

Data File : BF108911.D
Acq On : 10 Sep 2018 23:25
Operator : JU/SJ
Sample : PB112743BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112743BL

Quant Time: Sep 11 03:05:08 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	181404	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	630038	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	251713	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	412796	20.00	ng	0.00
75) Chrysene-d12	13.87	240	430490	20.00	ng	0.00
86) Perylene-d12	15.28	264	307114	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1106546	101.05	ng	0.02
7) Phenol-d6	6.38	99	1360199	96.54	ng	0.01
23) Nitrobenzene-d5	7.30	82	830190	82.46	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	245835	102.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1388000	94.07	ng	0.00
78) Terphenyl-d14	12.83	244	1233223	66.80	ng	0.00

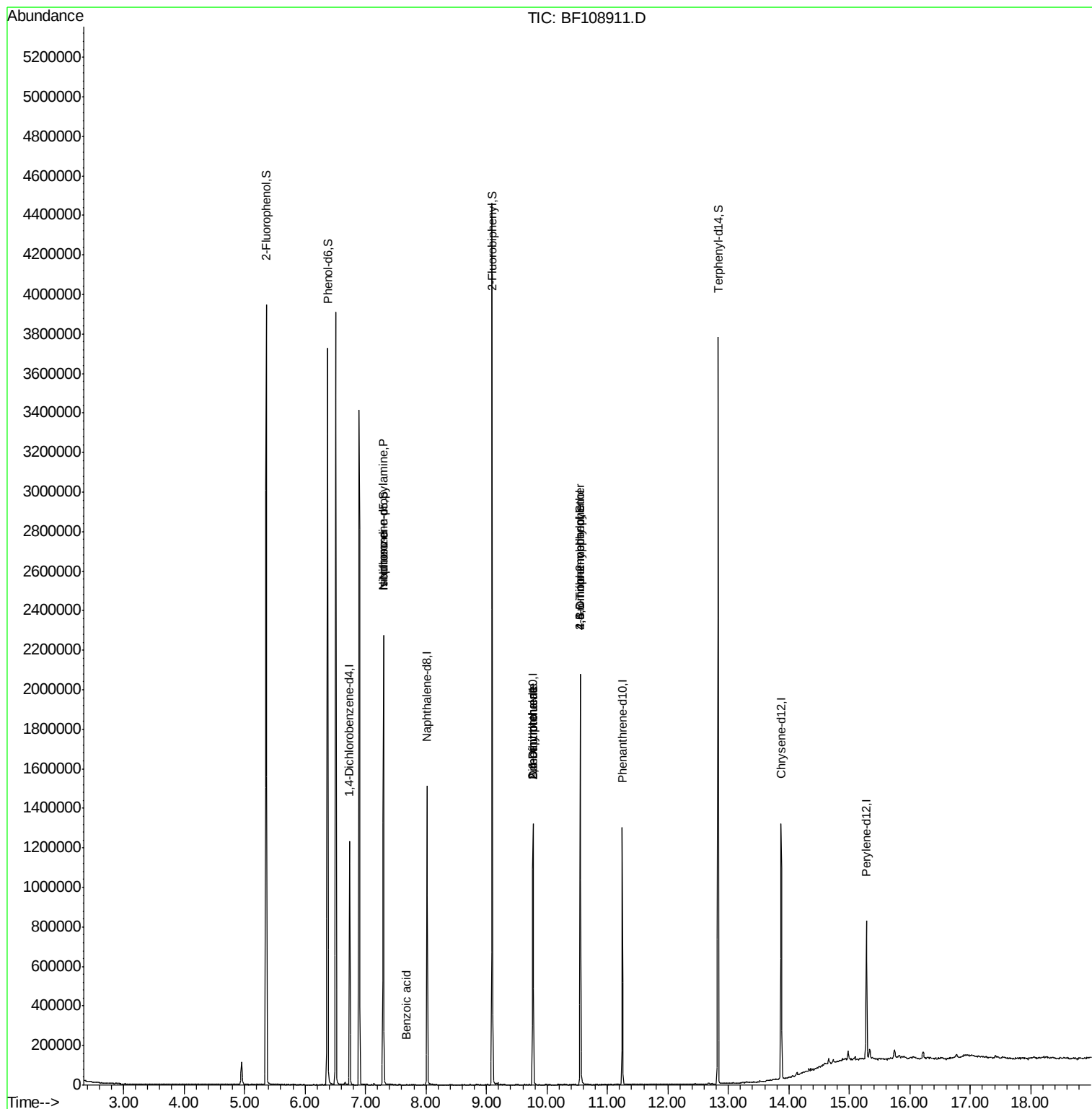
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	111962	11.433	ng	# 78
25) Isophorone	7.30	82	824504	41.058	ng	# 64
32) Benzoic acid	7.68	122	171	4.049	ng	# 1
49) Dimethylphthalate	9.77	163	70712	4.016	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	32787	9.773	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	32787	7.642	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	629	7.200	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14694	3.152	ng	# 1

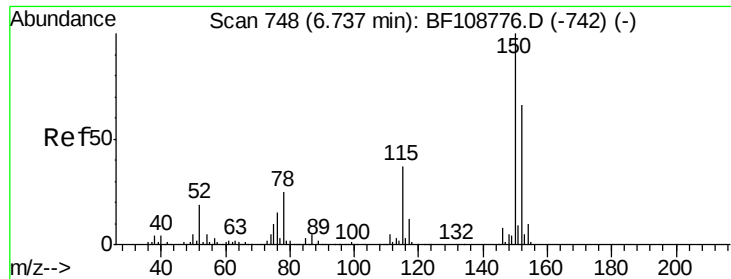
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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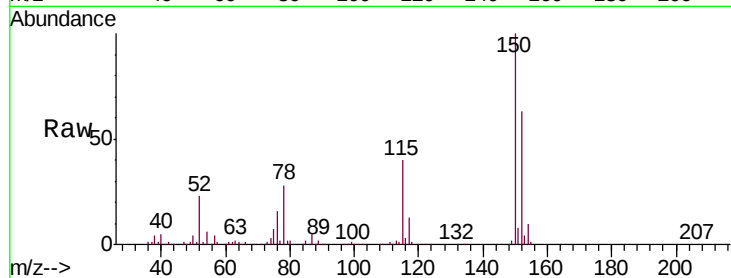


#1

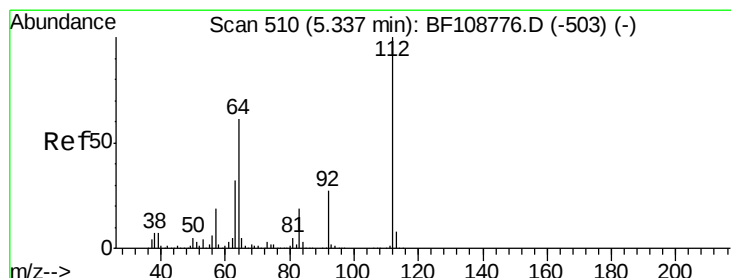
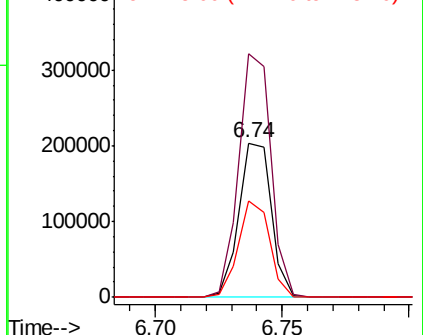
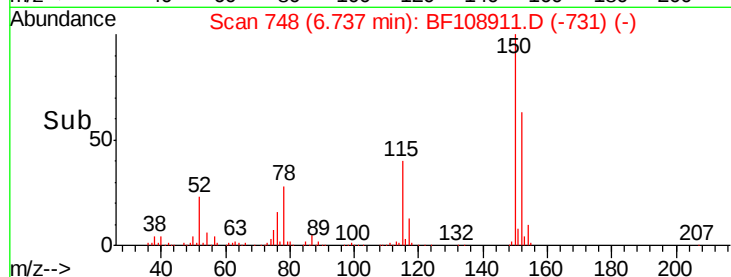
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Instrument :
BNA_F
ClientSampleId :
PB112743BL

Tgt Ion:152 Resp: 181404
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.7 50.1 75.1



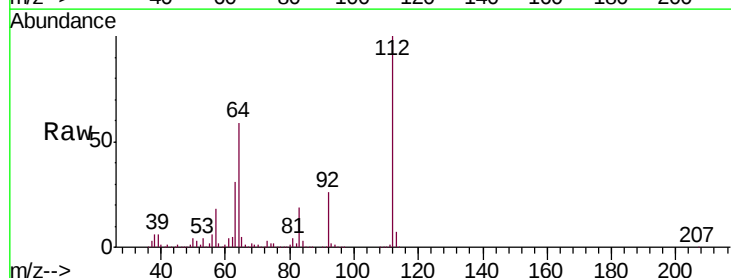
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



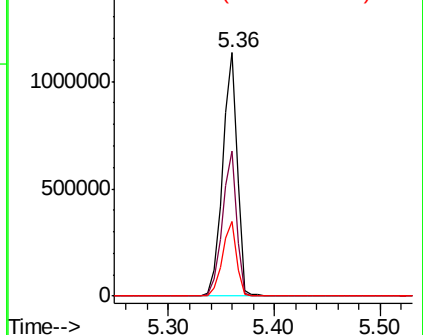
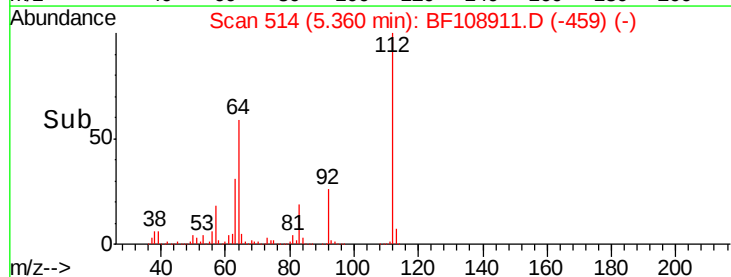
#5

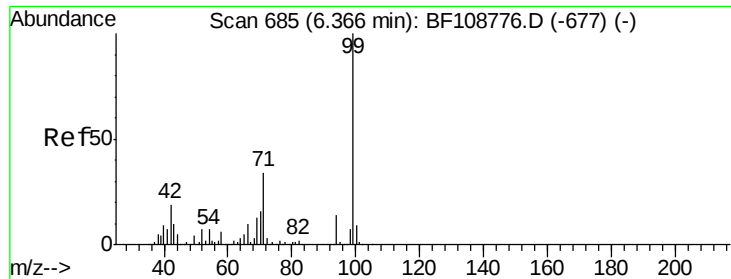
2-Fluorophenol
Concen: 101.055 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Tgt Ion:112 Resp: 1106546
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.9 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: 96.545 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108911.D

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Instrument :

BNA_F

ClientSampleId :

PB112743BL

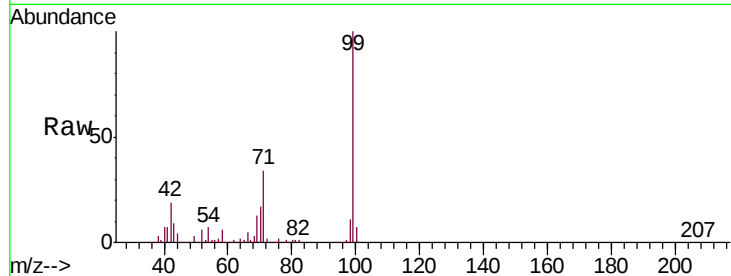
Tgt Ion: 99 Resp: 1360199

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

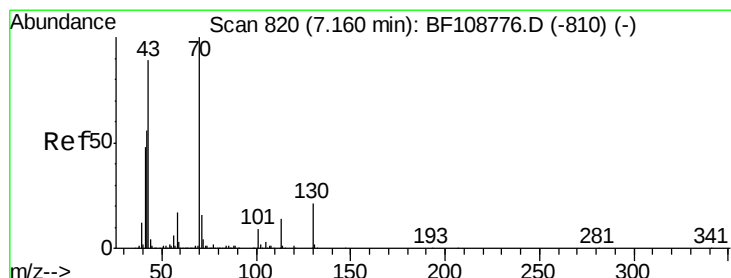
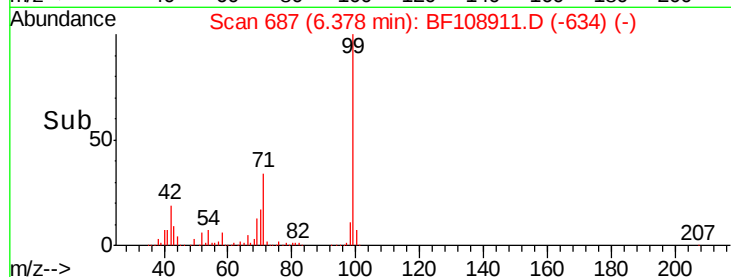
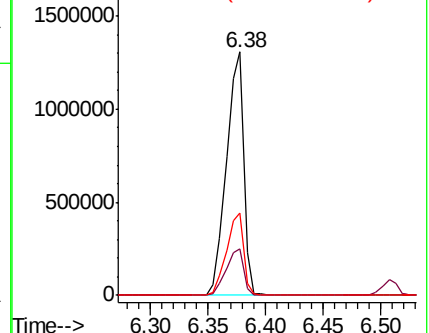
71 33.6 25.4 38.0



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: 11.433 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108911.D

Acq: 10 Sep 2018 23:25

Tgt Ion: 70 Resp: 111962

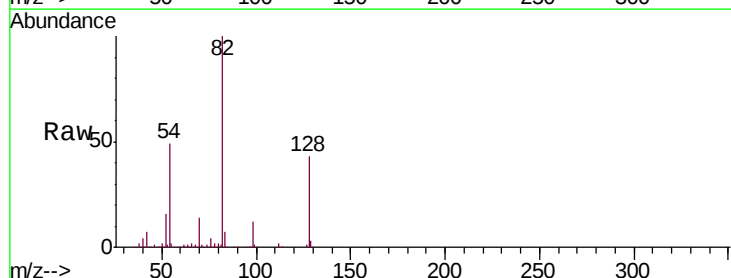
Ion Ratio Lower Upper

70 100

42 48.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

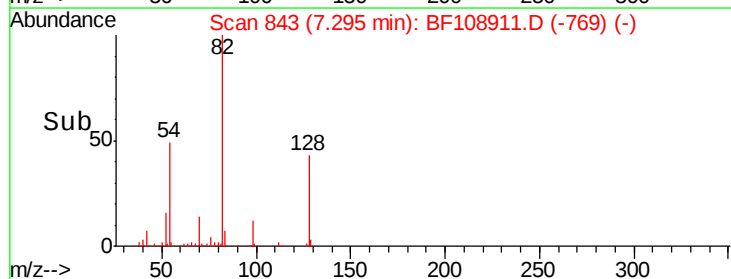
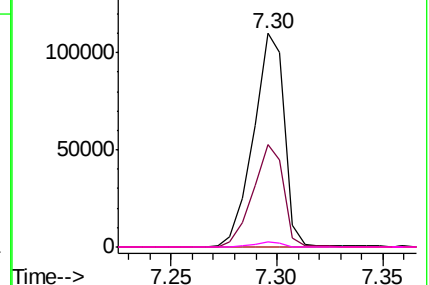


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

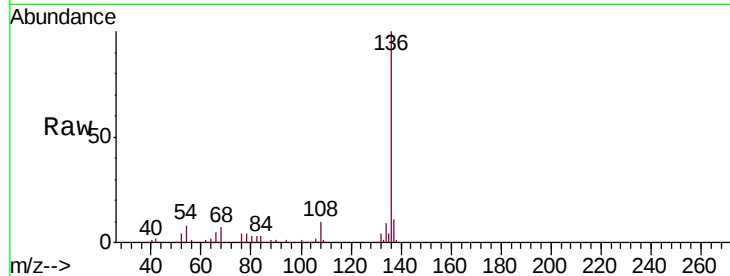




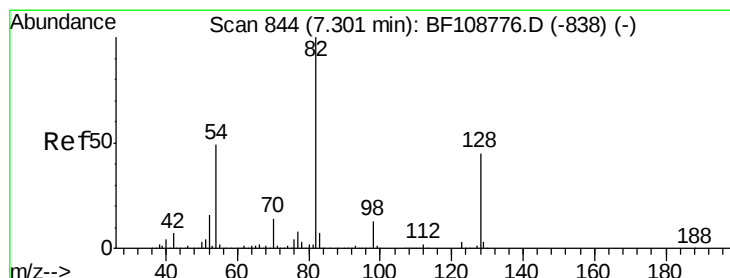
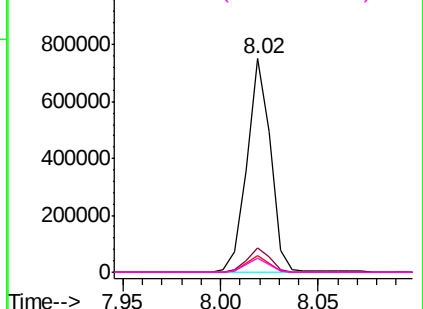
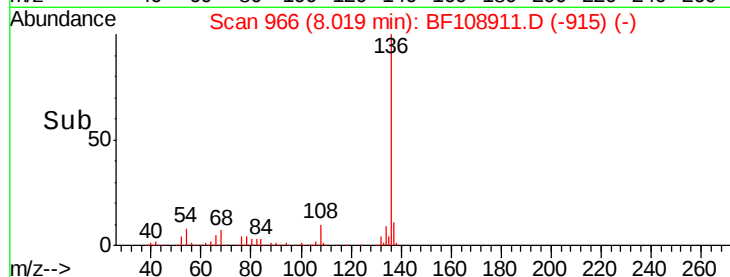
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Instrument :
BNA_F
ClientSampleId :
PB112743BL

Tgt Ion:	136	Resp:	630038
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	6.6	9.8
68	6.8	5.0	7.4

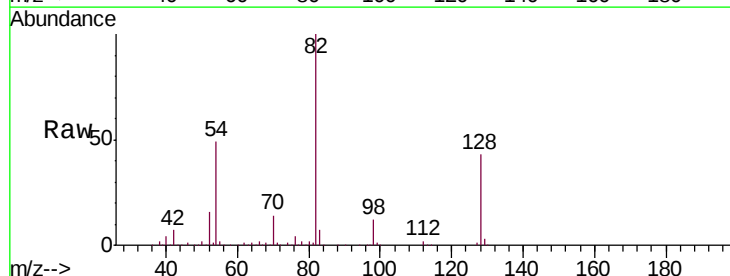


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

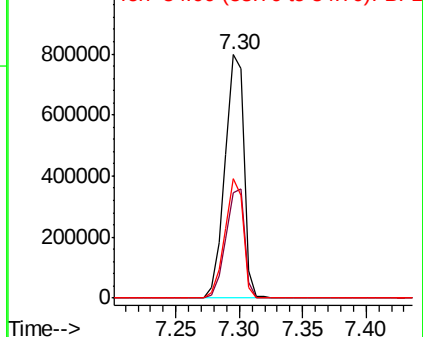
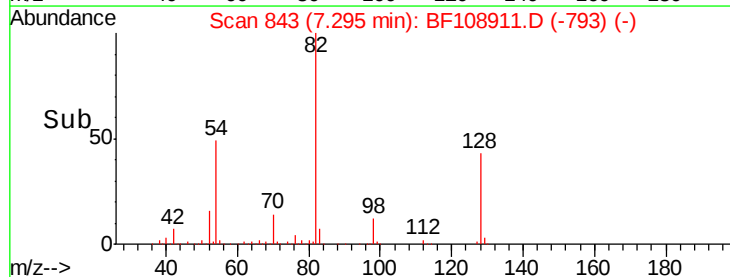


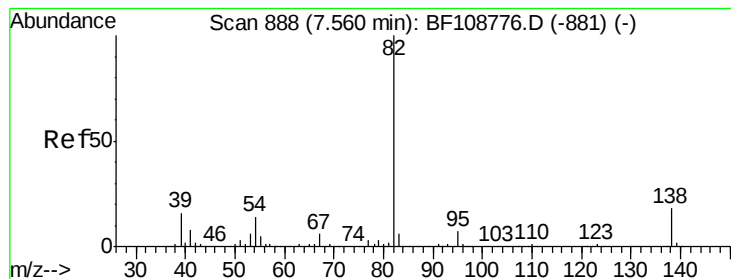
#23
Nitrobenzene-d5
Concen: 82.462 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Tgt Ion:	82	Resp:	830190
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.1	41.4	62.2



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





#25

Isophorone

Concen: 41.058 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108911.D

Acq: 10 Sep 2018 23:25

Instrument :

BNA_F

ClientSampleId :

PB112743BL

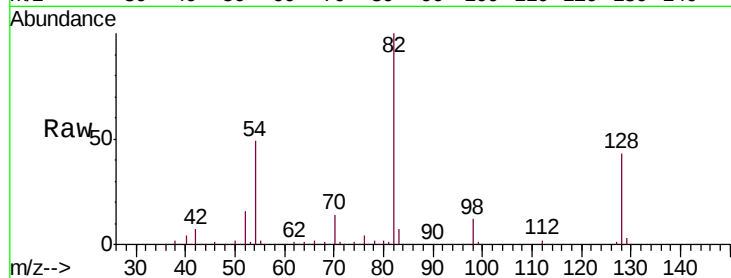
Tgt Ion: 82 Resp: 824504

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

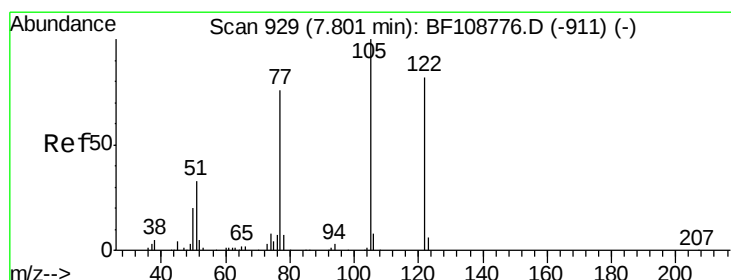
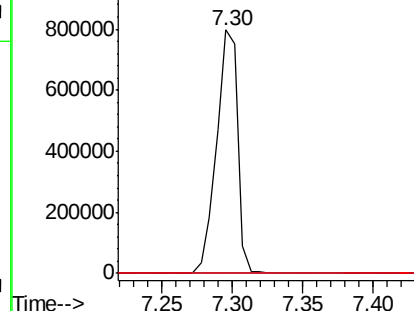
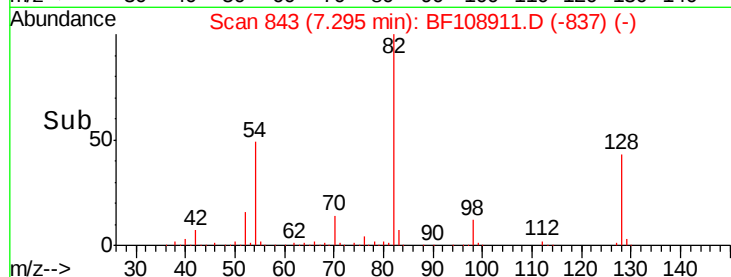
138 0.0 14.9 22.3#



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: 4.049 ng

RT: 7.68 min Scan# 908

Delta R.T. -0.12 min

Lab File: BF108911.D

Acq: 10 Sep 2018 23:25

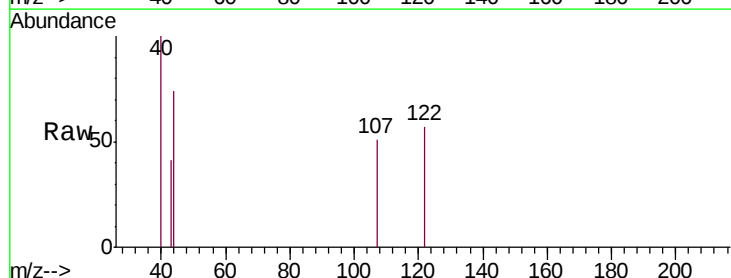
Tgt Ion: 122 Resp: 171

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

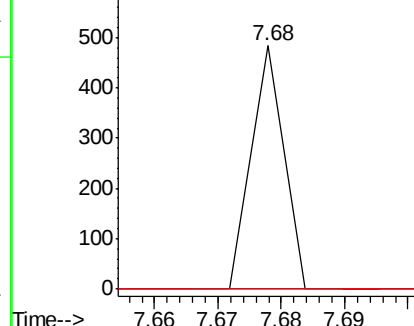
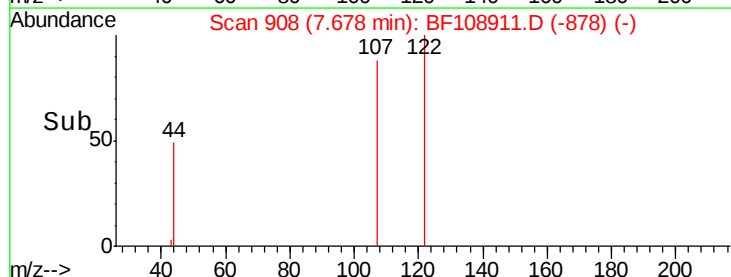
77 0.0 70.7 110.7#

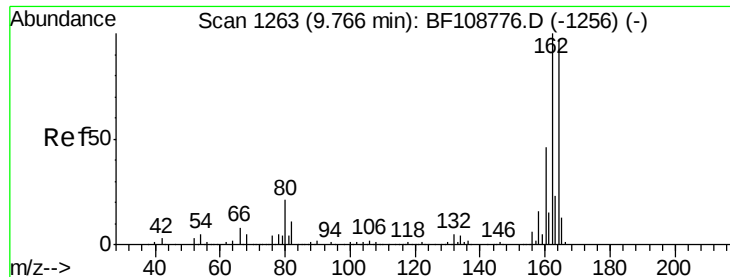


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

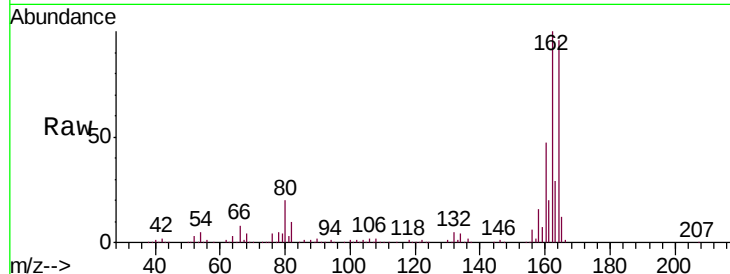




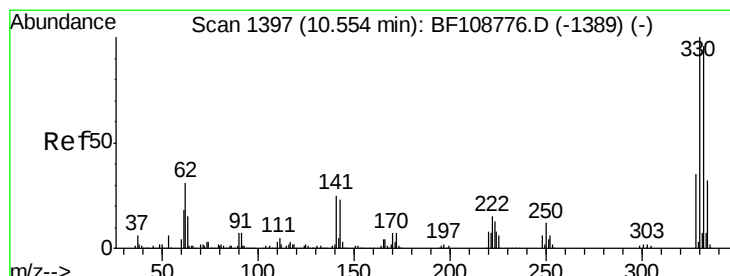
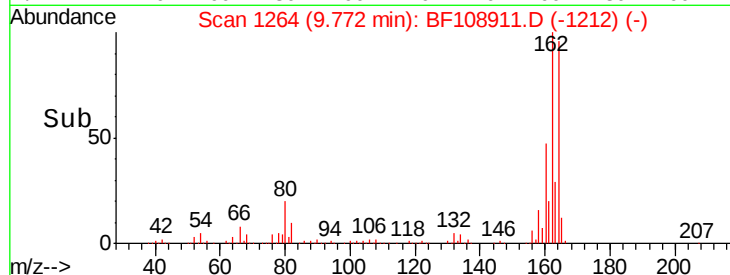
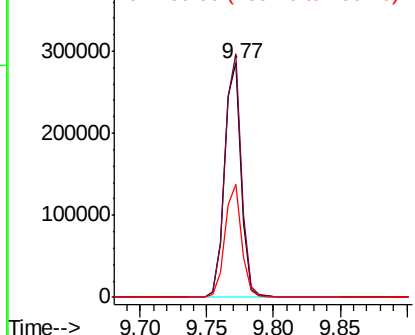
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Instrument :
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Tgt Ion:164 Resp: 251713
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 48.4 38.3 57.5

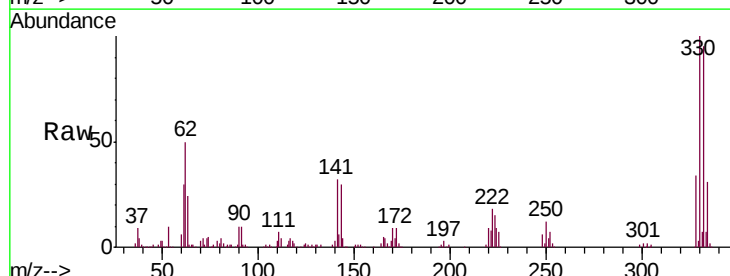


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

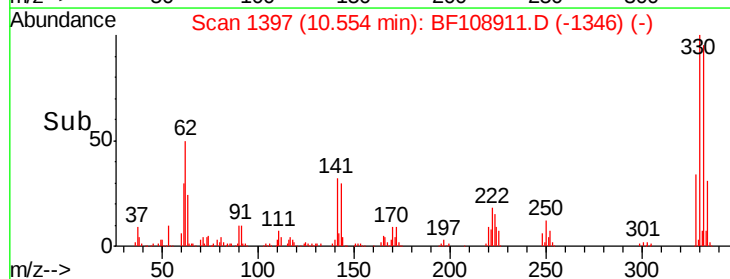
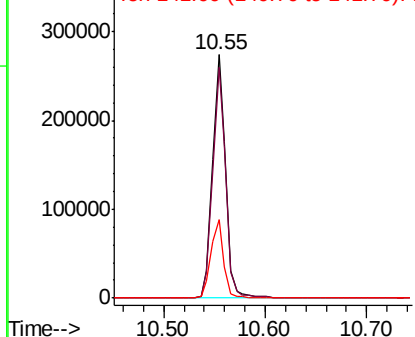


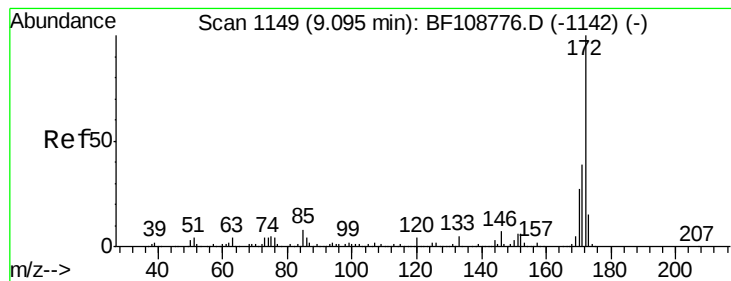
#41
 2,4,6-Tribromophenol
 Concen: 102.304 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion:330 Resp: 245835
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.7 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

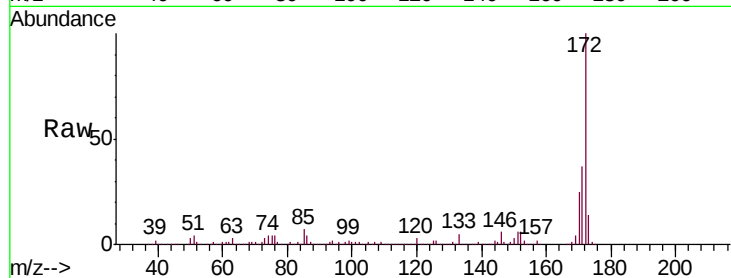




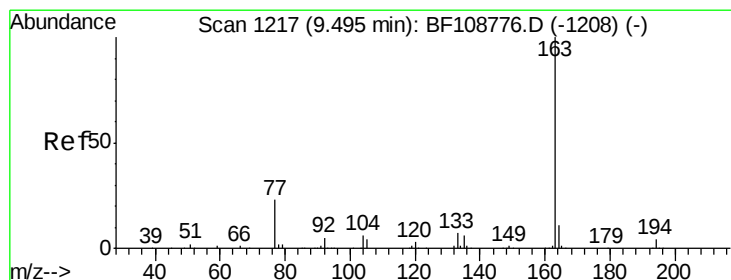
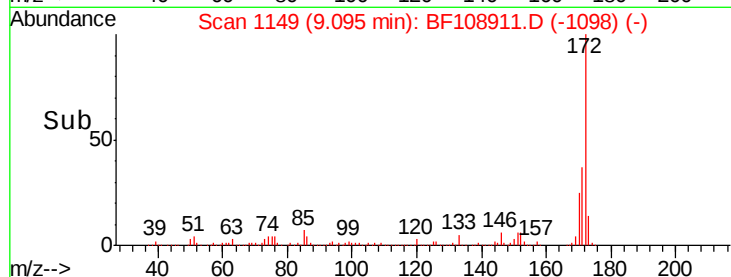
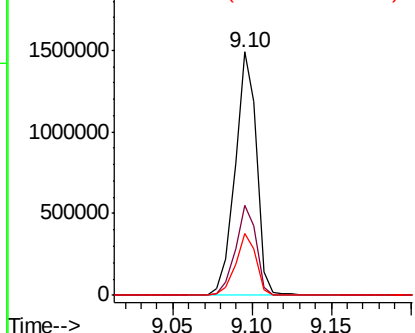
#44
 2-Fluorobiphenyl
 Concen: 94.072 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Instrument :
 BNA_F
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Tgt Ion:172 Resp: 1388000
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 25.1 19.6 29.4

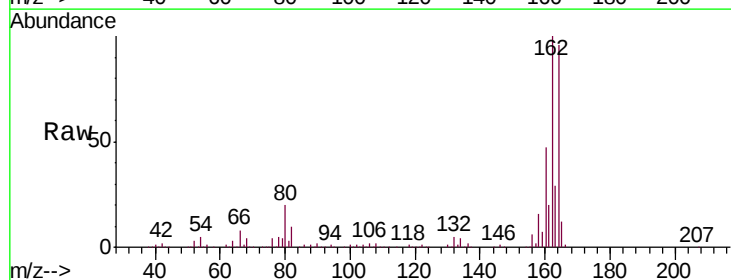


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

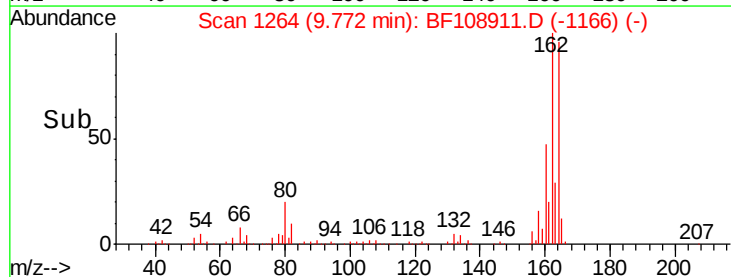
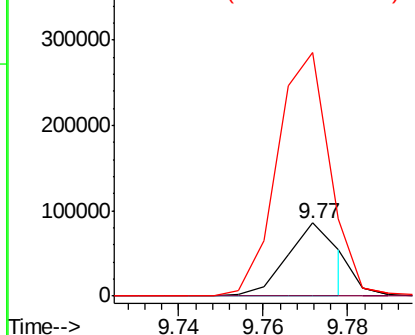


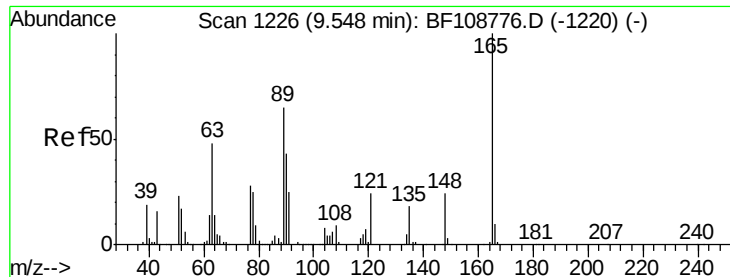
#49
 Dimethylphthalate
 Concen: 4.016 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.28 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion:163 Resp: 70712
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.7 4.1#
 164 334.1 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

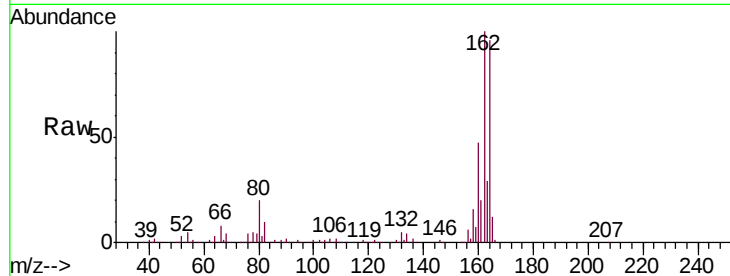




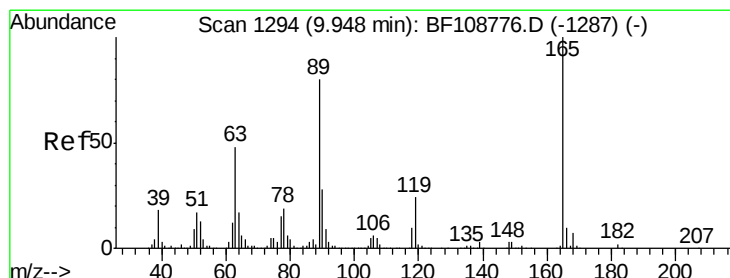
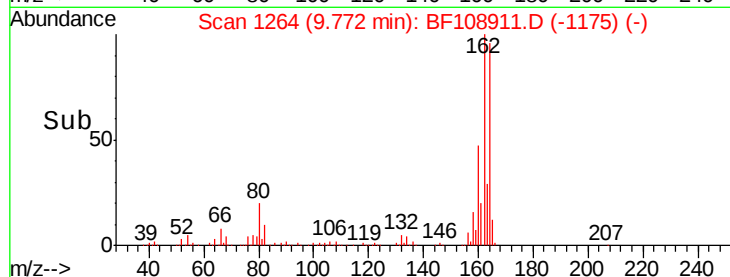
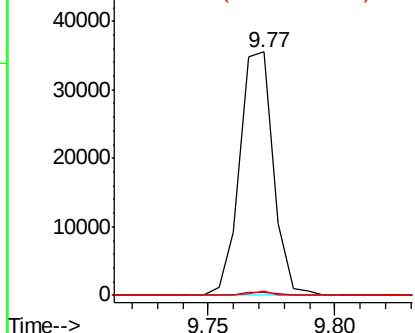
#50
 2,6-Dinitrotoluene
 Concen: 9.773 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.22 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BL

Tgt Ion:165 Resp: 32787
 Ion Ratio Lower Upper
 165 100
 63 1.0 44.7 67.1#
 89 1.8 44.0 66.0#

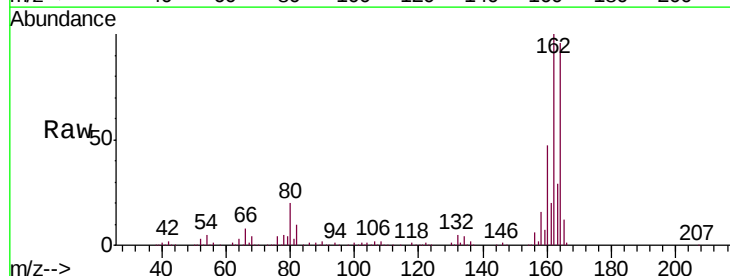


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

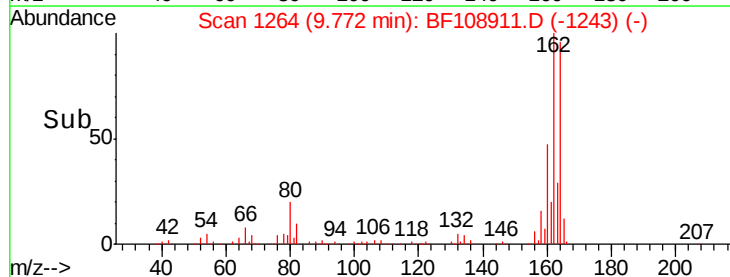
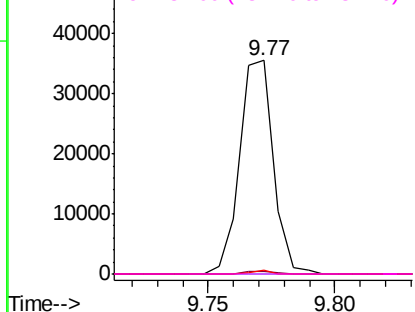


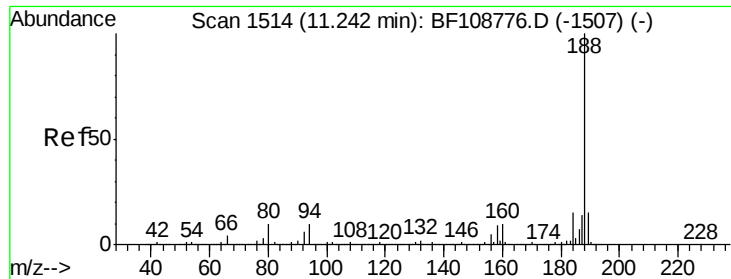
#56
 2,4-Dinitrotoluene
 Concen: 7.642 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.18 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion:165 Resp: 32787
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.8 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

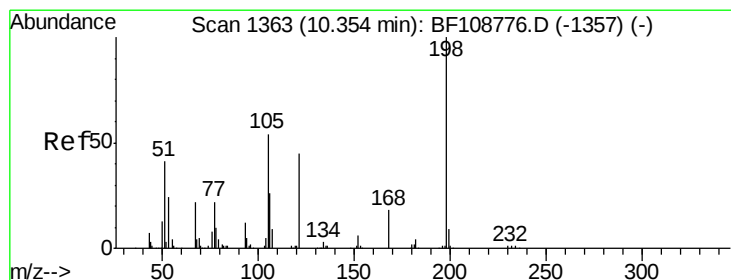
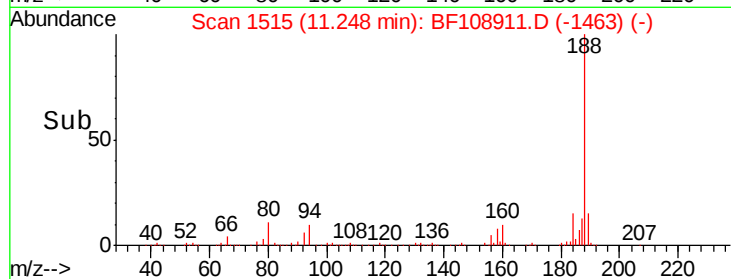
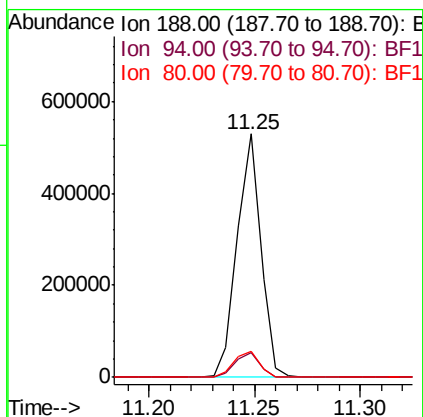
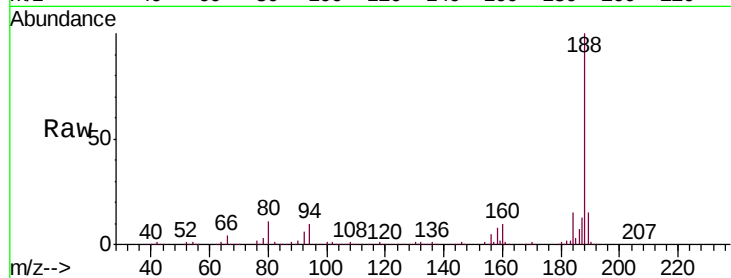




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

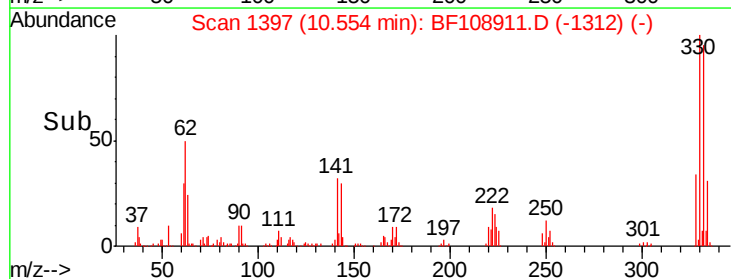
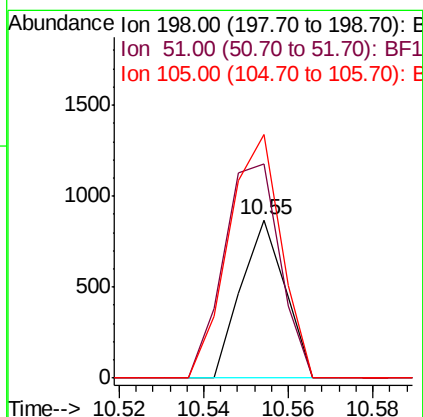
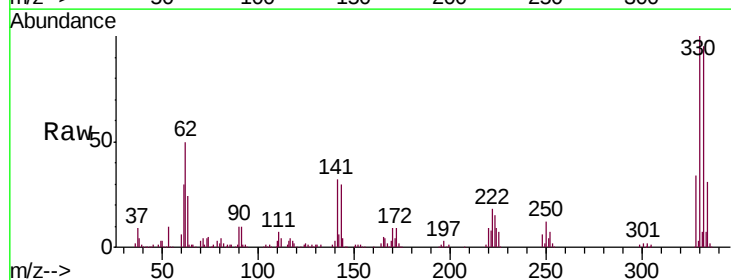
Instrument :
BNA_F
ClientSampleId :
PB112743BL

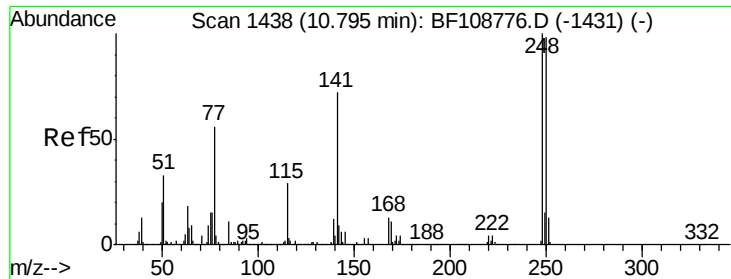
Tgt Ion:188 Resp: 412796
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.200 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Tgt Ion:198 Resp: 629
Ion Ratio Lower Upper
198 100
51 135.2 37.7 77.7#
105 153.8 36.3 76.3#

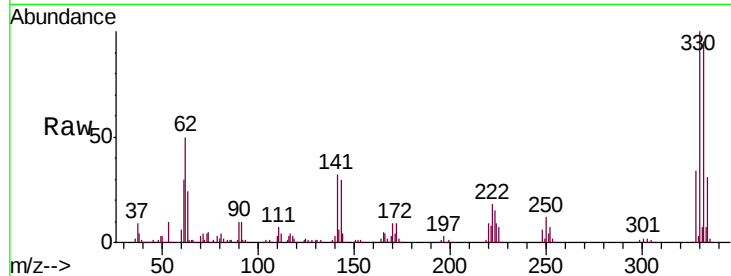




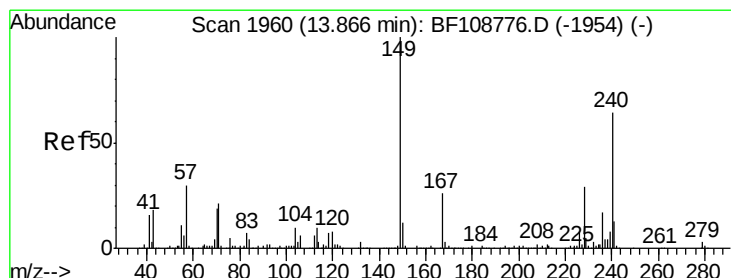
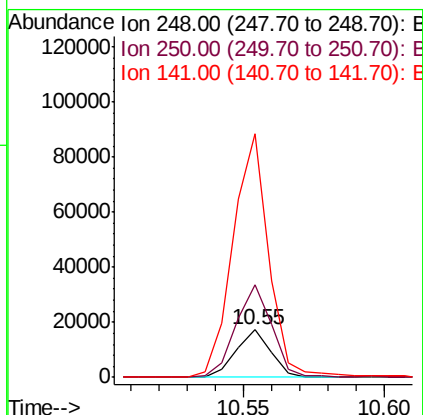
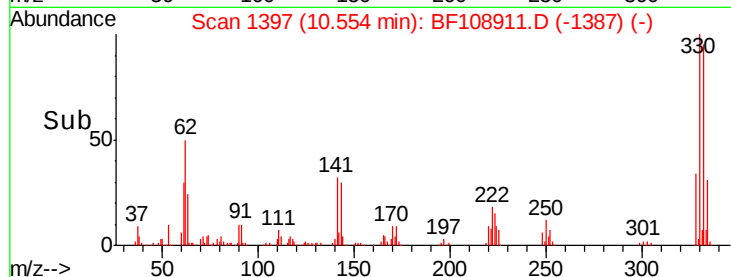
#66
4-Bromophenyl-phenylether
Concen: 3.152 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Instrument :
BNA_F
ClientSampleId :
PB112743BL

Tgt Ion:248 Resp: 14694
Ion Ratio Lower Upper
248 100
250 197.2 76.9 115.3#
141 516.0 74.4 111.6#

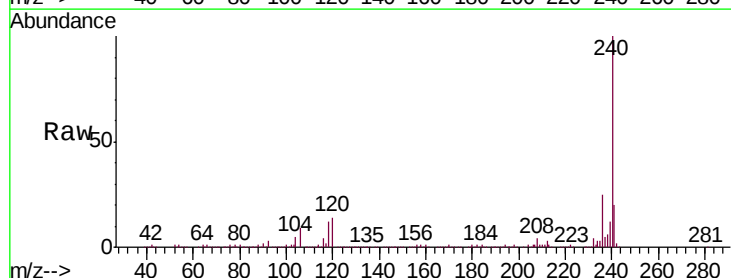


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

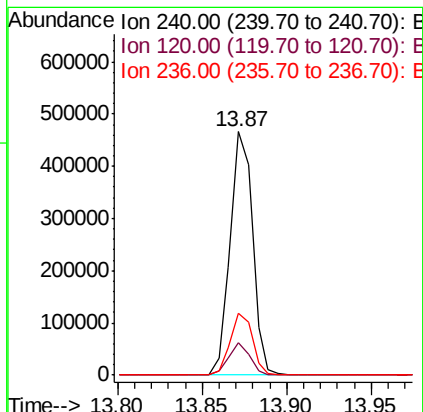
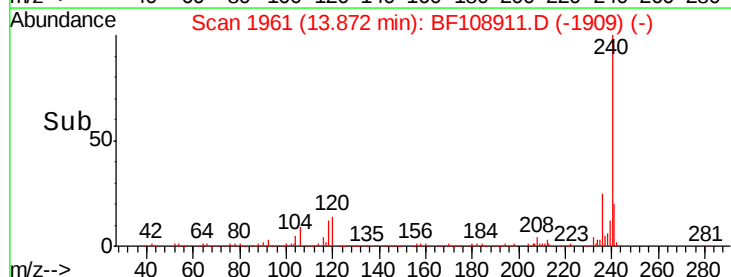


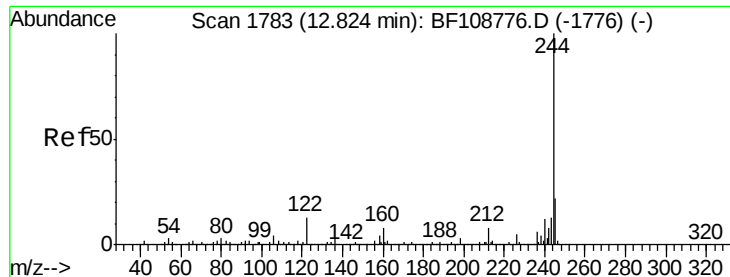
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Tgt Ion:240 Resp: 430490
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.3 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

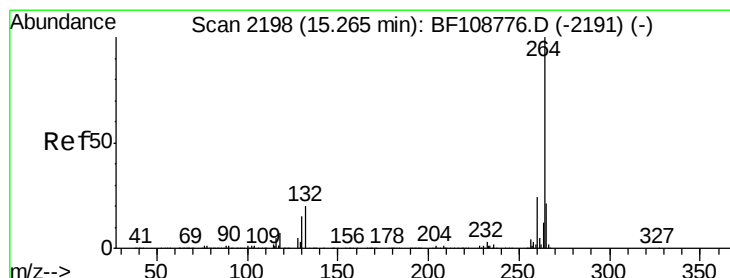
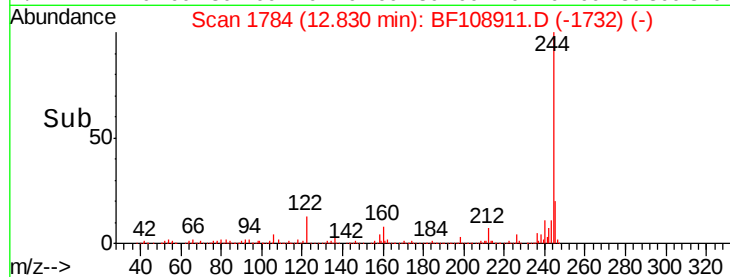
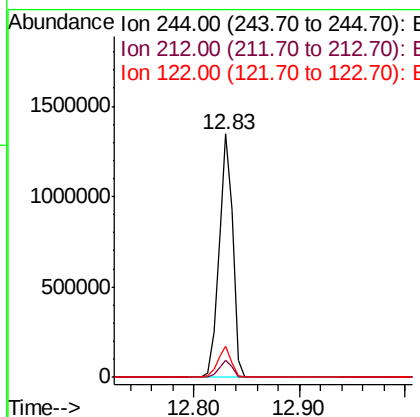
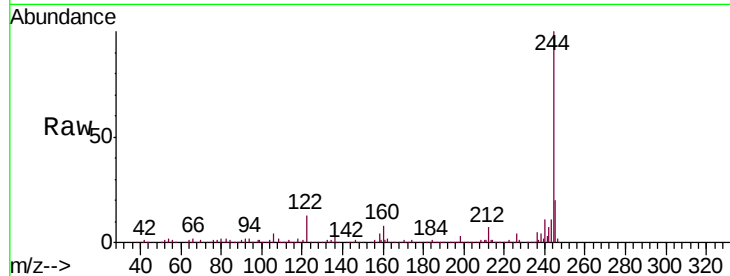




#78
 Terphenyl-d14
 Concen: 66.802 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BL

Tgt Ion:244 Resp: 1233223
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion:264 Resp: 307114
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.5 26.3

