

Data File : BF108878.D
Acq On : 7 Sep 2018 23:36
Operator : JU/SJ
Sample : J4811-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 08 00:24:40 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	201590	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	719993	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	316402	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	488648	20.00	ng	0.00
75) Chrysene-d12	13.87	240	435579	20.00	ng	0.00
86) Perylene-d12	15.27	264	476849	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	553472	45.48	ng	0.00
7) Phenol-d6	6.36	99	480314	30.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	1292117	112.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	274223	90.79	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2019834	108.91	ng	0.00
78) Terphenyl-d14	12.82	244	1502915	80.46	ng	0.00

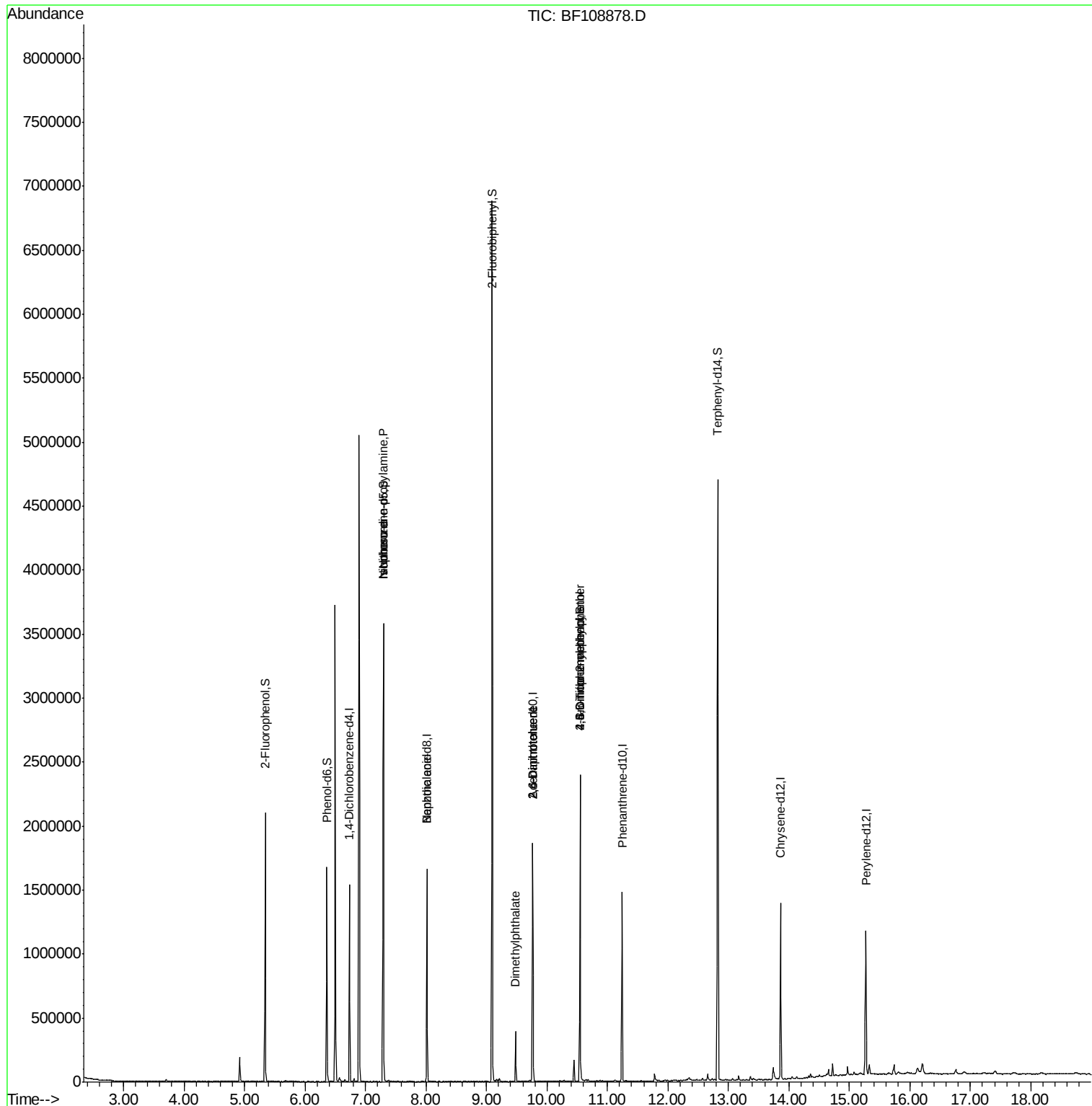
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	178121	16.367	ng	# 78
25) Isophorone	7.30	82	1285313	56.008	ng	# 64
32) Benzoic acid	8.01	122	117	4.036	ng	# 1
49) Dimethylphthalate	9.48	163	143493	6.484	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	40251	9.545	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	40251	7.464	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	508	7.095	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17038	3.087	ng	# 1

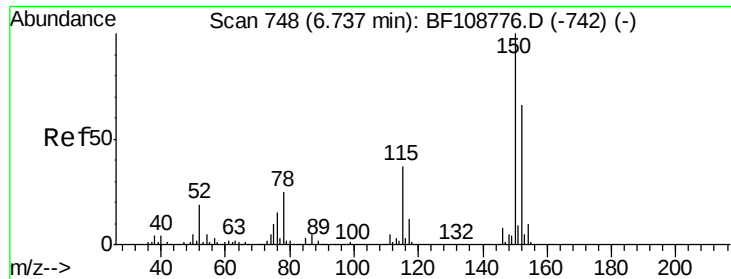
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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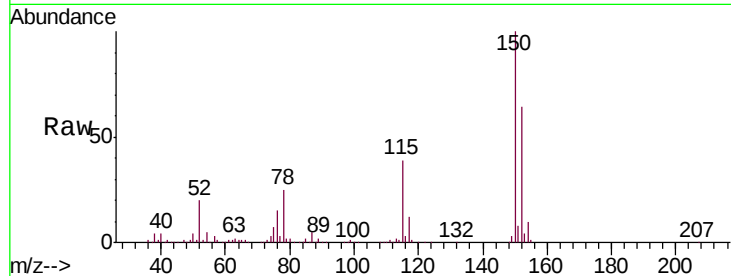


#1

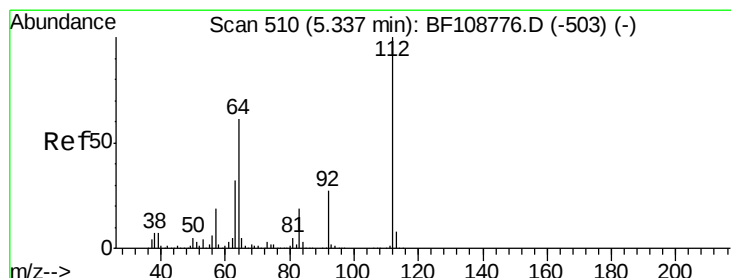
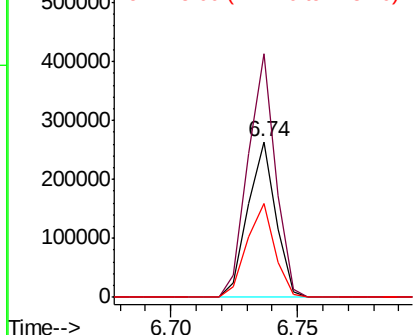
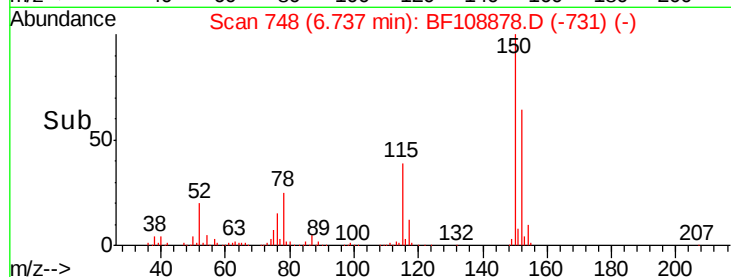
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

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

Tgt Ion:152 Resp: 201590
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.6 50.1 75.1



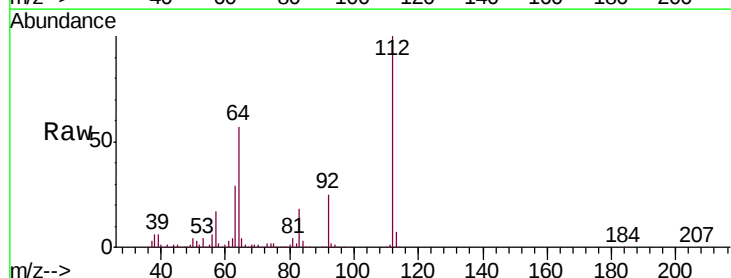
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



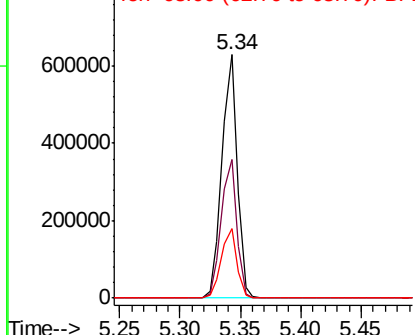
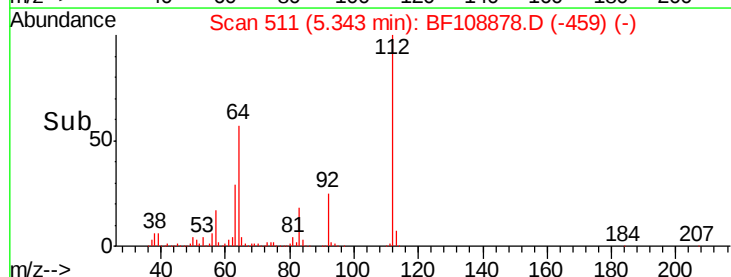
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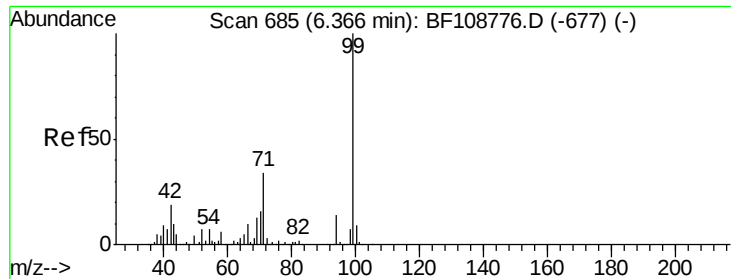
2-Fluorophenol
Concen: 45.484 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

Tgt Ion:112 Resp: 553472
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 28.7 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: 30.678 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108878.D

Acq: 7 Sep 2018 23:36

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-U-M

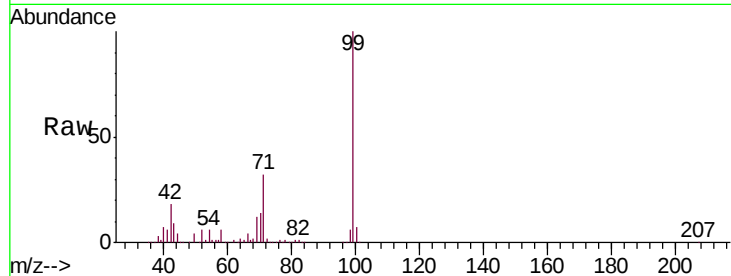
Tgt Ion: 99 Resp: 480314

Ion Ratio Lower Upper

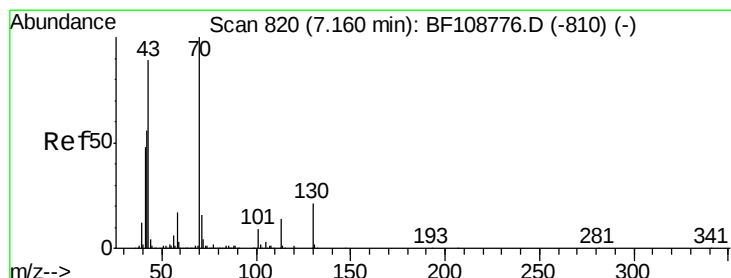
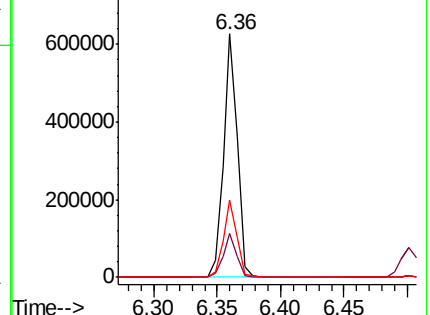
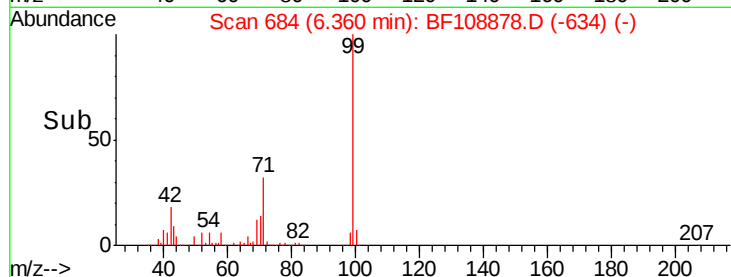
99 100

42 18.2 14.5 21.7

71 31.7 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: 16.367 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108878.D

Acq: 7 Sep 2018 23:36

Tgt Ion: 70 Resp: 178121

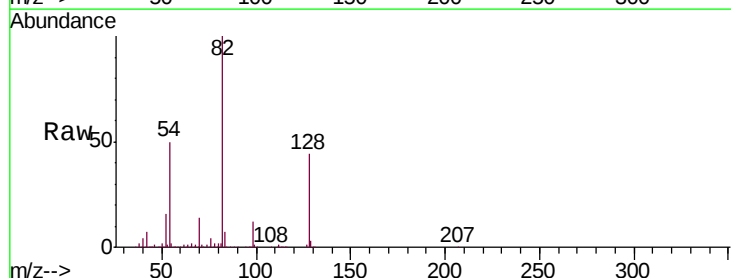
Ion Ratio Lower Upper

70 100

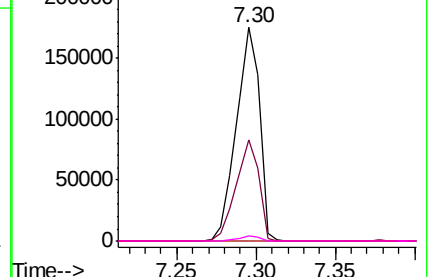
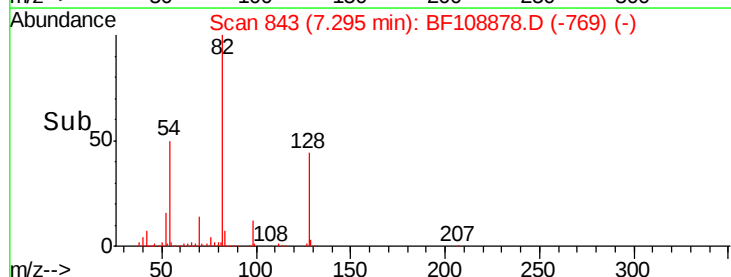
42 47.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 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

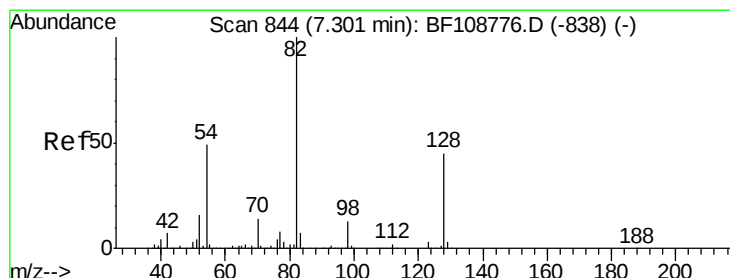
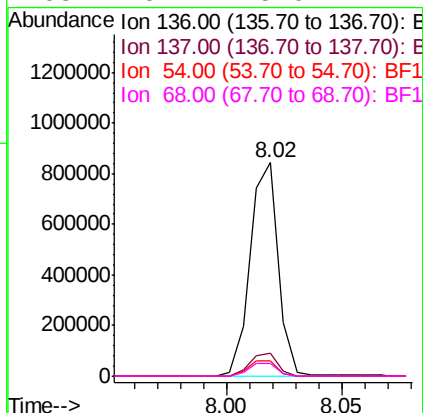
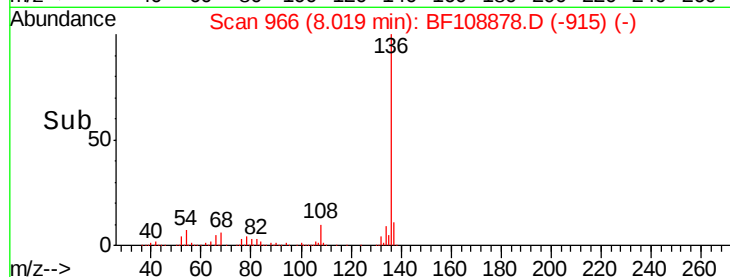
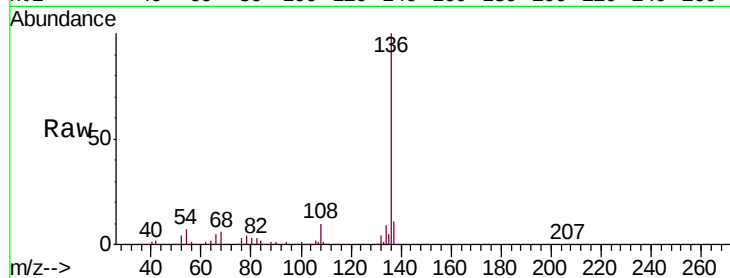




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

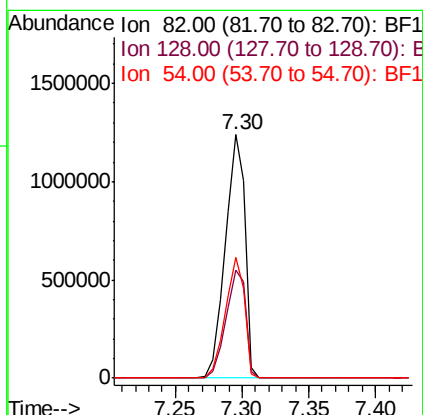
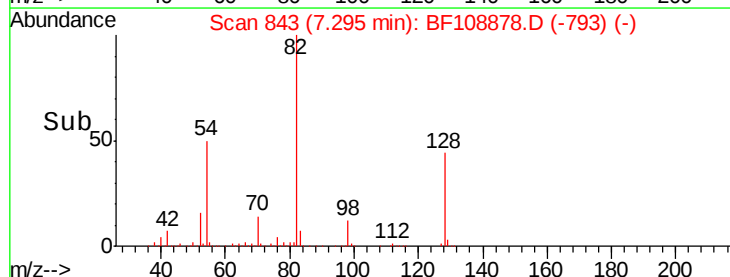
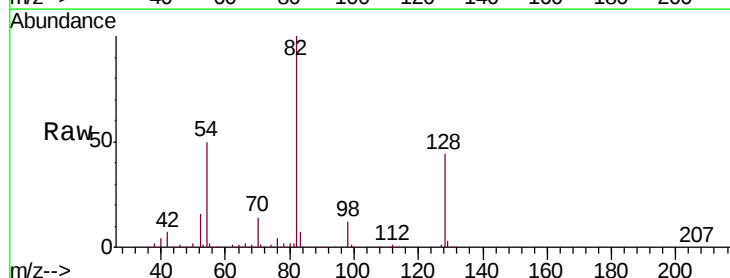
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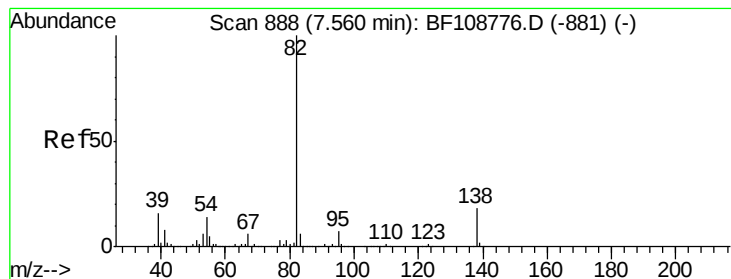
Tgt Ion:	136	Resp:	719993
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 112.309 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

Tgt Ion:	82	Resp:	1292117
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	49.6	41.4	62.2





#25

Isophorone

Concen: 56.008 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108878.D

Acq: 7 Sep 2018 23:36

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-U-M

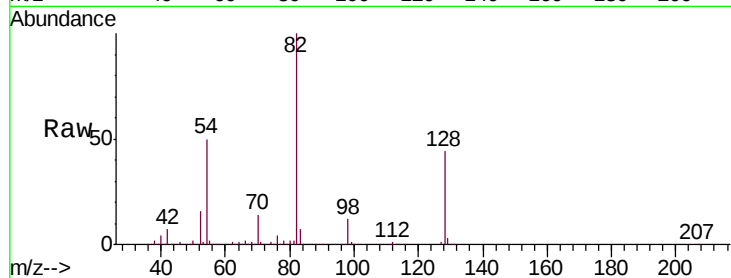
Tgt Ion: 82 Resp: 1285313

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

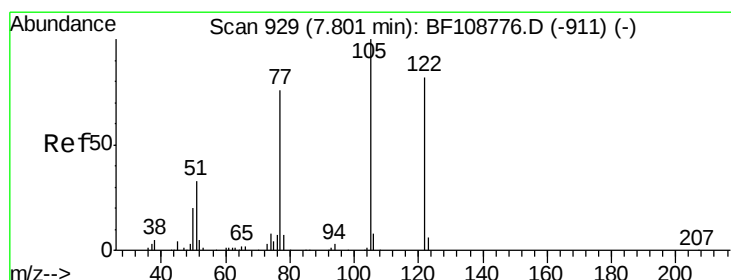
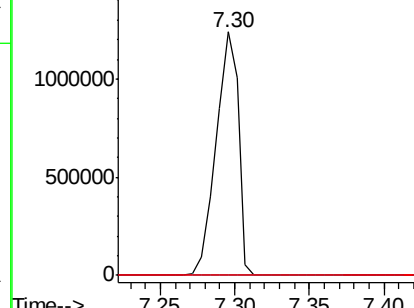
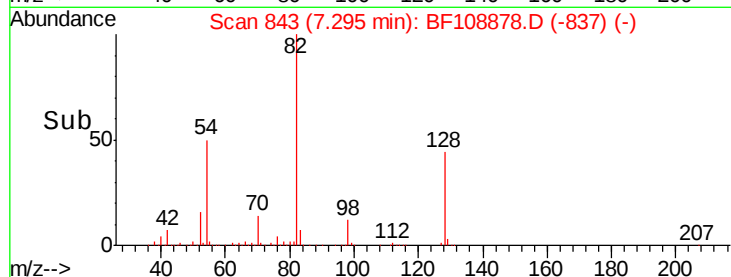
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 4.036 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.21 min

Lab File: BF108878.D

Acq: 7 Sep 2018 23:36

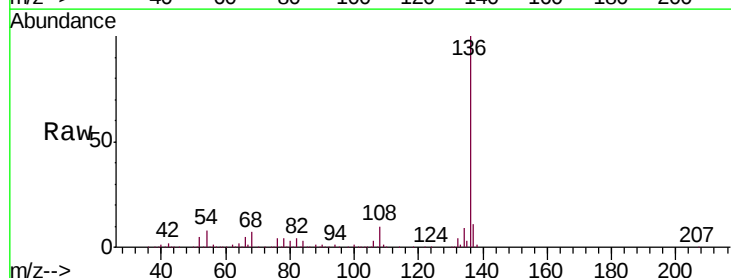
Tgt Ion: 122 Resp: 117

Ion Ratio Lower Upper

122 100

105 205.7 101.1 141.1#

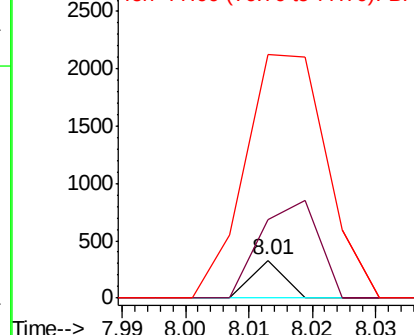
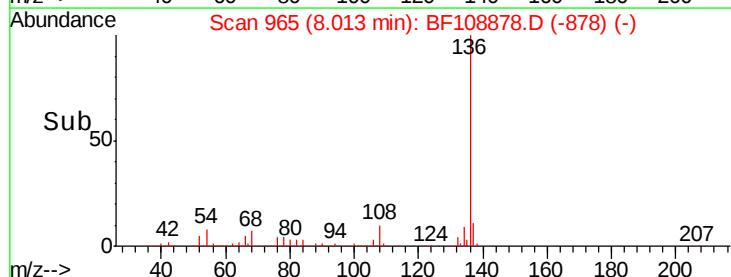
77 641.7 70.7 110.7#

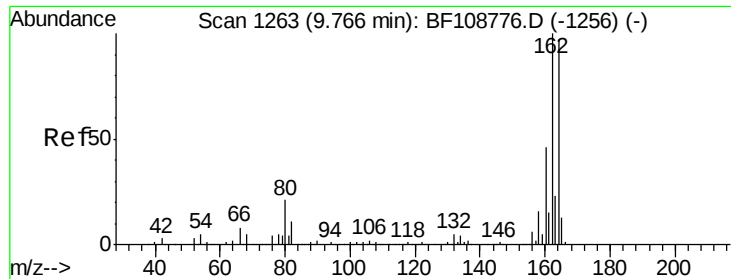


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

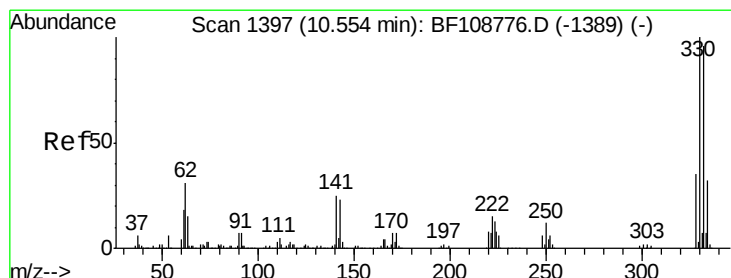
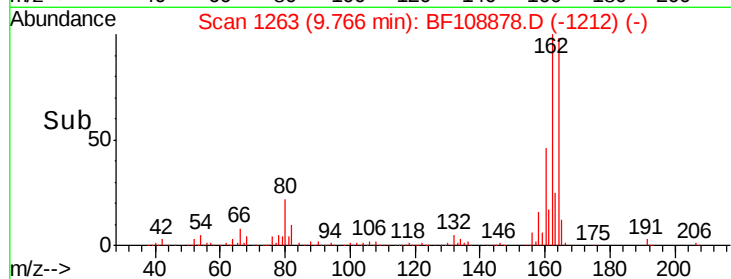
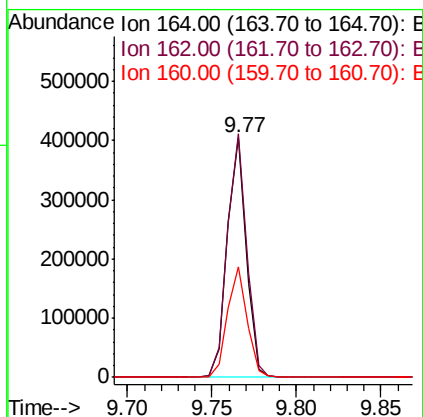
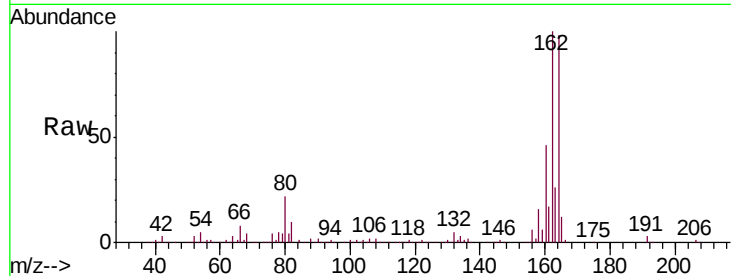




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108878.D
 Acq: 7 Sep 2018 23:36

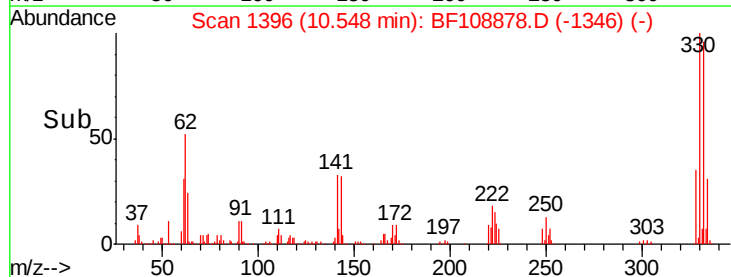
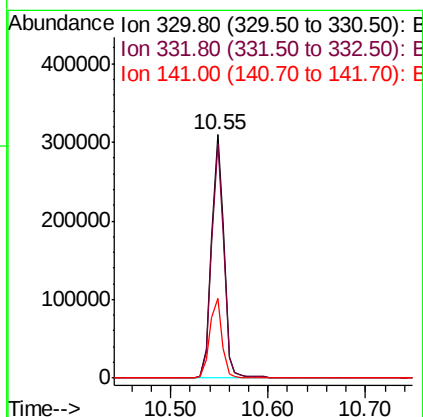
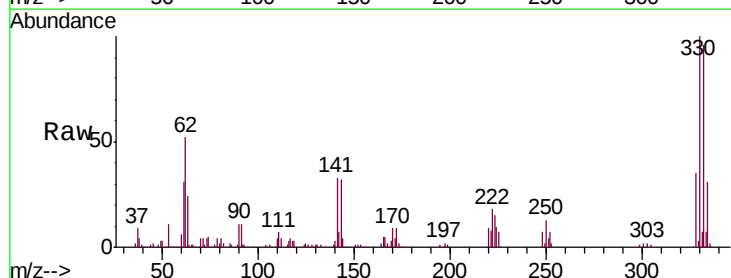
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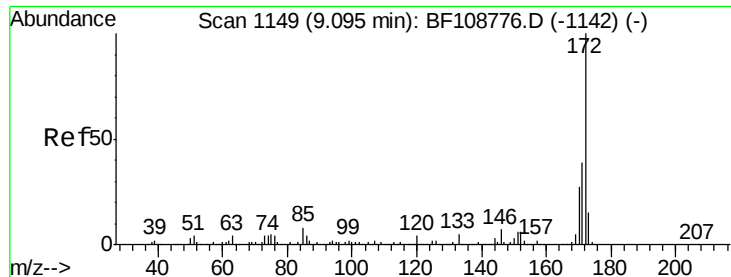
Tgt Ion:164 Resp: 316402
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.786 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108878.D
 Acq: 7 Sep 2018 23:36

Tgt Ion:330 Resp: 274223
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.5 29.9 44.9

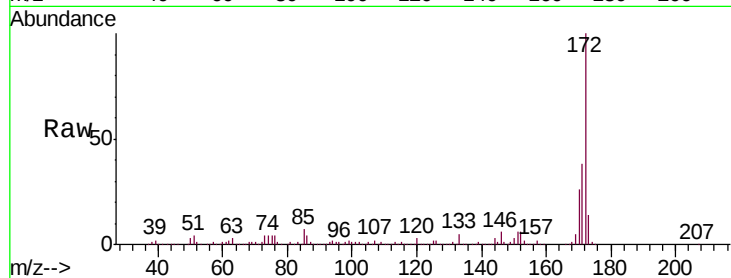




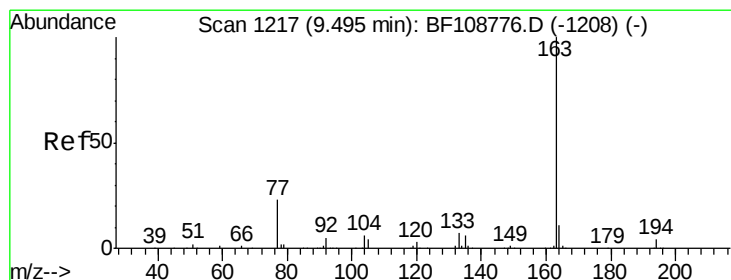
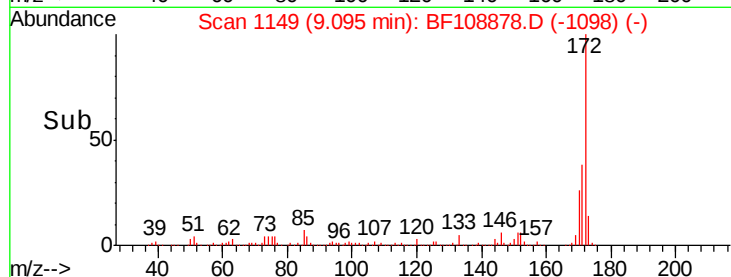
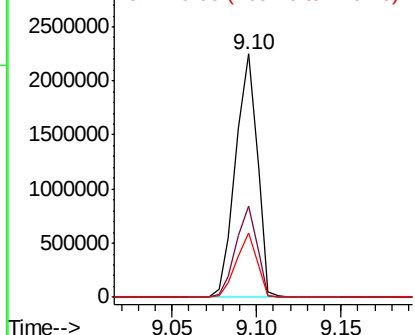
#44
2-Fluorobiphenyl
Concen: 108.906 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

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

Tgt Ion:172 Resp: 2019834
Ion Ratio Lower Upper
172 100
171 37.7 29.7 44.5
170 26.2 19.6 29.4

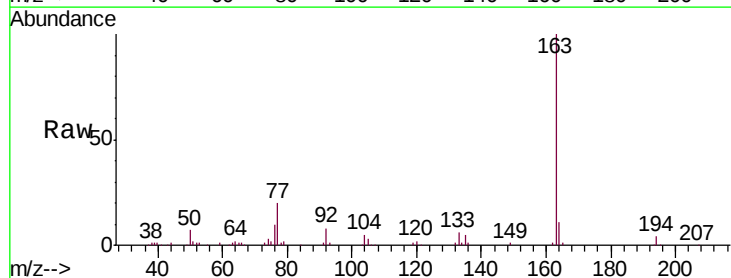


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

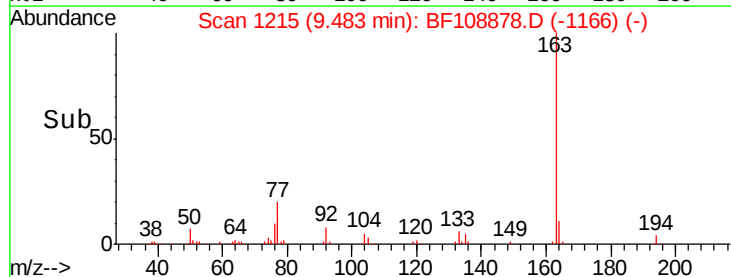
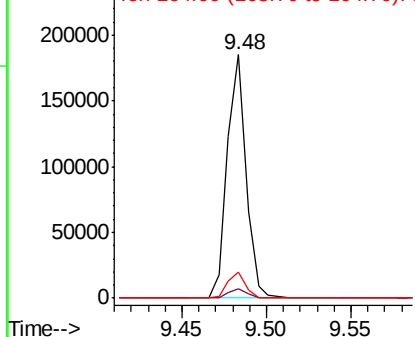


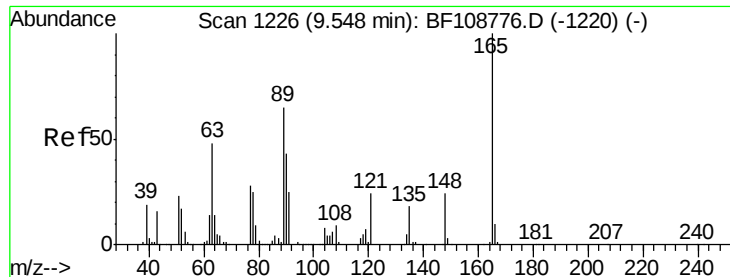
#49
Dimethylphthalate
Concen: 6.484 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

Tgt Ion:163 Resp: 143493
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 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

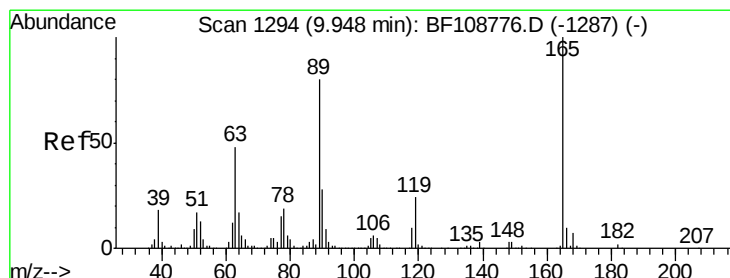
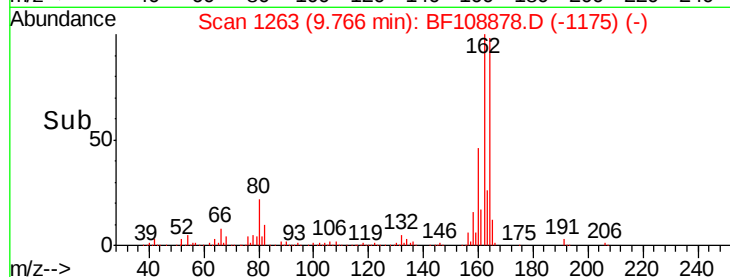
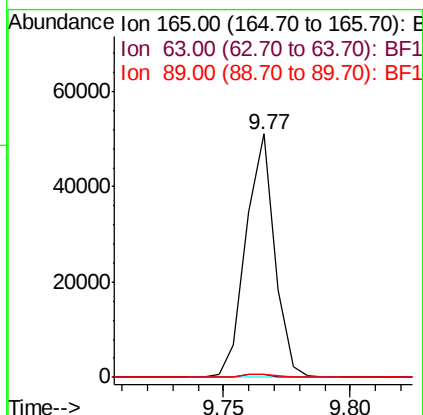
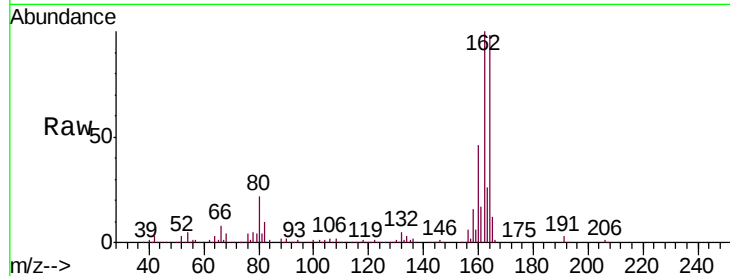




#50
 2,6-Dinitrotoluene
 Concen: 9.545 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108878.D
 Acq: 7 Sep 2018 23:36

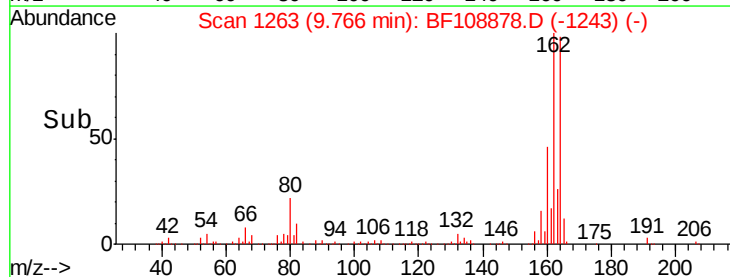
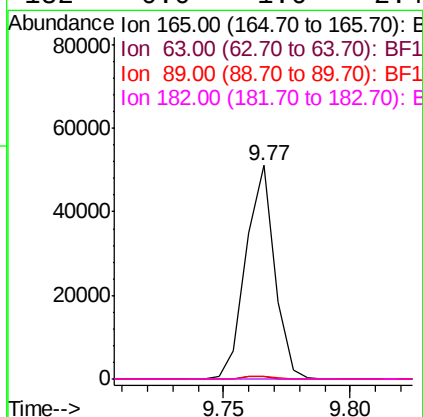
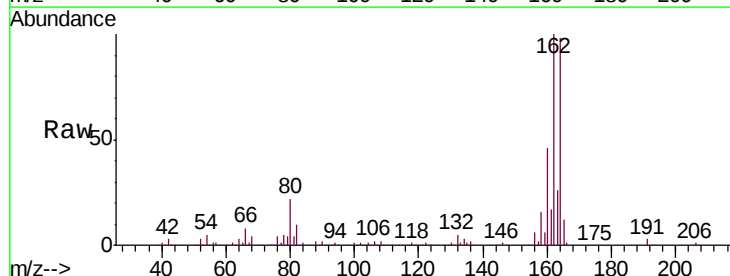
Instrument :
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 090518-DBRI-E-U-M

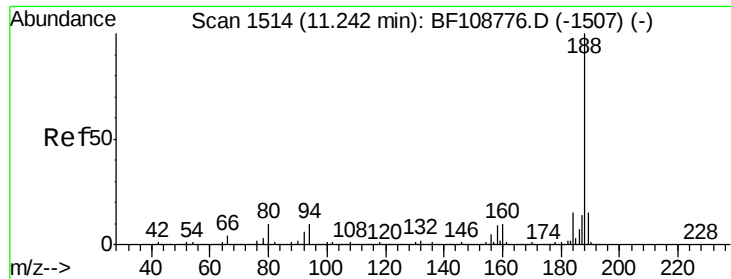
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.464 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108878.D
 Acq: 7 Sep 2018 23:36

Tgt 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#

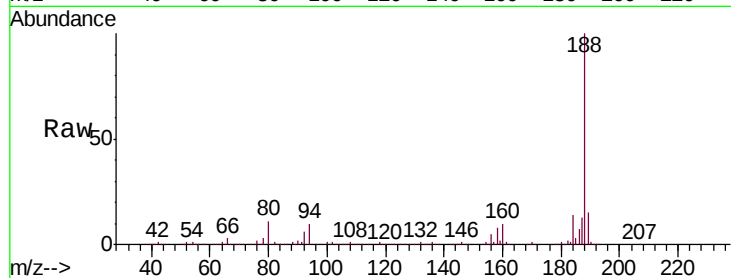




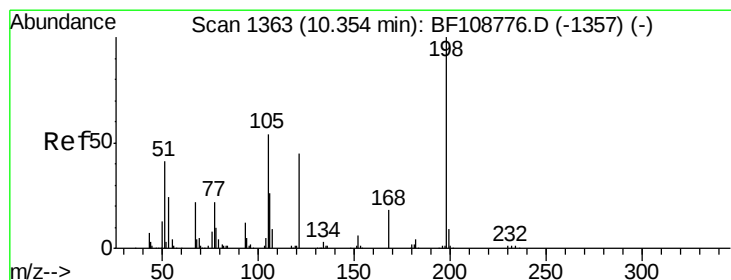
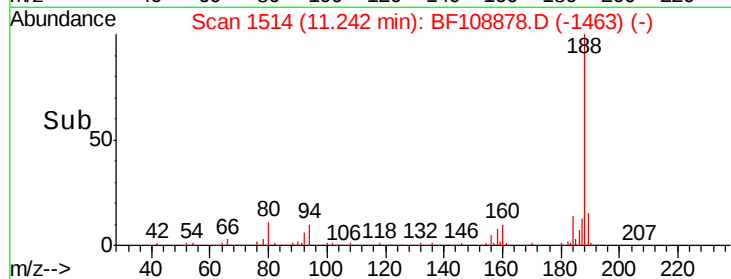
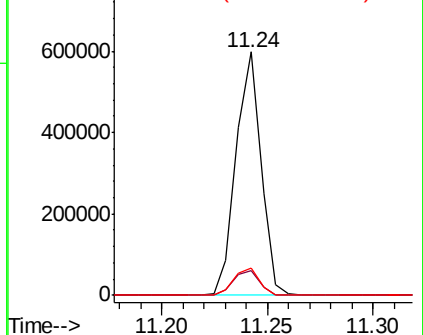
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

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

Tgt Ion:188 Resp: 488648
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.2 9.2 13.8

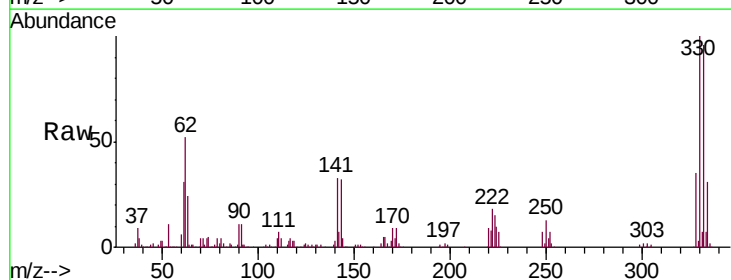


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

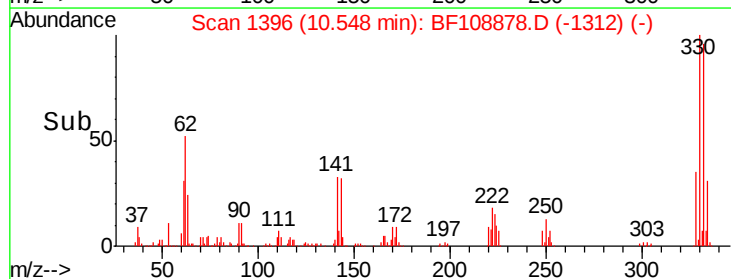
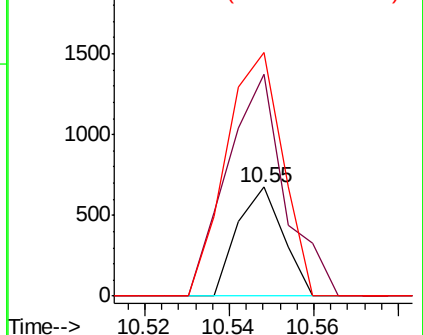


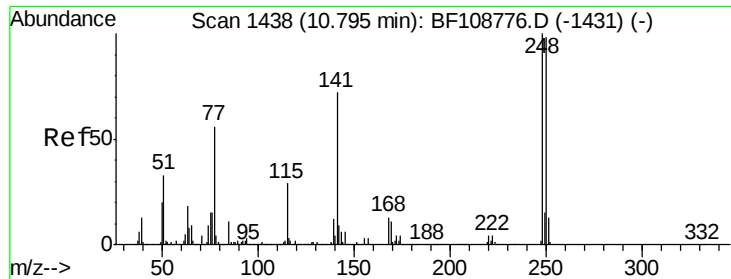
#64
4,6-Dinitro-2-methylphenol
Concen: 7.095 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

Tgt Ion:198 Resp: 508
Ion Ratio Lower Upper
198 100
51 203.1 37.7 77.7#
105 223.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
2000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

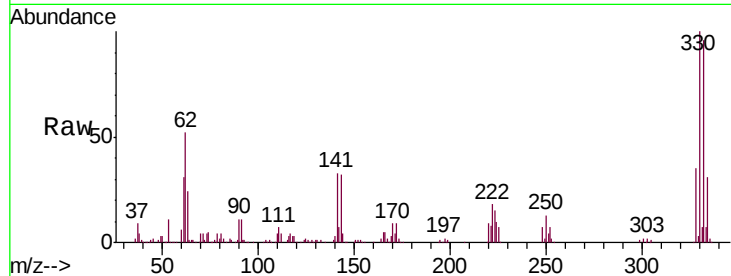




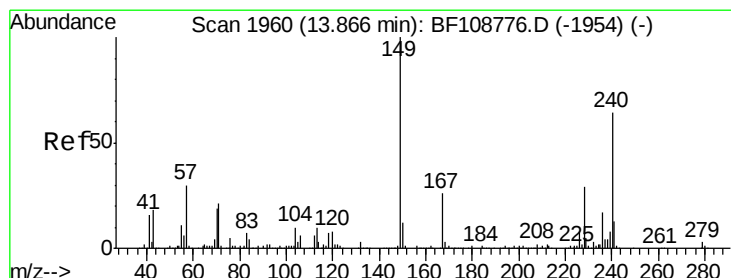
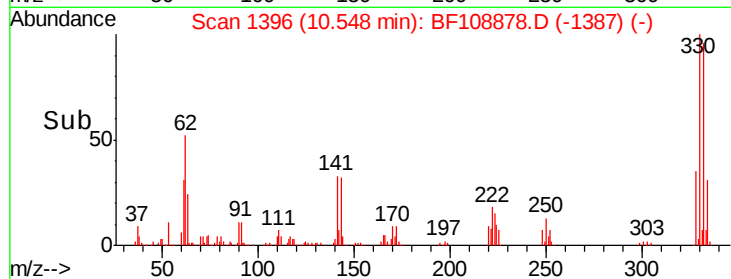
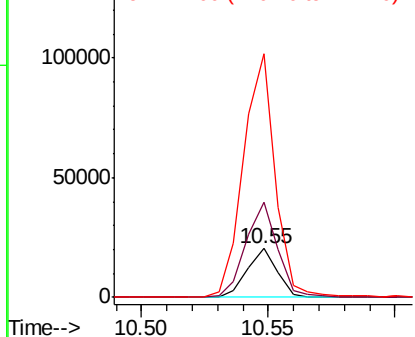
#66
4-Bromophenyl-phenylether
Concen: 3.087 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

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

Tgt Ion:248 Resp: 17038
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 499.6 74.4 111.6#

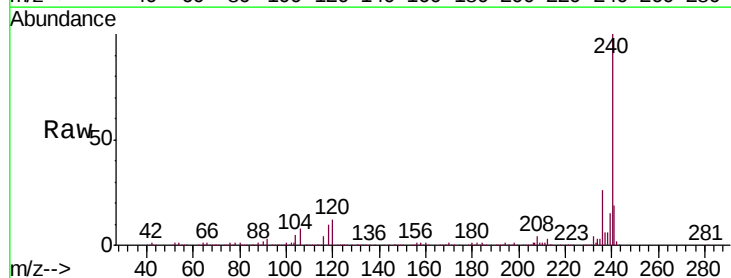


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

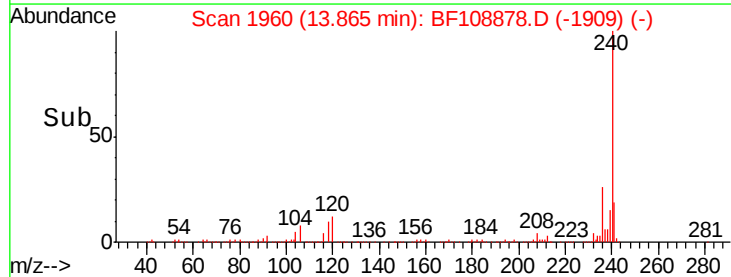
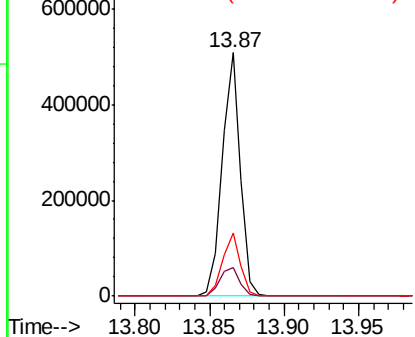


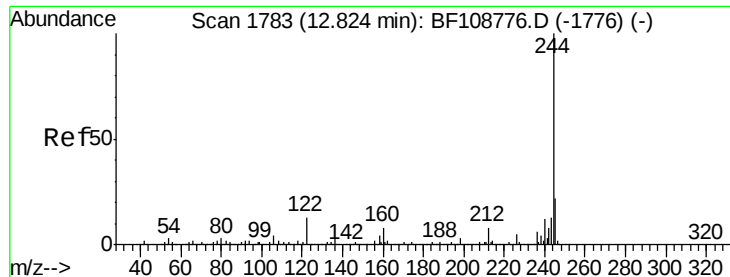
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108878.D
Acq: 7 Sep 2018 23:36

Tgt Ion:240 Resp: 435579
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.8 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: 80.460 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108878.D

Acq: 7 Sep 2018 23:36

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-U-M

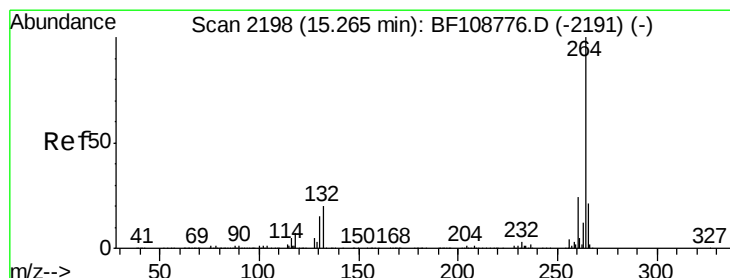
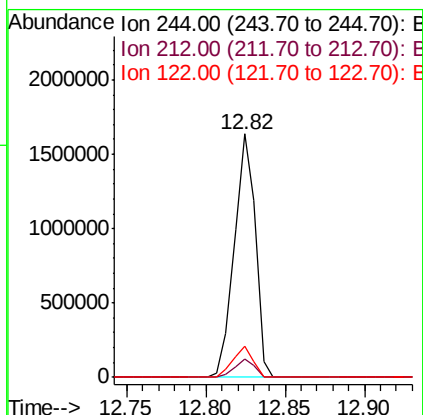
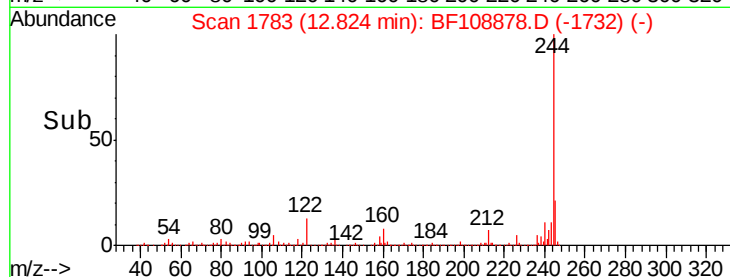
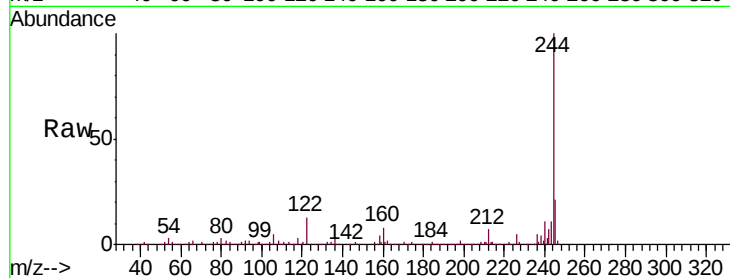
Tgt Ion:244 Resp: 1502915

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 12.9 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108878.D

Acq: 7 Sep 2018 23:36

Tgt Ion:264 Resp: 476849

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 17.5 26.3

