

Data File : BF108870.D
Acq On : 7 Sep 2018 19:33
Operator : JU/SJ
Sample : J4811-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 07 23:23:37 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	209582	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	755596	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	333391	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	510677	20.00	ng	0.00
75) Chrysene-d12	13.87	240	453505	20.00	ng	0.00
86) Perylene-d12	15.28	264	491319	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	569830	45.04	ng	0.00
7) Phenol-d6	6.36	99	484840	29.79	ng	0.00
23) Nitrobenzene-d5	7.30	82	1338948	110.90	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	278306	87.44	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2132739	109.13	ng	0.00
78) Terphenyl-d14	12.82	244	1526602	78.50	ng	0.00

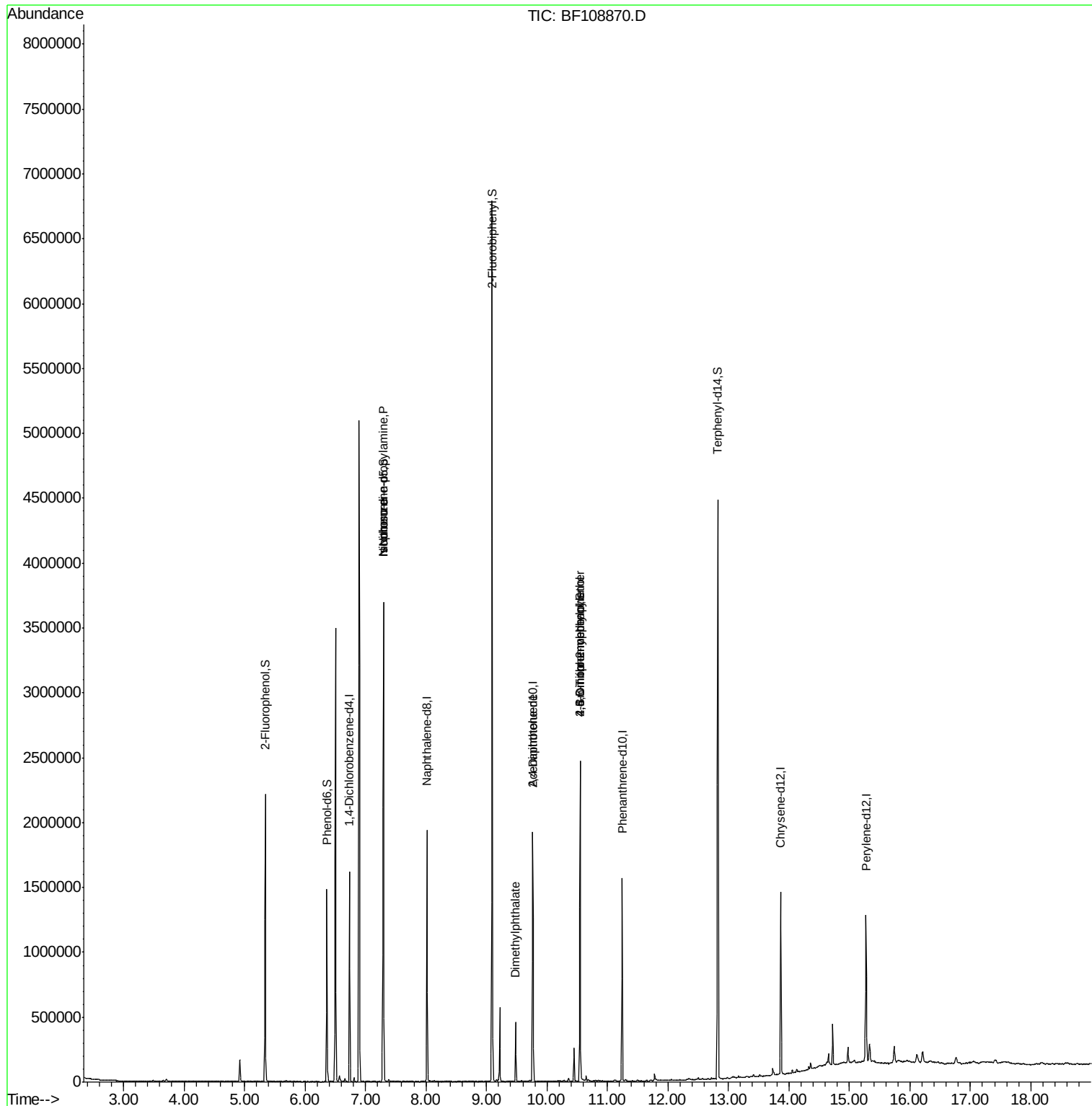
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	182603	16.139	ng	# 76
25) Isophorone	7.30	82	1334205	55.399	ng	# 64
49) Dimethylphthalate	9.48	163	153833	6.597	ng	99
56) 2,4-Dinitrotoluene	9.77	165	42827	7.537	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	556	7.106	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16572	2.873	ng	# 1

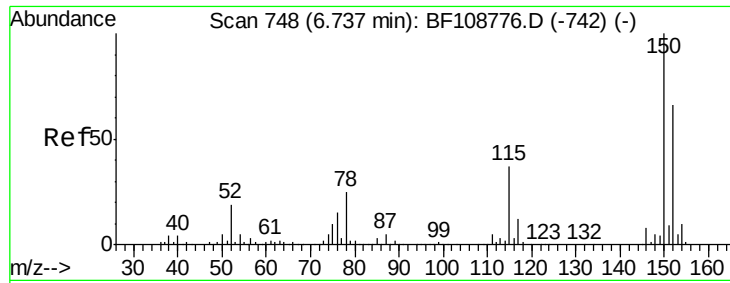
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

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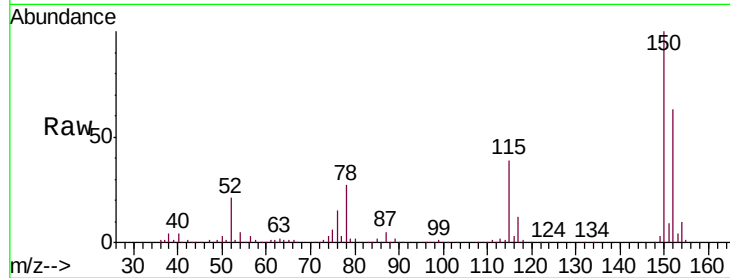
Tgt Ion:152 Resp: 209582

Ion Ratio Lower Upper

152 100

150 159.2 124.6 186.8

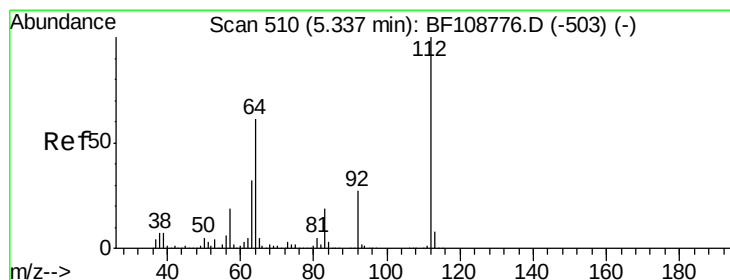
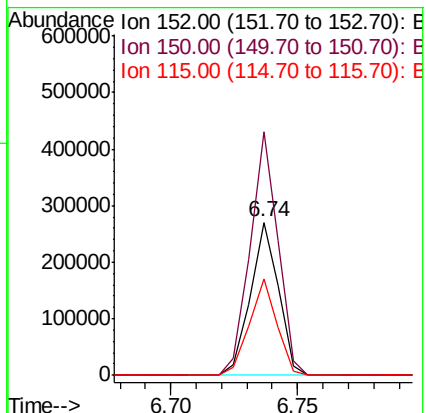
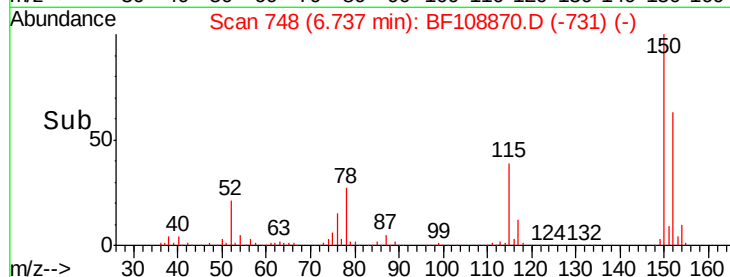
115 62.8 50.1 75.1



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: 45.043 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108870.D

Acq: 7 Sep 2018 19:33

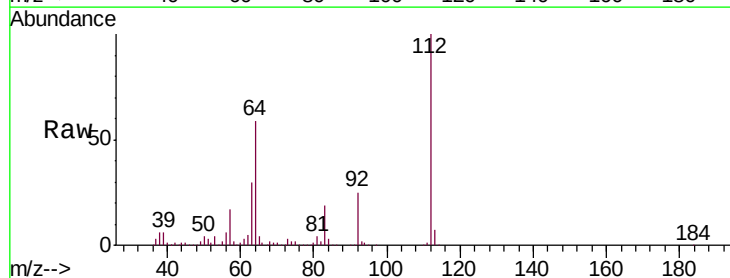
Tgt Ion:112 Resp: 569830

Ion Ratio Lower Upper

112 100

64 59.0 47.9 71.9

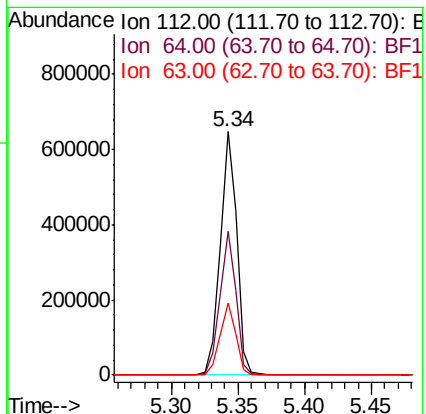
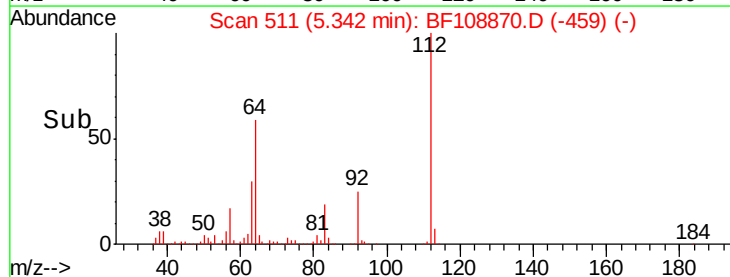
63 29.6 23.7 35.5

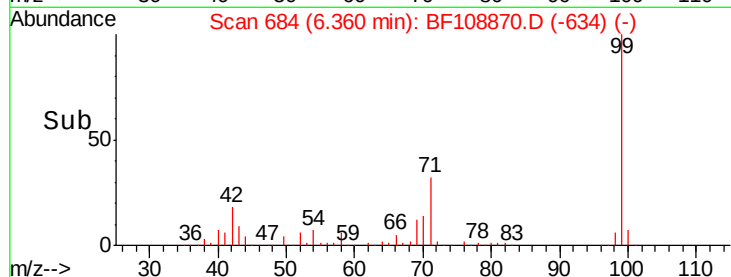
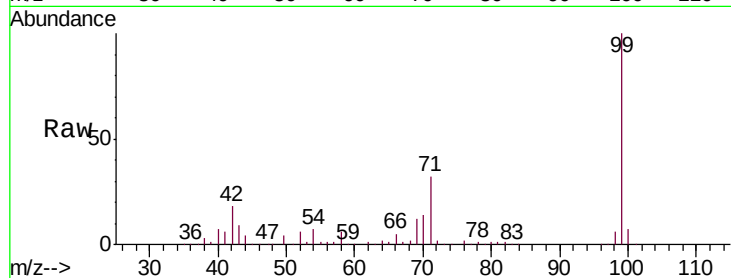
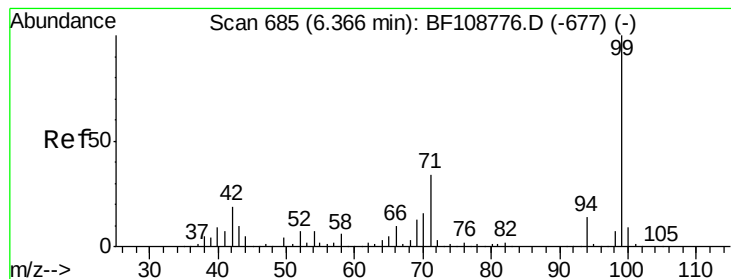


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.786 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

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Acq: 7 Sep 2018 19:33

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-M

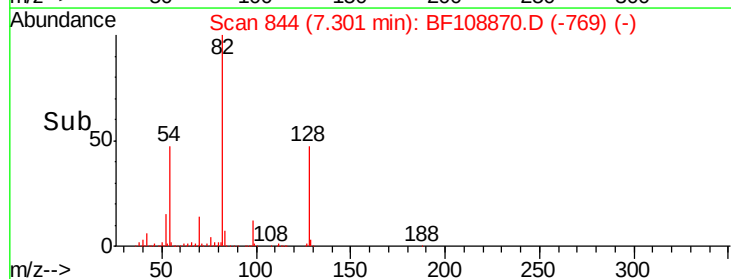
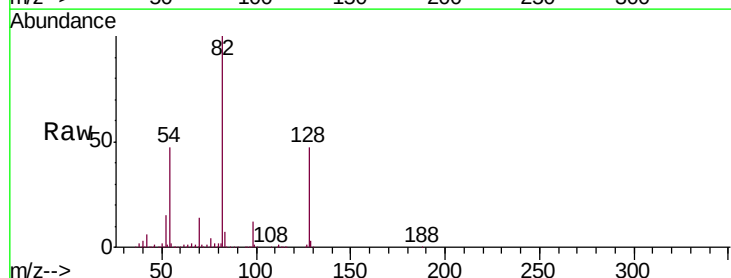
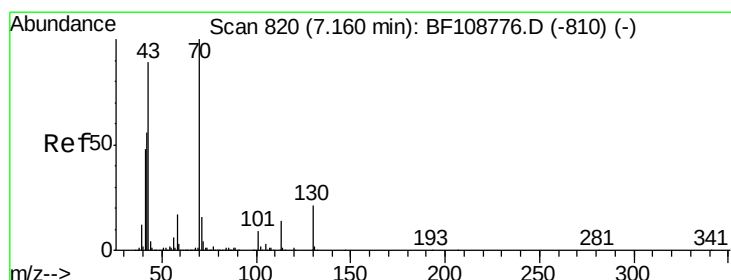
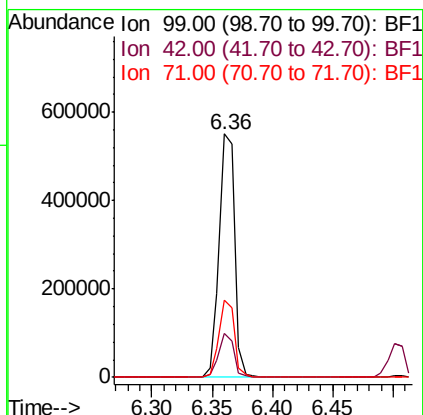
Tgt Ion: 99 Resp: 484840

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.139 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108870.D

Acq: 7 Sep 2018 19:33

Tgt Ion: 70 Resp: 182603

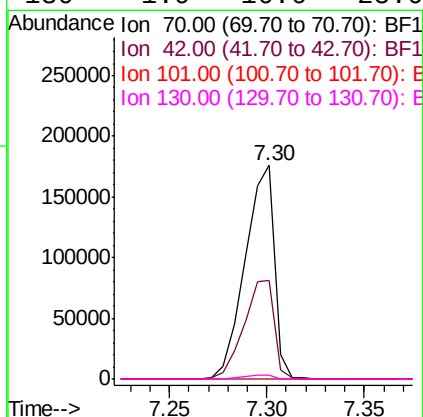
Ion Ratio Lower Upper

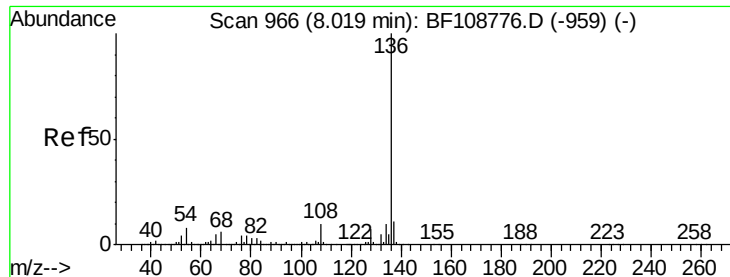
70 100

42 45.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

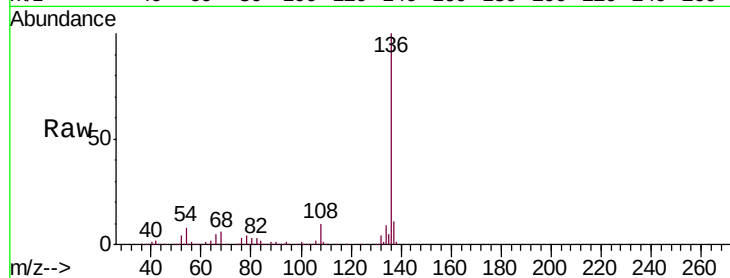




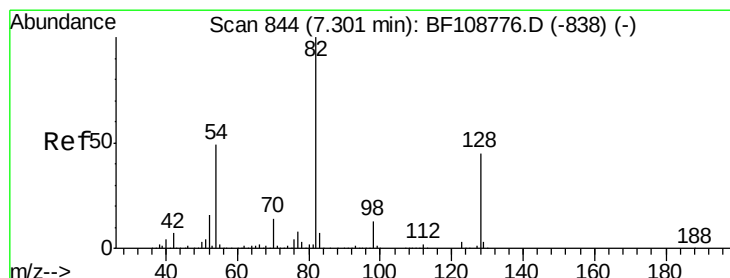
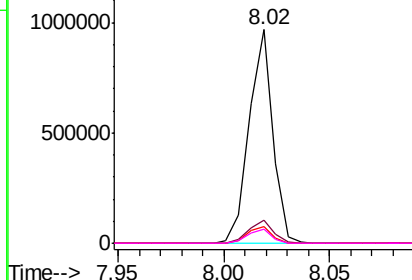
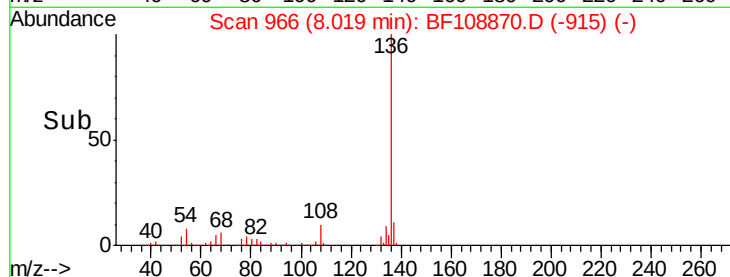
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

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

Tgt Ion:	136	Resp:	755596
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4

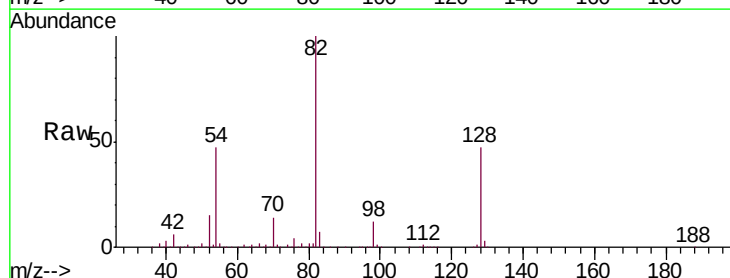


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

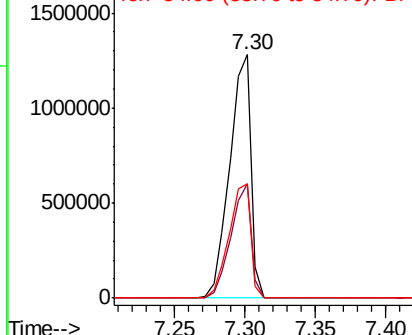
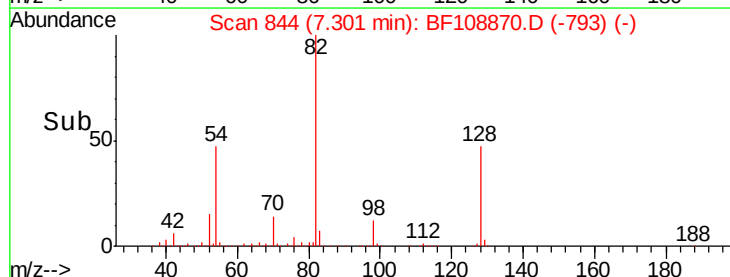


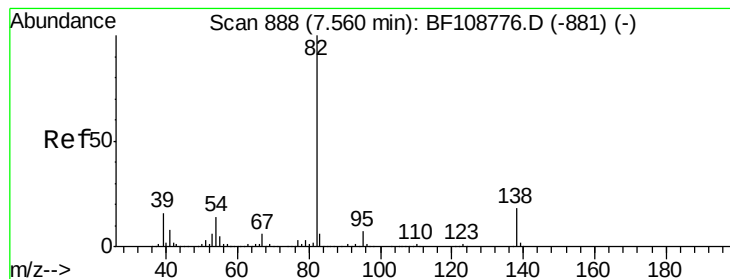
#23
Nitrobenzene-d5
Concen: 110.896 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

Tgt Ion:	82	Resp:	1338948
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	47.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.399 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108870.D

Acq: 7 Sep 2018 19:33

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-M

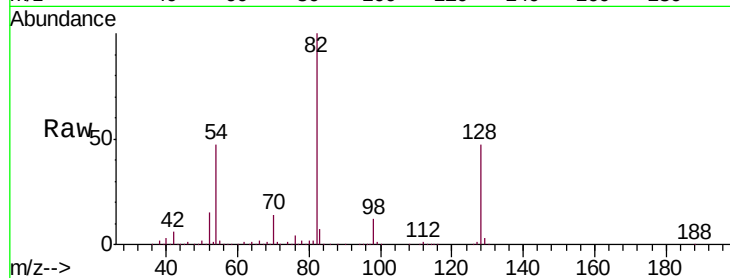
Tgt Ion: 82 Resp: 1334205

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

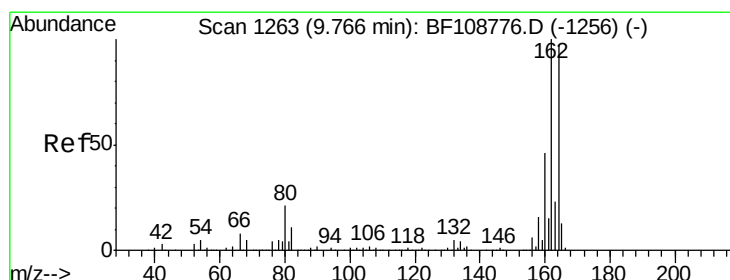
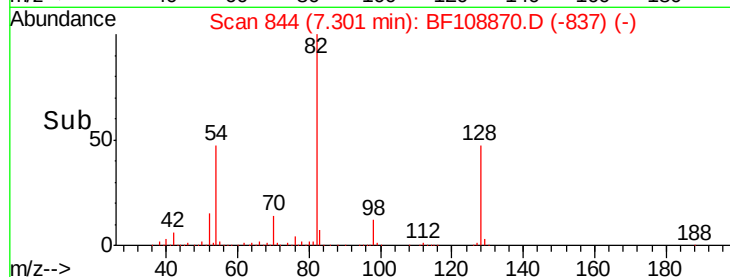
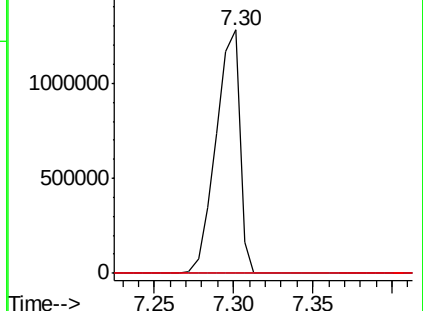
138 0.0 14.9 22.3#



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: BF108870.D

Acq: 7 Sep 2018 19:33

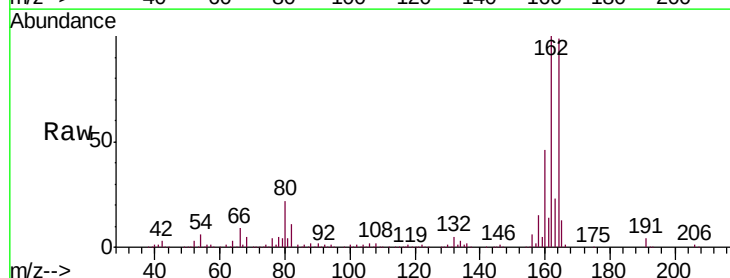
Tgt Ion: 164 Resp: 333391

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

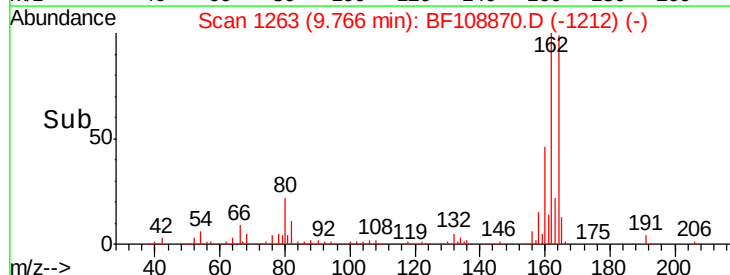
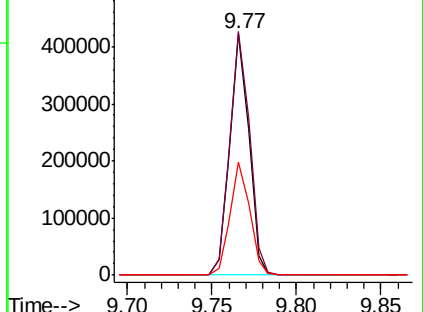
160 46.7 38.3 57.5

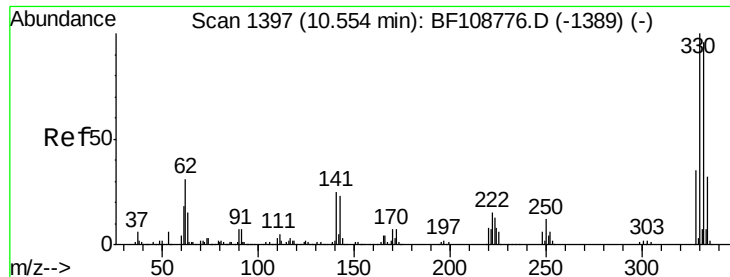


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

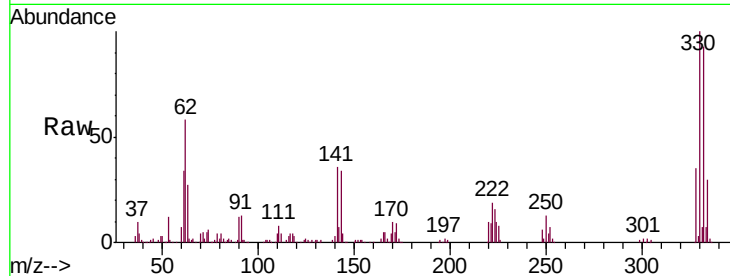




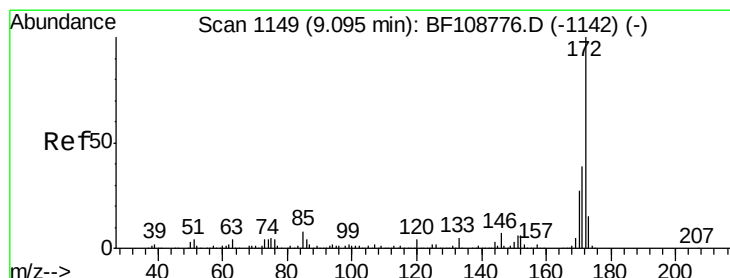
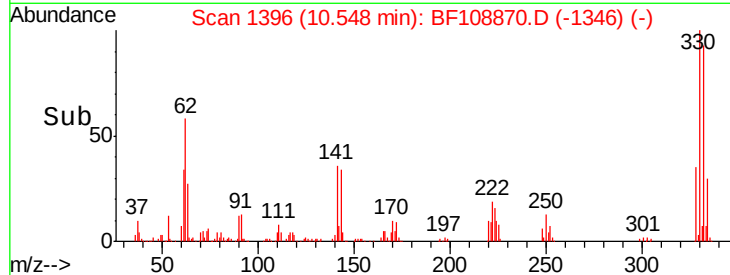
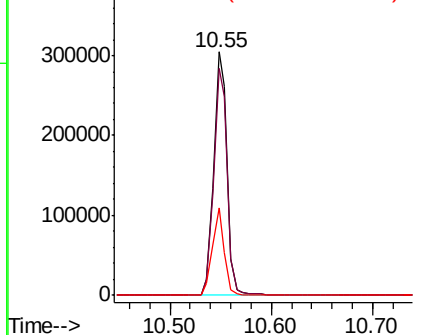
#41
 2,4,6-Tribromophenol
 Concen: 87.443 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108870.D
 Acq: 7 Sep 2018 19:33

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	32.1	29.9	44.9

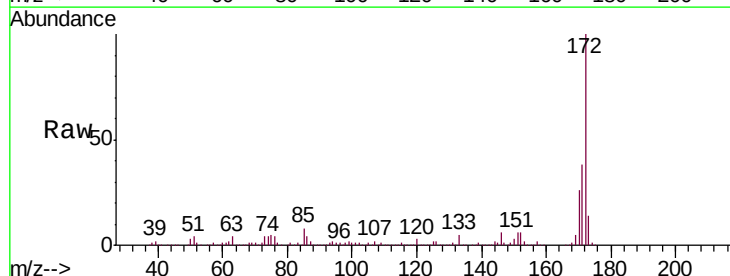


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

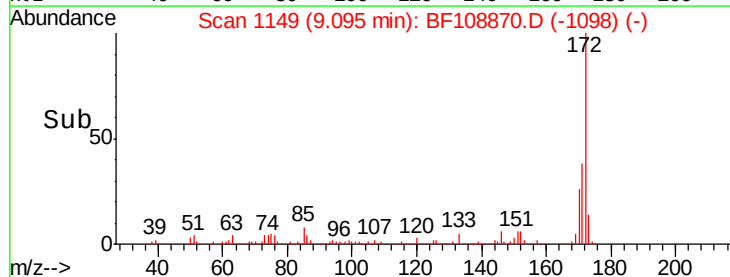
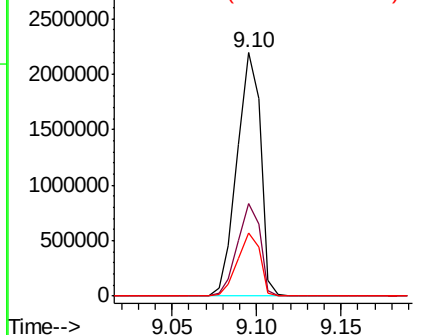


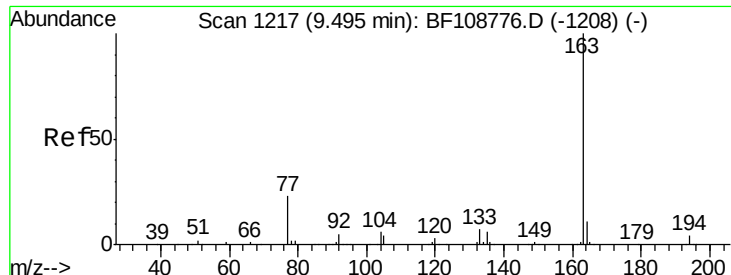
#44
 2-Fluorobiphenyl
 Concen: 109.134 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108870.D
 Acq: 7 Sep 2018 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	26.0	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

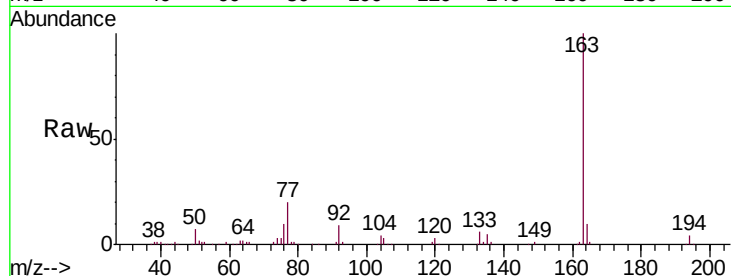




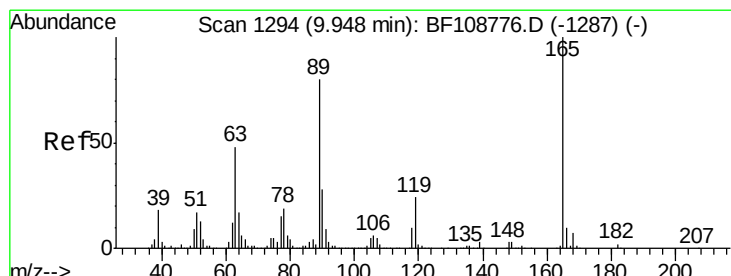
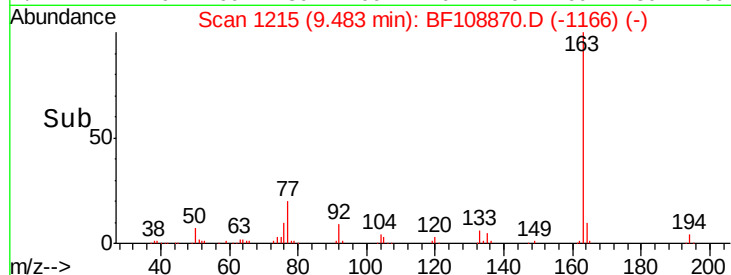
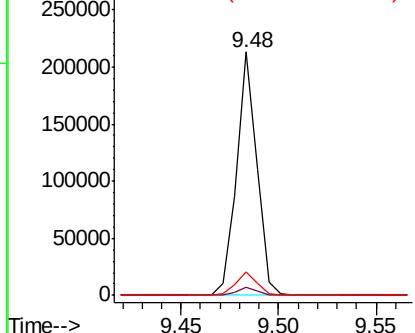
#49
Dimethylphthalate
Concen: 6.597 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

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

Tgt Ion:163 Resp: 153833
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

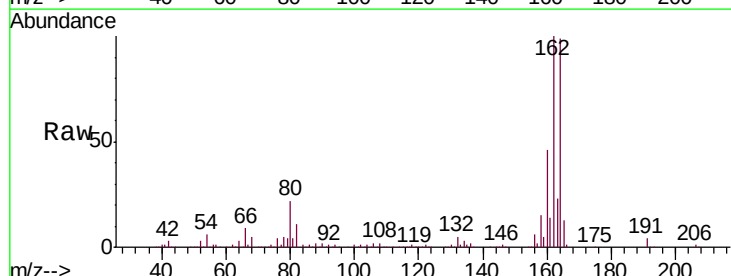


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

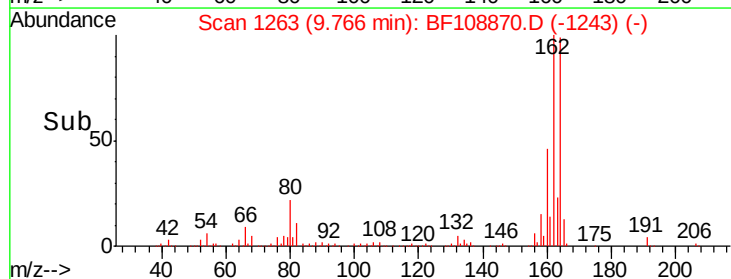
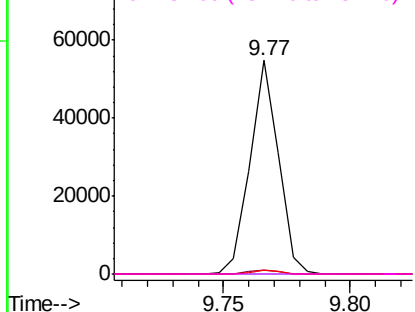


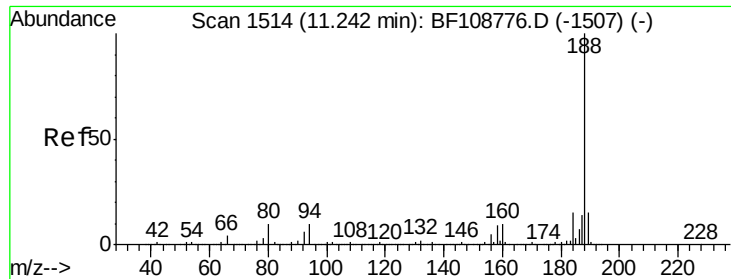
#56
2,4-Dinitrotoluene
Concen: 7.537 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

Tgt Ion:165 Resp: 42827
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.6 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

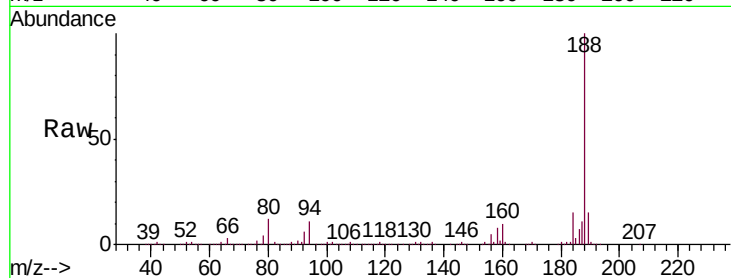




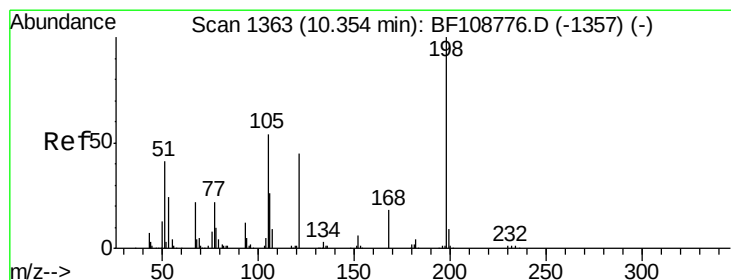
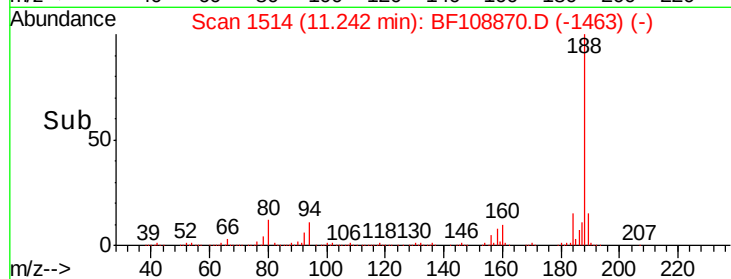
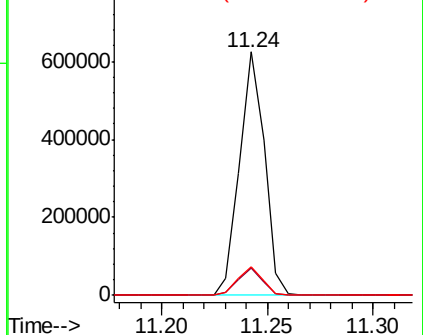
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

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

Tgt Ion:188 Resp: 510677
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.7 9.2 13.8

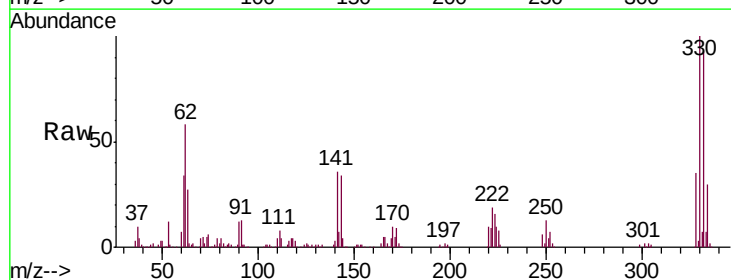


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

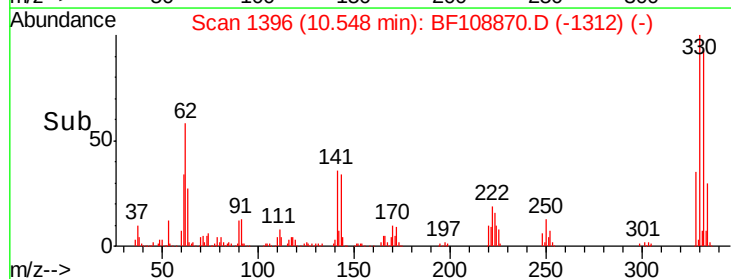
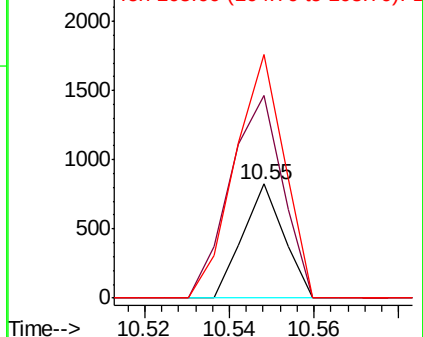


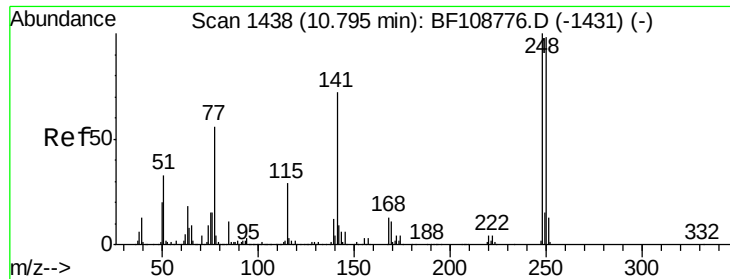
#64
4,6-Dinitro-2-methylphenol
Concen: 7.106 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

Tgt Ion:198 Resp: 556
Ion Ratio Lower Upper
198 100
51 177.6 37.7 77.7#
105 214.0 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

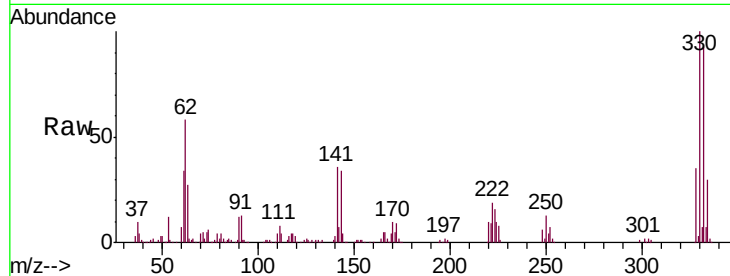




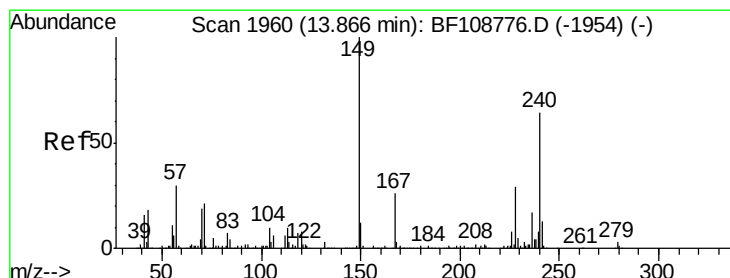
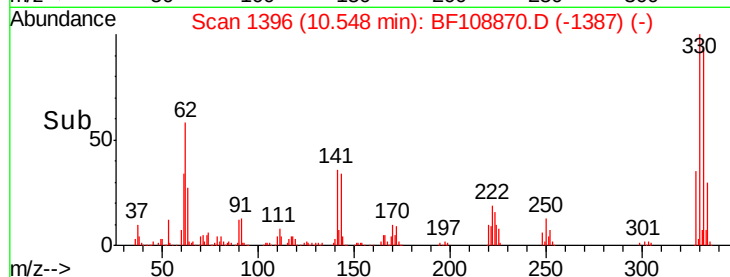
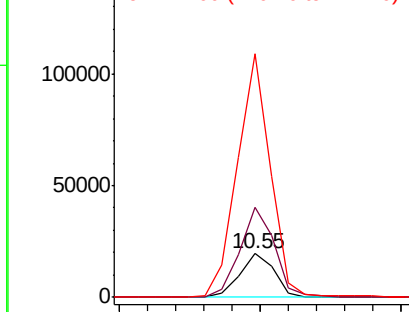
#66
4-Bromophenyl-phenylether
Concen: 2.873 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

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

Tgt Ion:248 Resp: 16572
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 557.8 74.4 111.6#

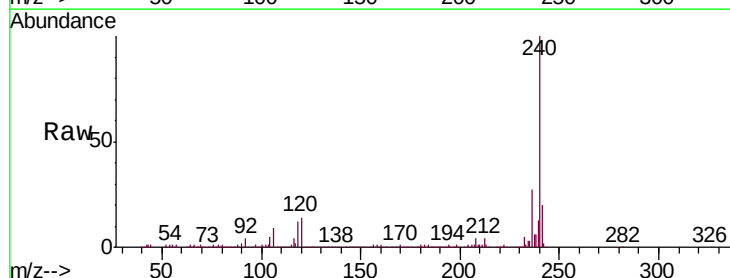


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

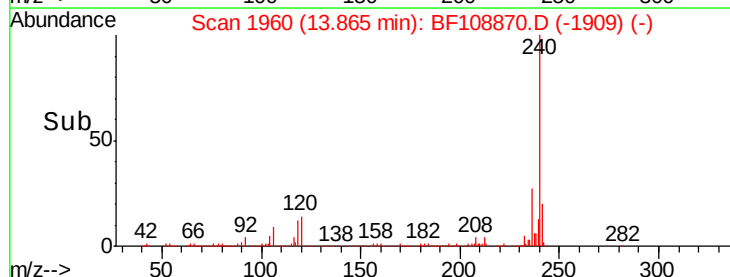
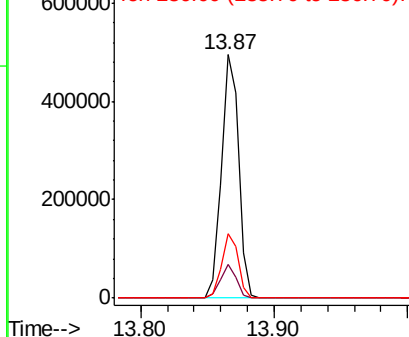


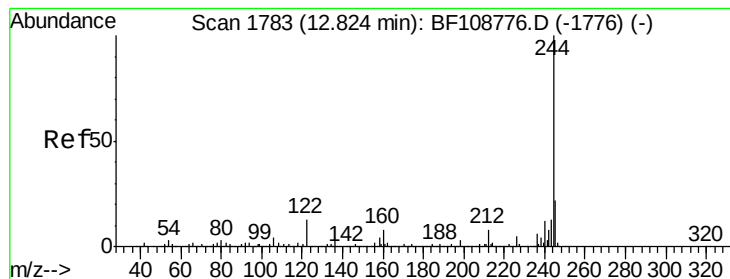
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108870.D
Acq: 7 Sep 2018 19:33

Tgt Ion:240 Resp: 453505
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 26.7 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: 78.497 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108870.D

Acq: 7 Sep 2018 19:33

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-M

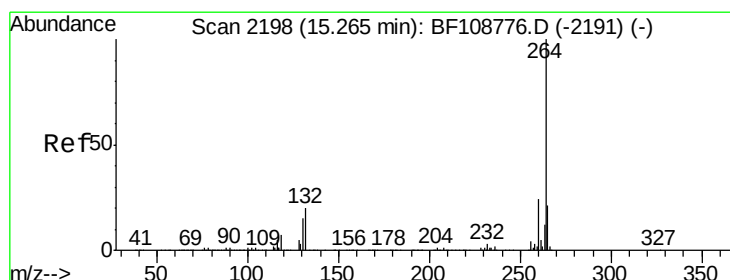
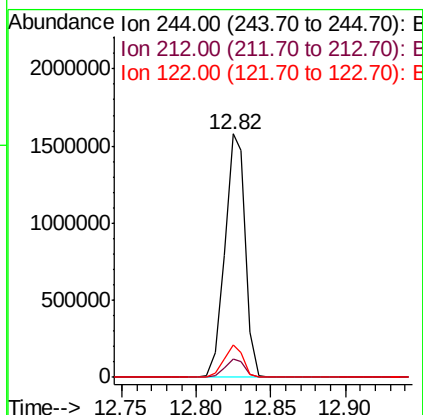
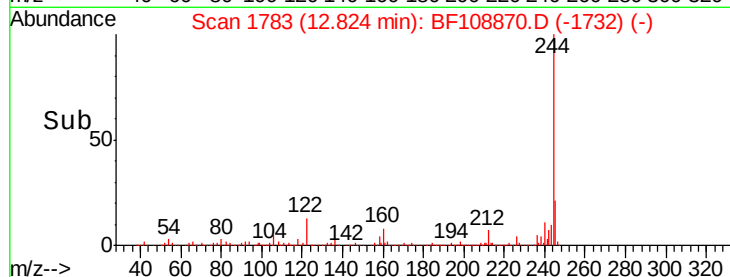
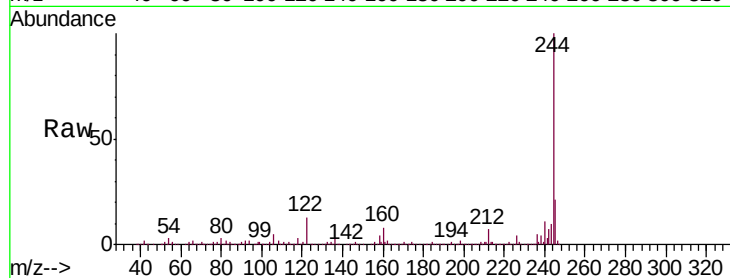
Tgt Ion:244 Resp: 1526602

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 13.3 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108870.D

Acq: 7 Sep 2018 19:33

Tgt Ion:264 Resp: 491319

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 17.5 26.3

