

Data File : BF108872.D
Acq On : 7 Sep 2018 20:27
Operator : JU/SJ
Sample : J4811-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-U-B

Quant Time: Sep 07 23:24:06 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	210237	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	768078	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	337874	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	535963	20.00	ng	0.00
75) Chrysene-d12	13.87	240	475293	20.00	ng	0.00
86) Perylene-d12	15.28	264	507986	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	600611	47.33	ng	0.00
7) Phenol-d6	6.36	99	532932	32.64	ng	0.00
23) Nitrobenzene-d5	7.30	82	1316206	107.24	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	279783	86.74	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2077507	104.90	ng	0.00
78) Terphenyl-d14	12.83	244	1595327	78.27	ng	0.00

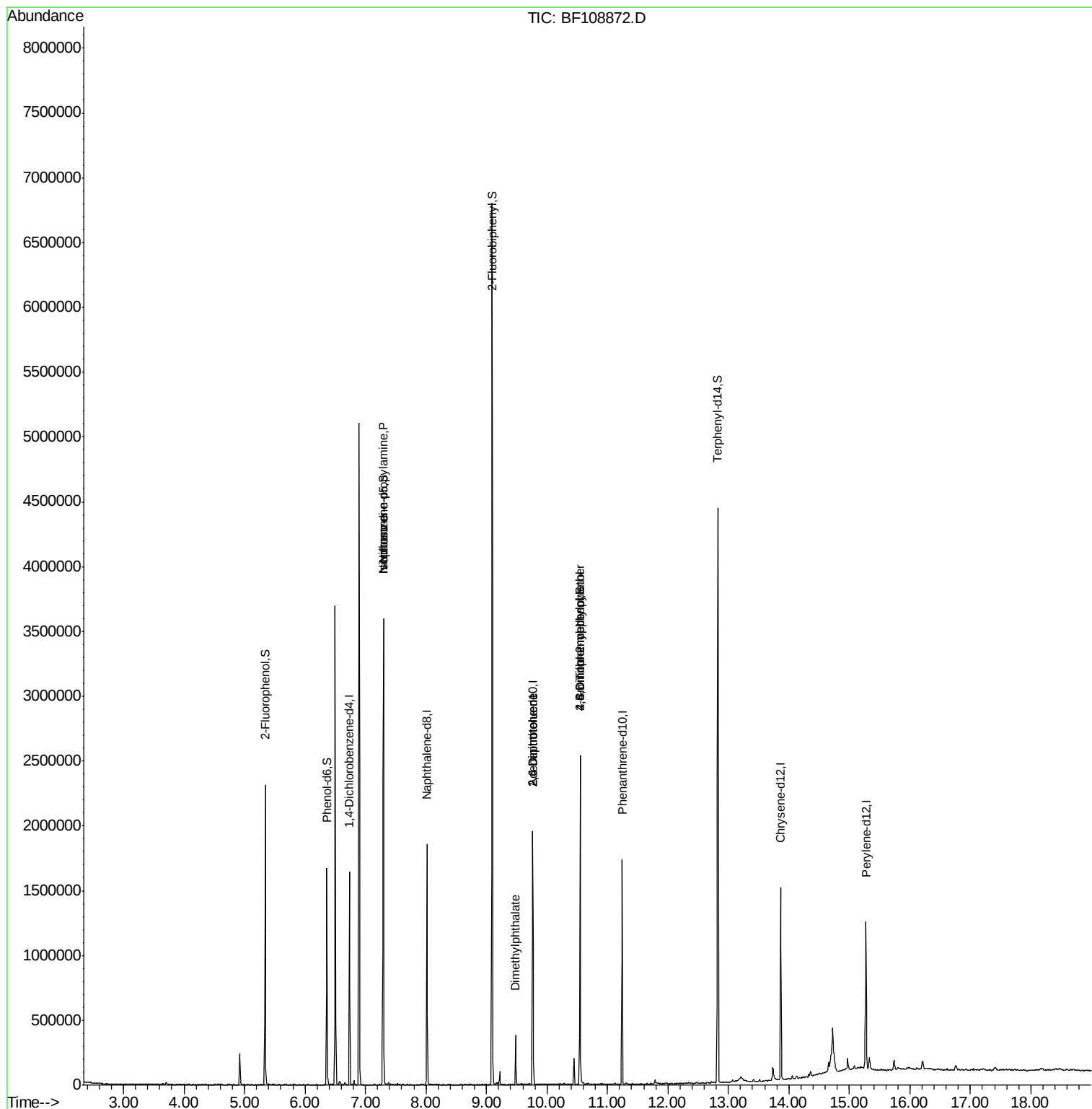
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	180456	15.900	ng	# 78
25) Isophorone	7.30	82	1310675	53.538	ng	# 64
49) Dimethylphthalate	9.48	163	130235	5.511	ng	100
50) 2,6-Dinitrotoluene	9.77	165	43206	9.595	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	43206	7.503	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	699	7.153	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17082	2.822	ng	# 1

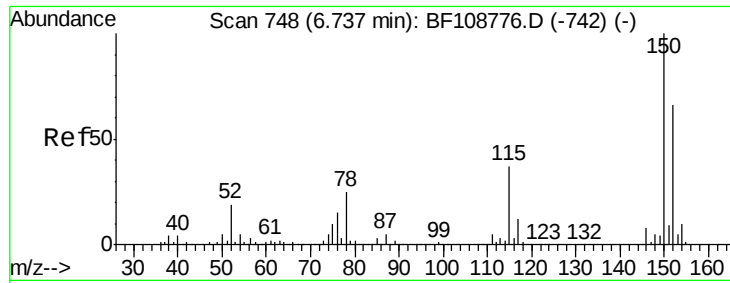
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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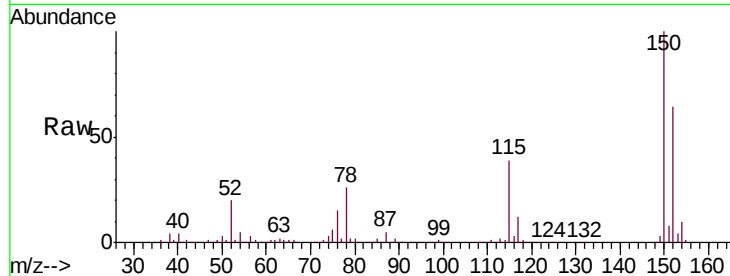




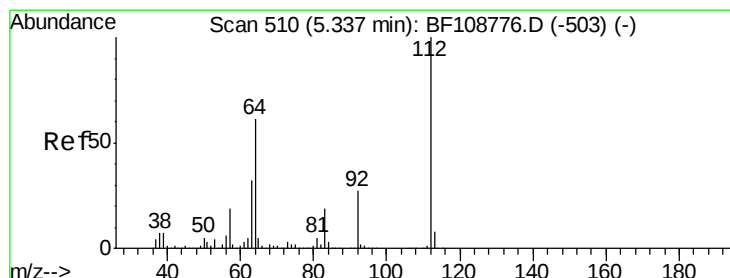
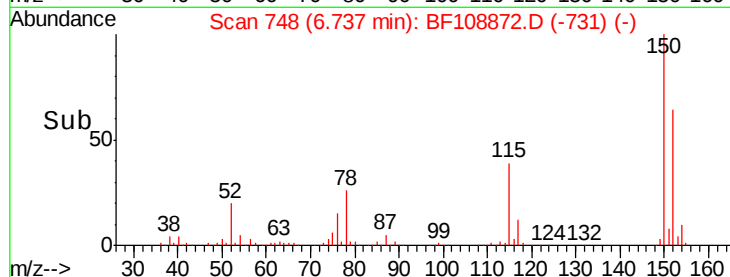
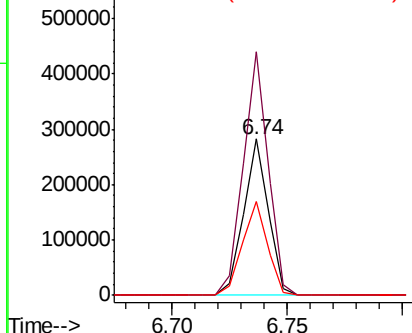
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108872.D
 Acq: 7 Sep 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-U-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.0	50.1	75.1

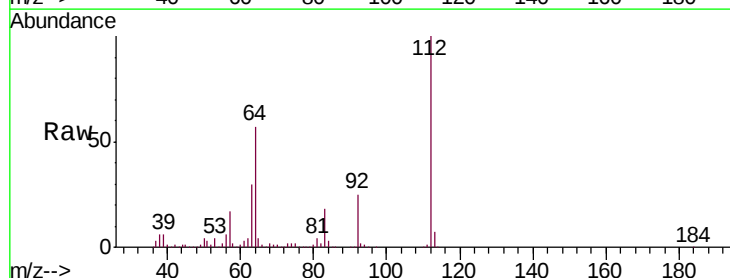


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

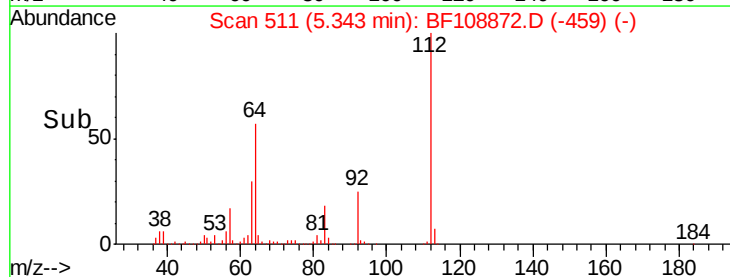
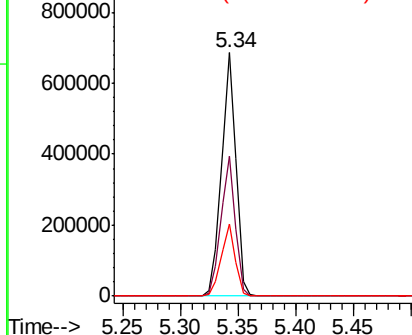


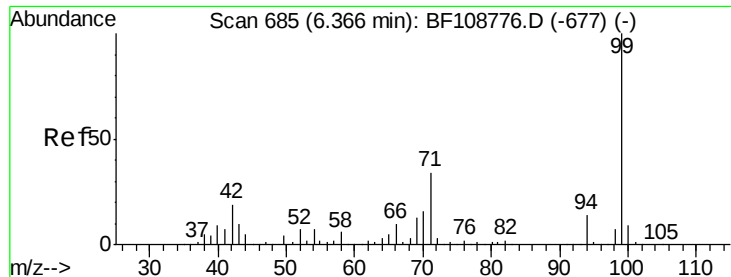
#5
 2-Fluorophenol
 Concen: 47.328 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108872.D
 Acq: 7 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.5	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: 32.639 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108872.D

Acq: 7 Sep 2018 20:27

Instrument :

BNA_F

ClientSampleId :

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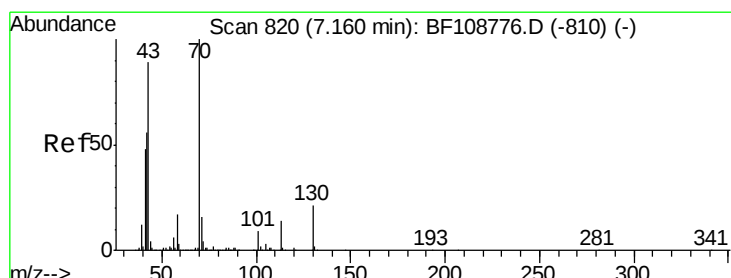
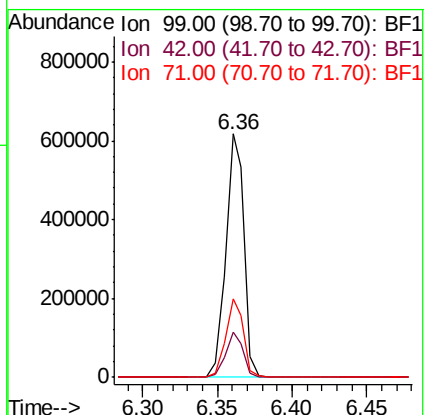
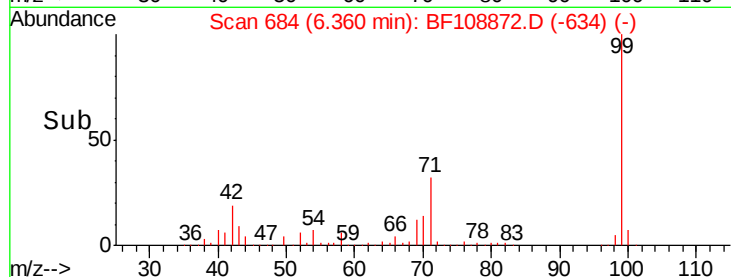
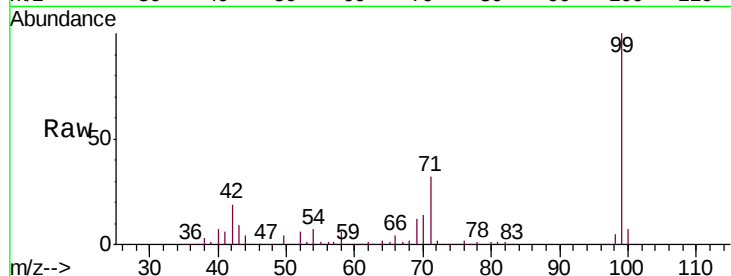
Tgt Ion: 99 Resp: 532932

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.900 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108872.D

Acq: 7 Sep 2018 20:27

Tgt Ion: 70 Resp: 180456

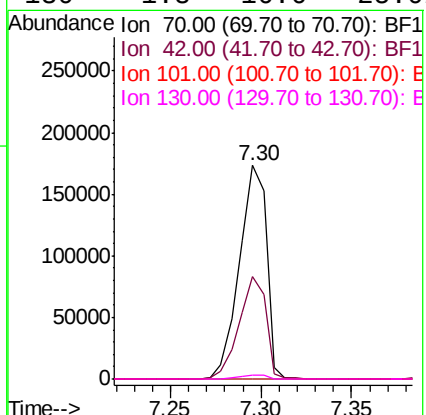
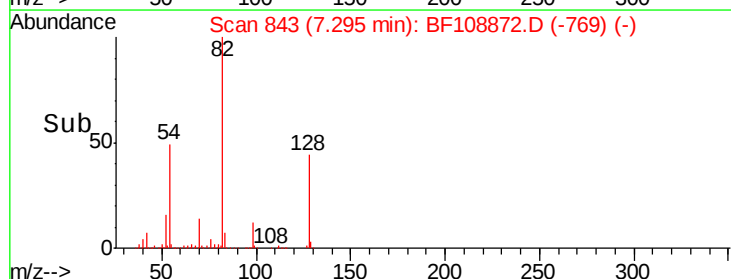
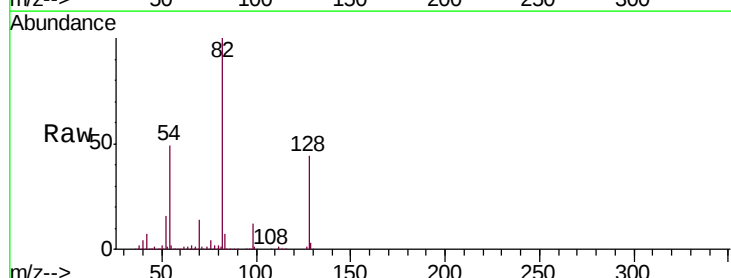
Ion Ratio Lower Upper

70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

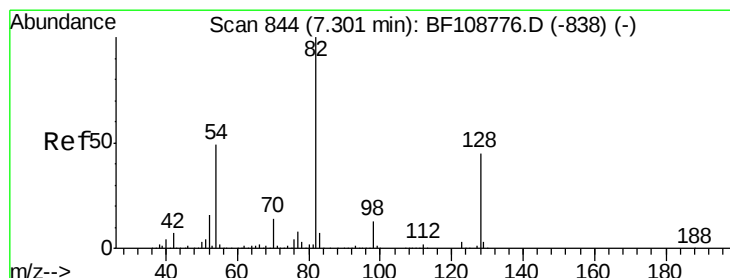
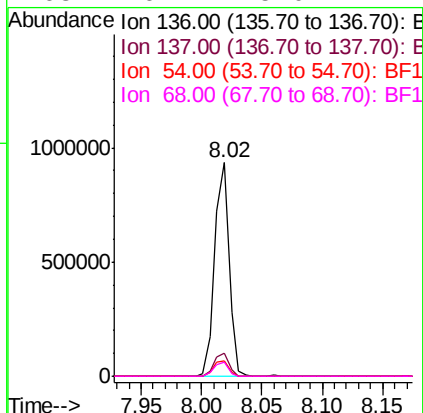
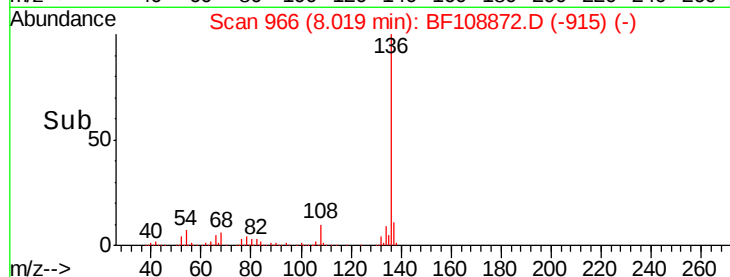
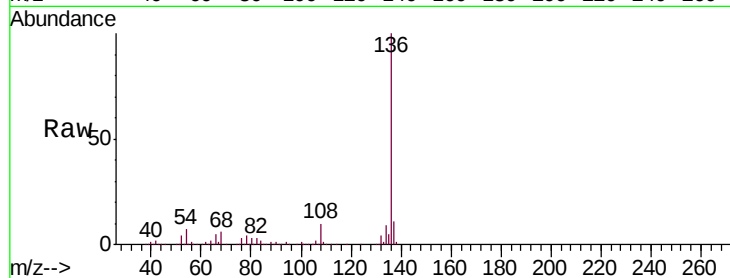




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108872.D
Acq: 7 Sep 2018 20:27

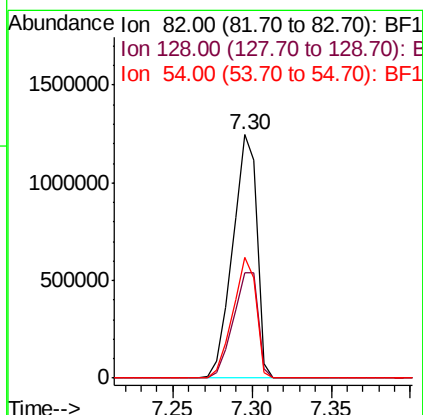
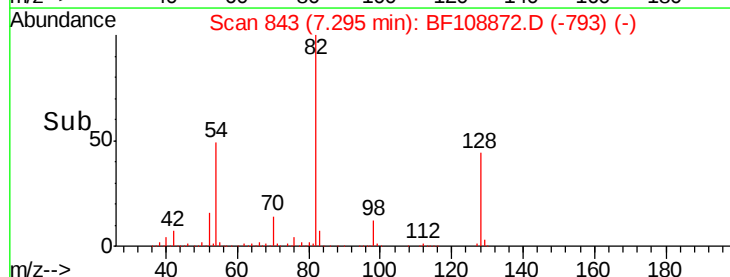
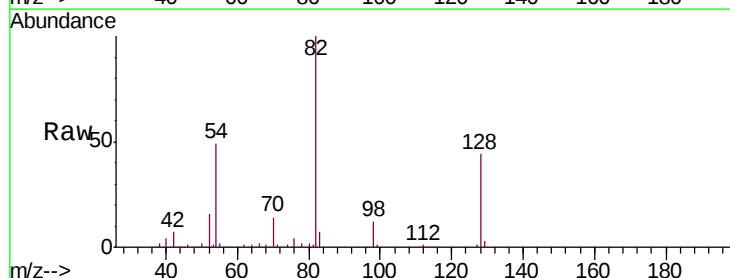
Instrument :
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Tgt Ion:	136	Resp:	768078
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 107.241 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108872.D
Acq: 7 Sep 2018 20:27

Tgt Ion:	82	Resp:	1316206
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.4	41.4	62.2





#25

Isophorone

Concen: 53.538 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108872.D

Acq: 7 Sep 2018 20:27

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-U-B

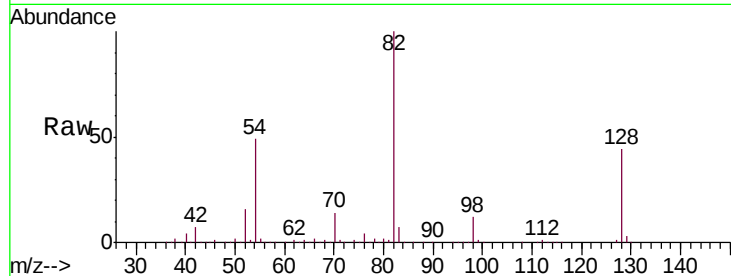
Tgt Ion: 82 Resp: 1310675

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

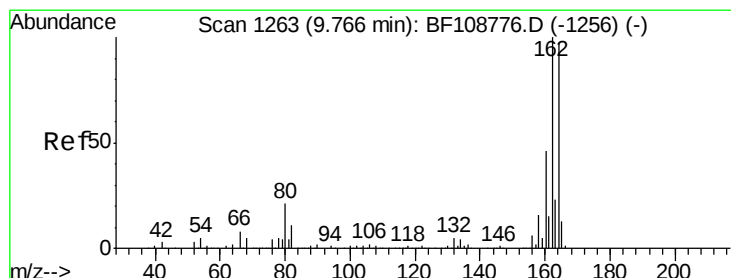
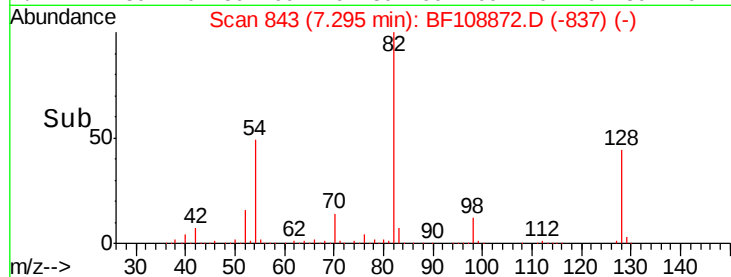
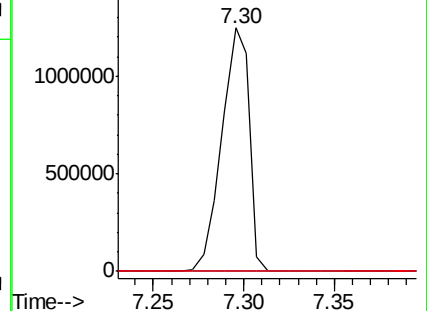
138 0.0 14.9 22.3#



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: BF108872.D

Acq: 7 Sep 2018 20:27

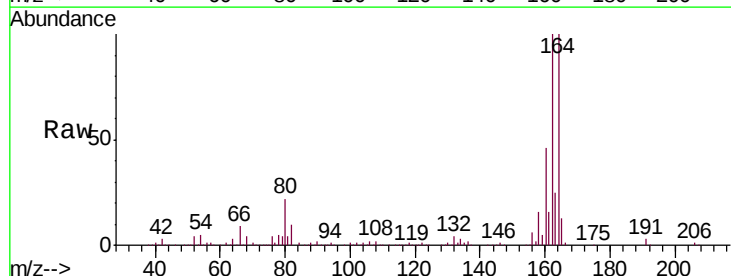
Tgt Ion: 164 Resp: 337874

Ion Ratio Lower Upper

164 100

162 100.3 86.1 129.1

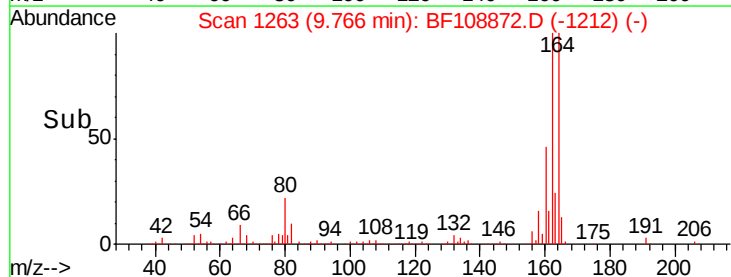
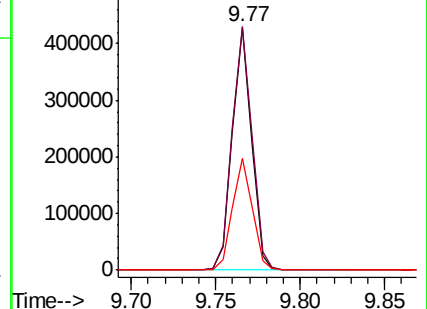
160 46.3 38.3 57.5



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

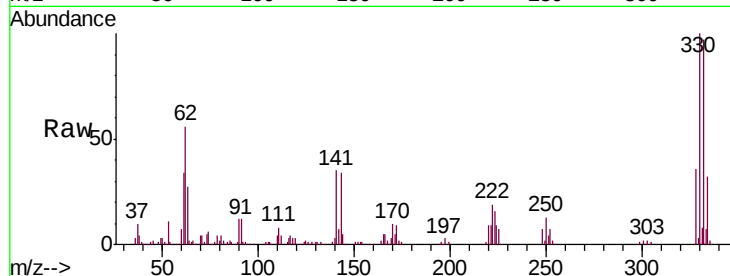




#41
 2,4,6-Tribromophenol
 Concen: 86.741 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108872.D
 Acq: 7 Sep 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.5	29.9	44.9

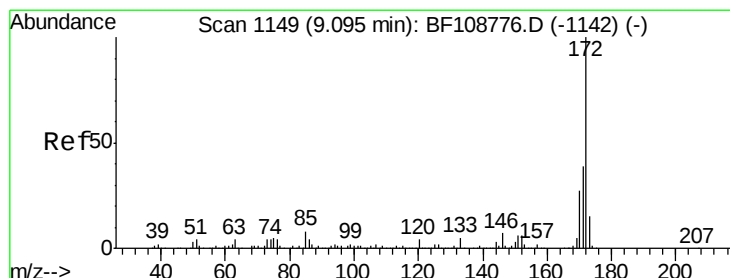
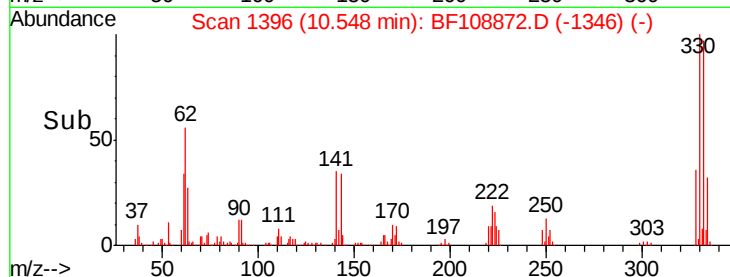
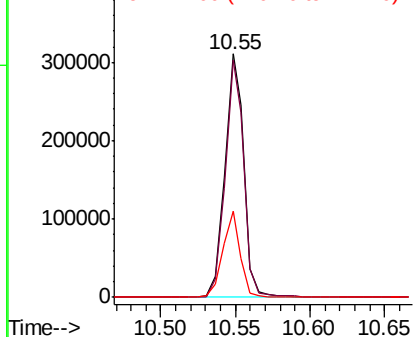


Abundance

Ion 329.80 (329.50 to 330.50): E

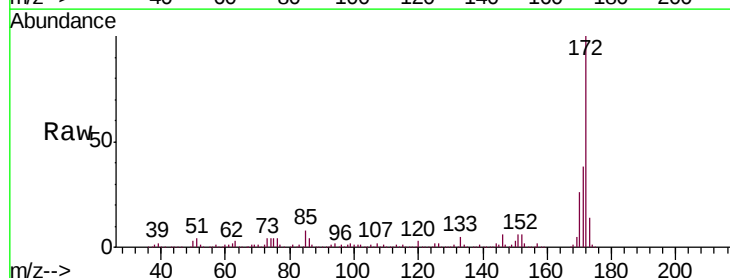
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.897 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108872.D
 Acq: 7 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.7	44.5
170	26.1	19.6	29.4

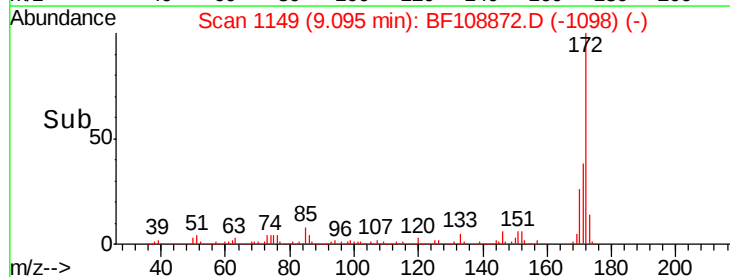
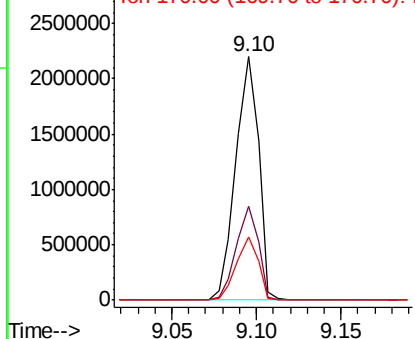


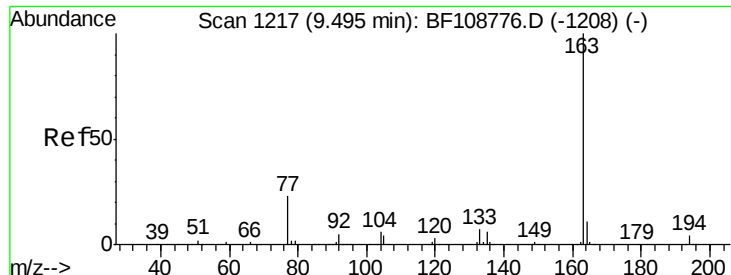
Abundance

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

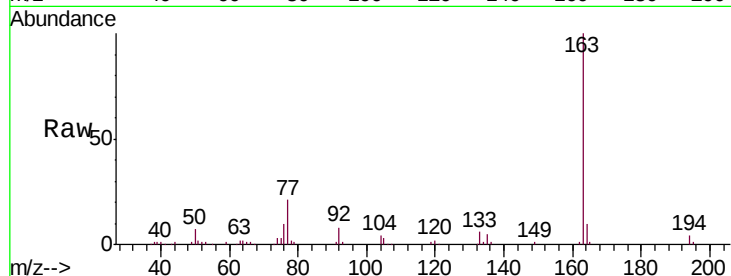




#49
Dimethylphthalate
Concen: 5.511 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108872.D
Acq: 7 Sep 2018 20:27

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

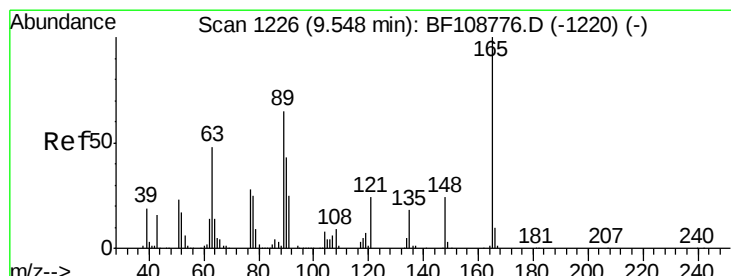
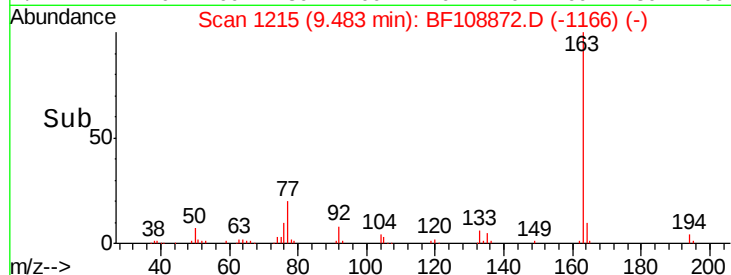
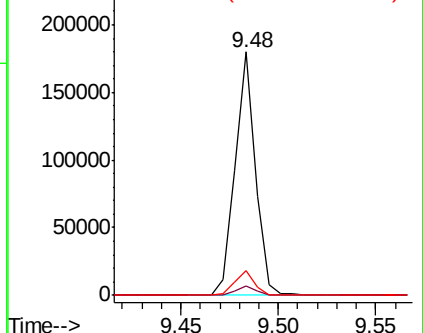


Abundance

Ion 163.00 (162.70 to 163.70): E

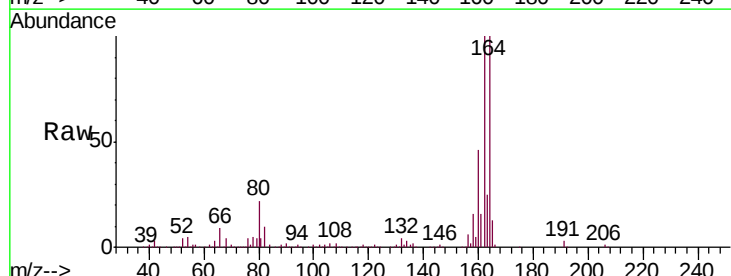
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 9.595 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108872.D
Acq: 7 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#

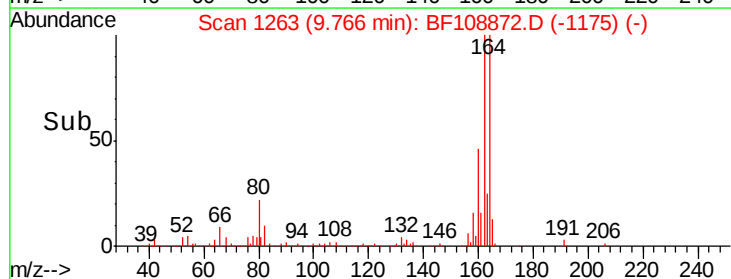
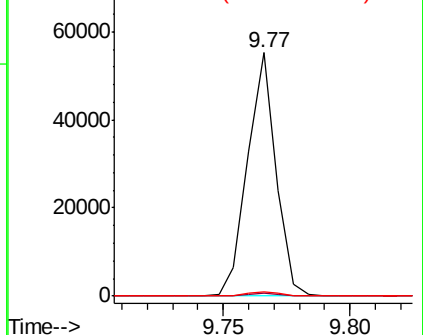


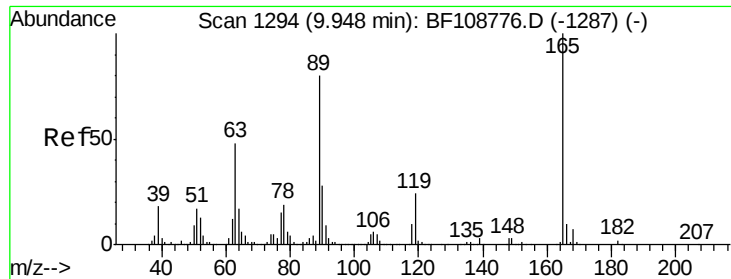
Abundance

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

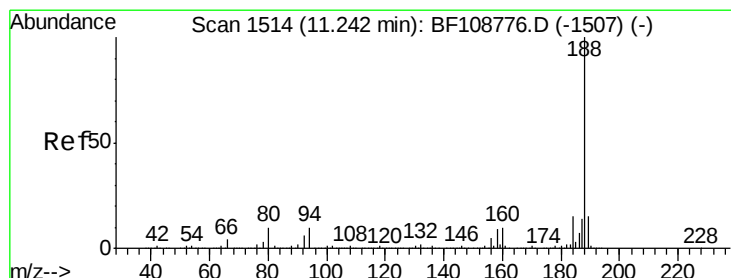
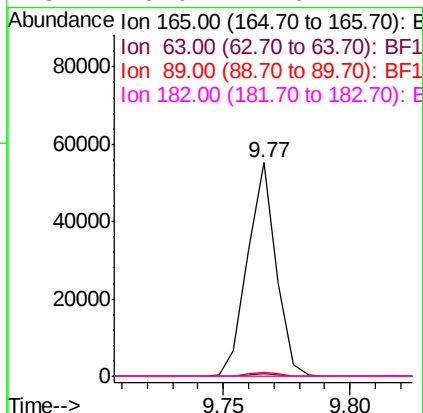
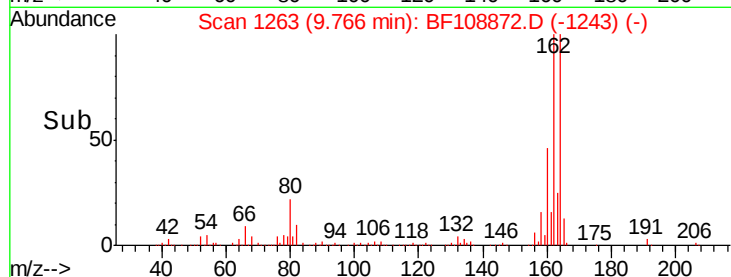
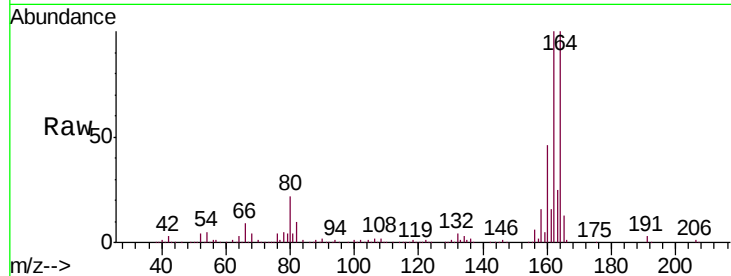




#56
 2,4-Dinitrotoluene
 Concen: 7.503 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108872.D
 Acq: 7 Sep 2018 20:27

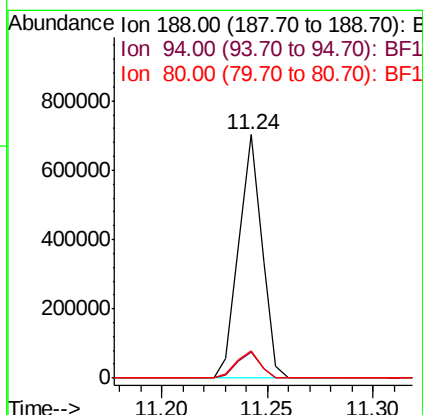
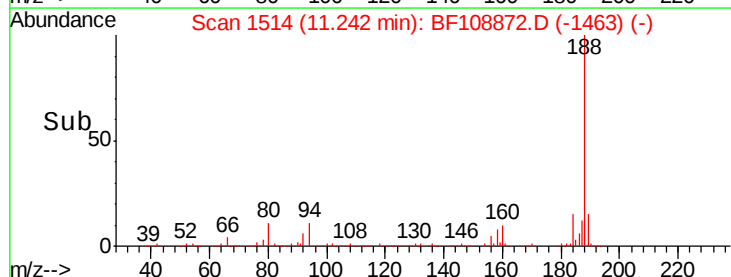
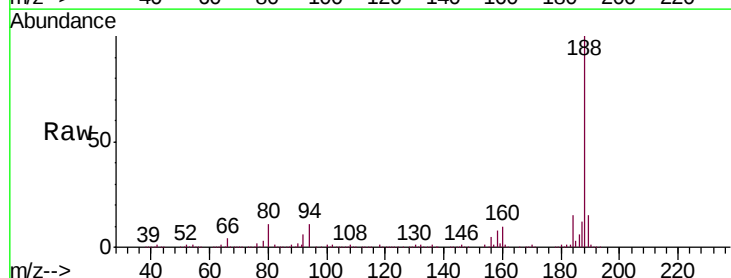
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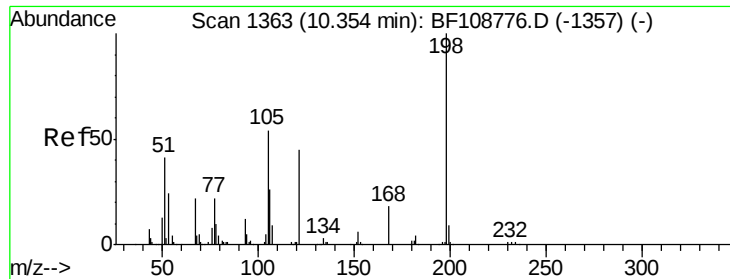
Tgt Ion:	165	Resp:	43206
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108872.D
 Acq: 7 Sep 2018 20:27

Tgt Ion:	188	Resp:	535963
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.153 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108872.D

Acq: 7 Sep 2018 20:27

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-U-B

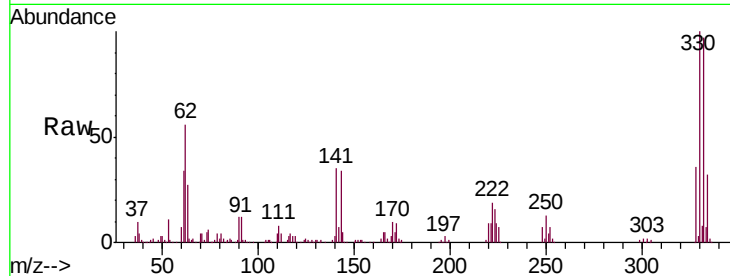
Tgt Ion:198 Resp: 699

Ion Ratio Lower Upper

198 100

51 181.2 37.7 77.7#

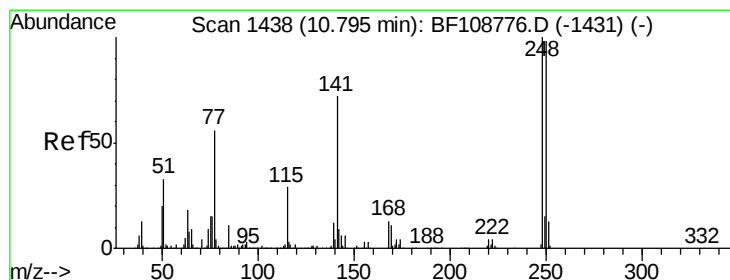
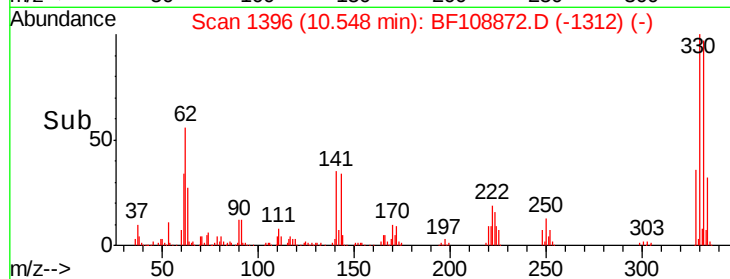
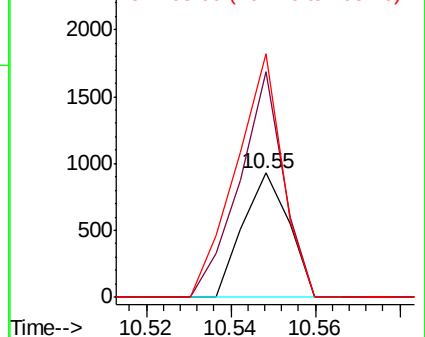
105 195.9 36.3 76.3#



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: 2.822 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.25 min

Lab File: BF108872.D

Acq: 7 Sep 2018 20:27

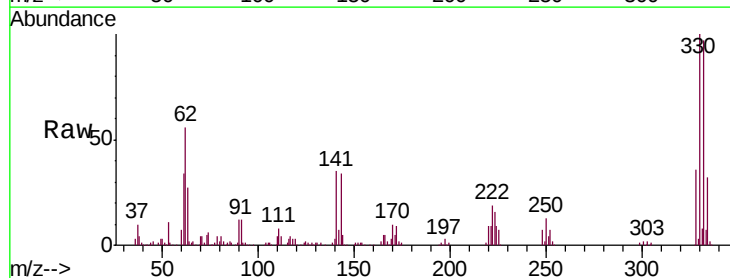
Tgt Ion:248 Resp: 17082

Ion Ratio Lower Upper

248 100

250 198.0 76.9 115.3#

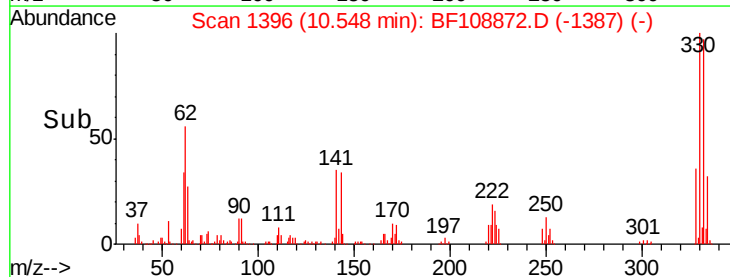
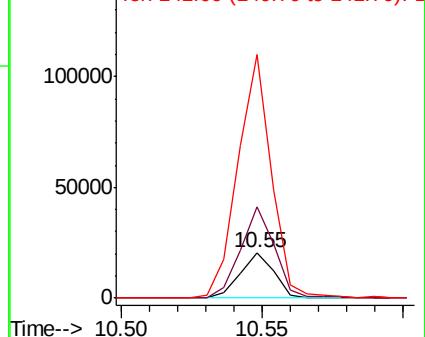
141 531.7 74.4 111.6#

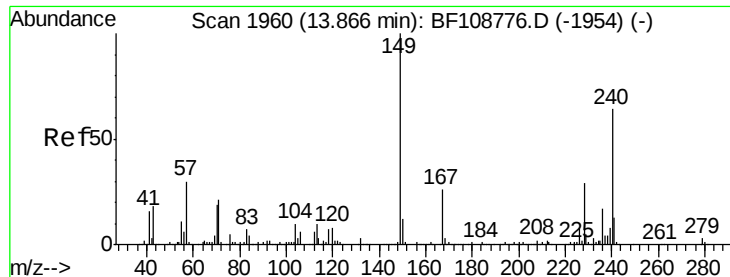


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108872.D

Acq: 7 Sep 2018 20:27

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-U-B

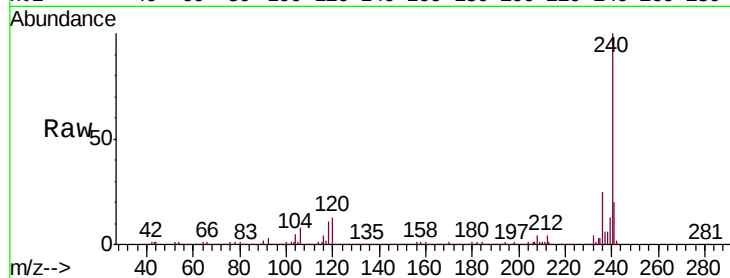
Tgt Ion:240 Resp: 475293

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

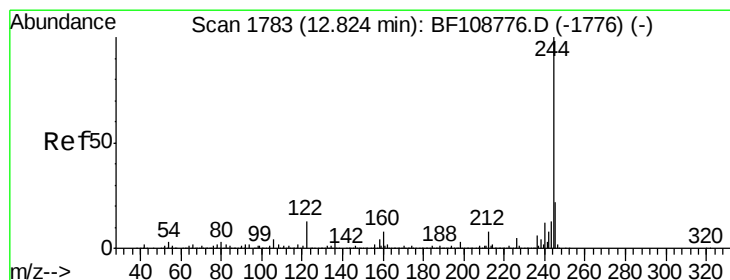
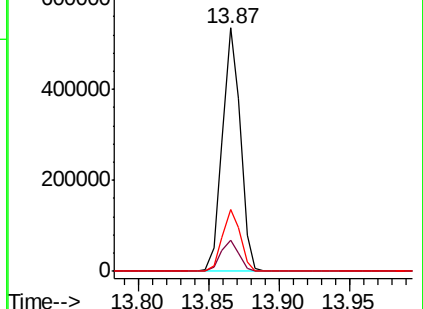
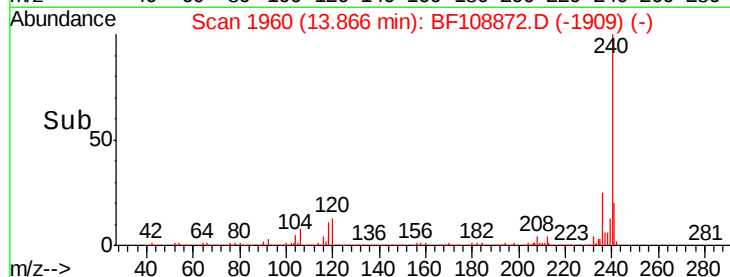
236 25.4 20.7 31.1



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: 78.271 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108872.D

Acq: 7 Sep 2018 20:27

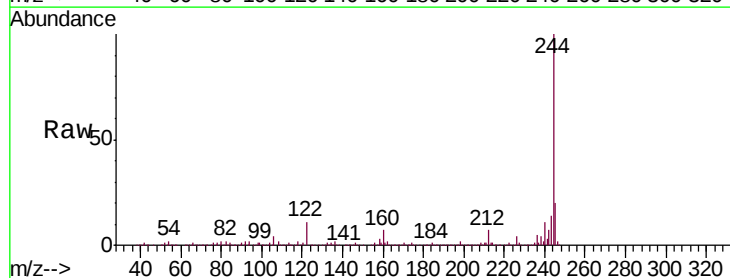
Tgt Ion:244 Resp: 1595327

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

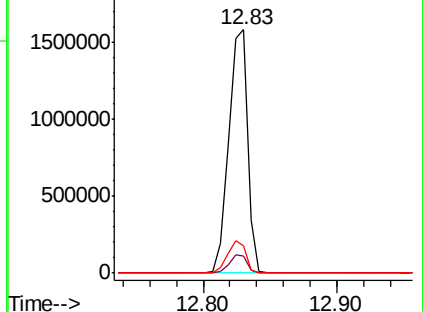
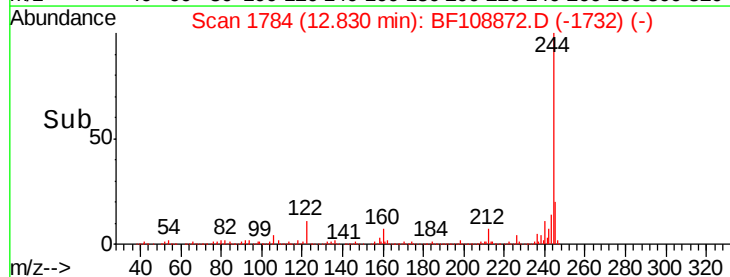
122 11.1 11.0 16.4

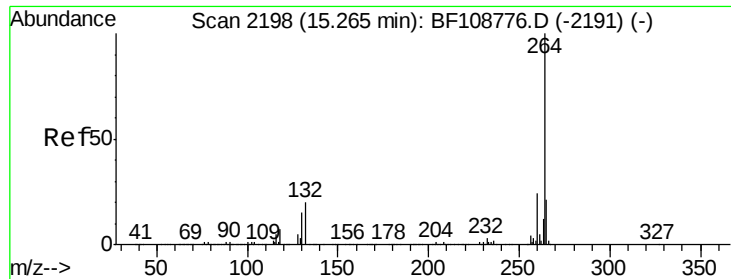


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108872.D
Acq: 7 Sep 2018 20:27

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

