

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109326.D
 Acq On : 26 Sep 2018 9:34
 Operator : JU/SJ
 Sample : J5052-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 11:47:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121370	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	441382	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	187254	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	302024	20.00	ng	0.00
75) Chrysene-d12	13.84	240	269778	20.00	ng	0.00
86) Perylene-d12	15.24	264	194675	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	329766	44.75	ng	0.00
7) Phenol-d6	6.34	99	260279	27.68	ng	-0.02
23) Nitrobenzene-d5	7.27	82	803408	107.45	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	167715	90.86	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1280338	103.12	ng	0.00
78) Terphenyl-d14	12.80	244	1094239	99.54	ng	0.00

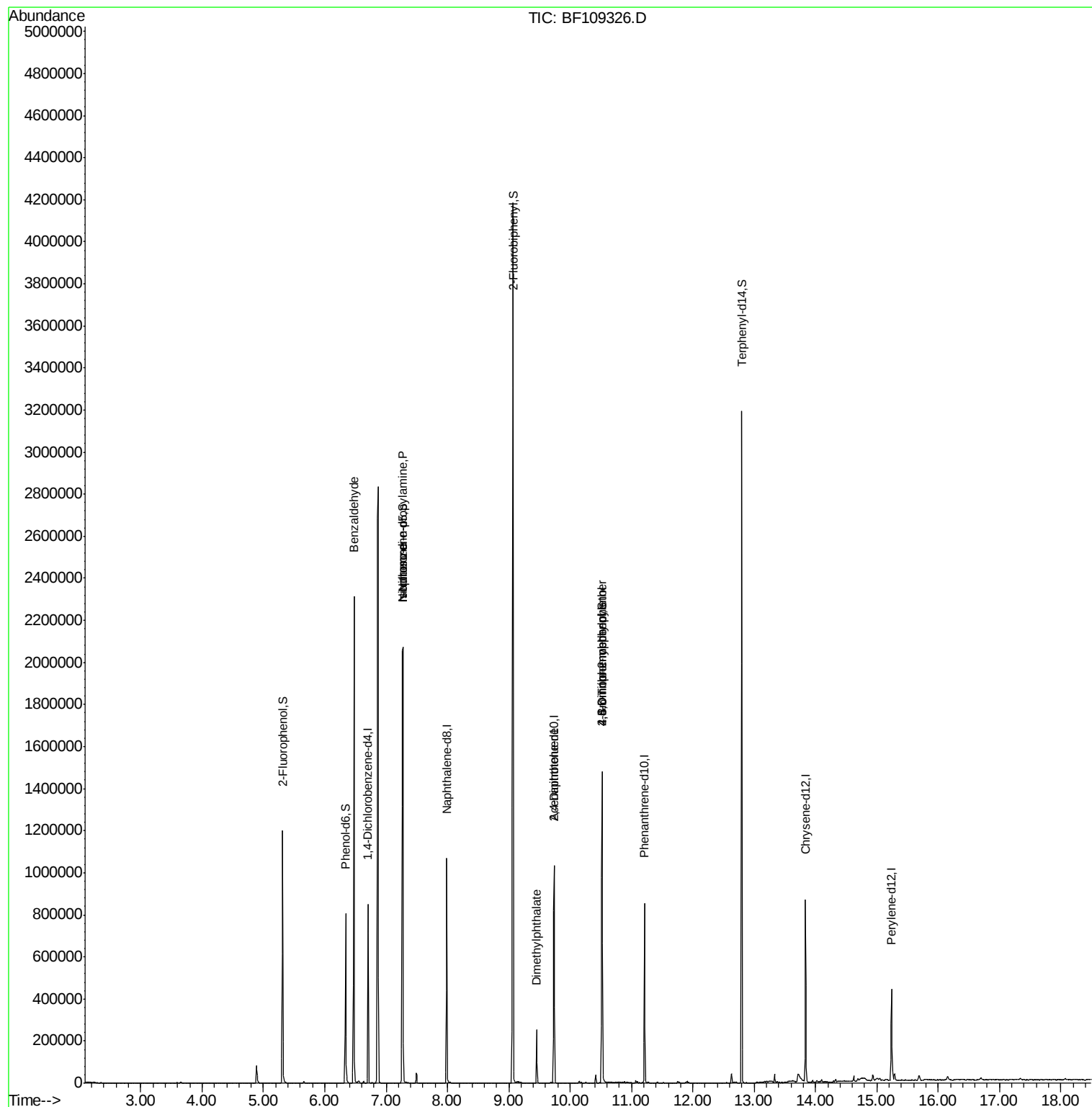
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	14196	2.350	ng	# 71
19) n-Nitroso-di-n-propylamine	7.27	70	109135	17.713	ng	# 79
25) Isophorone	7.27	82	777685	57.759	ng	# 64
49) Dimethylphthalate	9.46	163	96534	7.088	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	24114	7.065	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	305	6.738	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10529	3.139	ng	# 1

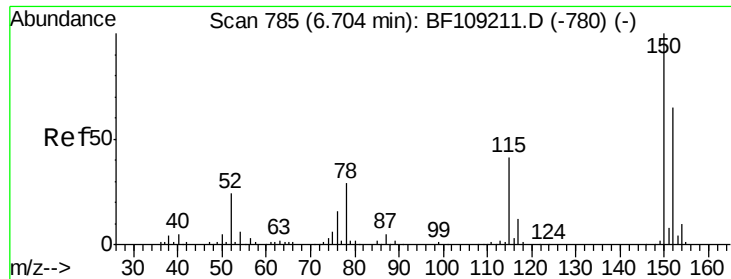
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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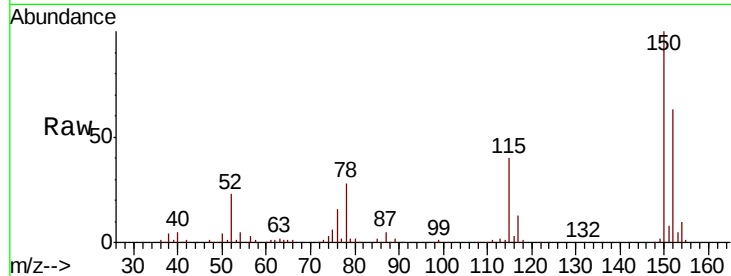


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.3	50.1	75.1

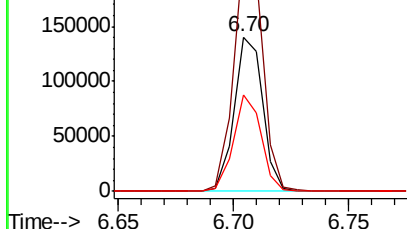
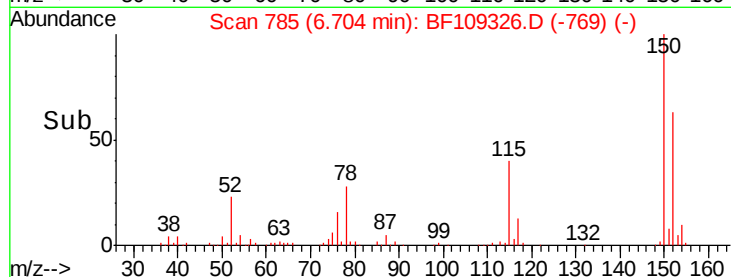


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

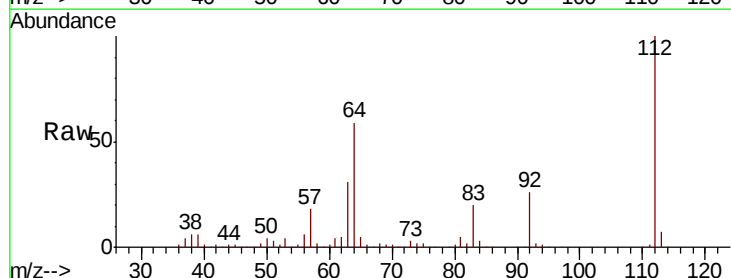
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.752 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	31.1	23.7	35.5

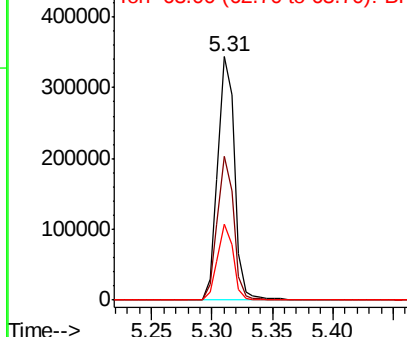
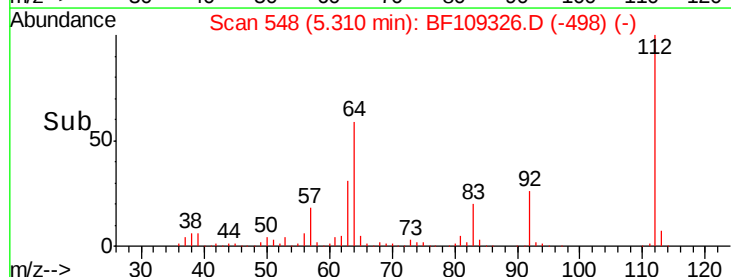


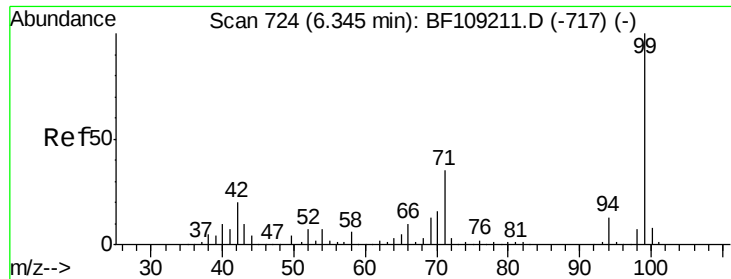
Abundance

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: 27.681 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109326.D

Acq: 26 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

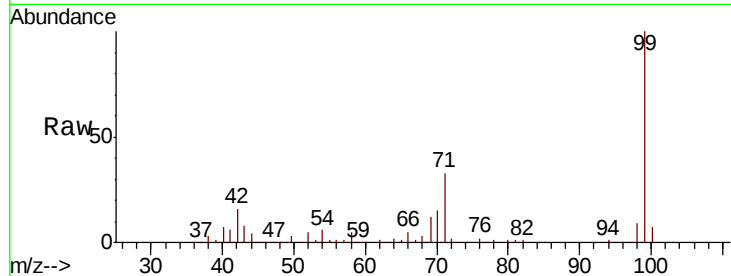
Tot Ion: 99 Resp: 260279

Ion Ratio Lower Upper

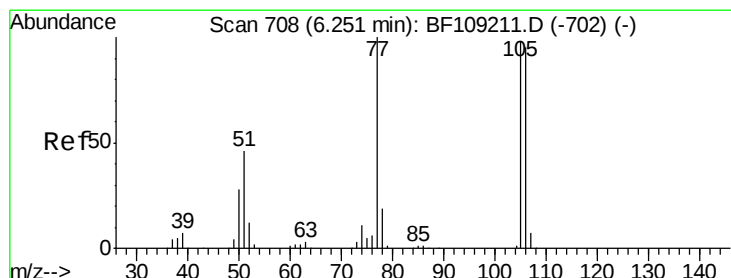
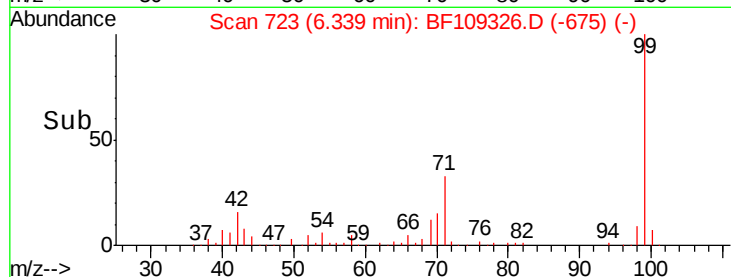
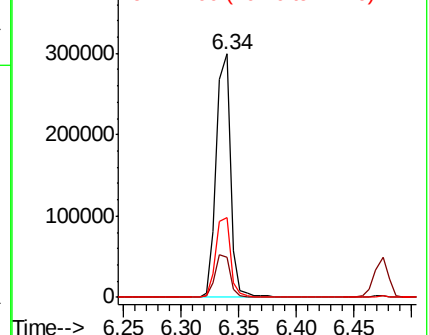
99 100

42 16.4 14.5 21.7

71 32.8 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



#9

Benzaldehyde

Concen: 2.350 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109326.D

Acq: 26 Sep 2018 9:34

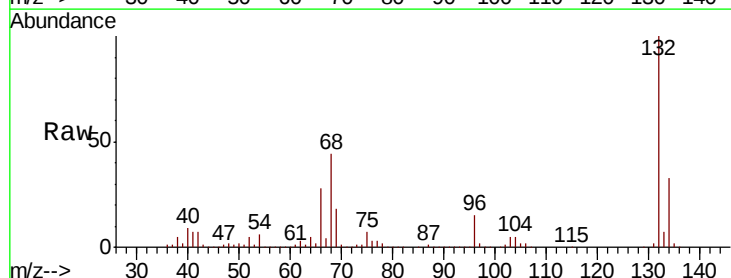
Tgt Ion: 77 Resp: 14196

Ion Ratio Lower Upper

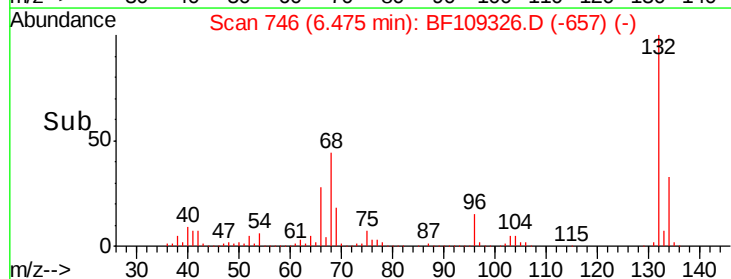
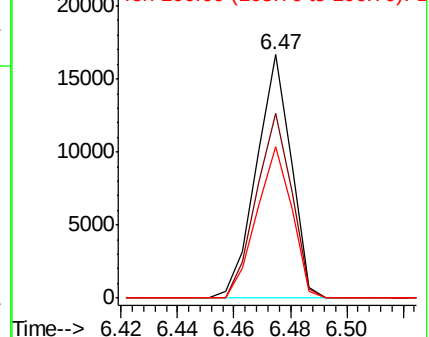
77 100

105 75.9 81.1 121.1#

106 62.1 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

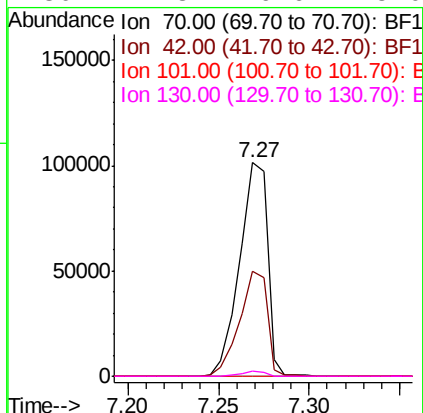
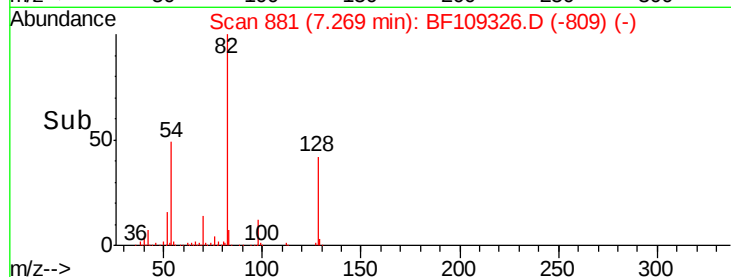
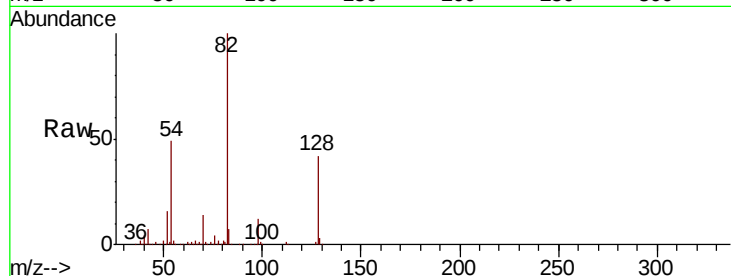




#19
n-Nitroso-di-n-propylamine
Concen: 17.713 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

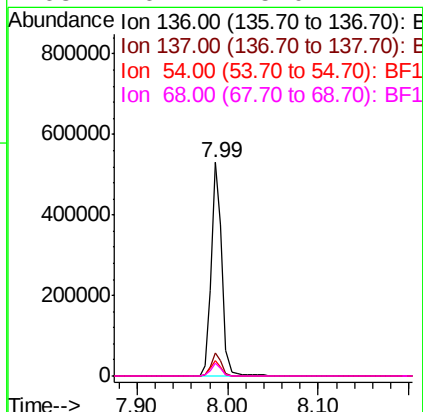
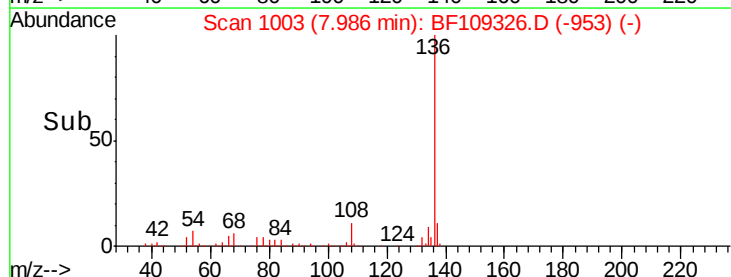
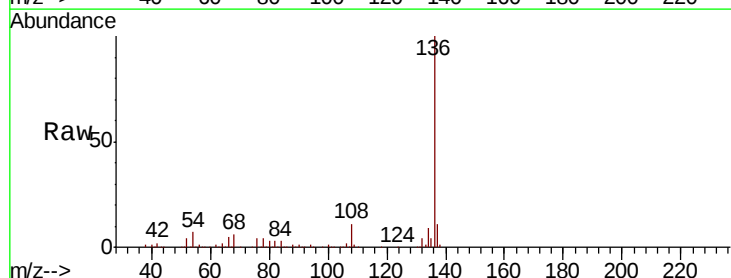
Instrument :
BNA_F
ClientSampleId :

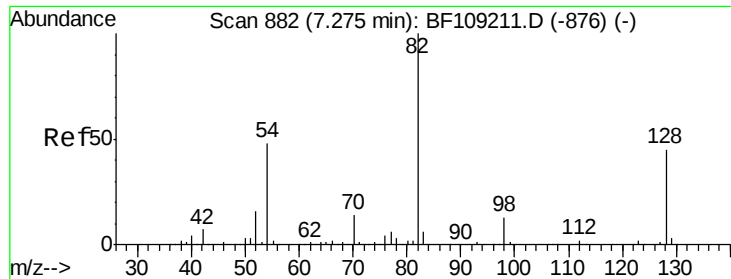
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

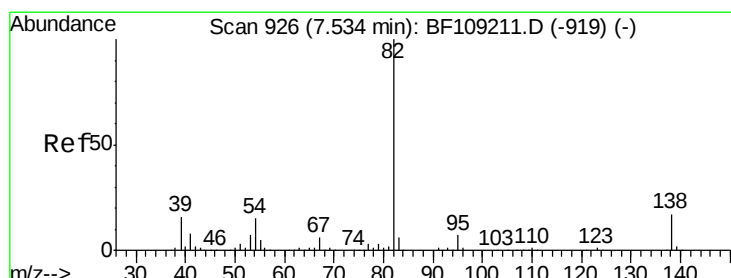
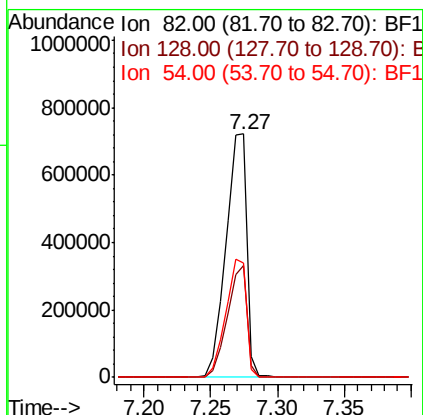
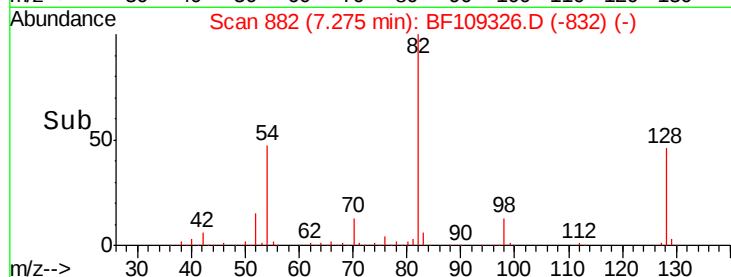
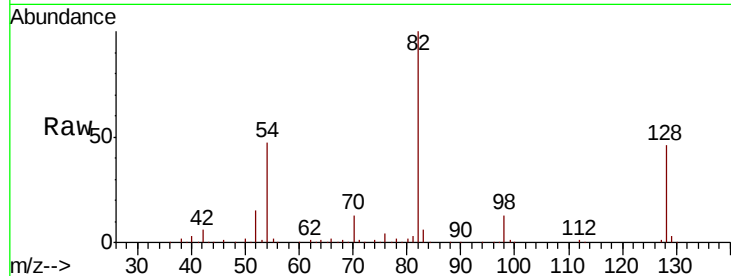




#23
Nitrobenzene-d5
Concen: 107.450 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

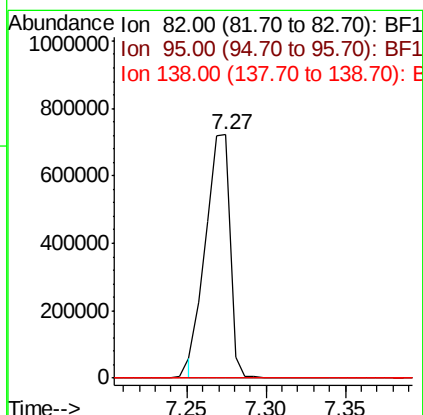
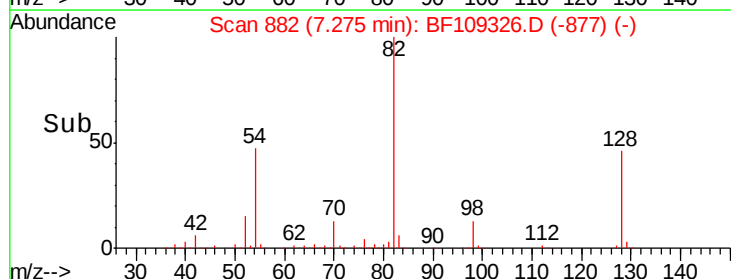
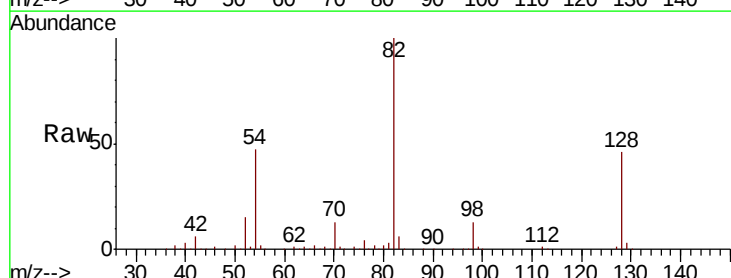
Instrument :
BNA_F
ClientSampled :

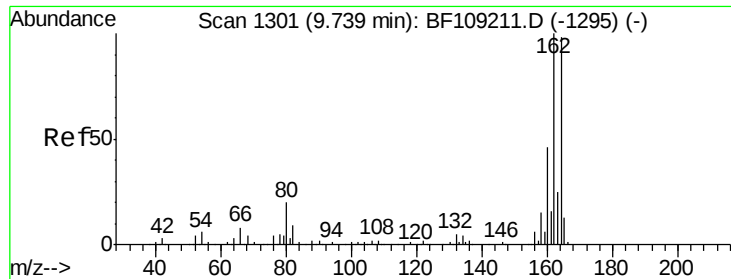
Tot Ion	82	Resp	803408
Ion Ratio	100	Lower	Upper
128	46.0	36.1	54.1
54	46.8	41.4	62.2



#25
Isophorone
Concen: 57.759 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion	82	Resp	777685
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

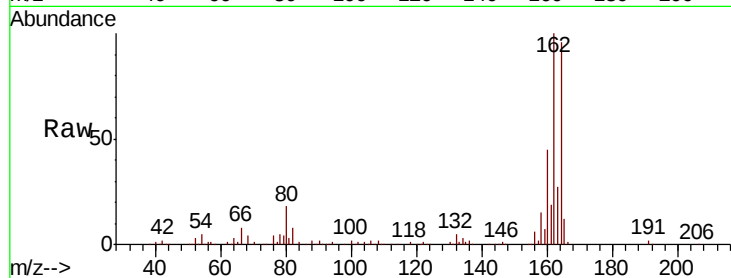




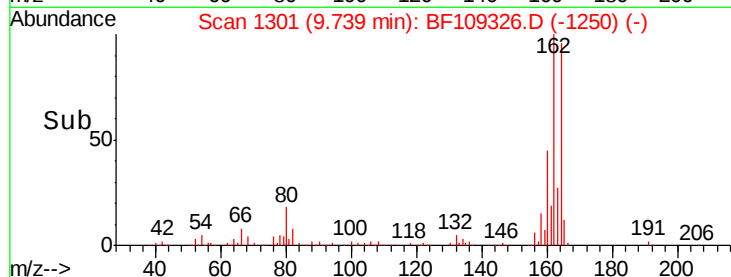
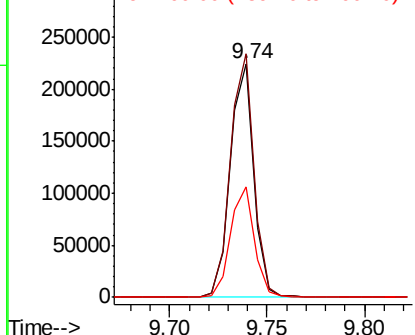
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 187254
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 47.1 38.3 57.5

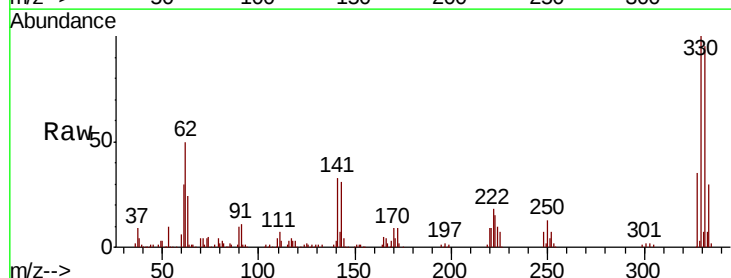


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

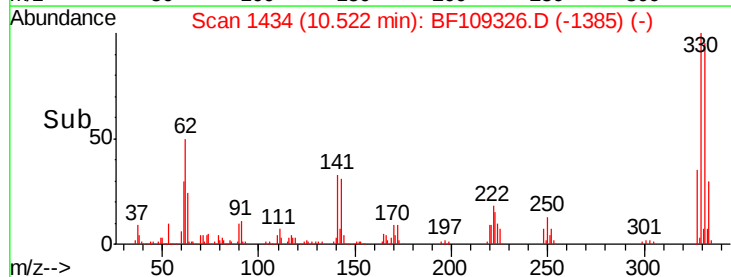
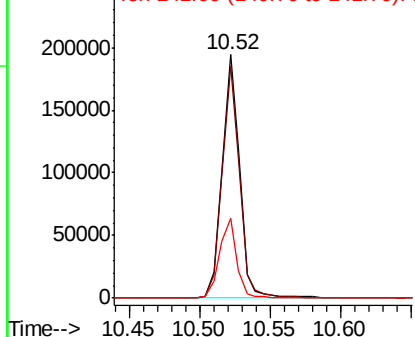


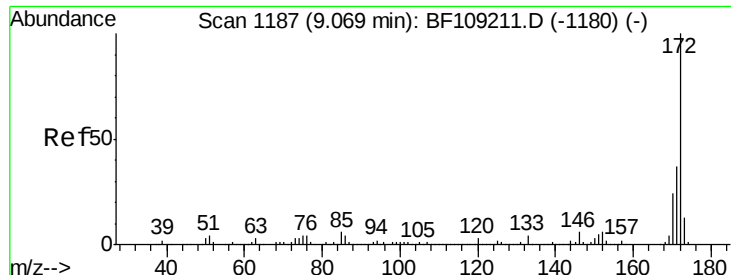
#41
 2,4,6-Tribromophenol
 Concen: 90.856 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Tgt Ion:330 Resp: 167715
 Ion Ratio Lower Upper
 330 100
 332 95.3 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



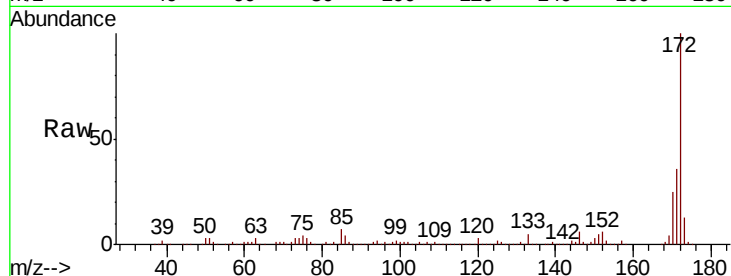


#44
 2-Fluorobiphenyl
 Concen: 103.122 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

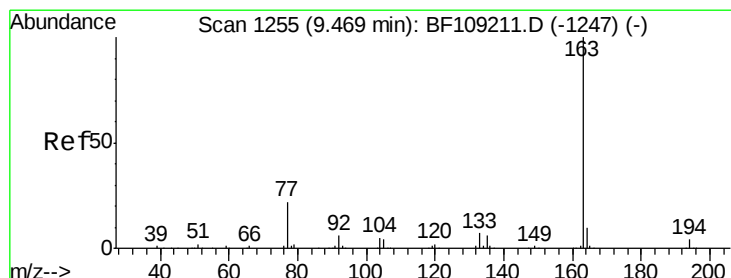
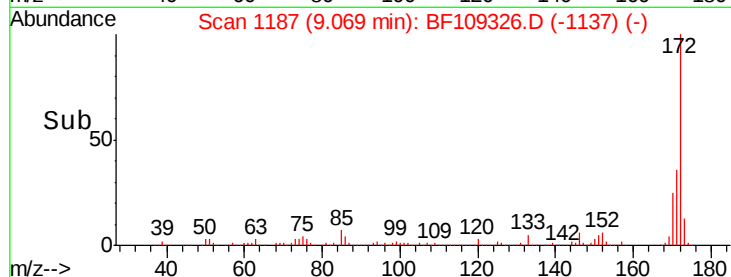
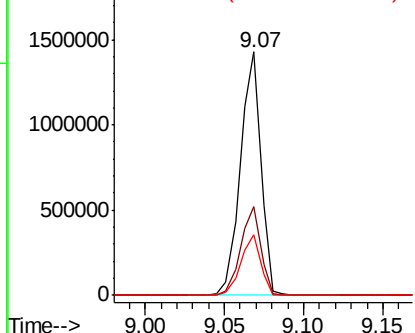
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1280338

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.1	19.6	29.4



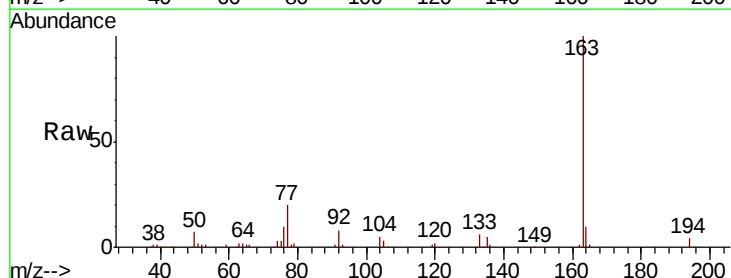
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



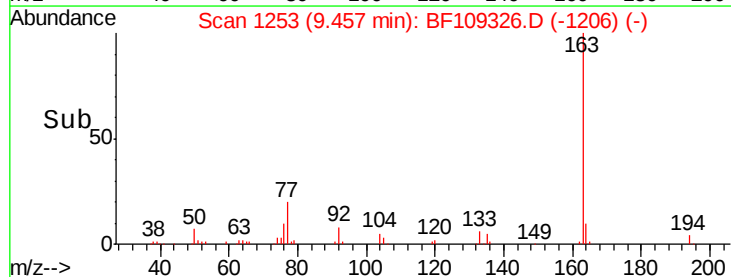
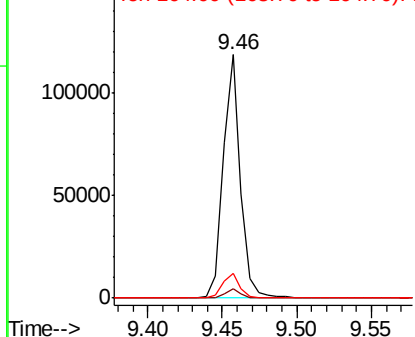
#49
 Dimethylphthalate
 Concen: 7.088 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

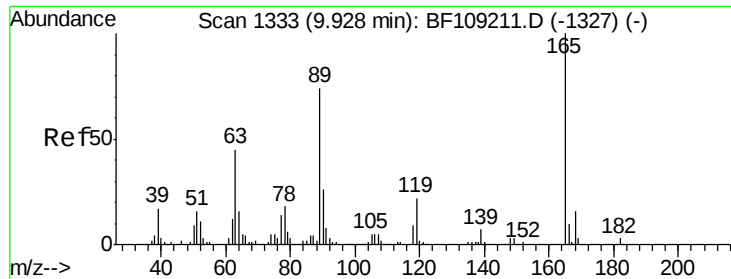
Tgt Ion:163 Resp: 96534

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	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

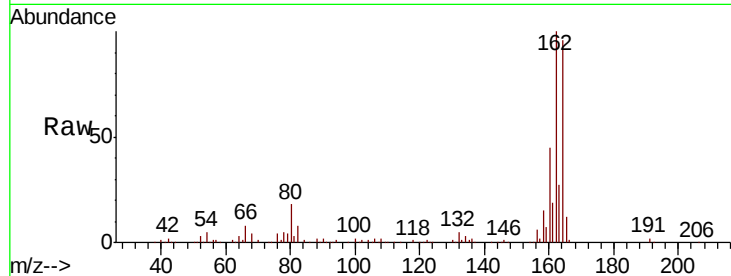




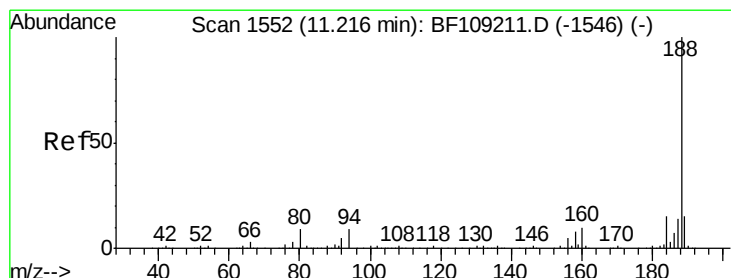
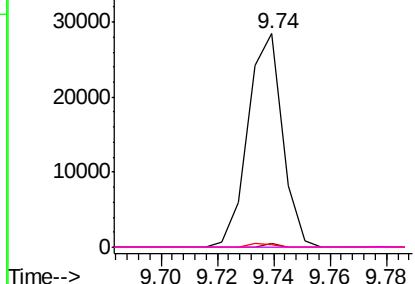
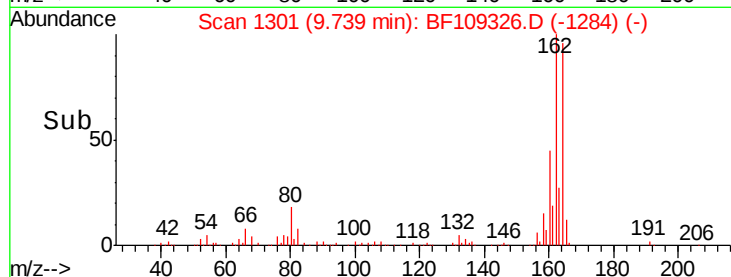
#56
 2,4-Dinitrotoluene
 Concen: 7.065 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24114
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

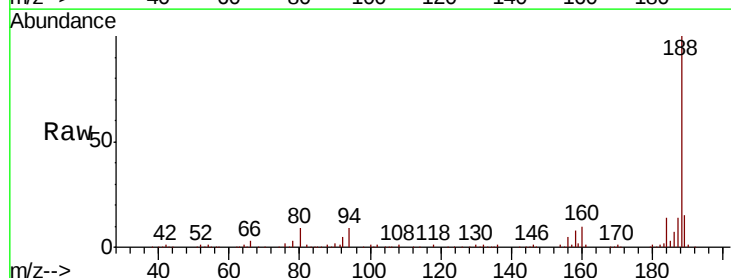


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

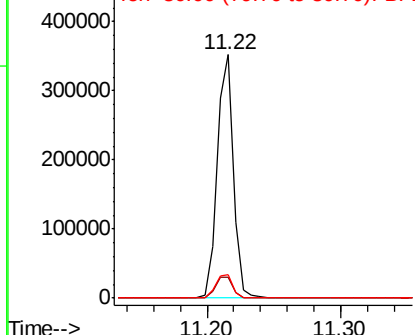
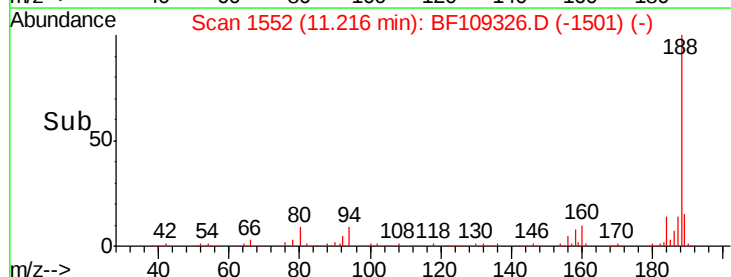


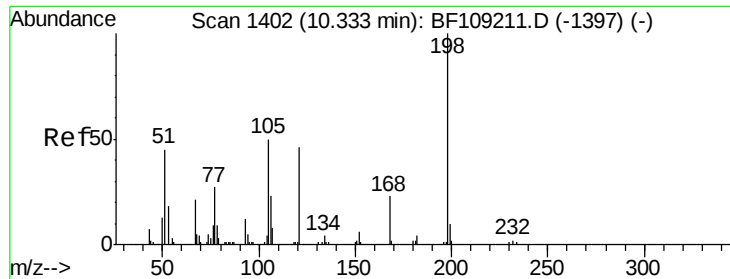
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Tgt Ion:188 Resp: 302024
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.5 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

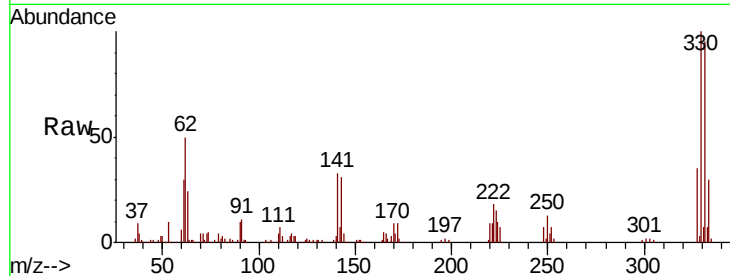




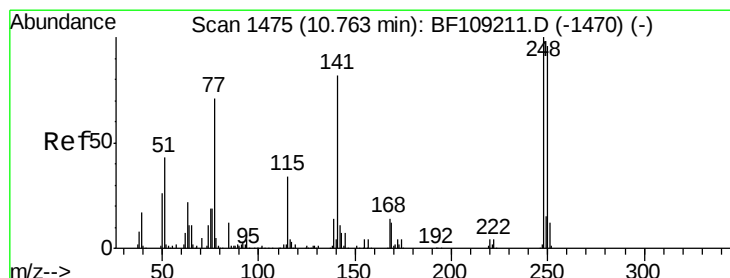
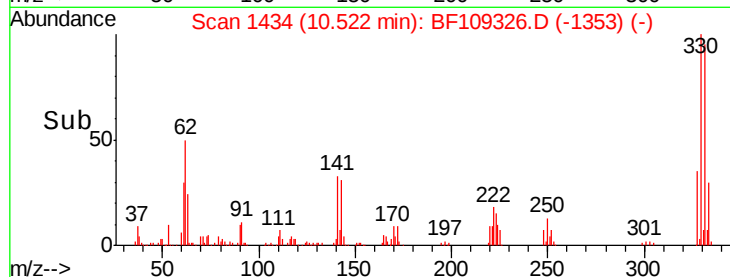
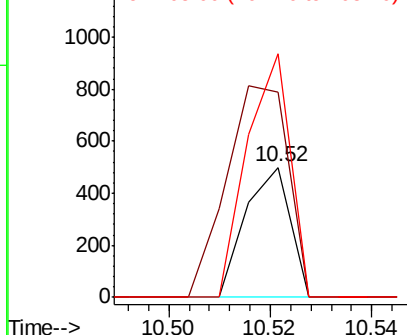
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.738 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 305
 Ion Ratio Lower Upper
 198 100
 51 157.6 37.7 77.7#
 105 187.2 36.3 76.3#

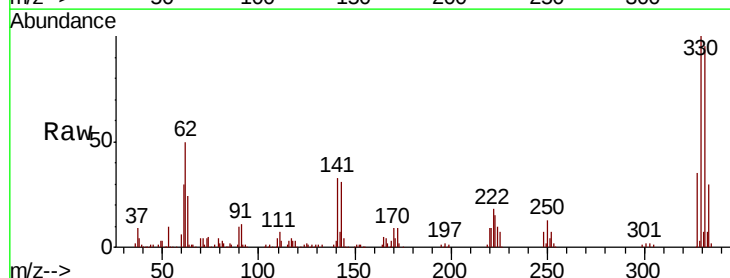


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

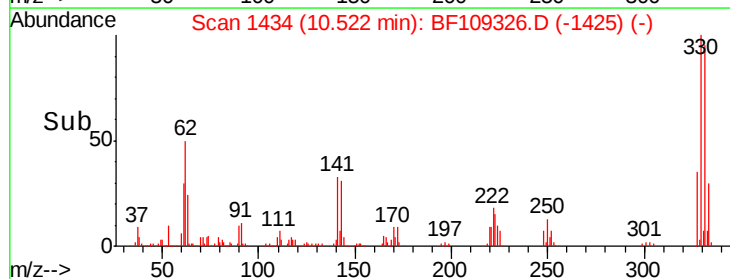
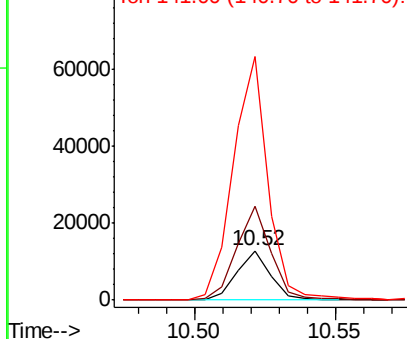


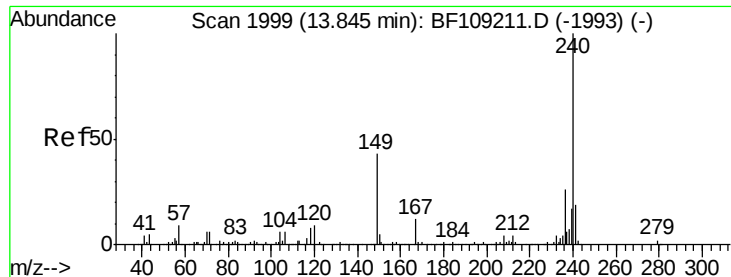
#66
 4-Bromophenyl-phenylether
 Concen: 3.139 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Tgt Ion:248 Resp: 10529
 Ion Ratio Lower Upper
 248 100
 250 190.4 76.9 115.3#
 141 496.5 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109326.D

Acq: 26 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

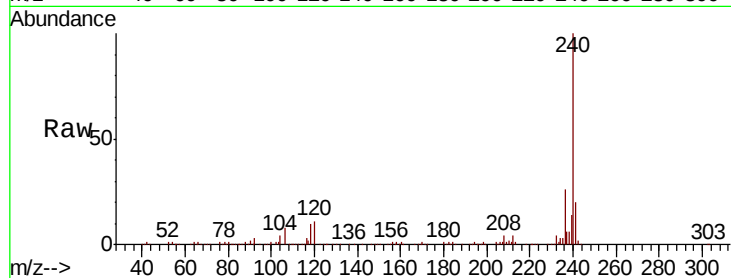
Tot Ion:240 Resp: 269778

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

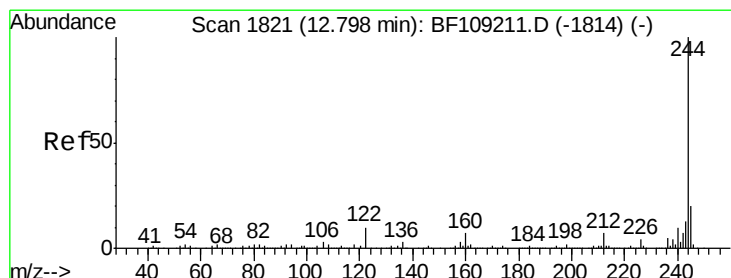
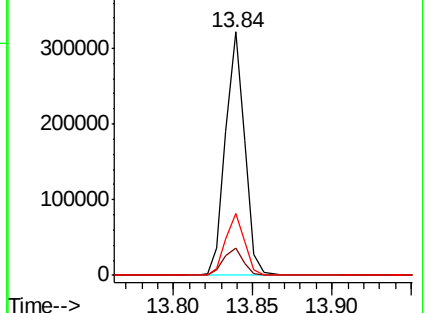
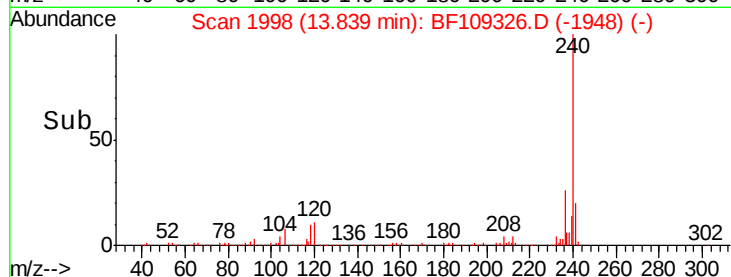
236 25.5 20.7 31.1



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: 99.543 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109326.D

Acq: 26 Sep 2018 9:34

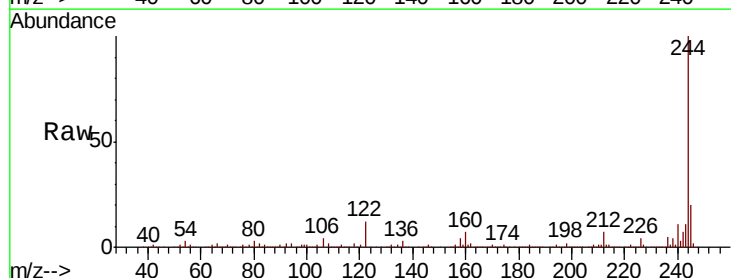
Tgt Ion:244 Resp: 1094239

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

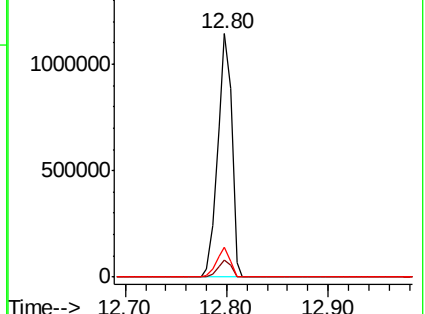
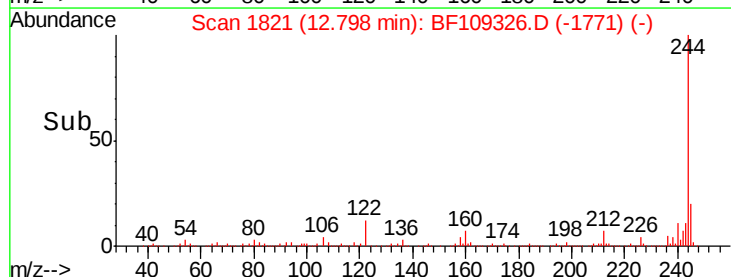
122 12.1 11.0 16.4

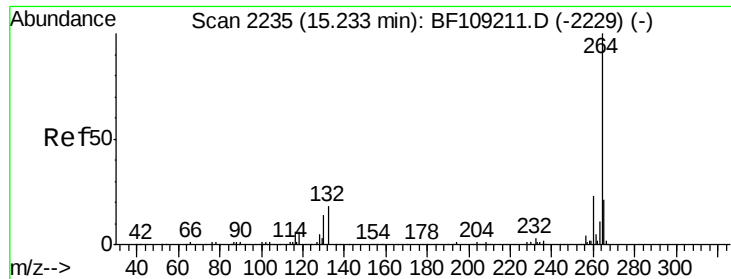


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109326.D
 Acq: 26 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3

