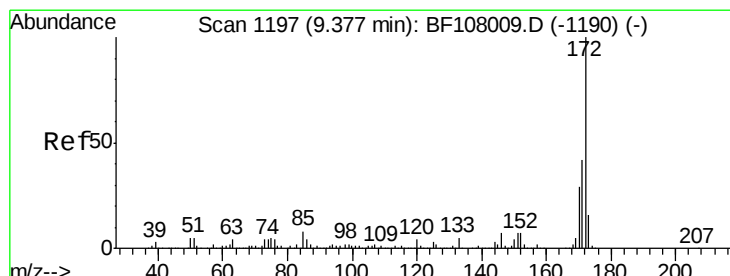
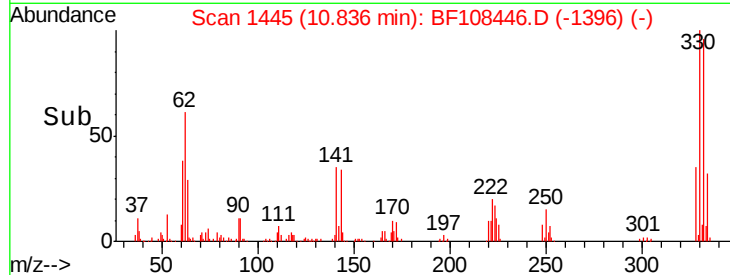
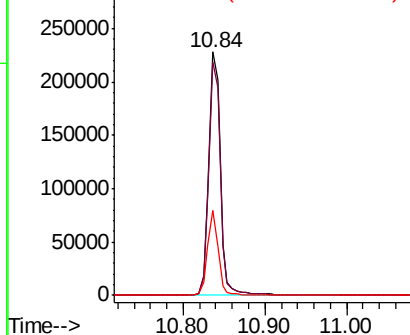
#41
 2,4,6-Tribromophenol
 Concen: 91.211 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108446.D
 Acq: 24 Aug 2018 3:43

Instrument :
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 DFTPP

Tgt Ion:330 Resp: 225995
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.5 29.9 44.9

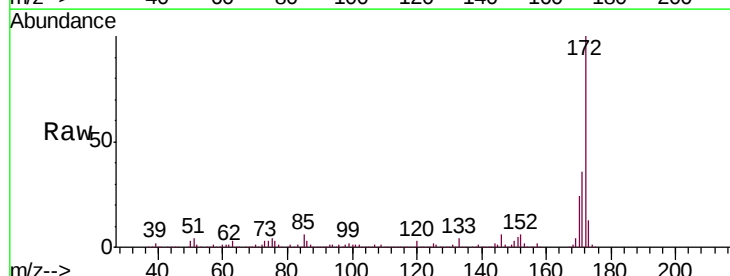


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

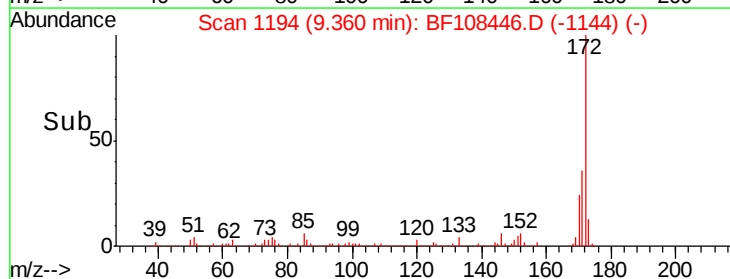
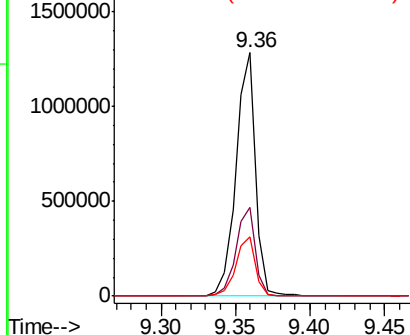


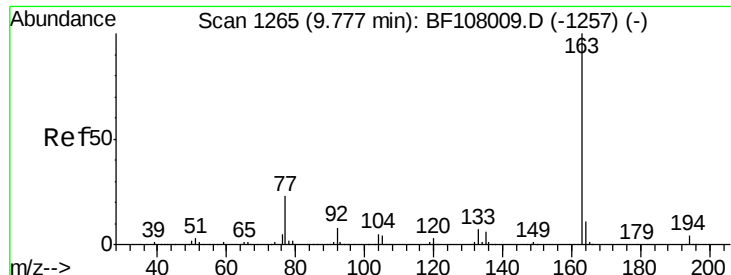
#44
 2-Fluorobiphenyl
 Concen: 76.267 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108446.D
 Acq: 24 Aug 2018 3:43

Tgt Ion:172 Resp: 1180005
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 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

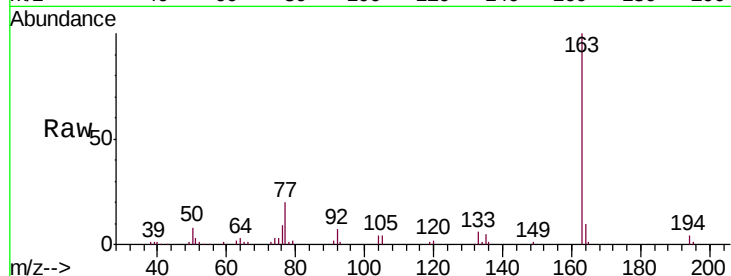




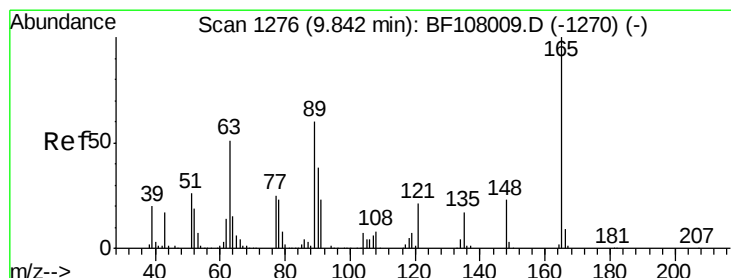
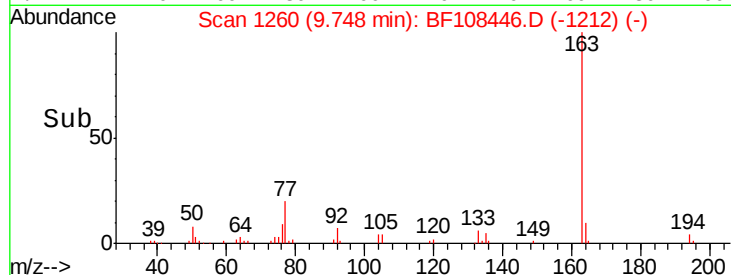
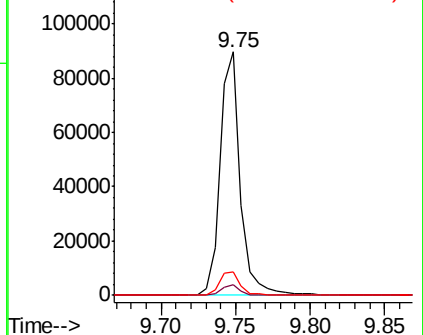
#49
Dimethylphthalate
Concen: 4.932 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Instrument :
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DFTPP

Tgt Ion:163 Resp: 85346
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.8 8.2 12.2

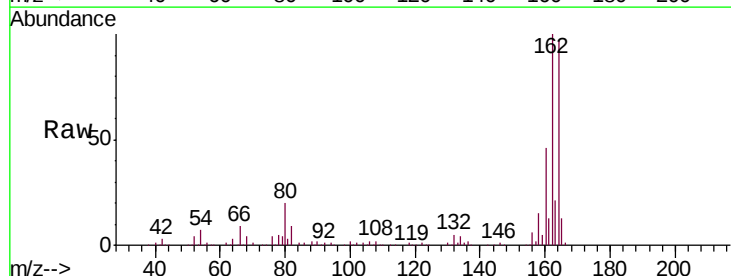


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

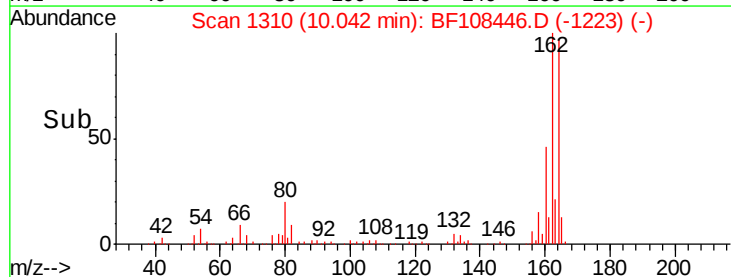
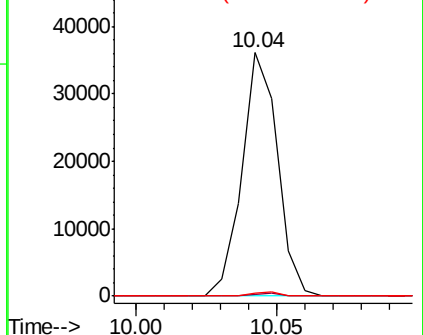


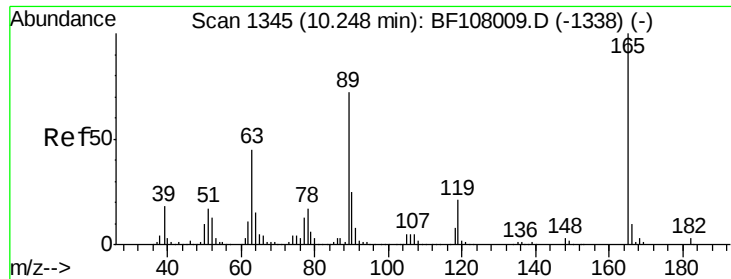
#50
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:165 Resp: 31474
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.3 44.0 66.0#



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

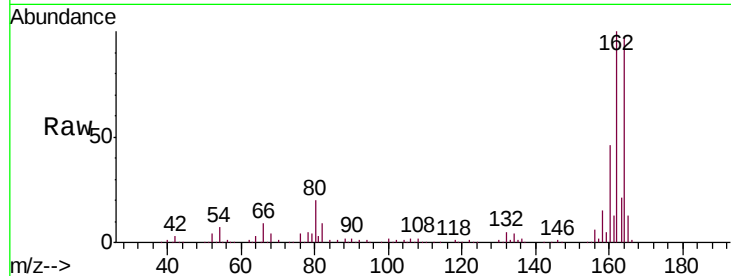




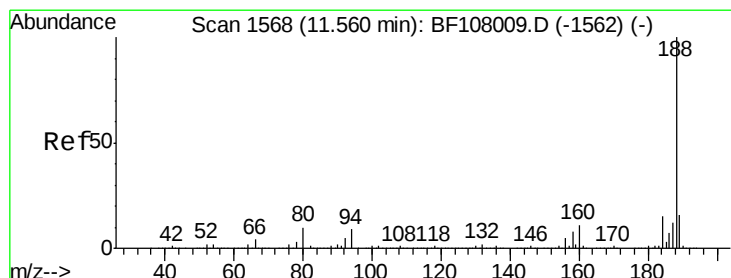
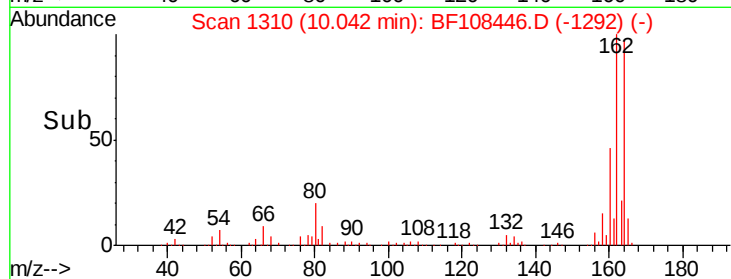
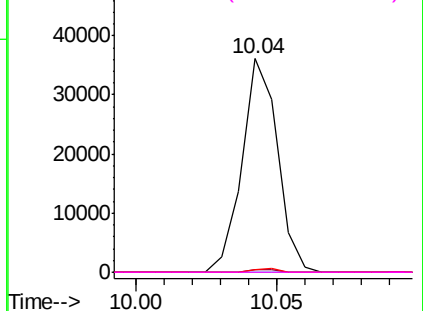
#56
 2,4-Dinitrotoluene
 Concen: 6.754 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108446.D
 Acq: 24 Aug 2018 3:43

Instrument :
 BNA_F
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 DFTPP

Tgt Ion:	165	Resp:	31474
Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

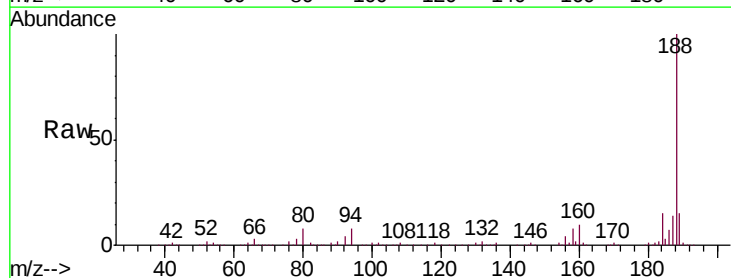


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

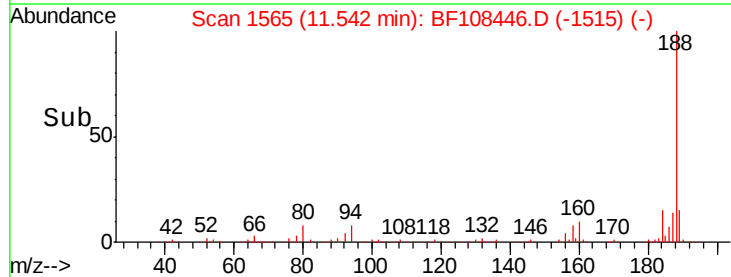
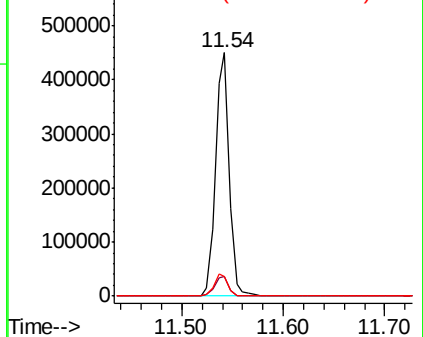


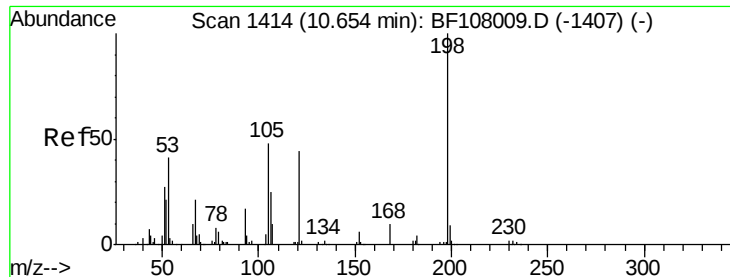
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108446.D
 Acq: 24 Aug 2018 3:43

Tgt Ion:	188	Resp:	421303
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.2	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: 5.581 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DFTPP

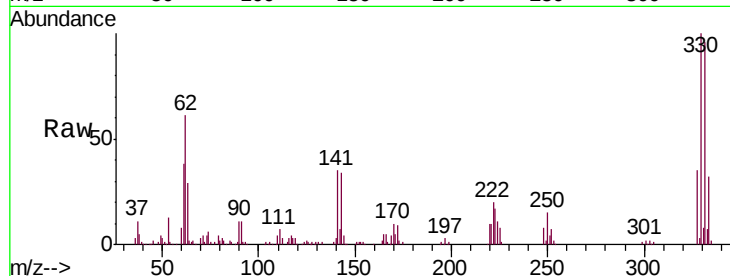
Tgt Ion:198 Resp: 396

Ion Ratio Lower Upper

198 100

51 251.4 37.7 77.7#

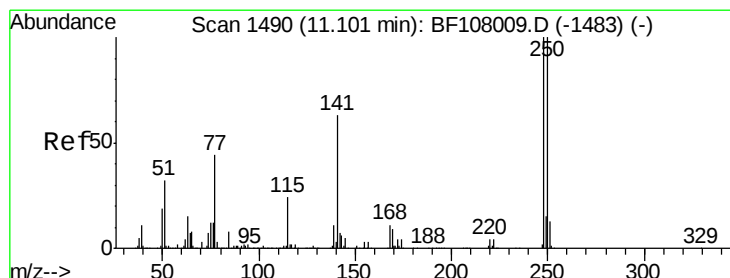
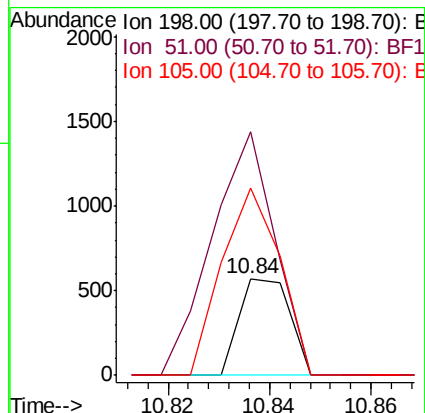
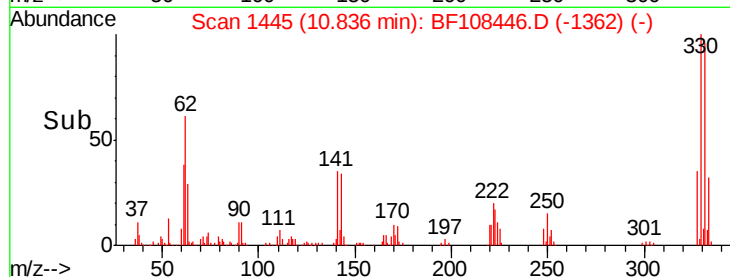
105 193.7 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 3.273 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

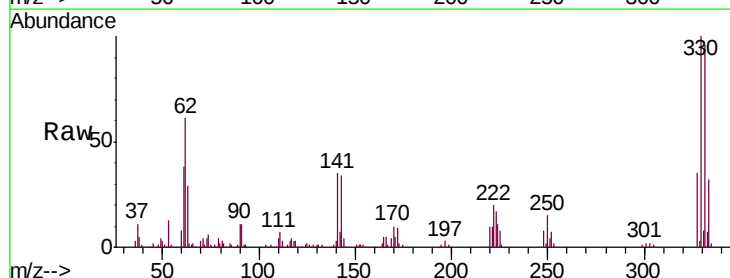
Tgt Ion:248 Resp: 14985

Ion Ratio Lower Upper

248 100

250 190.9 76.9 115.3#

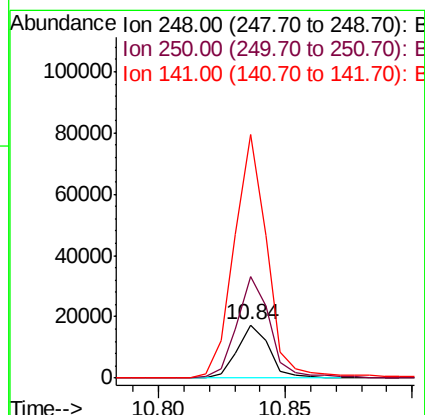
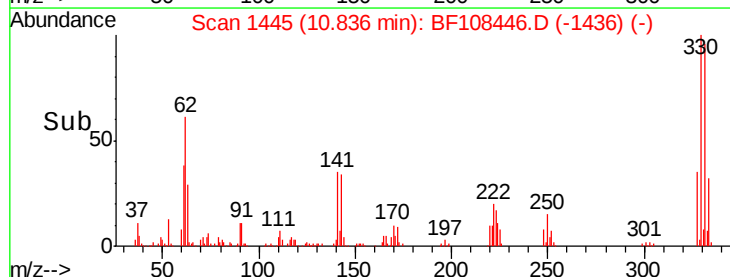
141 456.5 74.4 111.6#

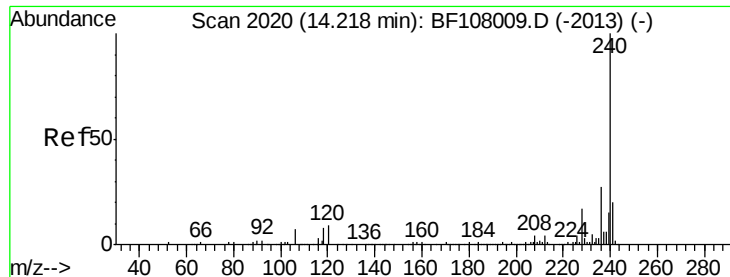


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DFTPP

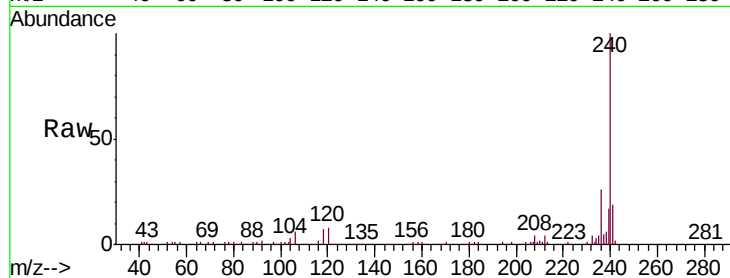
Tgt Ion:240 Resp: 292025

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

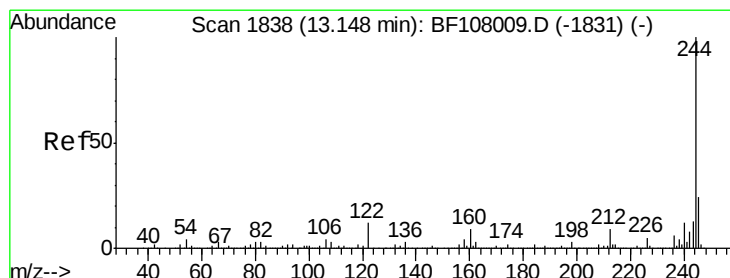
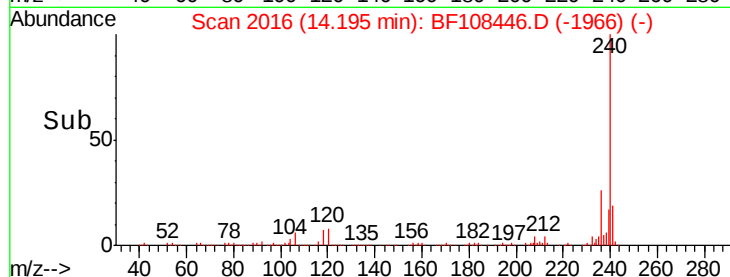
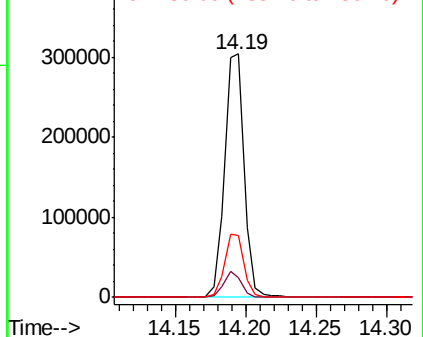
236 25.6 20.7 31.1



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: 77.099 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108446.D

Acq: 24 Aug 2018 3:43

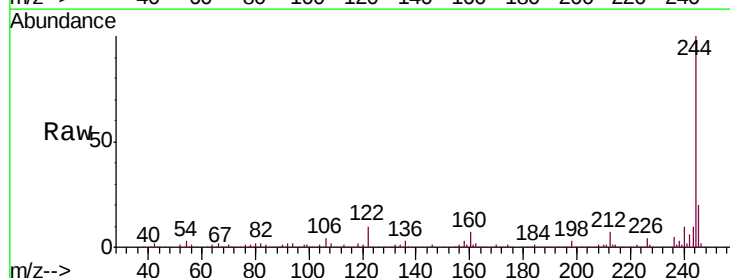
Tgt Ion:244 Resp: 885515

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

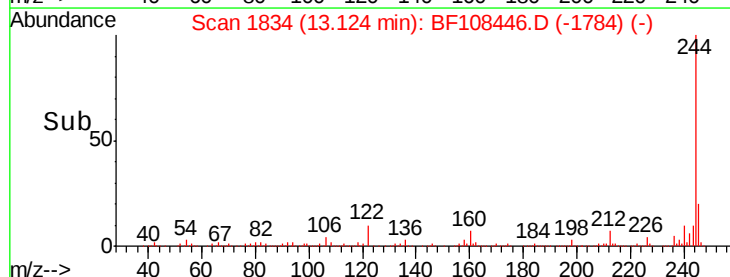
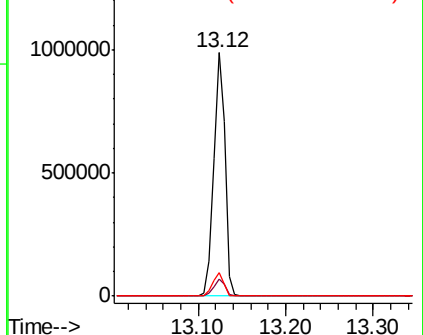
122 9.9 11.0 16.4#

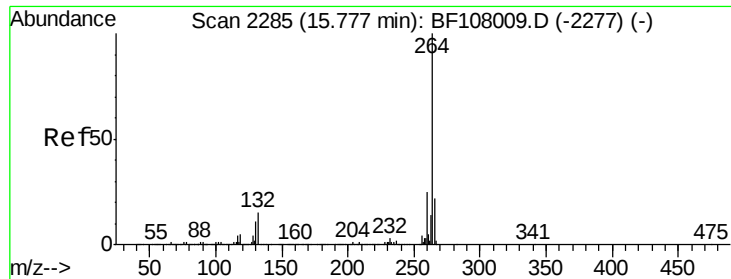


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

