

Data File : BF108875.D
Acq On : 7 Sep 2018 21:48
Operator : JU/SJ
Sample : PB112683BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112683BL

Quant Time: Sep 07 23:26:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214013	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	779597	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	350297	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	556604	20.00	ng	0.00
75) Chrysene-d12	13.87	240	445323	20.00	ng	0.00
86) Perylene-d12	15.27	264	491746	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1152839	89.24	ng	0.02
7) Phenol-d6	6.37	99	1450703	87.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1323303	106.23	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	273242	81.71	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2145860	104.51	ng	0.00
78) Terphenyl-d14	12.82	244	1565103	81.96	ng	0.00

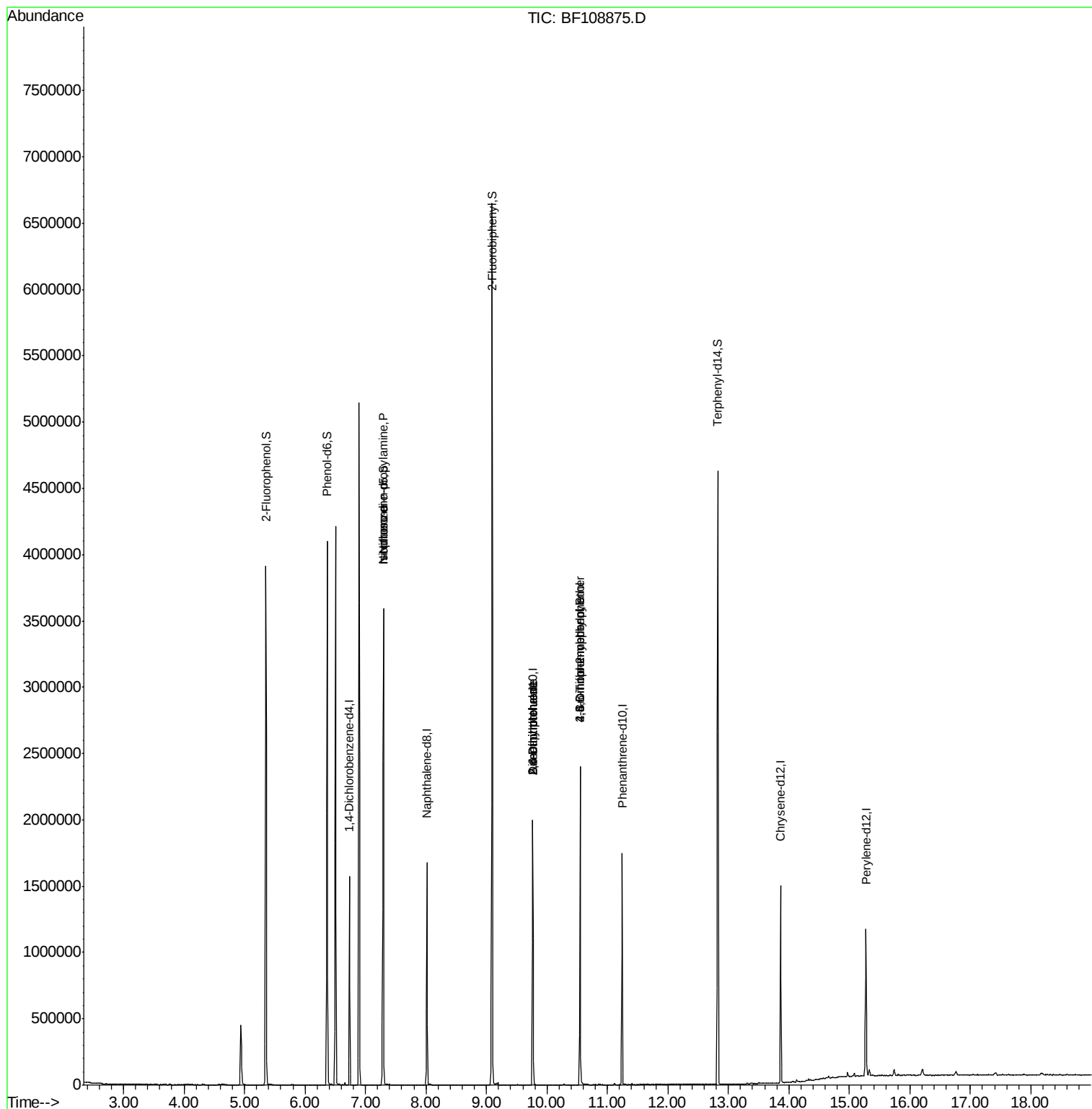
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	176716	15.295	ng	# 78
25) Isophorone	7.30	82	1310634	52.745	ng	# 64
49) Dimethylphthalate	9.77	163	93748	3.826	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	45773	9.804	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	45773	7.667	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	545	7.082	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17127	2.724	ng	# 1

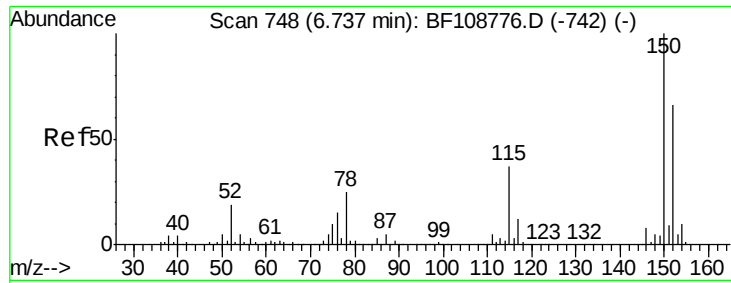
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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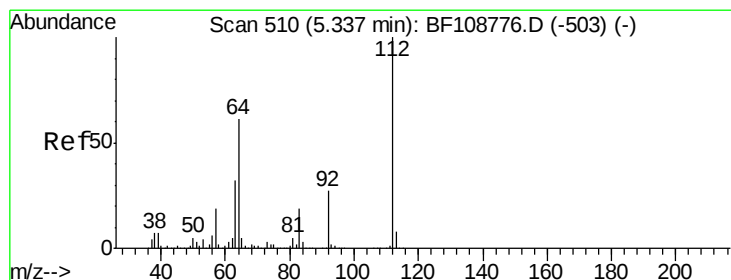
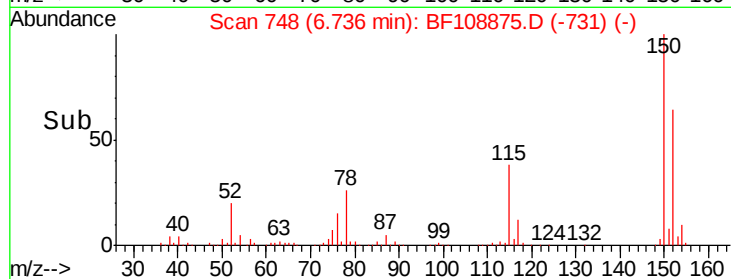
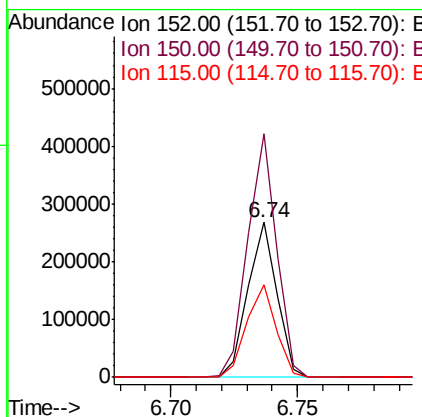
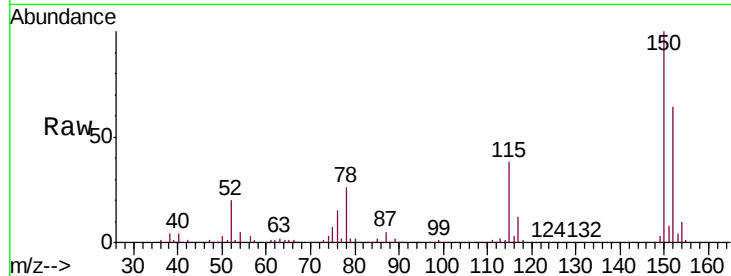


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Instrument :
BNA_F
ClientSampled :
PB112683BL

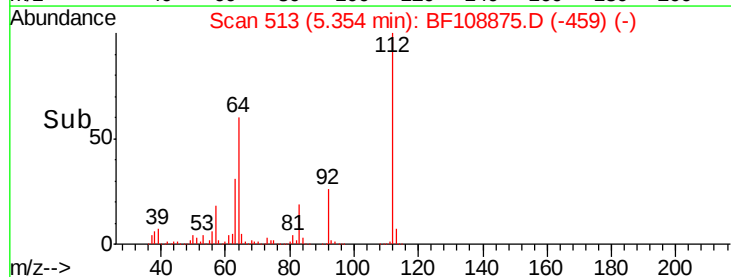
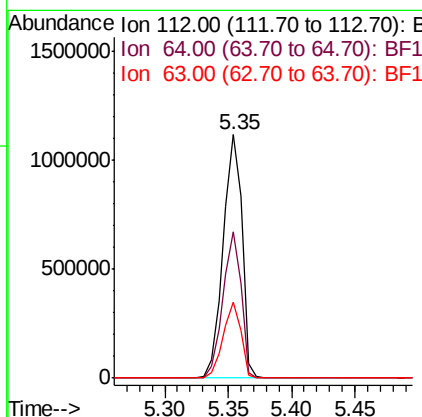
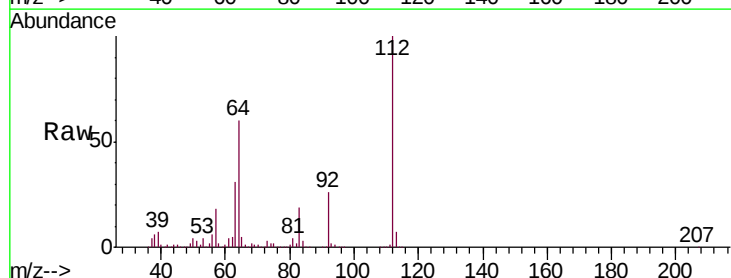
Tgt Ion:152 Resp: 214013
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 59.9 50.1 75.1

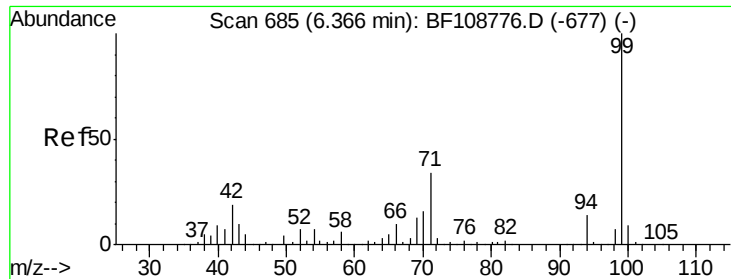


#5

2-Fluorophenol
Concen: 89.241 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Tgt Ion:112 Resp: 1152839
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 87.279 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB112683BL

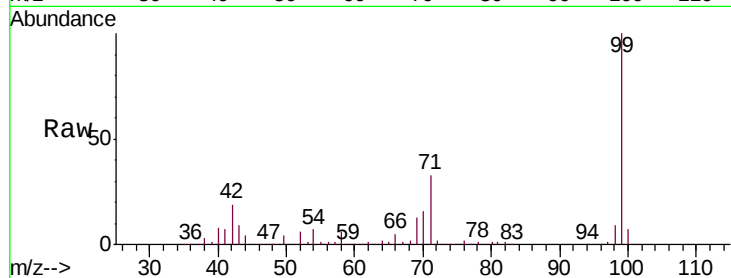
Tgt Ion: 99 Resp: 1450703

Ion Ratio Lower Upper

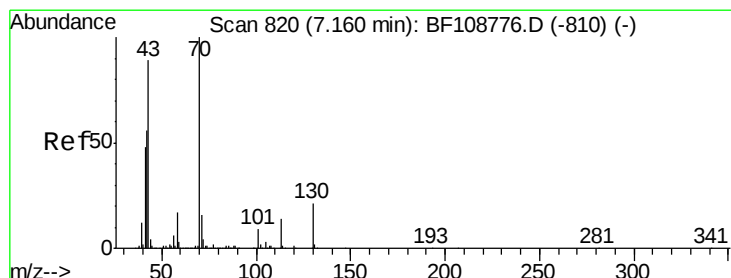
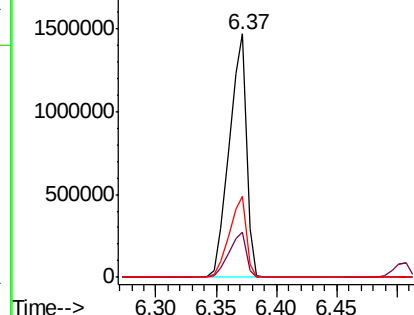
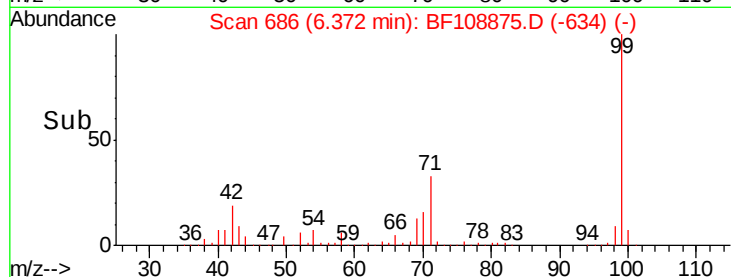
99 100

42 18.6 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
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: 15.295 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Tgt Ion: 70 Resp: 176716

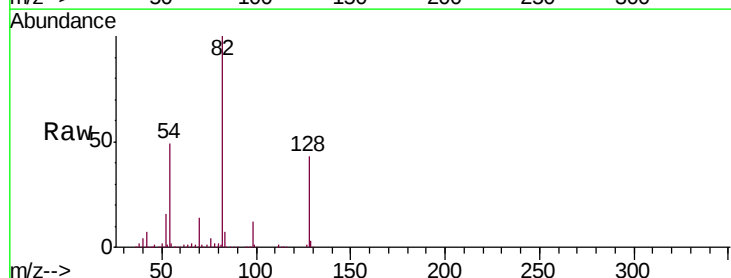
Ion Ratio Lower Upper

70 100

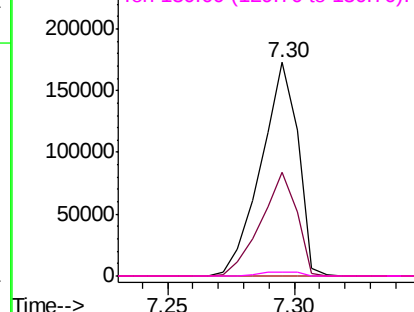
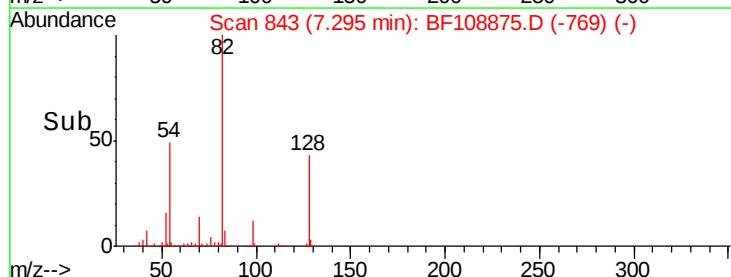
42 48.4 47.5 71.3

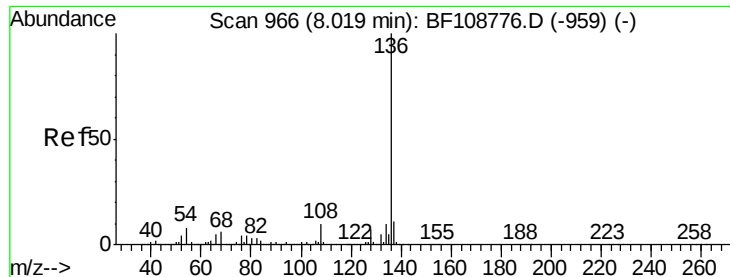
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
250000
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

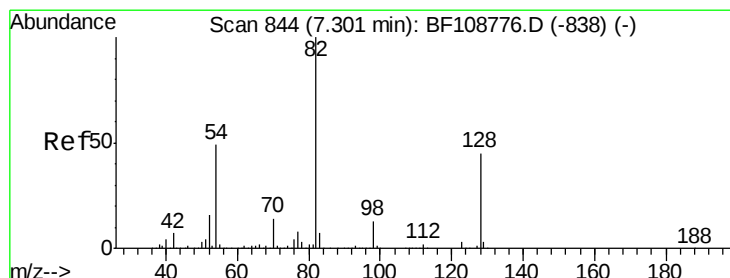
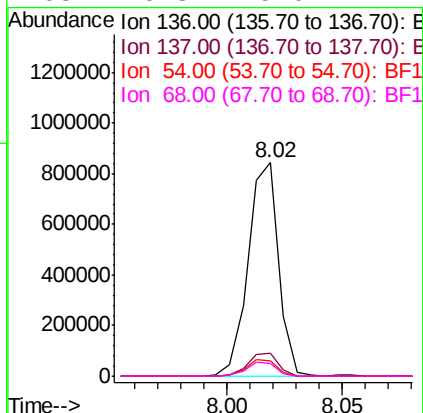
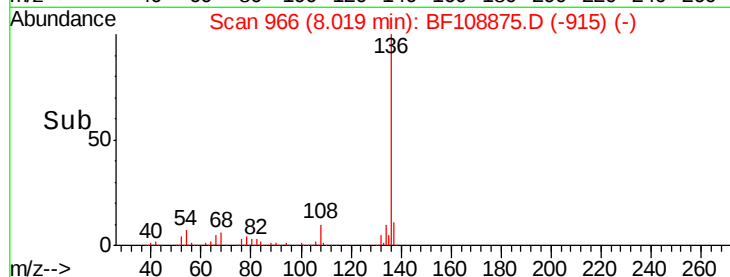
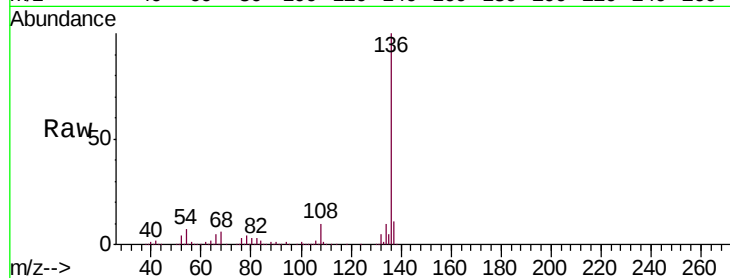




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

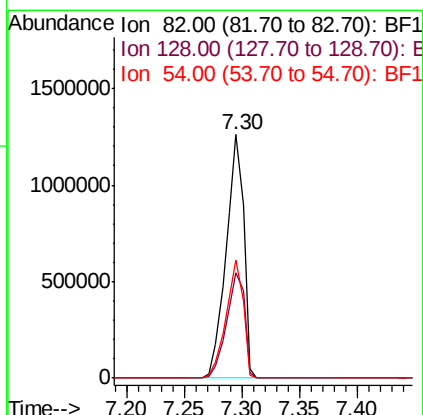
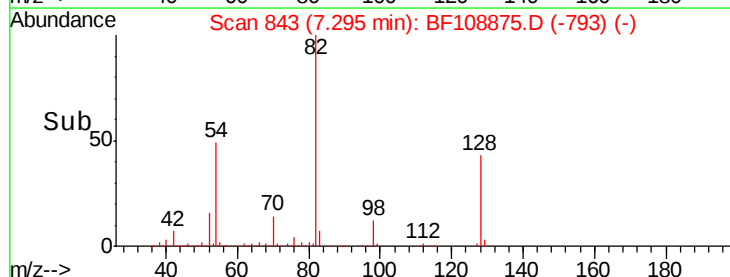
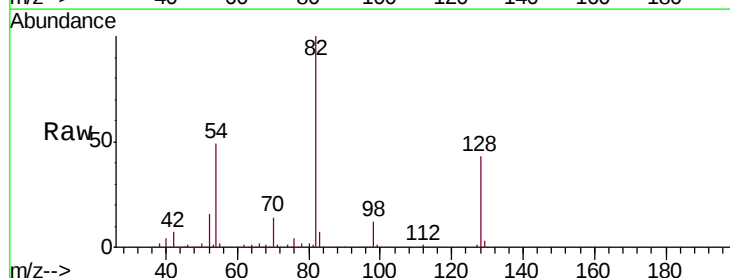
Instrument :
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ClientSampleId :
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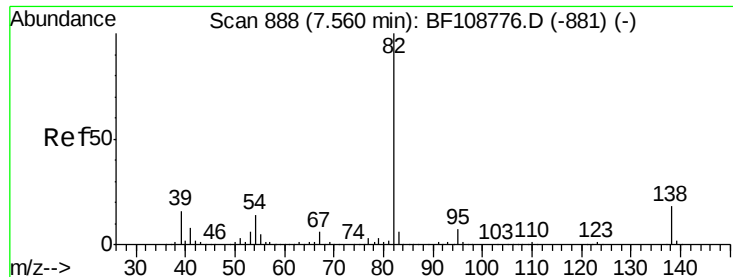
Tgt Ion:	136	Resp:	779597
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 106.226 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Tgt Ion:	82	Resp:	1323303
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.6	41.4	62.2





#25

Isophorone

Concen: 52.745 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB112683BL

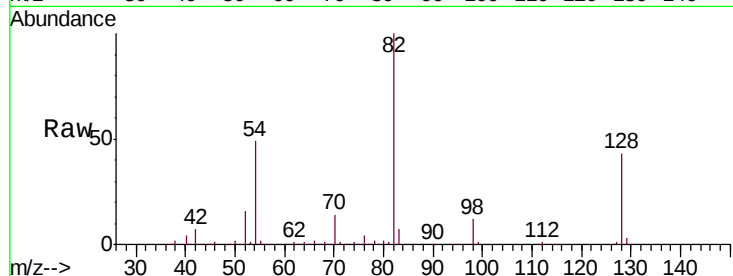
Tgt Ion: 82 Resp: 1310634

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

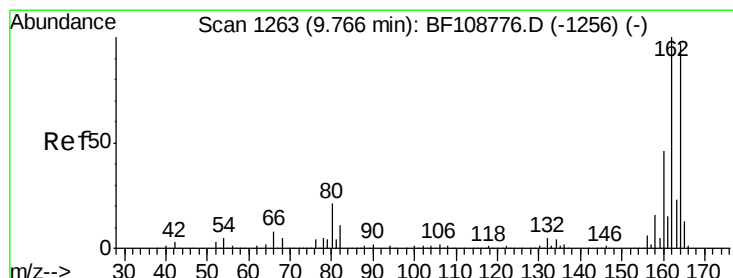
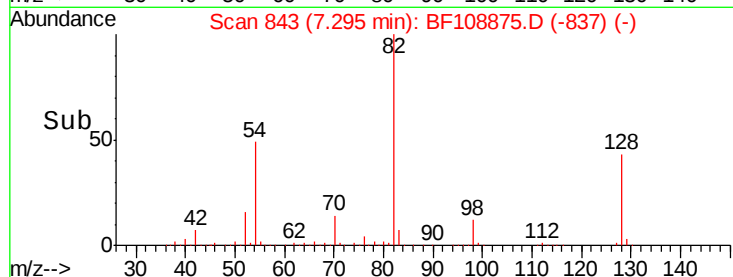
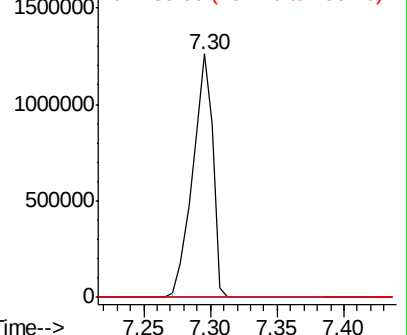
138 0.0 14.9 22.3#



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: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

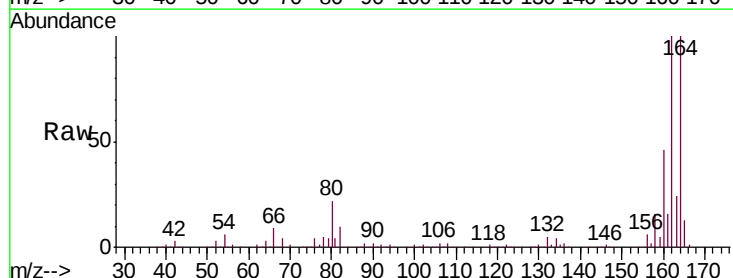
Tgt Ion: 164 Resp: 350297

Ion Ratio Lower Upper

164 100

162 99.8 86.1 129.1

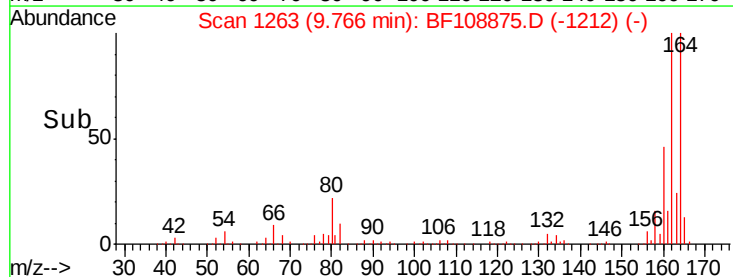
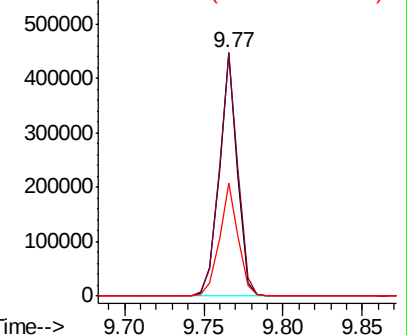
160 46.4 38.3 57.5

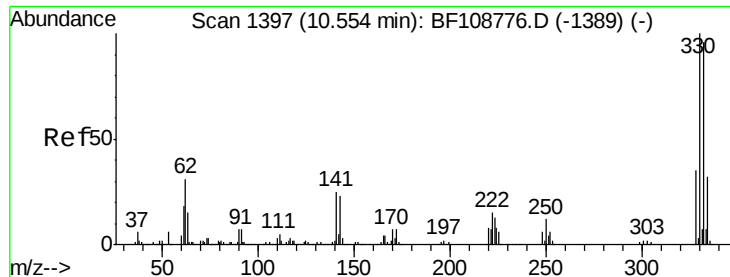


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

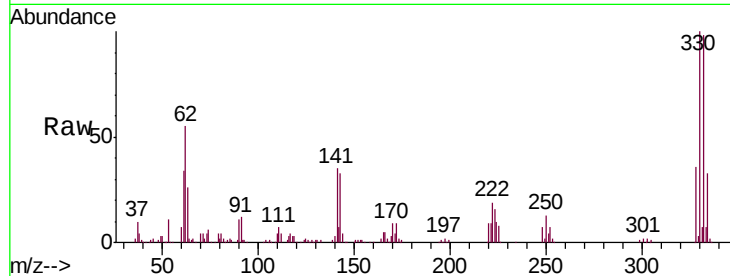




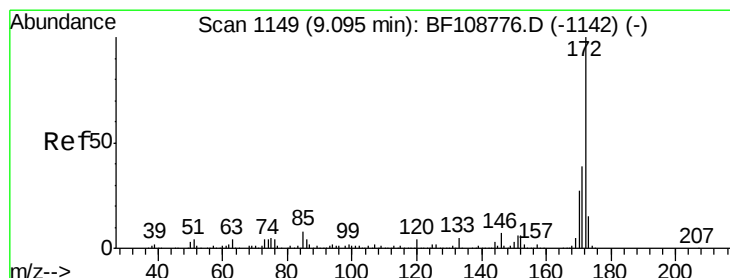
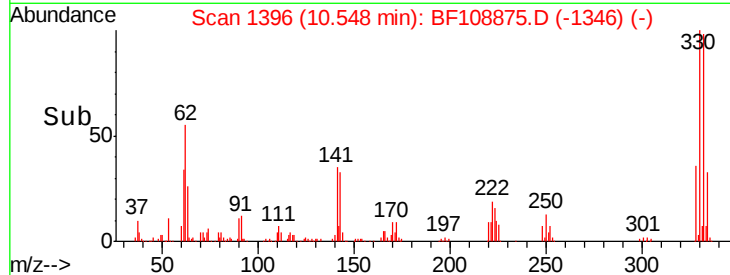
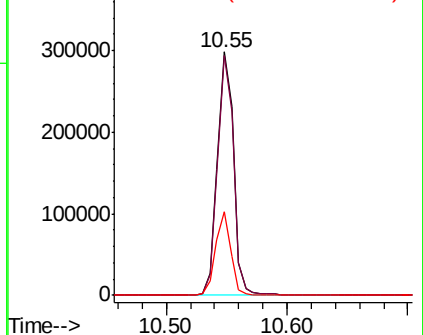
#41
 2,4,6-Tribromophenol
 Concen: 81.709 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BL

Tgt Ion:330 Resp: 273242
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 32.5 29.9 44.9

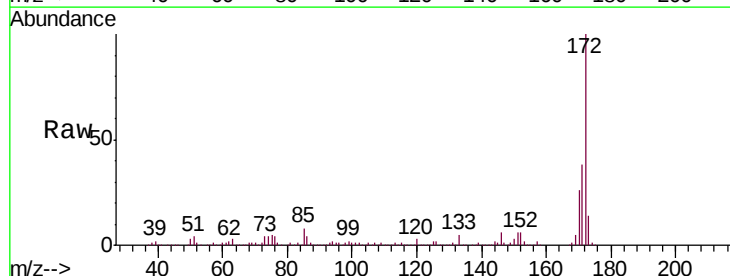


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

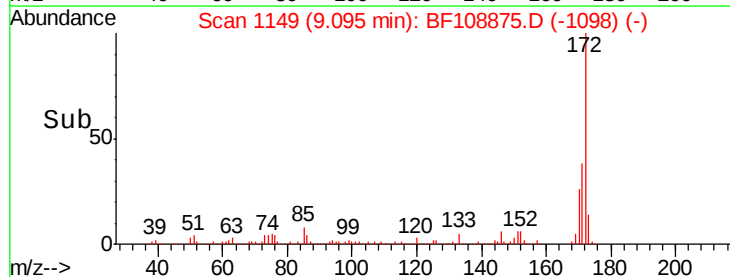
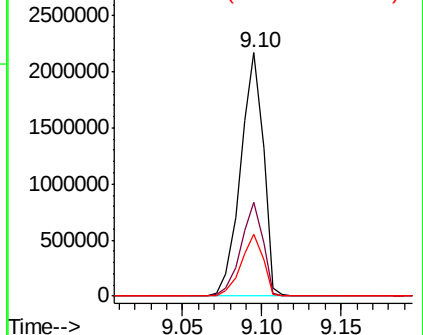


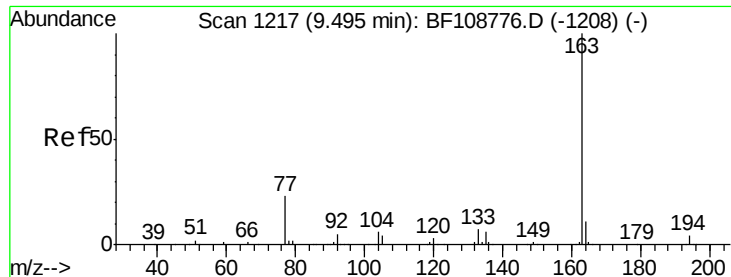
#44
 2-Fluorobiphenyl
 Concen: 104.506 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Tgt Ion:172 Resp: 2145860
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.7 44.5
 170 25.6 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

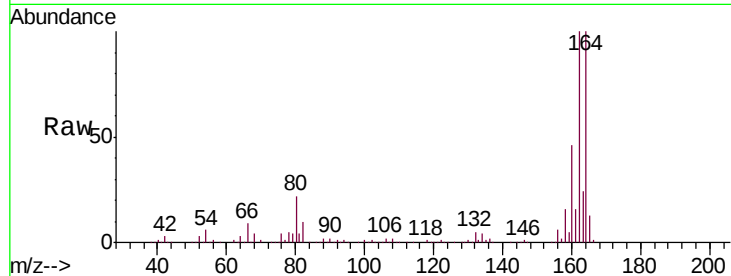




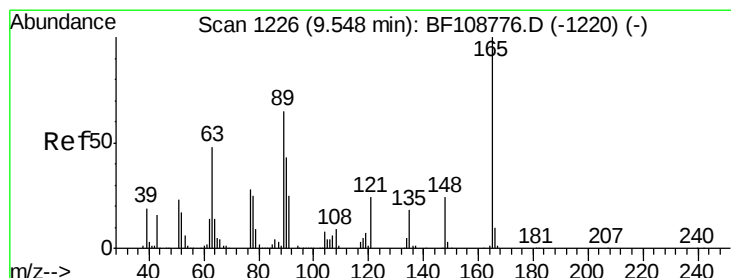
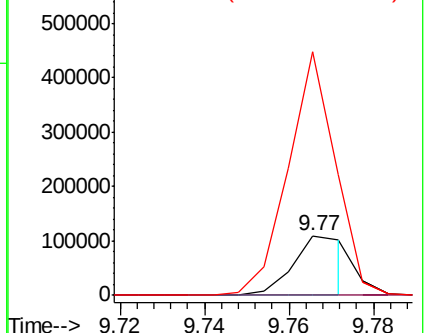
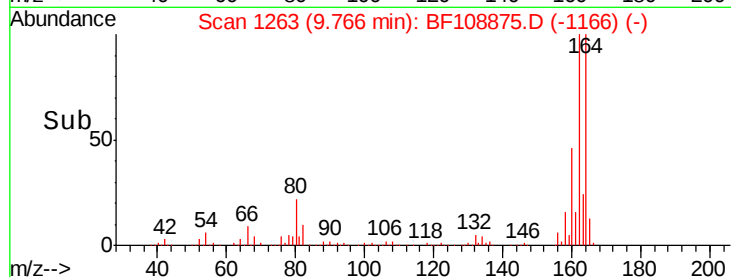
#49
Dimethylphthalate
Concen: 3.826 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.27 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 93748
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 409.0 8.2 12.2#

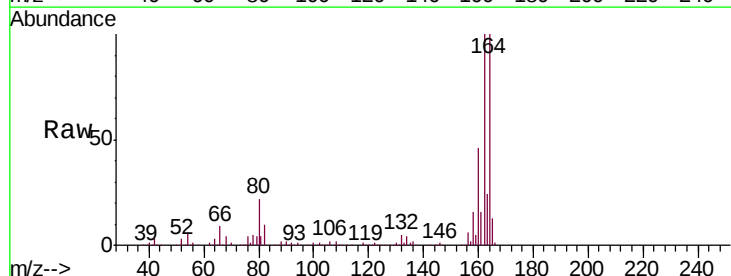


Abundance Ion 163.00 (162.70 to 163.70): E
600000 Ion 194.00 (193.70 to 194.70): E
500000 Ion 164.00 (163.70 to 164.70): E

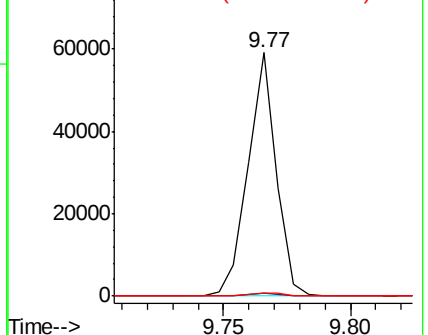
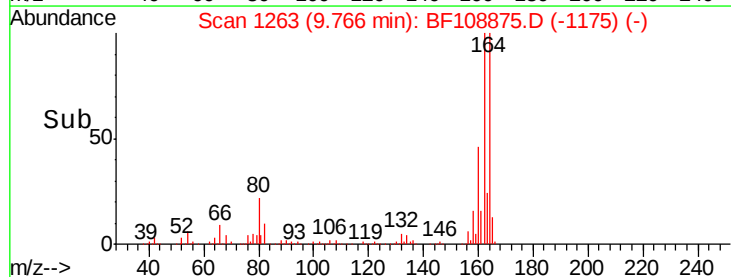


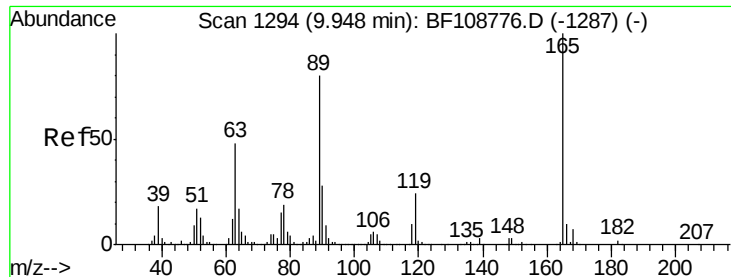
#50
2,6-Dinitrotoluene
Concen: 9.804 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Tgt Ion:165 Resp: 45773
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
80000 Ion 63.00 (62.70 to 63.70): BF1
60000 Ion 89.00 (88.70 to 89.70): BF1

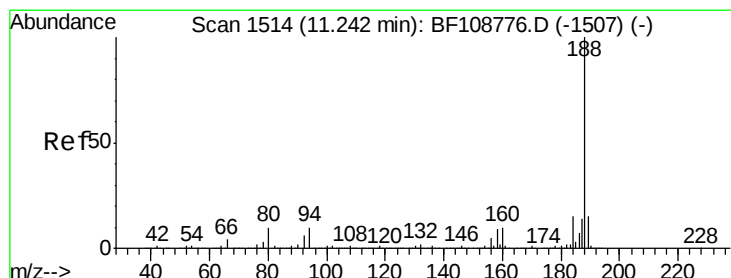
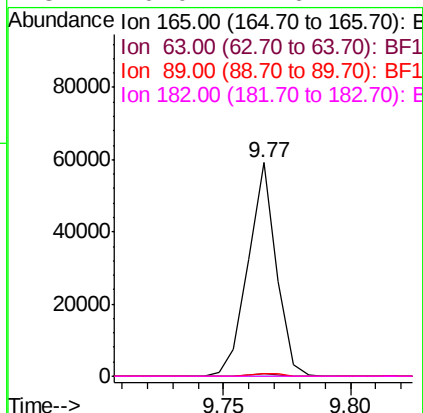
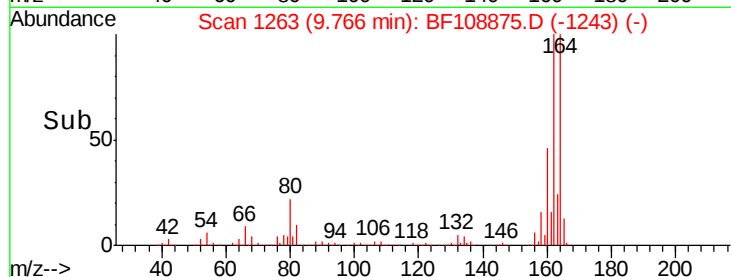
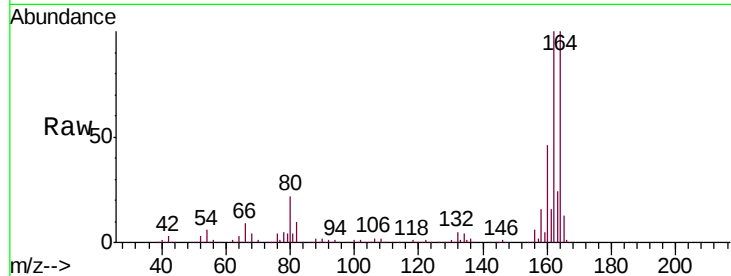




#56
 2,4-Dinitrotoluene
 Concen: 7.667 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

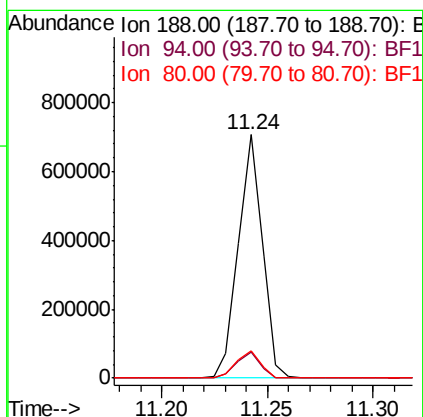
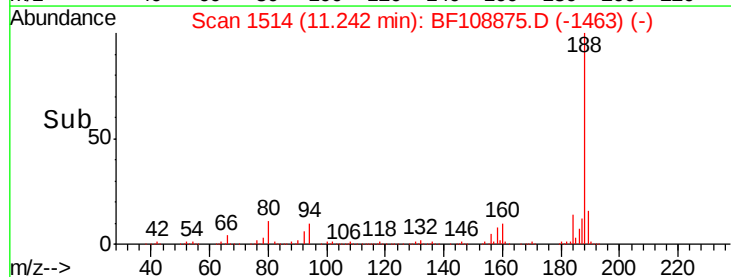
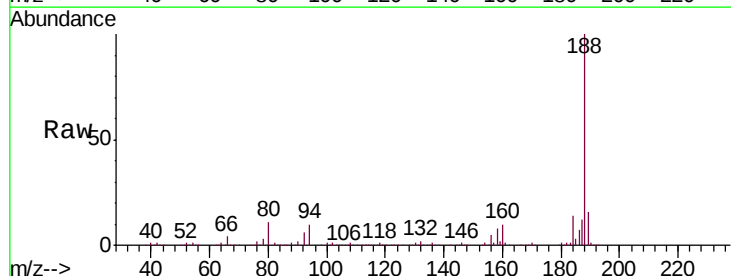
Instrument :
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 ClientSampleId :
 PB112683BL

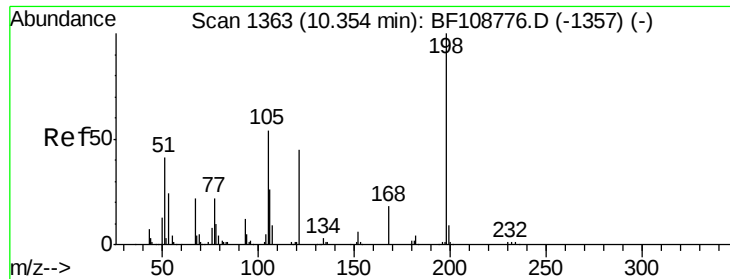
Tgt Ion:165 Resp: 45773
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Tgt Ion:188 Resp: 556604
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.1 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.082 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB112683BL

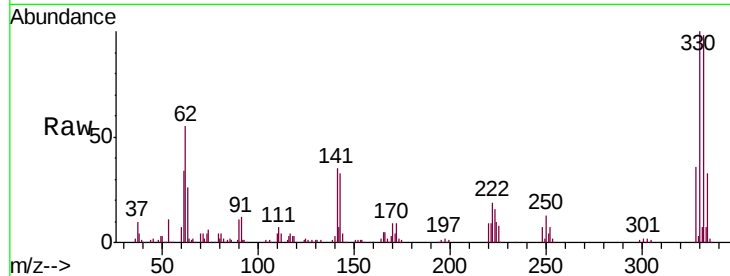
Tgt Ion:198 Resp: 545

Ion Ratio Lower Upper

198 100

51 174.4 37.7 77.7#

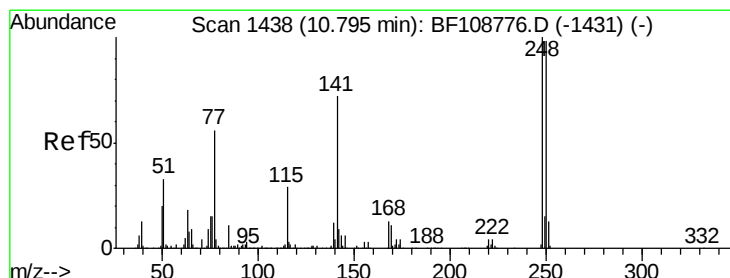
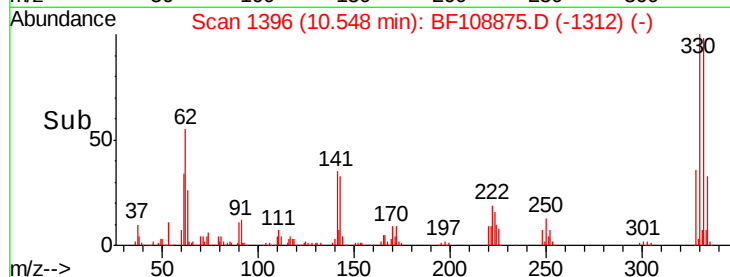
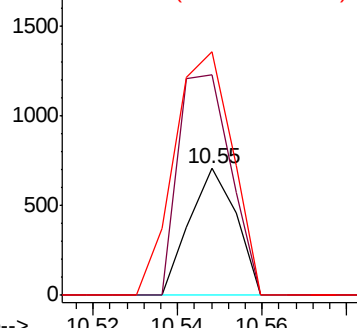
105 192.3 36.3 76.3#



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: 2.724 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.25 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

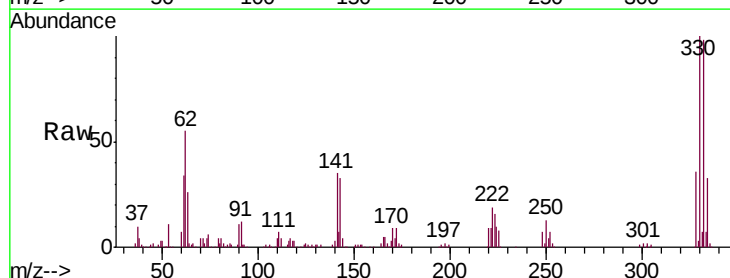
Tgt Ion:248 Resp: 17127

Ion Ratio Lower Upper

248 100

250 187.2 76.9 115.3#

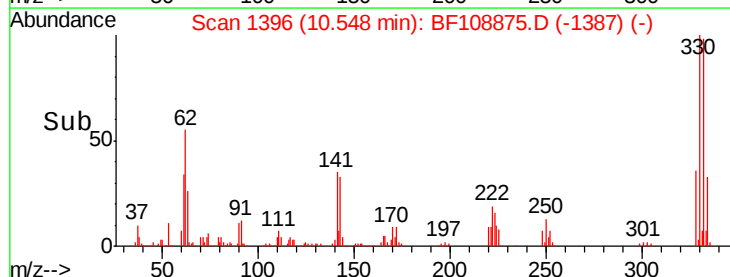
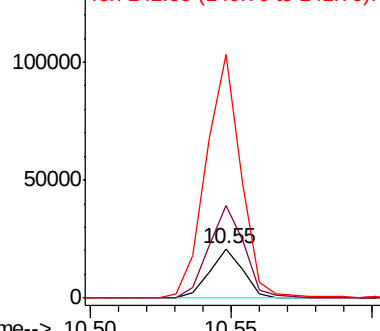
141 494.8 74.4 111.6#

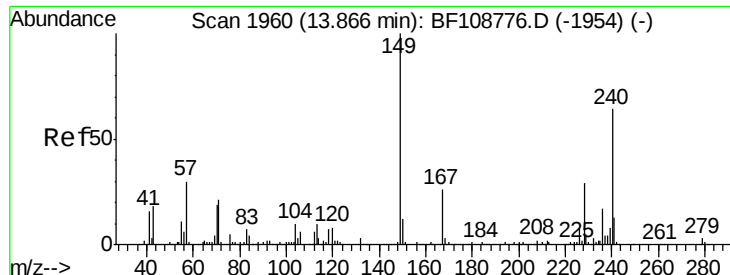


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB112683BL

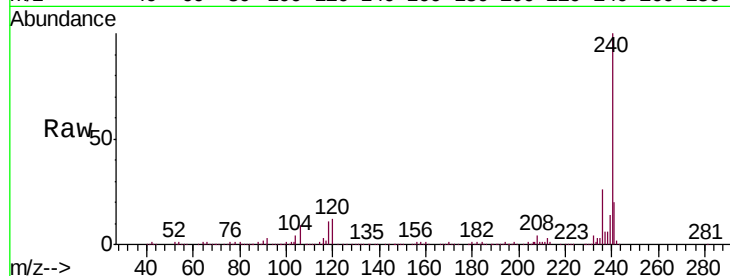
Tgt Ion:240 Resp: 445323

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

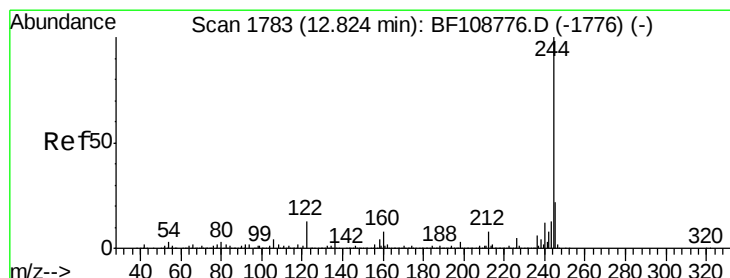
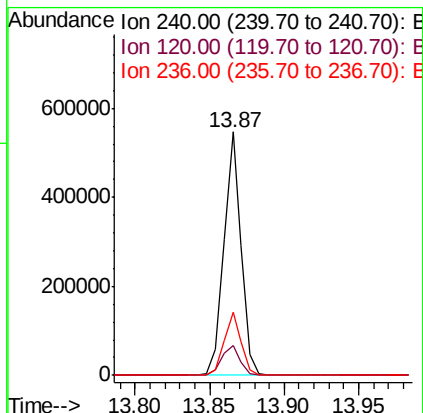
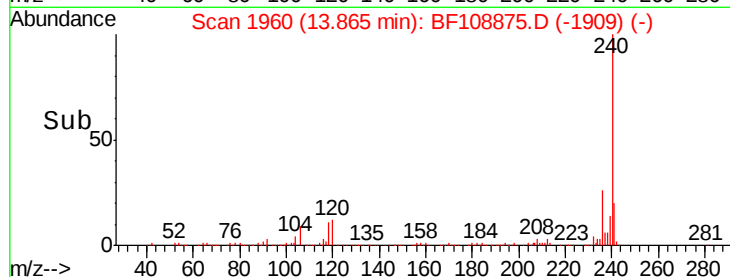
236 25.9 20.7 31.1



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: 81.955 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

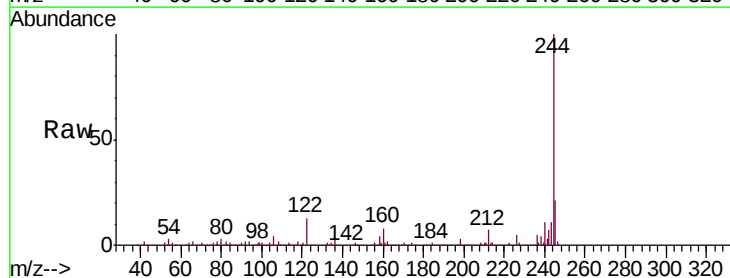
Tgt Ion:244 Resp: 1565103

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

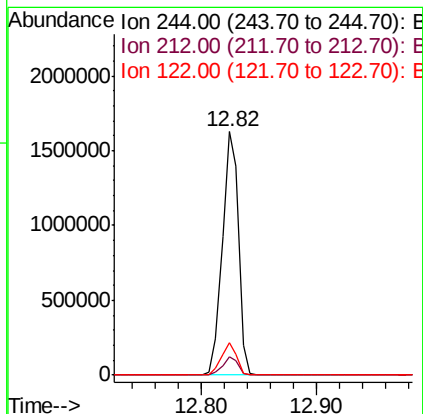
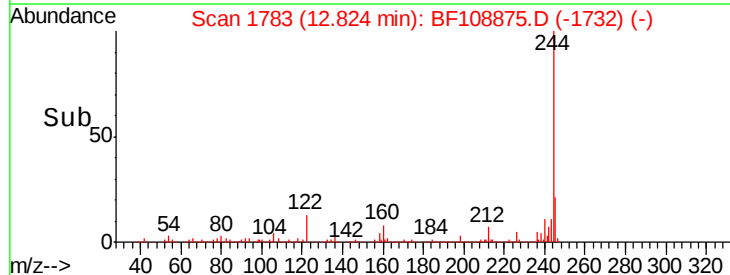
122 13.1 11.0 16.4

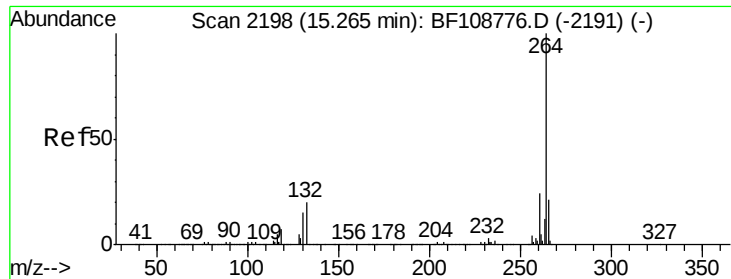


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB112683BL

Tgt Ion: 264 Resp: 491746
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.2 17.5 26.3

