

Data File : BF108869.D
Acq On : 7 Sep 2018 19:06
Operator : JU/SJ
Sample : J4811-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 07 23:23:22 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	211832	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	764097	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	332415	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	514565	20.00	ng	0.00
75) Chrysene-d12	13.87	240	485742	20.00	ng	0.00
86) Perylene-d12	15.28	264	509509	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	600290	46.95	ng	0.00
7) Phenol-d6	6.37	99	543781	33.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	1346914	110.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	278883	87.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2139771	109.82	ng	0.00
78) Terphenyl-d14	12.83	244	1637458	78.61	ng	0.00

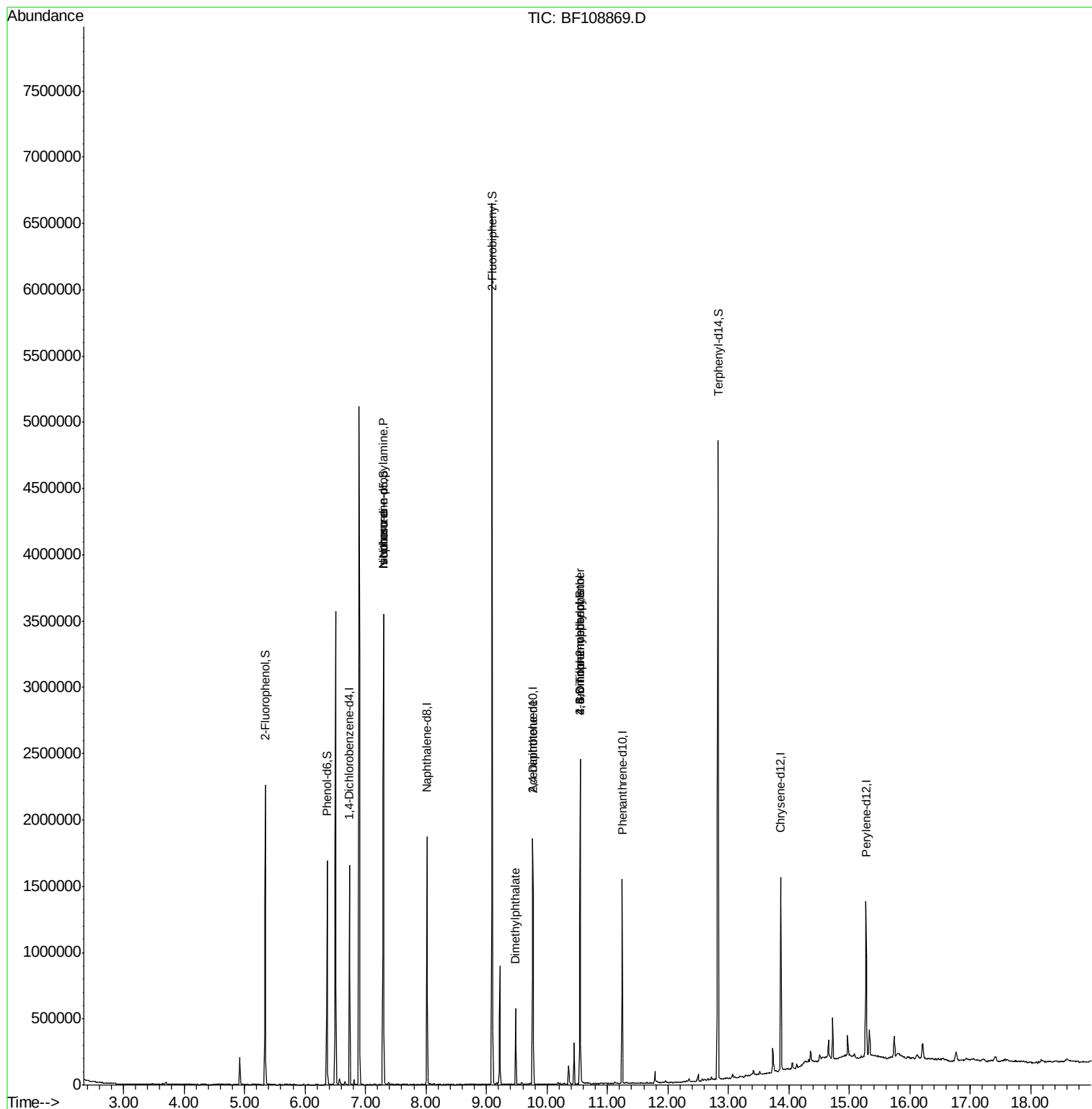
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	185216	16.196	ng	# 77
25) Isophorone	7.30	82	1341046	55.064	ng	# 64
49) Dimethylphthalate	9.48	163	192385	8.275	ng	99
56) 2,4-Dinitrotoluene	9.77	165	42074	7.426	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	665	7.150	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17235	2.966	ng	# 1

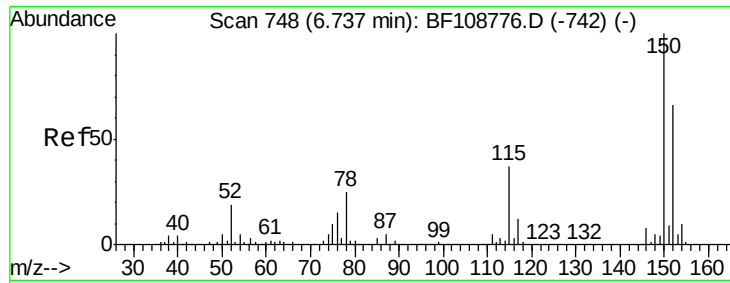
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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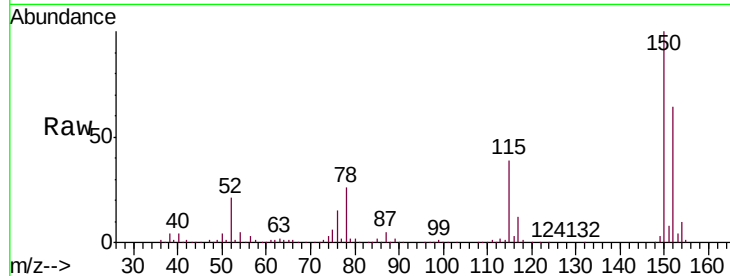




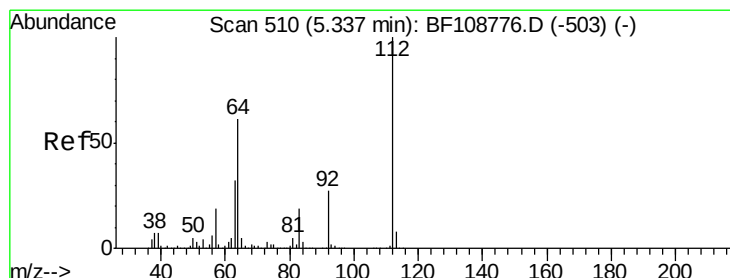
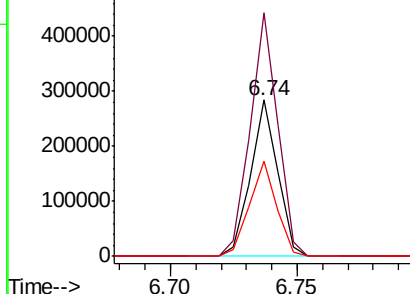
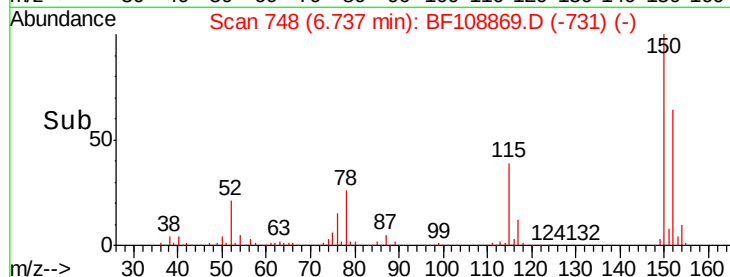
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108869.D
 Acq: 7 Sep 2018 19:06

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

Tgt Ion:152 Resp: 211832
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 60.7 50.1 75.1

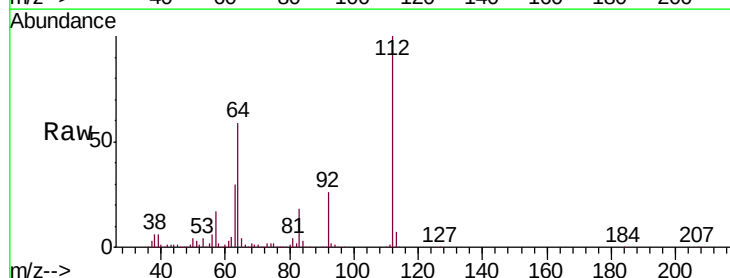


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

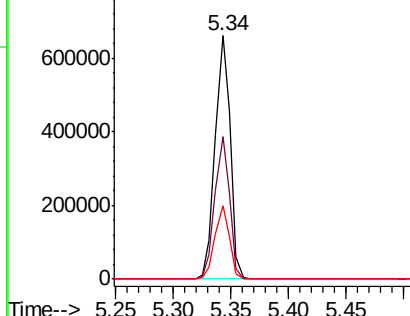
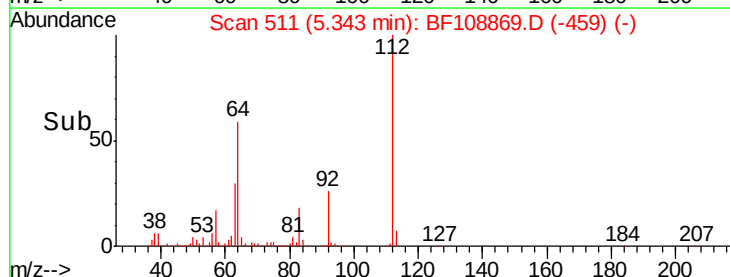


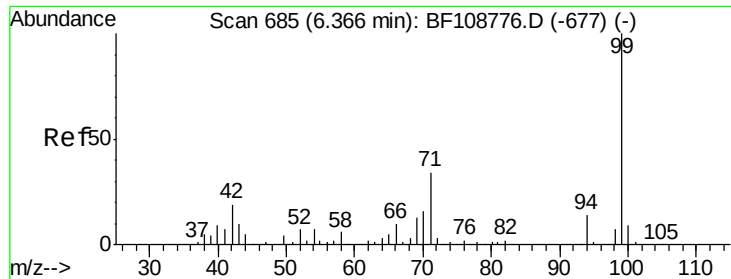
#5
 2-Fluorophenol
 Concen: 46.947 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108869.D
 Acq: 7 Sep 2018 19:06

Tgt Ion:112 Resp: 600290
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 30.1 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: 33.053 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108869.D

Acq: 7 Sep 2018 19:06

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-B

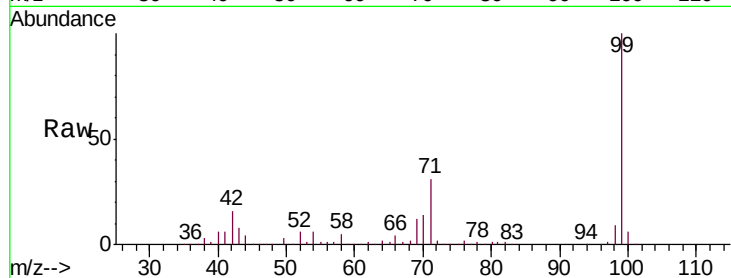
Tgt Ion: 99 Resp: 543781

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

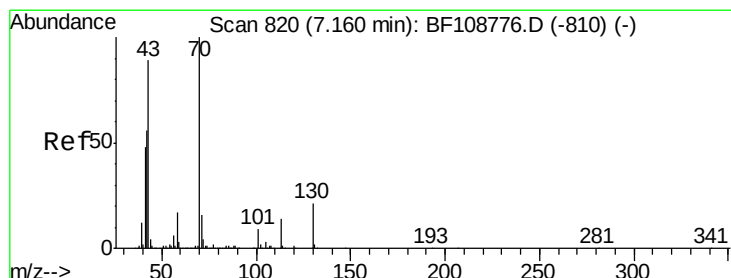
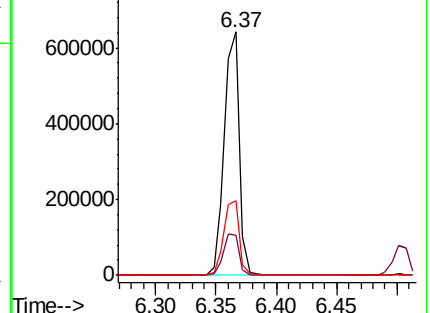
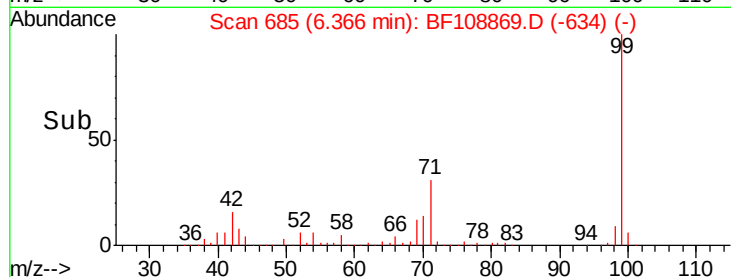
71 30.5 25.4 38.0



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: 16.196 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108869.D

Acq: 7 Sep 2018 19:06

Tgt Ion: 70 Resp: 185216

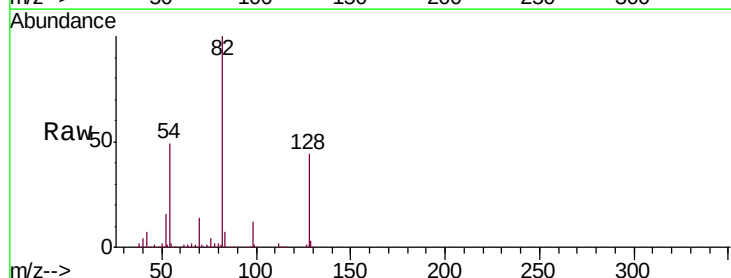
Ion Ratio Lower Upper

70 100

42 47.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

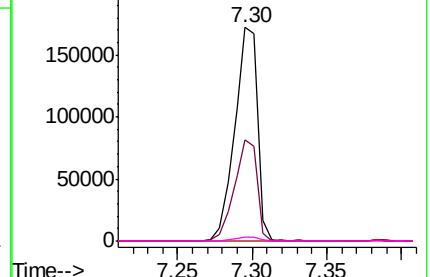
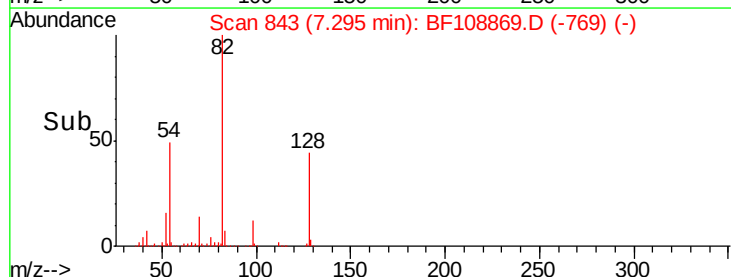


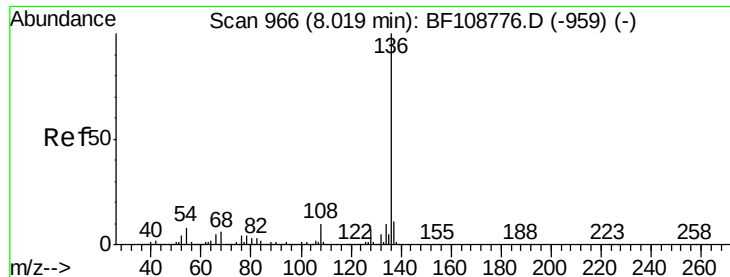
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

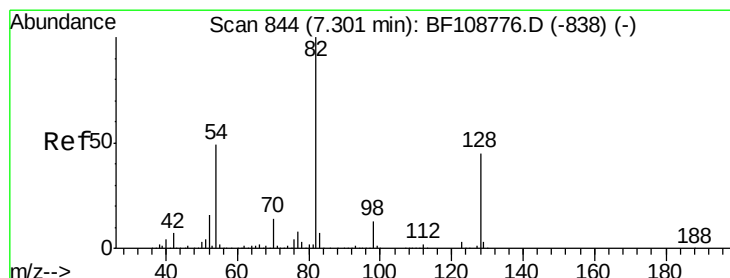
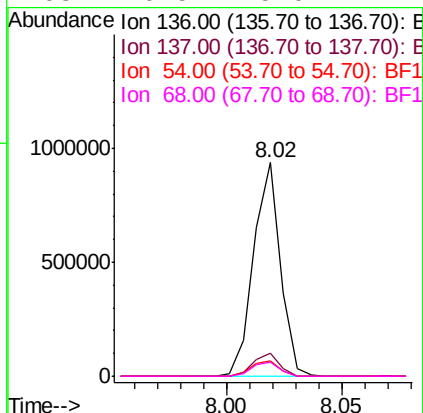
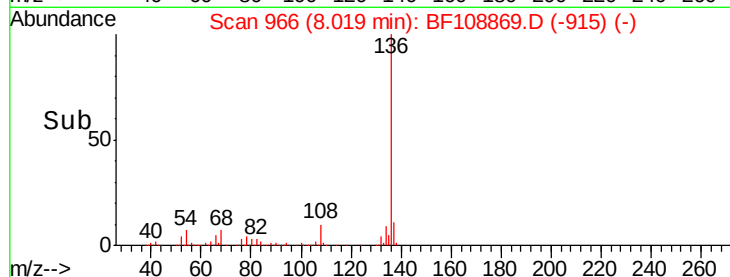
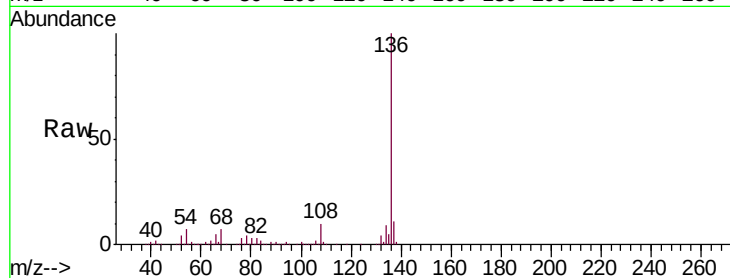




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108869.D
Acq: 7 Sep 2018 19:06

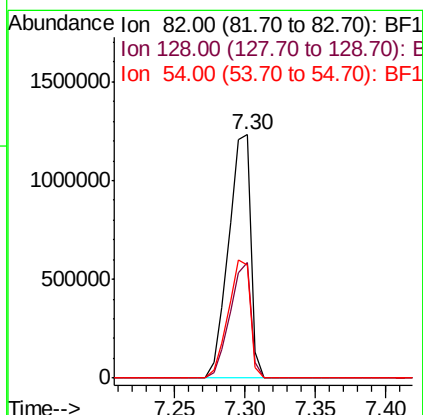
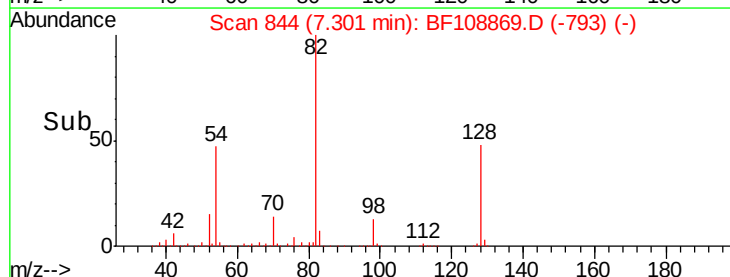
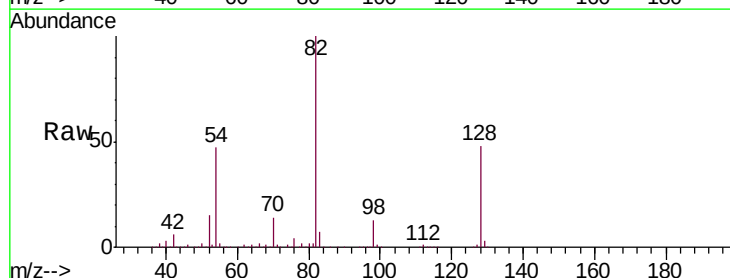
Instrument :
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090518-DBRI-E-D-B

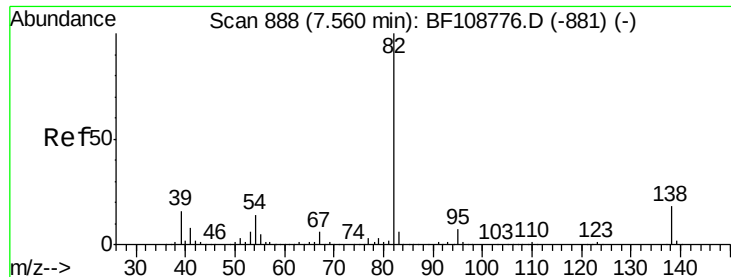
Tgt Ion:	136	Resp:	764097
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 110.315 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108869.D
Acq: 7 Sep 2018 19:06

Tgt Ion:	82	Resp:	1346914
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	46.5	41.4	62.2





#25

Isophorone

Concen: 55.064 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108869.D

Acq: 7 Sep 2018 19:06

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-B

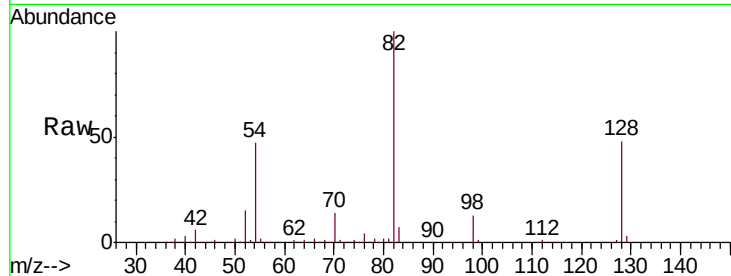
Tgt Ion: 82 Resp: 1341046

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

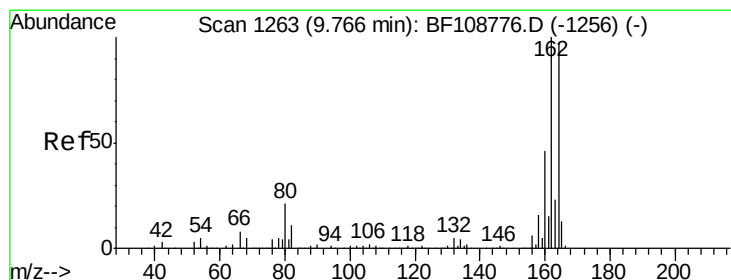
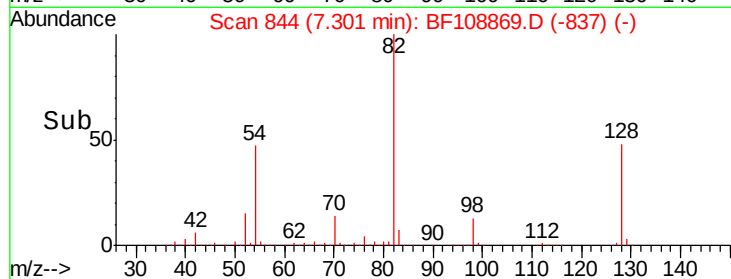
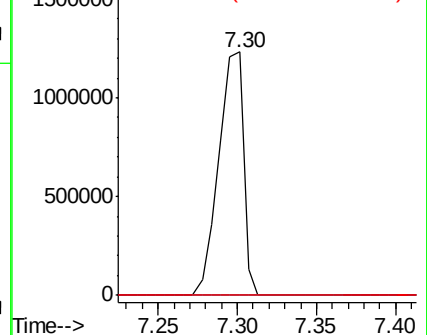
138 0.0 14.9 22.3#



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: BF108869.D

Acq: 7 Sep 2018 19:06

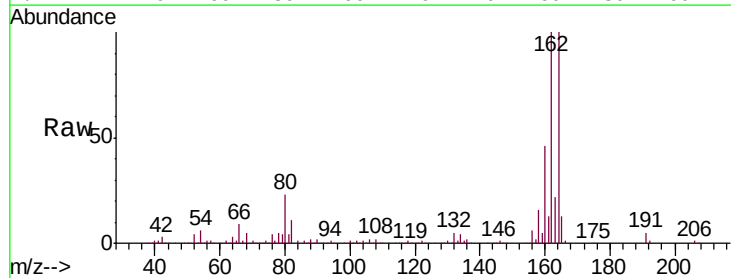
Tgt Ion: 164 Resp: 332415

Ion Ratio Lower Upper

164 100

162 99.8 86.1 129.1

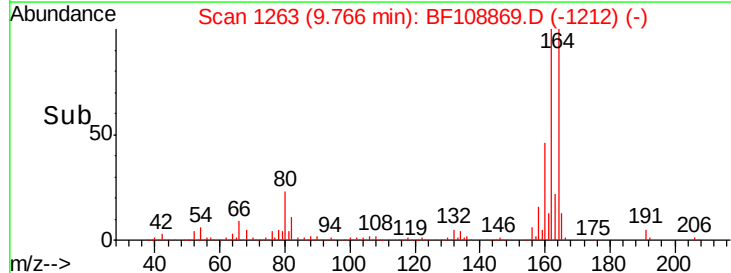
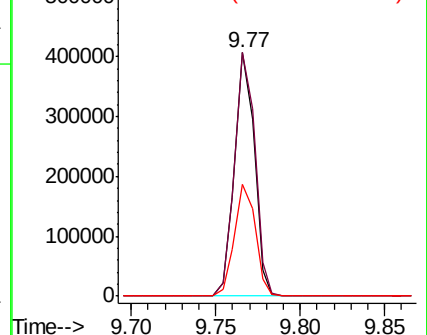
160 45.8 38.3 57.5

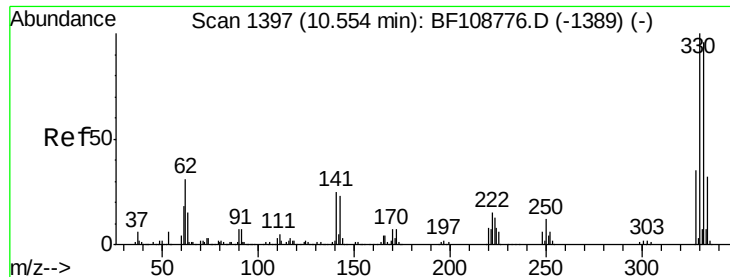


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

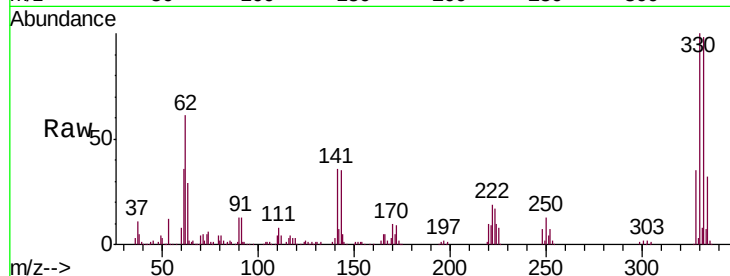




#41
 2,4,6-Tribromophenol
 Concen: 87.882 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108869.D
 Acq: 7 Sep 2018 19:06

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	32.3	29.9	44.9

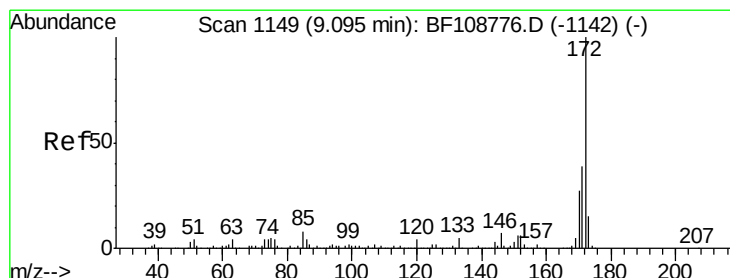
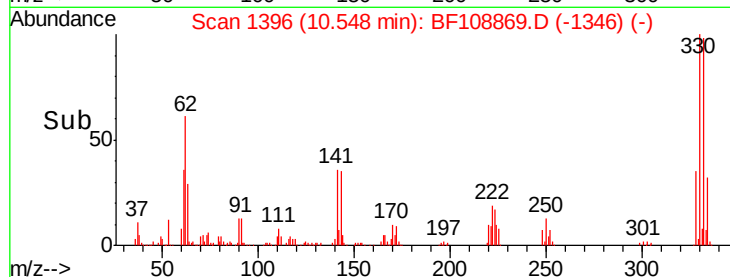
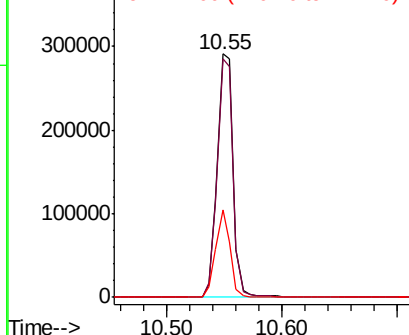


Abundance

Ion 329.80 (329.50 to 330.50): E

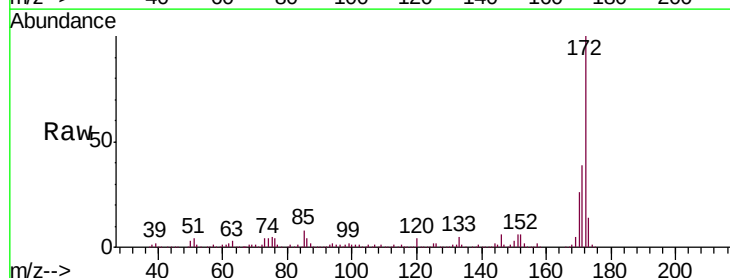
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.815 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108869.D
 Acq: 7 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.3	19.6	29.4

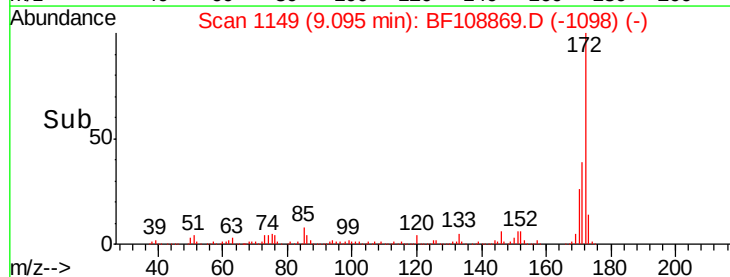
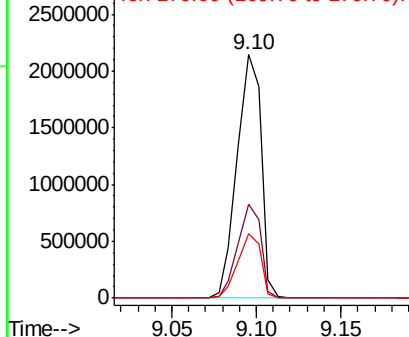


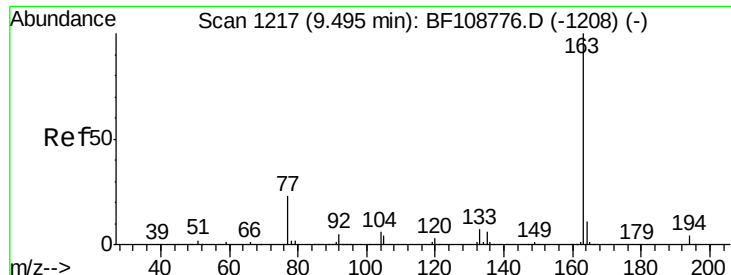
Abundance

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

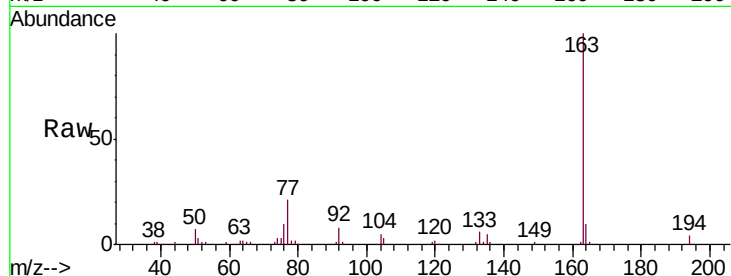




#49
Dimethylphthalate
Concen: 8.275 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108869.D
Acq: 7 Sep 2018 19:06

Instrument :
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ClientSampleId :
090518-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

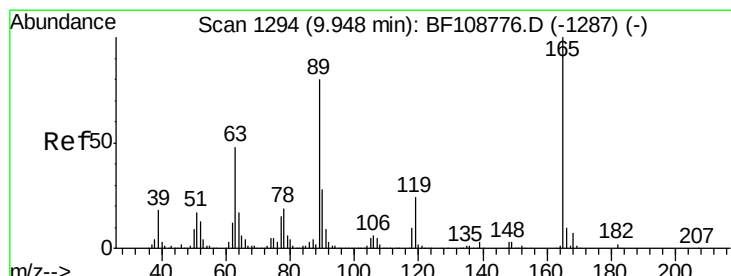
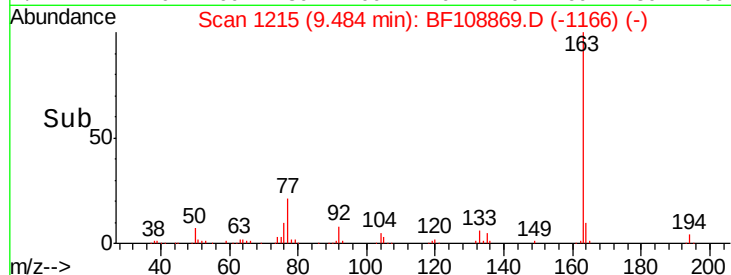
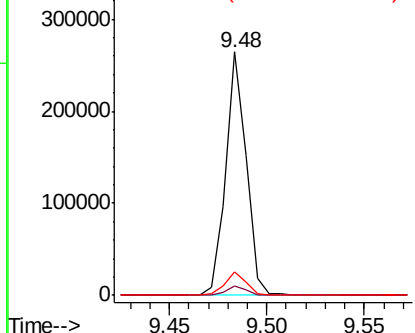


Abundance

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



#56
2,4-Dinitrotoluene
Concen: 7.426 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108869.D
Acq: 7 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

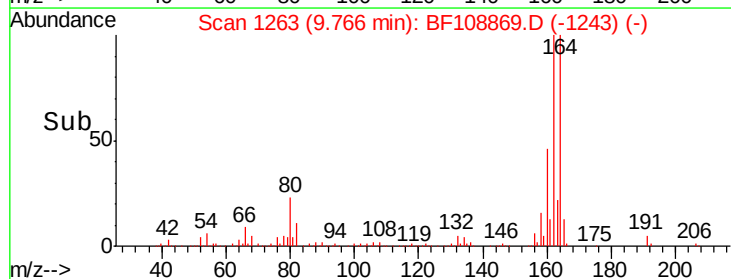
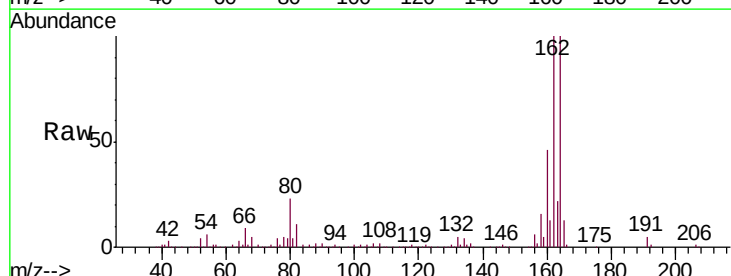
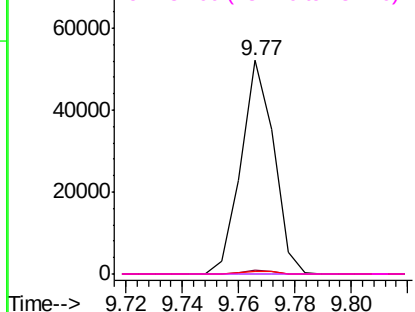
Abundance

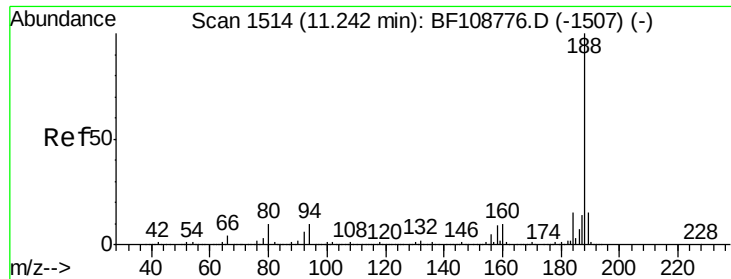
Ion 165.00 (164.70 to 165.70): E

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

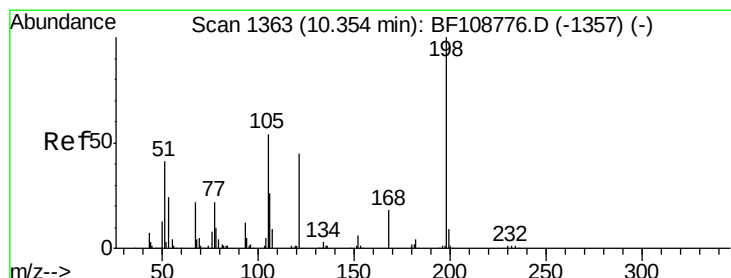
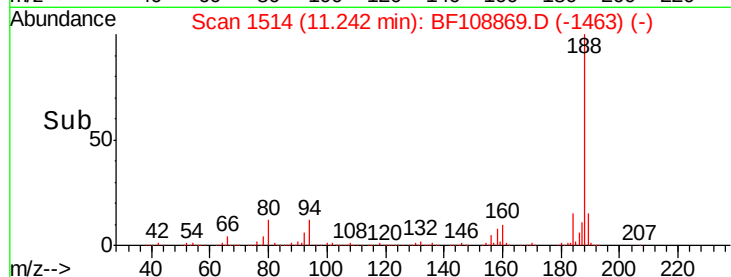
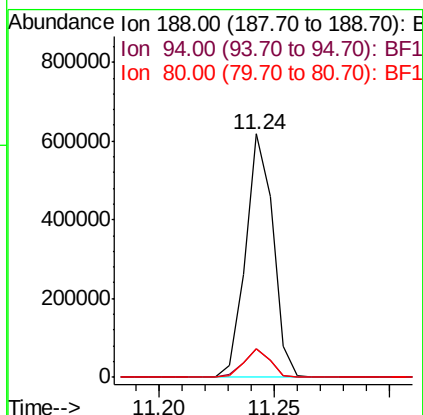
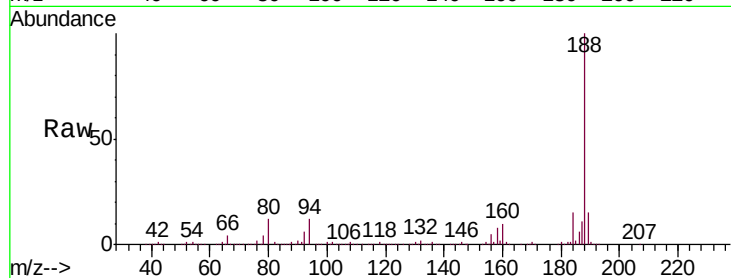




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108869.D
Acq: 7 Sep 2018 19:06

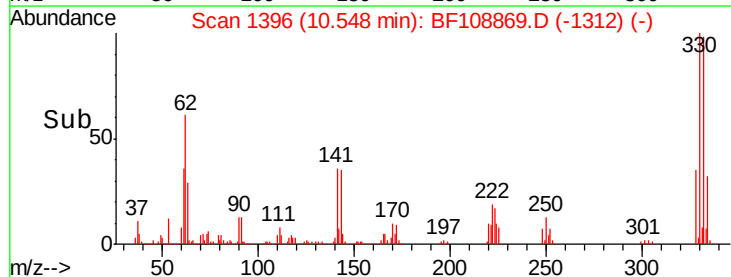
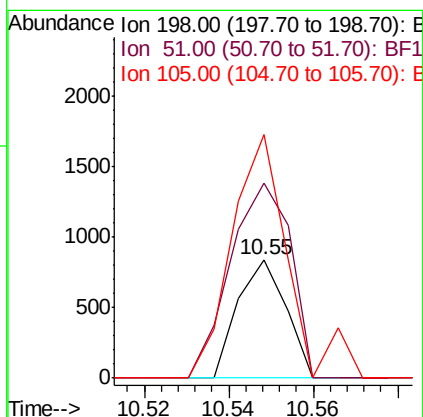
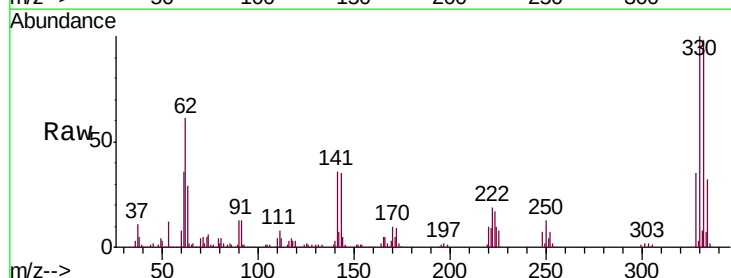
Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-B

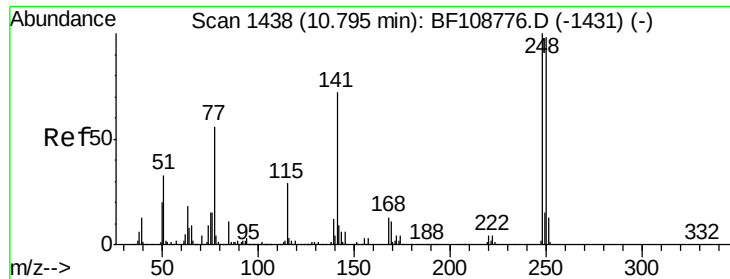
Tgt Ion:188 Resp: 514565
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.150 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108869.D
Acq: 7 Sep 2018 19:06

Tgt Ion:198 Resp: 665
Ion Ratio Lower Upper
198 100
51 164.8 37.7 77.7#
105 206.0 36.3 76.3#

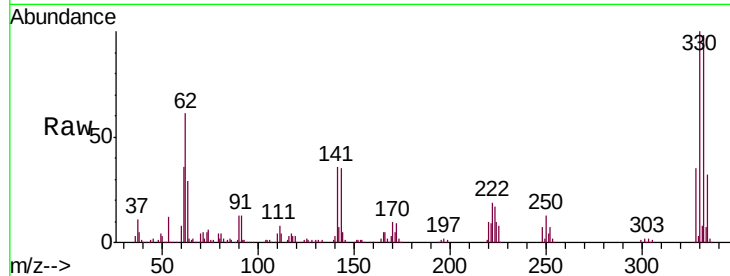




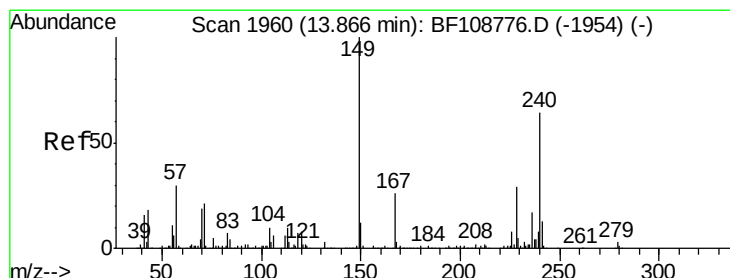
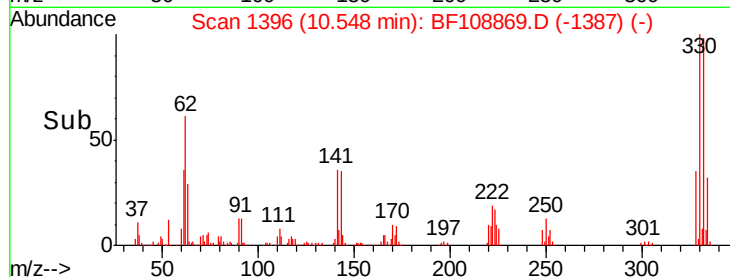
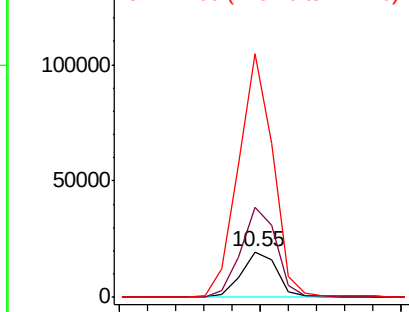
#66
 4-Bromophenyl-phenylether
 Concen: 2.966 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108869.D
 Acq: 7 Sep 2018 19:06

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

Tgt Ion: 248 Resp: 17235
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 538.6 74.4 111.6#

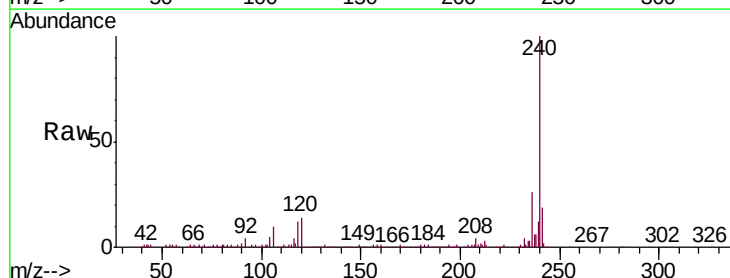


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

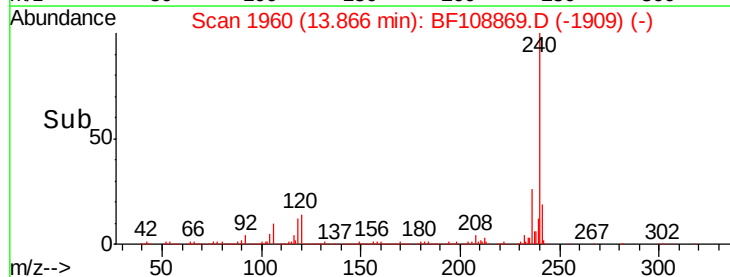
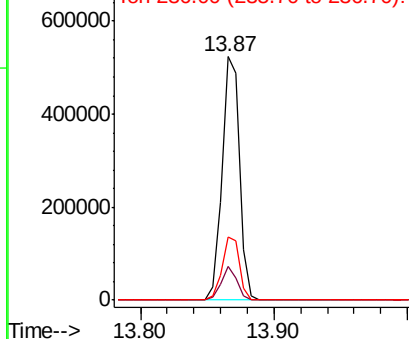


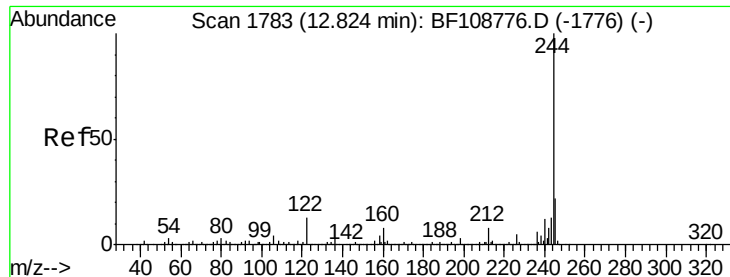
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108869.D
 Acq: 7 Sep 2018 19:06

Tgt Ion: 240 Resp: 485742
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 25.7 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: 78.609 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108869.D

Acq: 7 Sep 2018 19:06

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-B

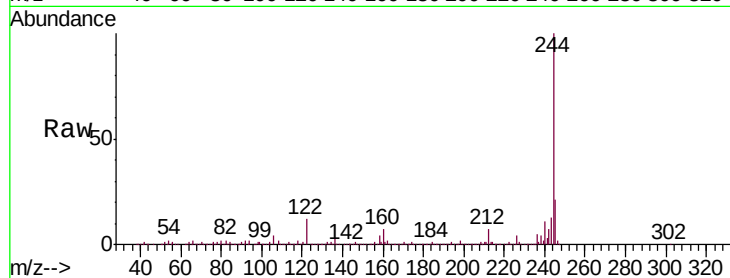
Tgt Ion:244 Resp: 1637458

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

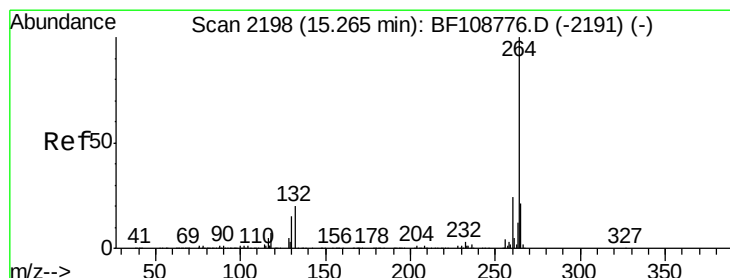
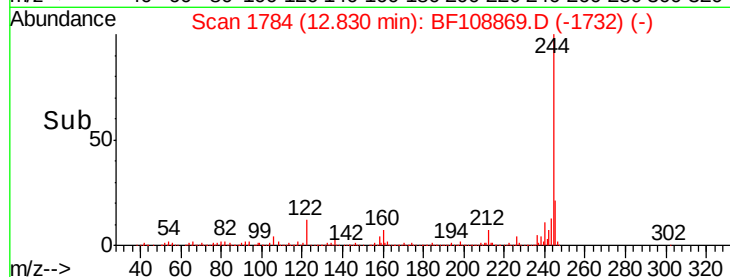
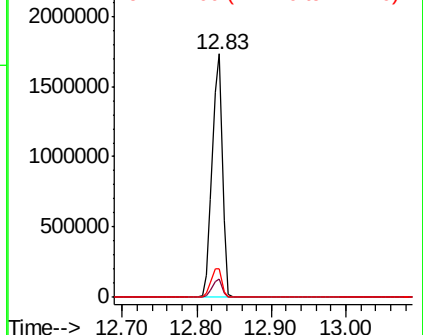
122 11.8 11.0 16.4



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: BF108869.D

Acq: 7 Sep 2018 19:06

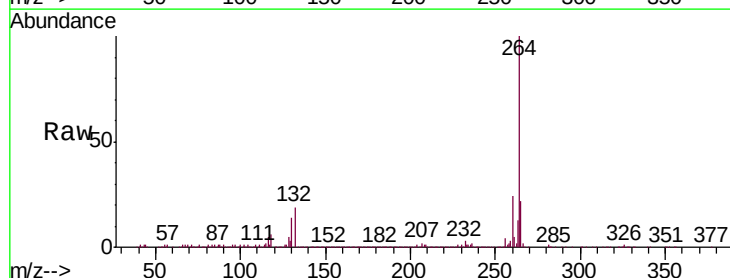
Tgt Ion:264 Resp: 509509

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

