

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109332.D
 Acq On : 26 Sep 2018 13:25
 Operator : JU/SJ
 Sample : J5057-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 14:08:03 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	112369	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	433257	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	207473	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	414857	20.00	ng	0.00
75) Chrysene-d12	13.84	240	312576	20.00	ng	0.00
86) Perylene-d12	15.24	264	313497	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	682553	100.05	ng	0.00
7) Phenol-d6	6.35	99	888173	102.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	562270	76.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	239373	117.04	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	903302	65.66	ng	-0.01
78) Terphenyl-d14	12.80	244	907204	71.23	ng	0.00

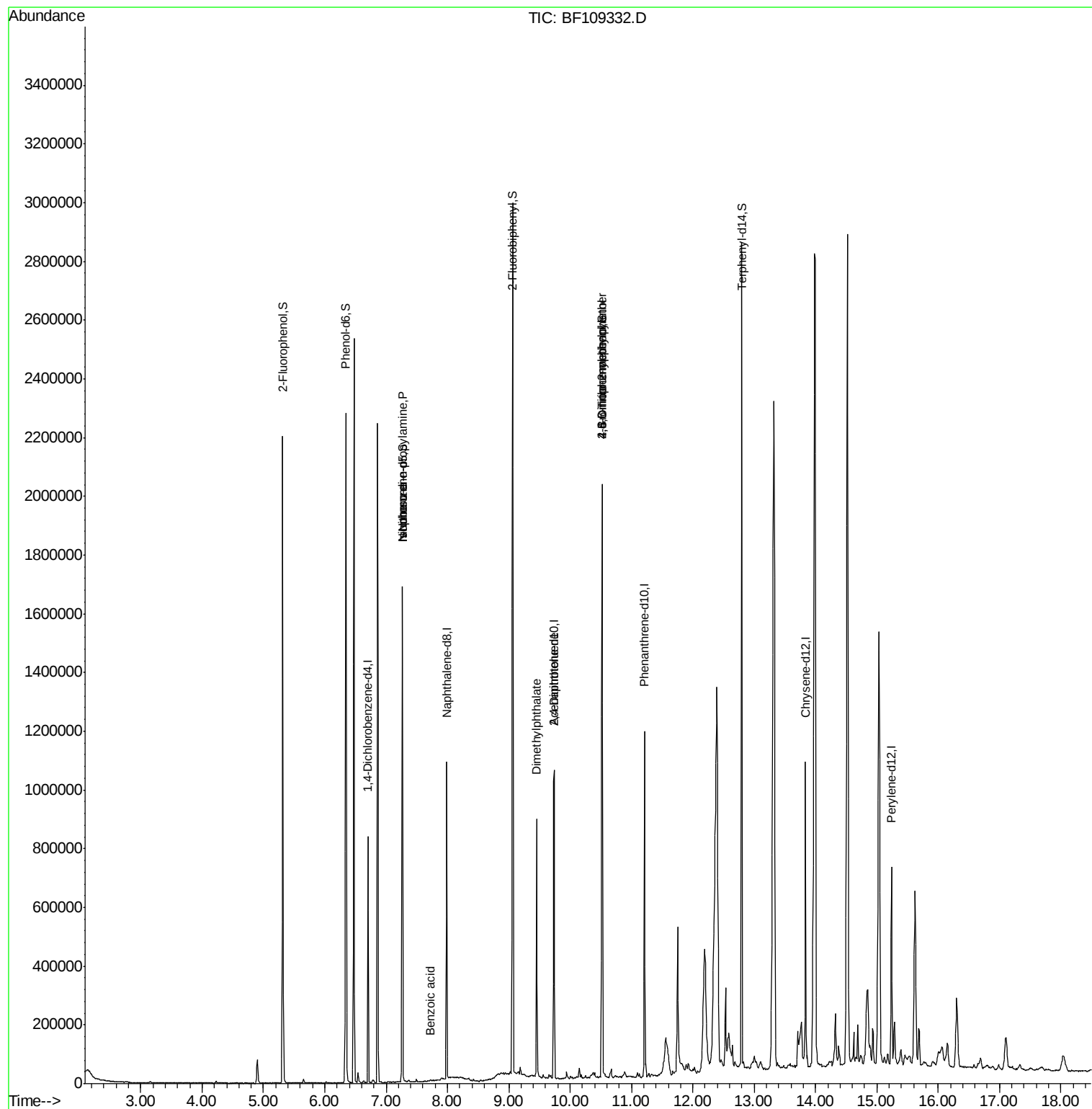
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	76222	13.362	ng	# 75
25) Isophorone	7.27	82	525152	39.735	ng	# 64
32) Benzoic acid	7.71	122	114	6.822	ng	# 73
49) Dimethylphthalate	9.46	163	297625	19.723	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	27010	7.143	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	504	6.782	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	14596	3.168	ng	# 1

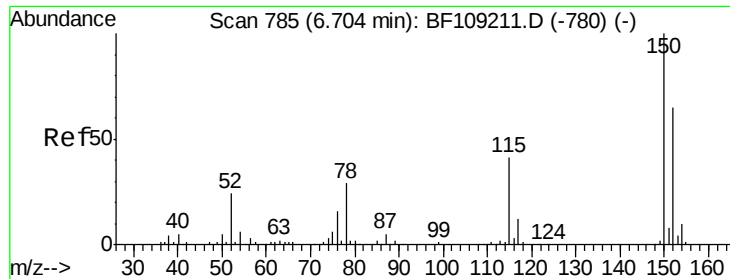
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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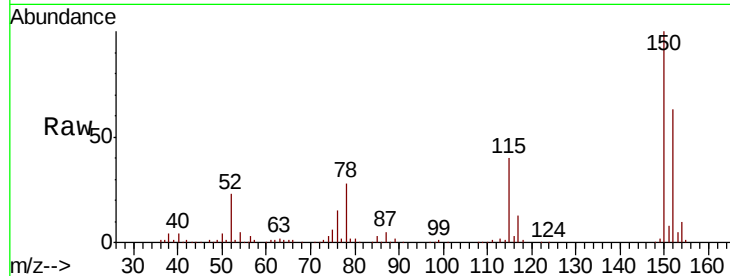


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.7	50.1	75.1

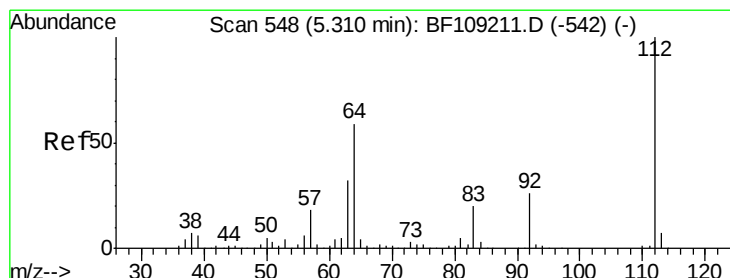
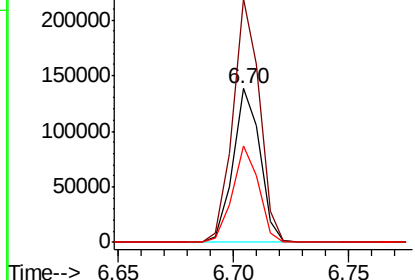
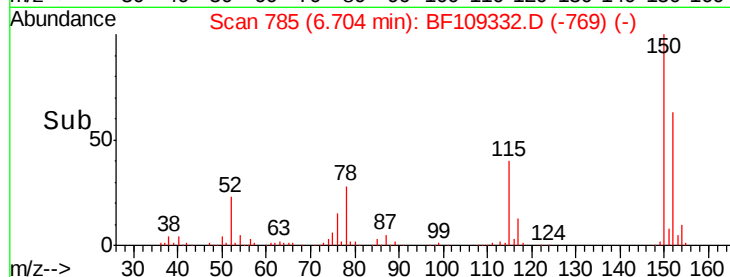


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

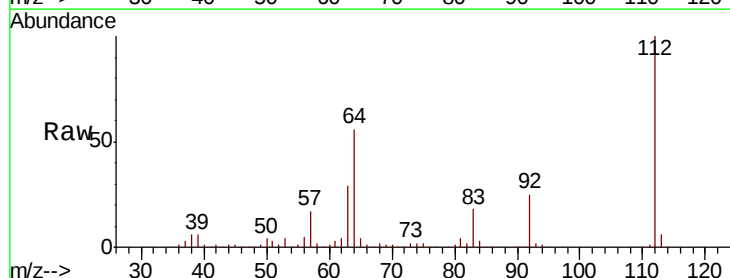
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.047 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	29.1	23.7	35.5

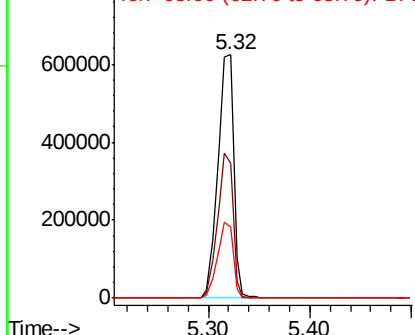
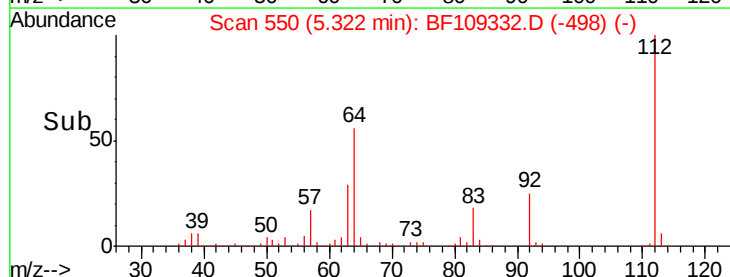


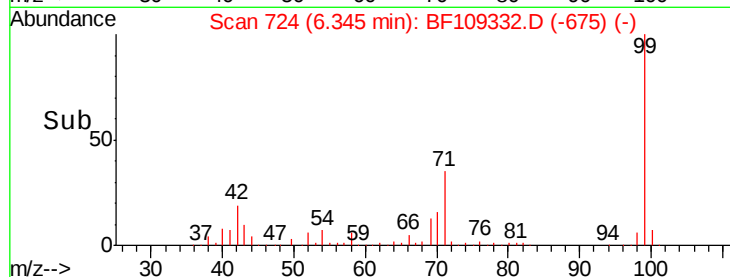
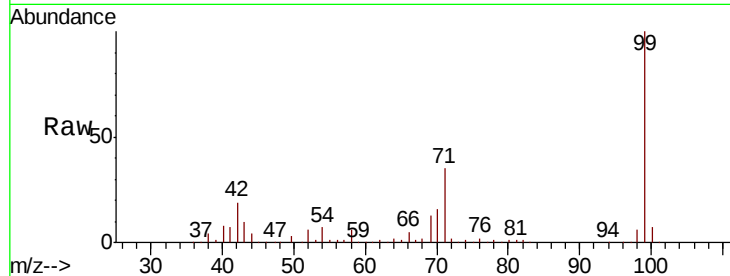
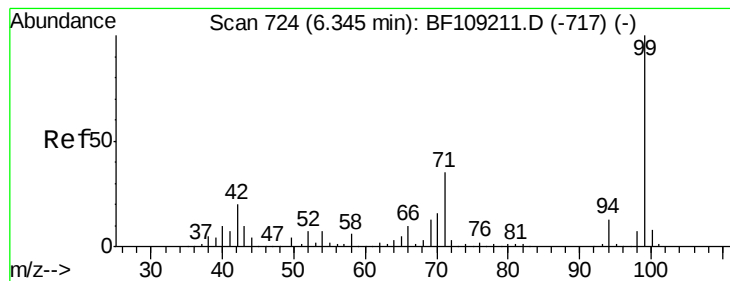
Abundance

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: 102.024 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

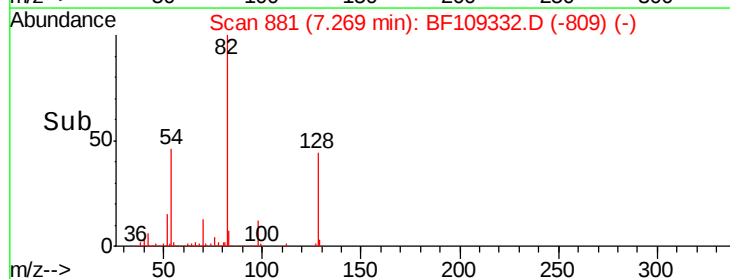
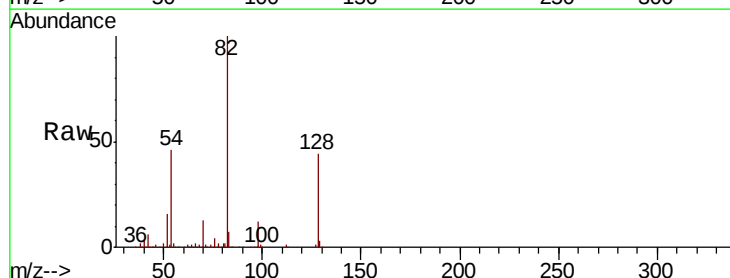
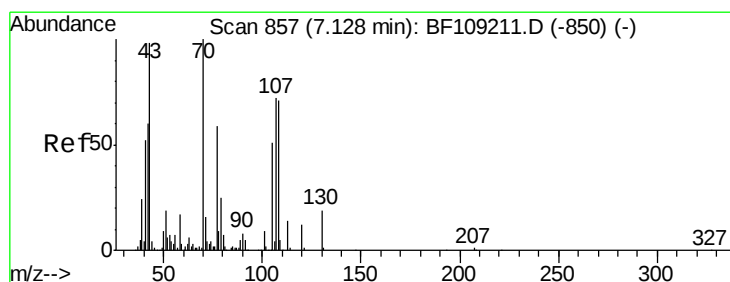
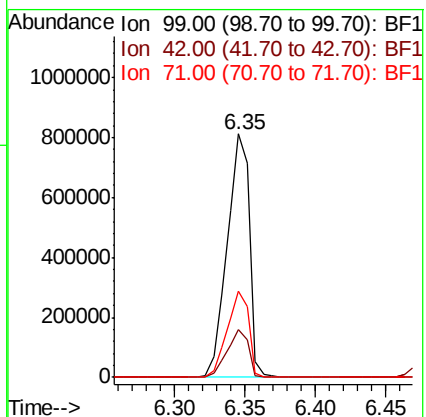
Tot Ion: 99 Resp: 888173

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 35.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.362 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Tgt Ion: 70 Resp: 76222

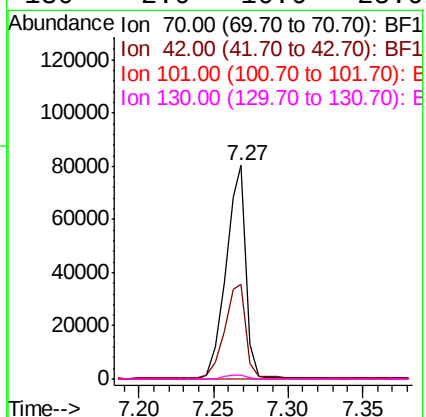
Ion Ratio Lower Upper

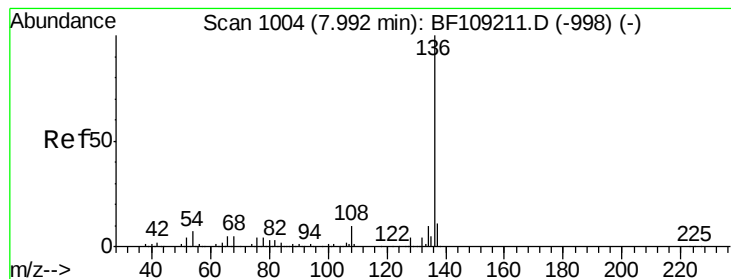
70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433257

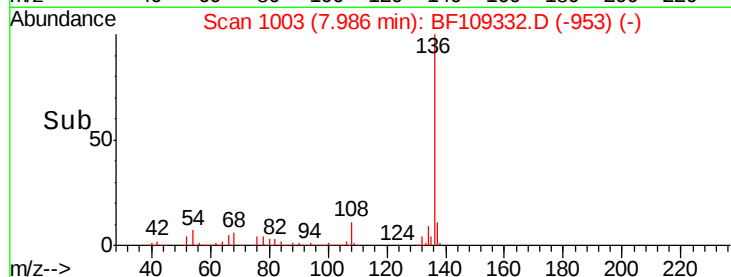
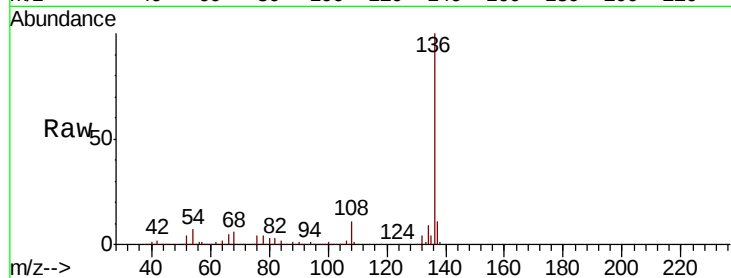
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

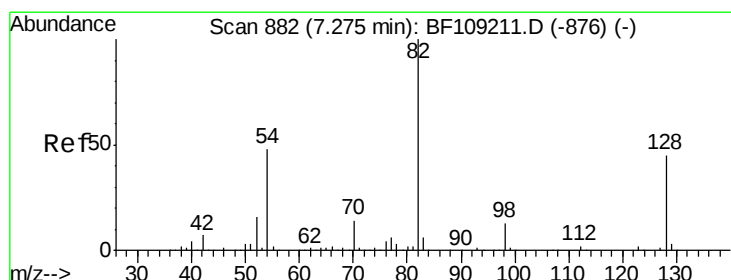
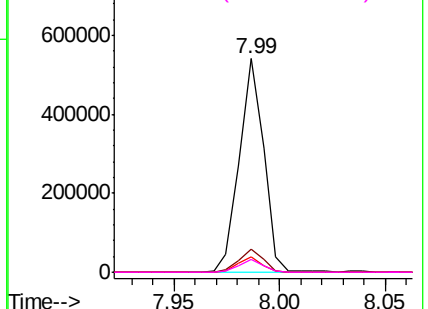


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.610 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

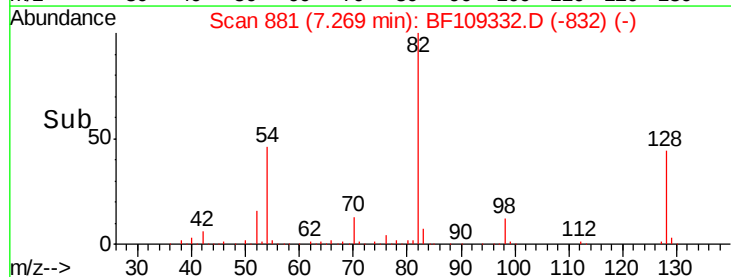
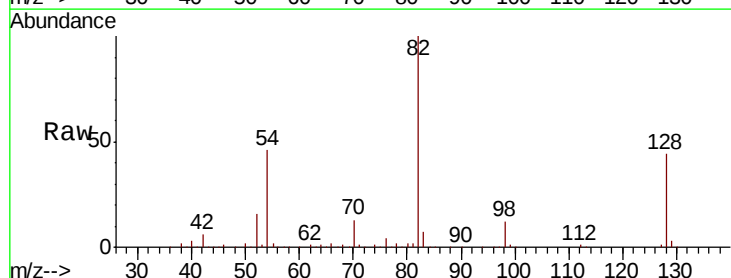
Tgt Ion: 82 Resp: 562270

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

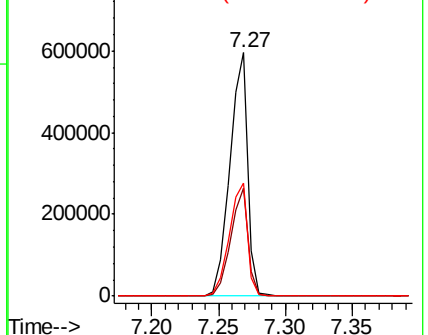
54 46.4 41.4 62.2

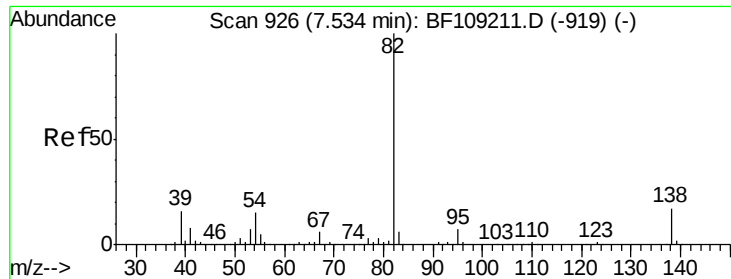


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

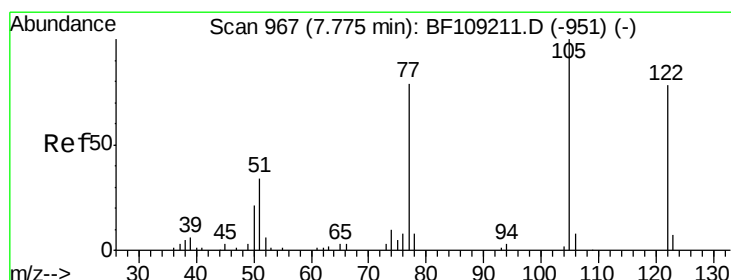
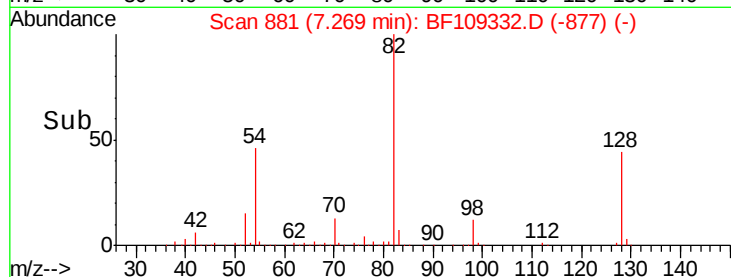
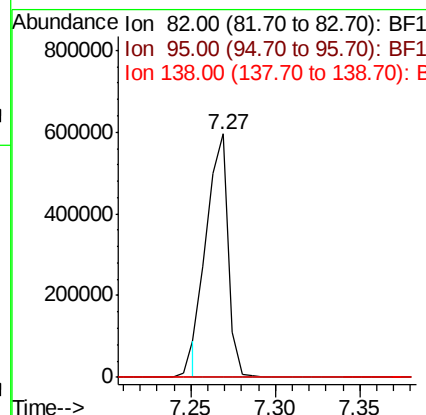
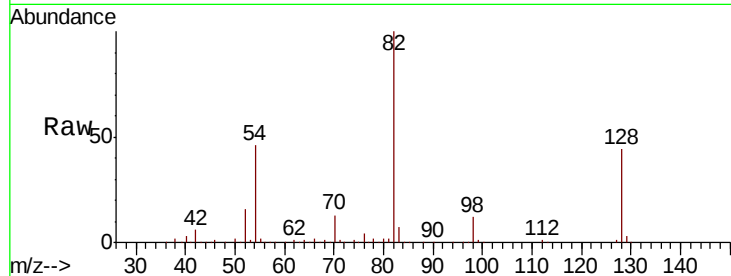




#25
Isophorone
Concen: 39.735 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

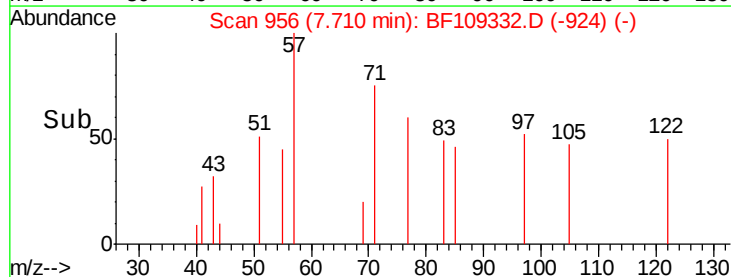
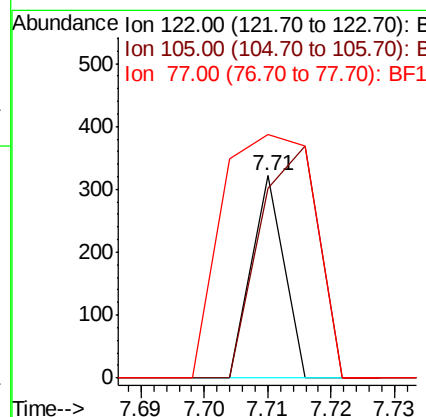
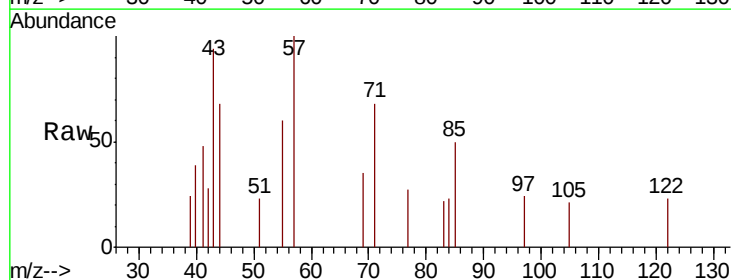
Instrument :
BNA_F
ClientSampleId :

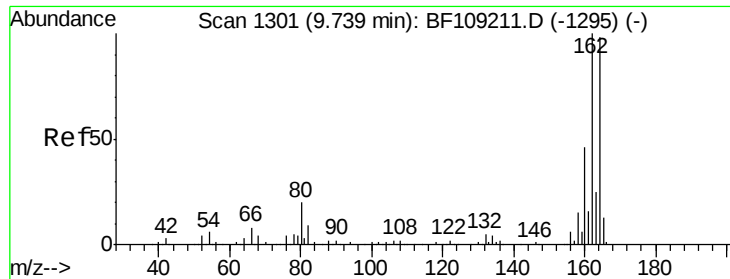
Tot Ion: 82 Resp: 525152
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 6.822 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.11 min
Lab File: BF109332.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
105 93.5 101.1 141.1#
77 120.2 70.7 110.7#

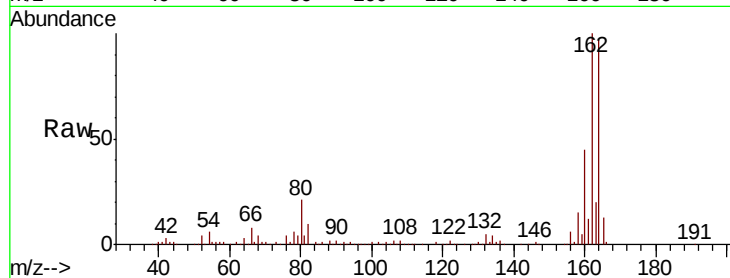




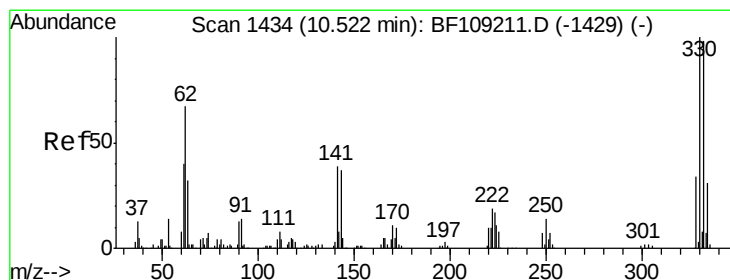
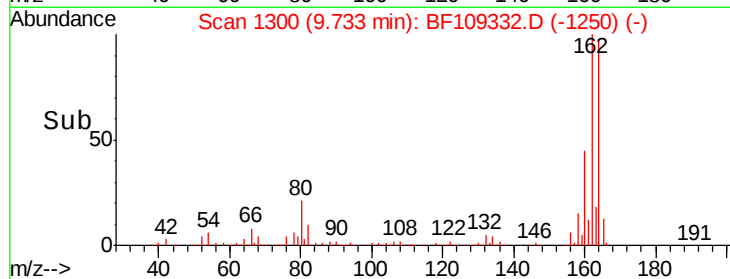
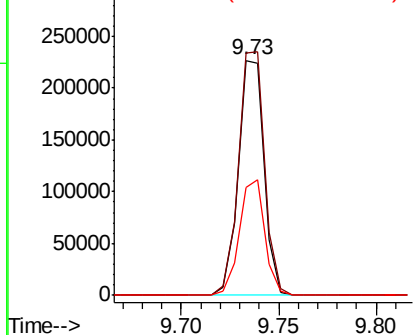
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.2	38.3	57.5

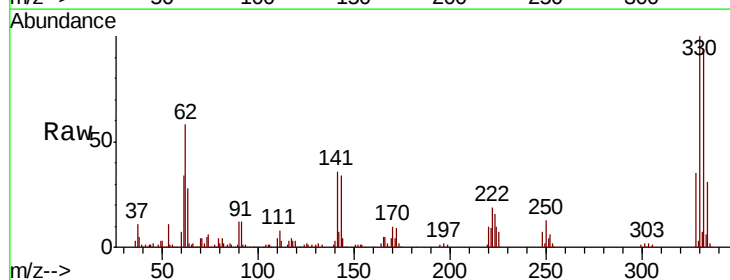


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

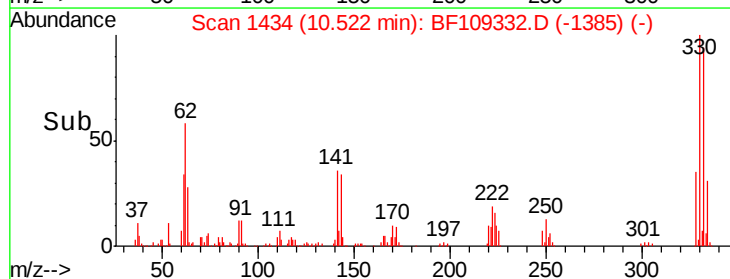
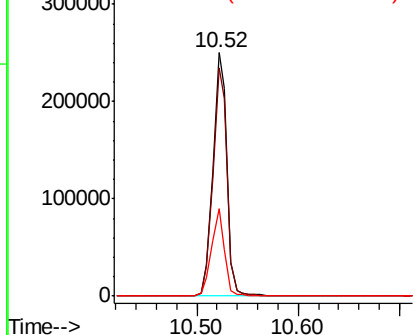


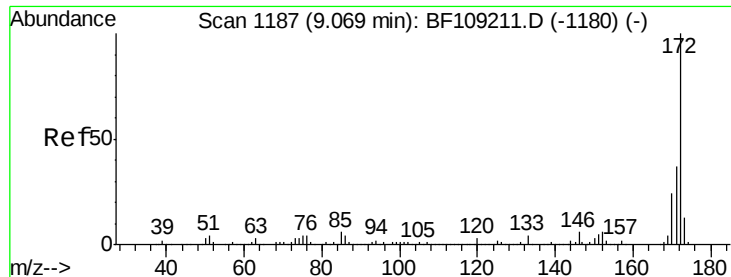
#41
 2,4,6-Tribromophenol
 Concen: 117.038 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.7	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: 65.664 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampled :

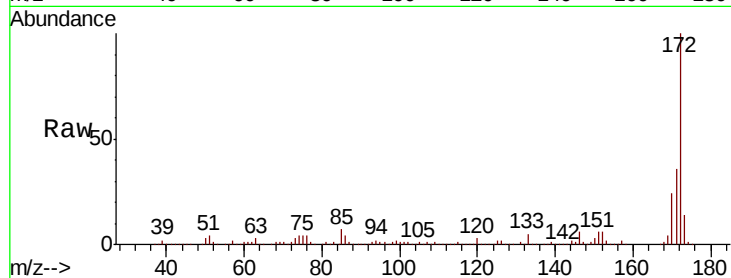
Tot Ion:172 Resp: 903302

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

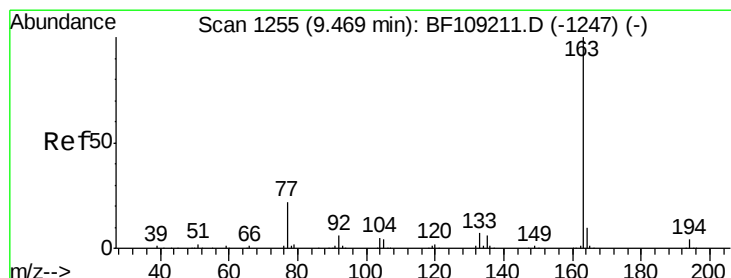
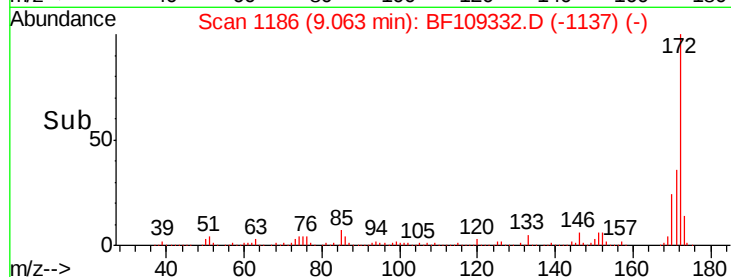
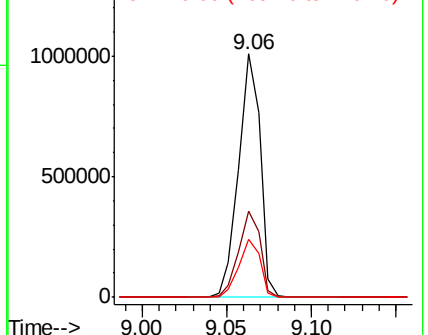
170 23.8 19.6 29.4



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: 19.723 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

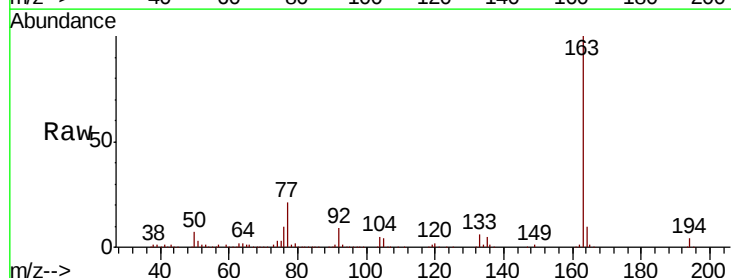
Tgt Ion:163 Resp: 297625

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

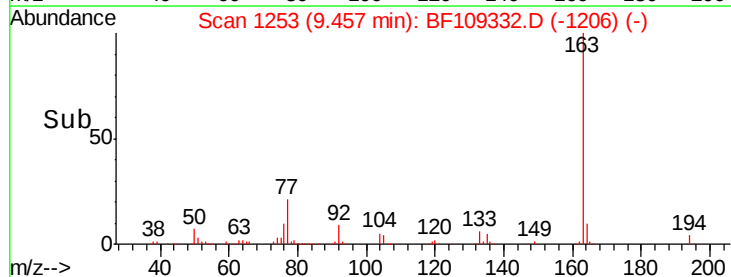
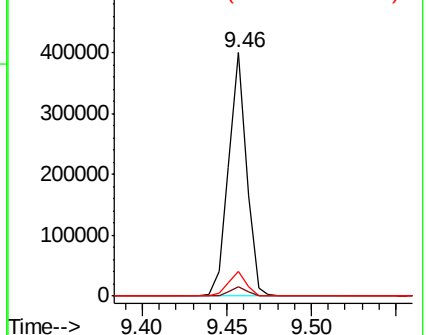
164 10.1 8.2 12.2

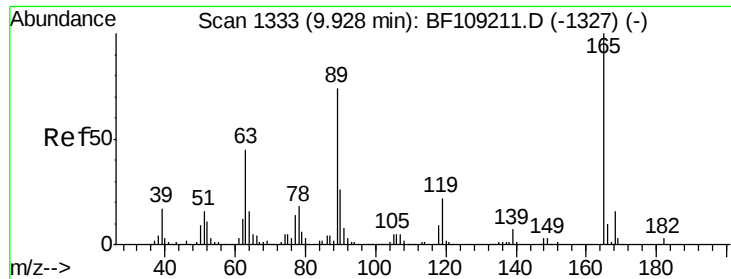


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

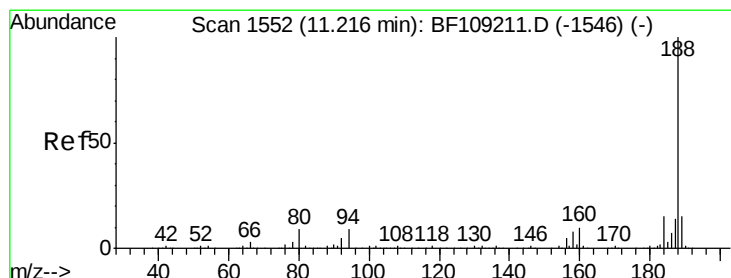
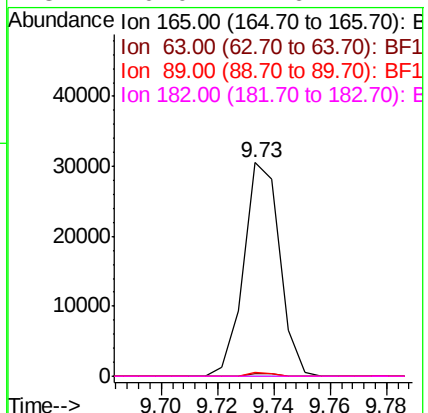
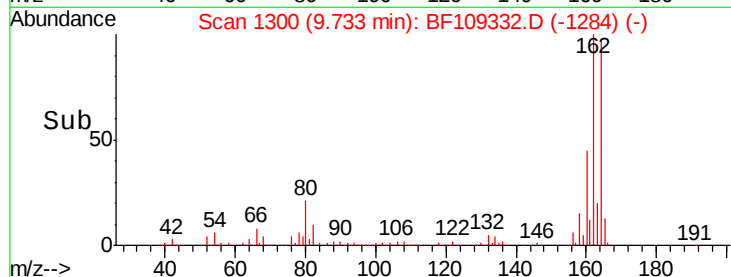
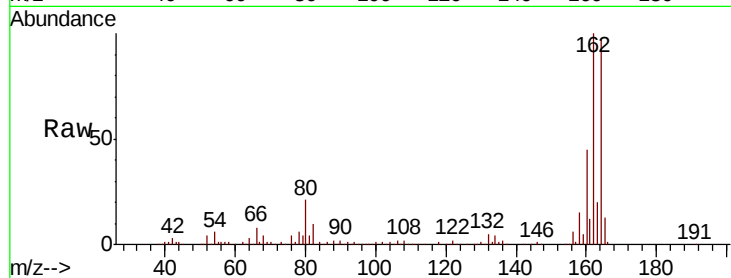




#56
 2,4-Dinitrotoluene
 Concen: 7.143 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

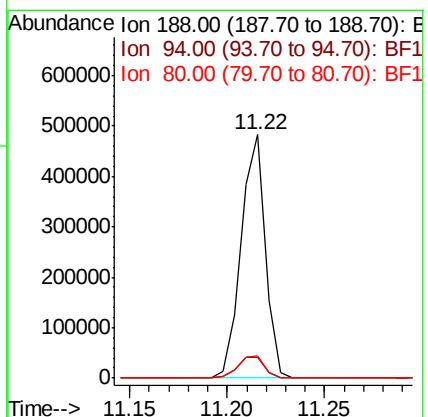
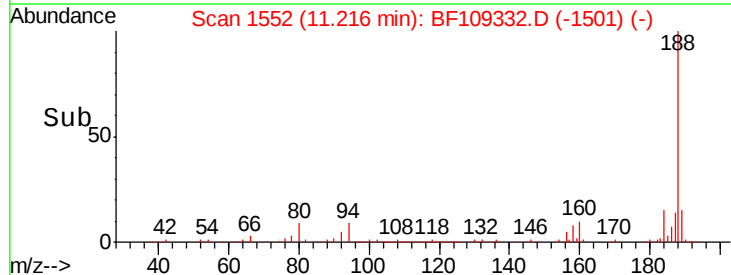
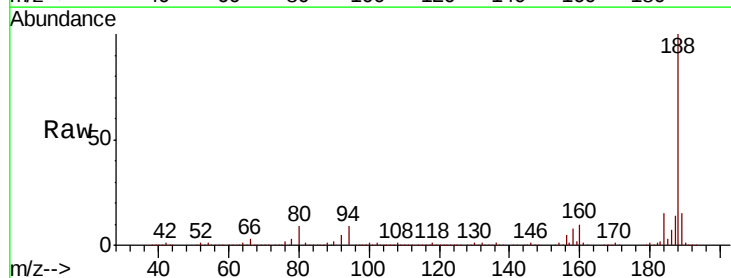
Instrument :
 BNA_F
 ClientSampleId :

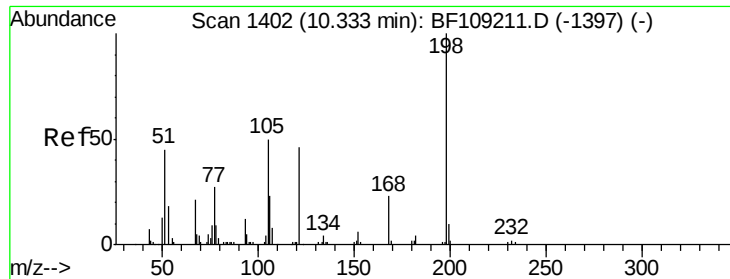
Tot Ion:165	Resp: 27010
Ion Ratio	Lower Upper
165 100	
63 1.1	36.4 54.6#
89 1.5	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Tgt	Ion:188	Resp:	414857
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8

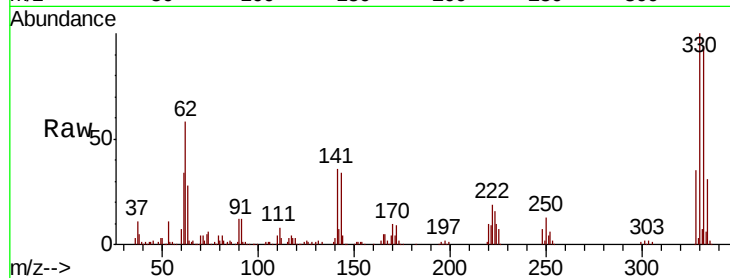




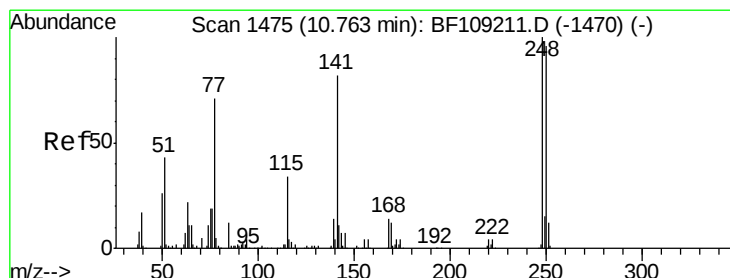
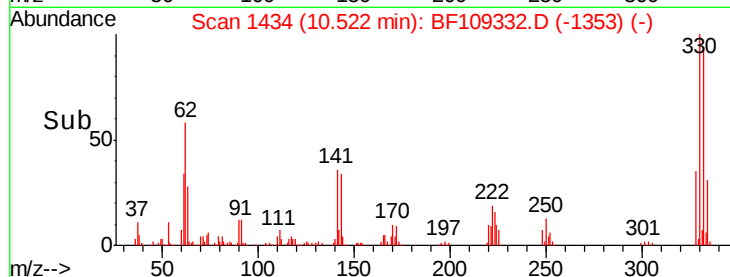
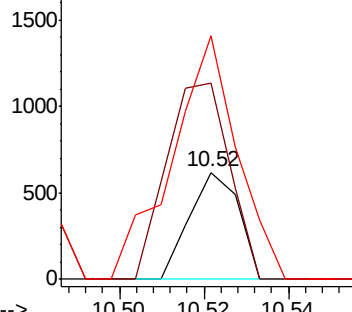
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.782 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 504
 Ion Ratio Lower Upper
 198 100
 51 183.8 37.7 77.7#
 105 227.6 36.3 76.3#

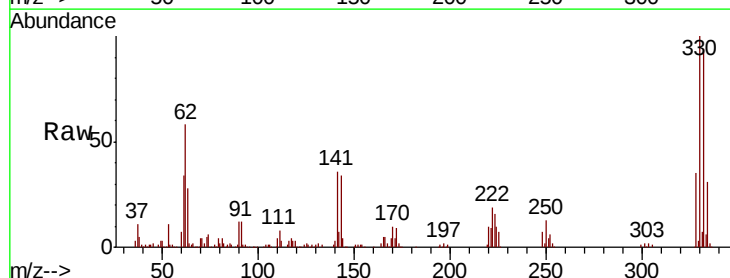


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

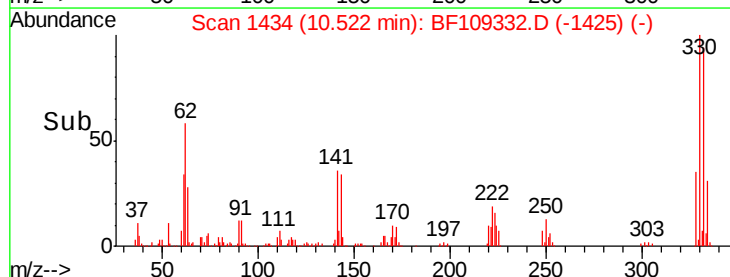
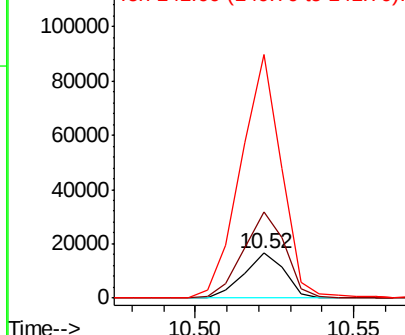


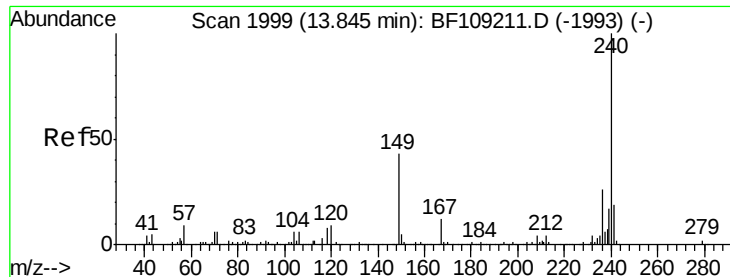
#66
 4-Bromophenyl-phenylether
 Concen: 3.168 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Tgt Ion:248 Resp: 14596
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.9 115.3#
 141 543.9 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: BF109332.D

Acq: 26 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

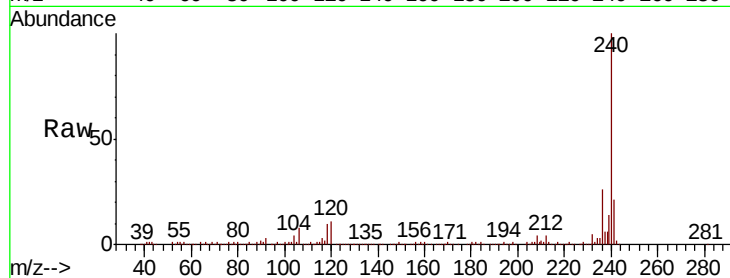
Tot Ion:240 Resp: 312576

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

236 25.9 20.7 31.1

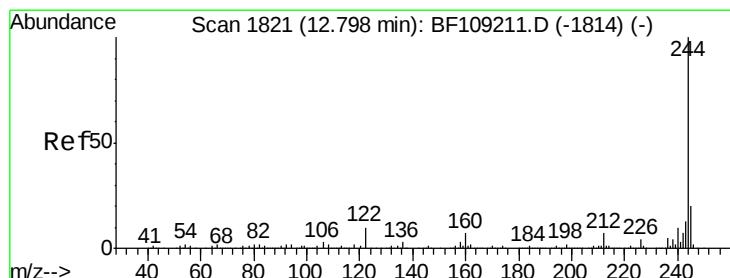
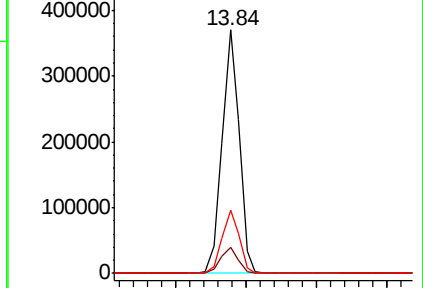
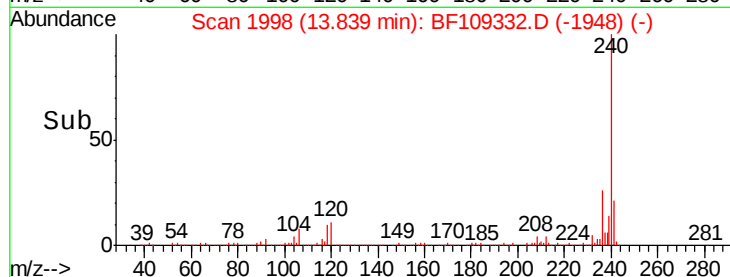


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 71.228 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109332.D

Acq: 26 Sep 2018 13:25

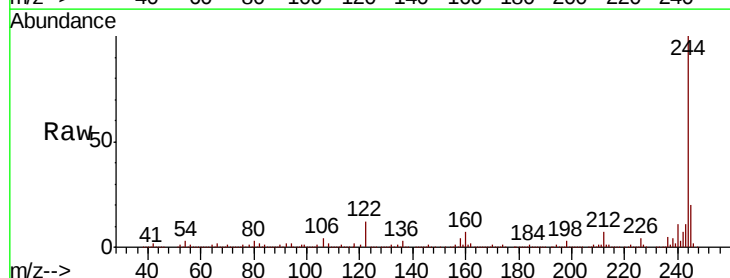
Tgt Ion:244 Resp: 907204

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

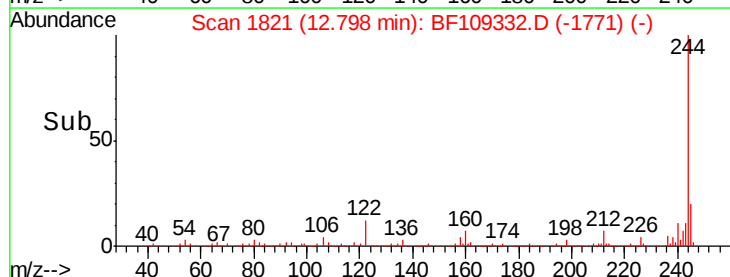
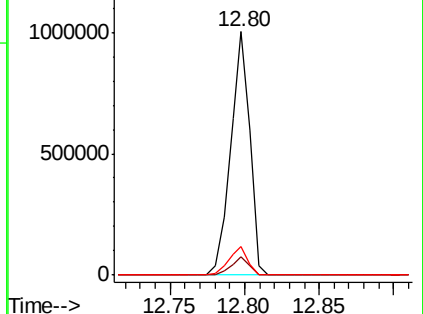
122 11.7 11.0 16.4

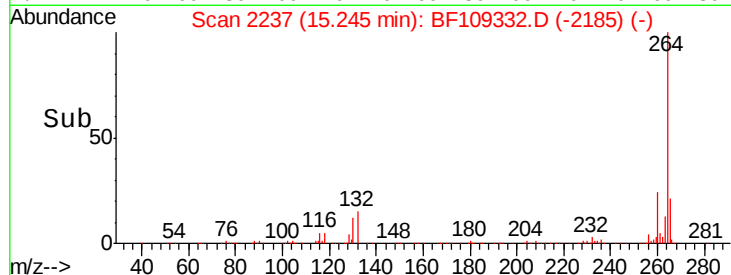
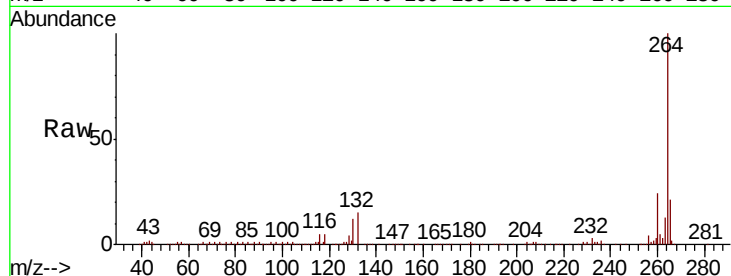
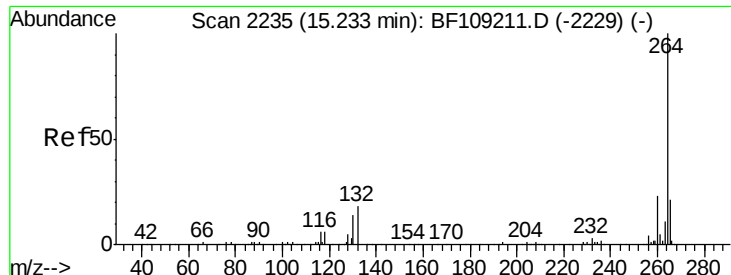


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2237
 Delta R.T. 0.01 min
 Lab File: BF109332.D
 Acq: 26 Sep 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	313497
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

