

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109386.D
 Acq On : 27 Sep 2018 14:53
 Operator : JU/SJ
 Sample : J5066-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 17:54:48 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	111323	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	432632	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	207463	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	373724	20.00	ng	0.00
75) Chrysene-d12	13.84	240	250563	20.00	ng	0.00
86) Perylene-d12	15.24	264	289826	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	538922	79.74	ng	0.00
7) Phenol-d6	6.35	99	698613	81.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	437219	59.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	155432	76.00	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	784988	57.07	ng	-0.01
78) Terphenyl-d14	12.79	244	647913	63.46	ng	-0.01

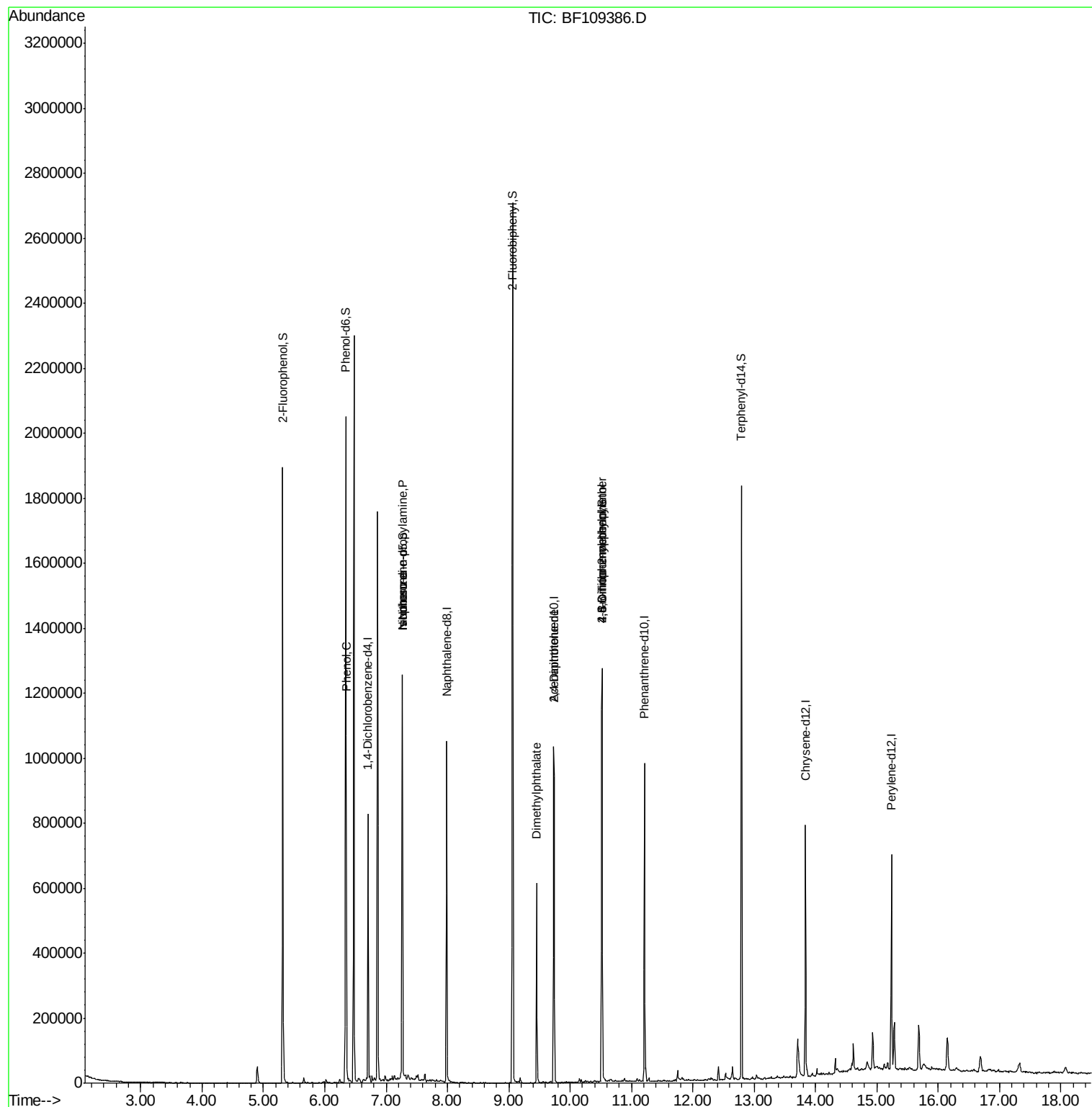
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	25280	2.588	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	59808	10.583	ng	# 78
25) Isophorone	7.26	82	408472	30.951	ng	# 64
49) Dimethylphthalate	9.46	163	231045	15.312	ng	99
56) 2,4-Dinitrotoluene	9.73	165	26489	7.005	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	294	6.690	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9258	2.231	ng	# 1

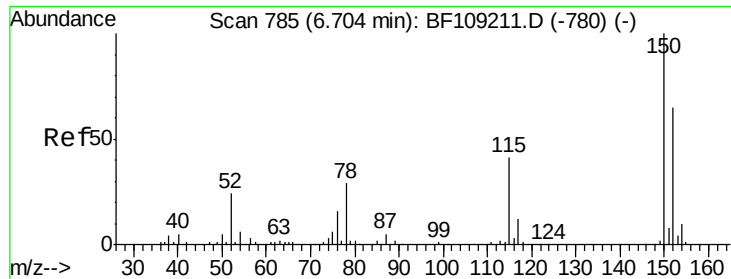
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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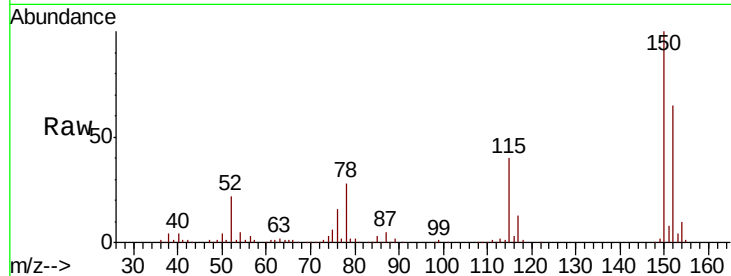




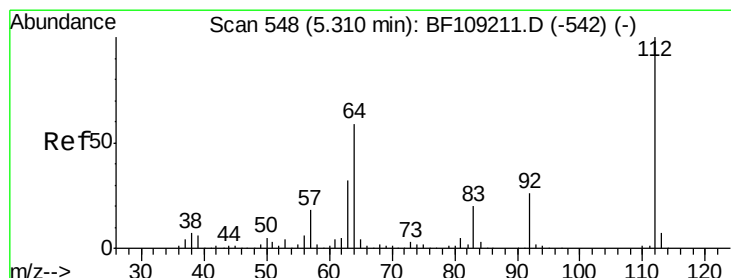
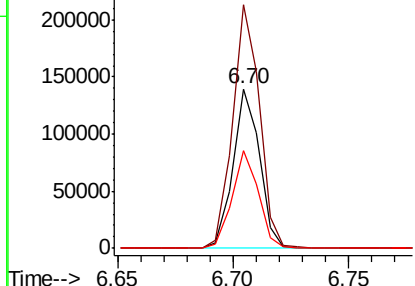
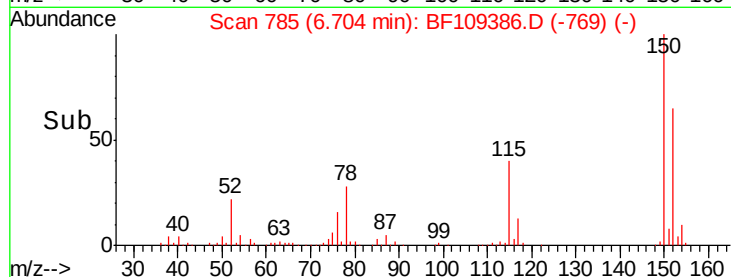
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 111323
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 186.8
 115 61.3 50.1 75.1

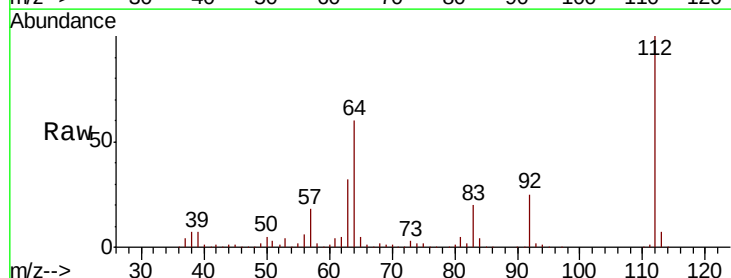


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

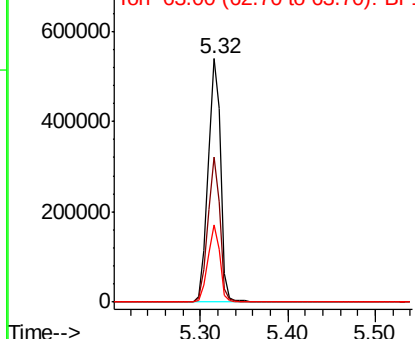
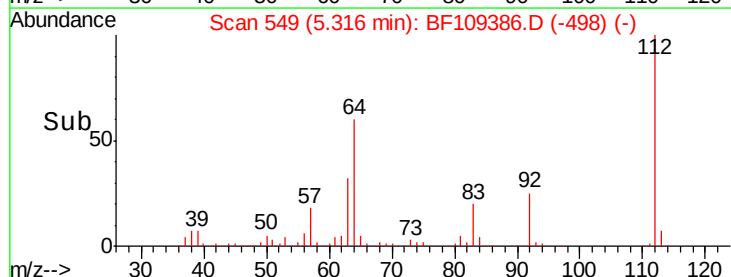


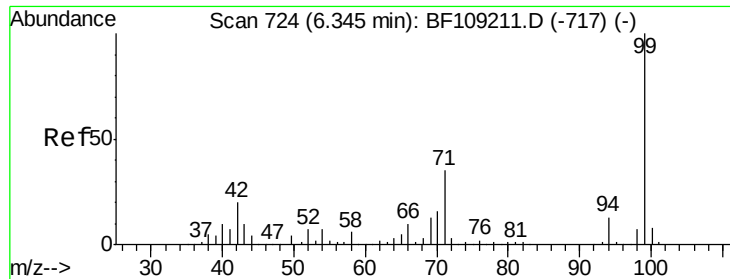
#5
 2-Fluorophenol
 Concen: 79.736 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Tgt Ion:112 Resp: 538922
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 31.6 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: 81.003 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampled :

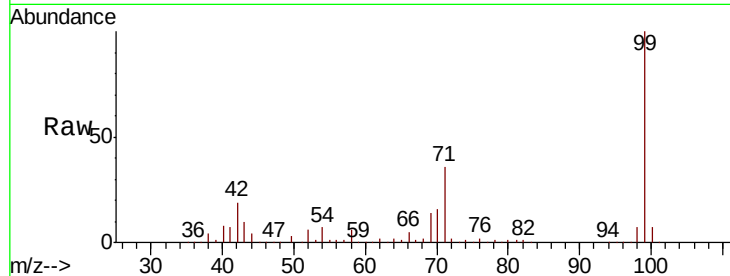
Tot Ion: 99 Resp: 698613

Ion Ratio Lower Upper

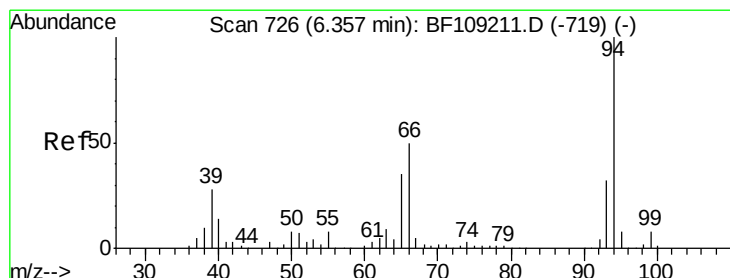
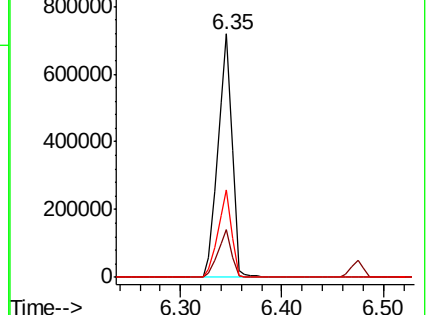
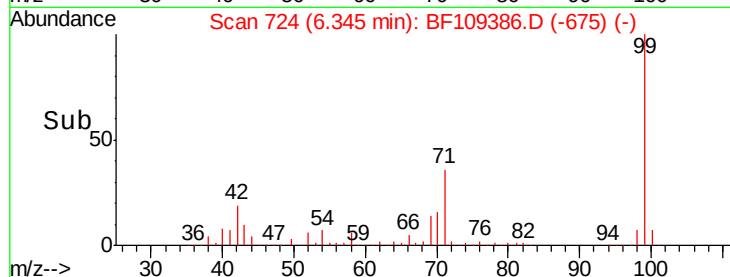
99 100

42 19.4 14.5 21.7

71 36.1 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



#10

Phenol

Concen: 2.588 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

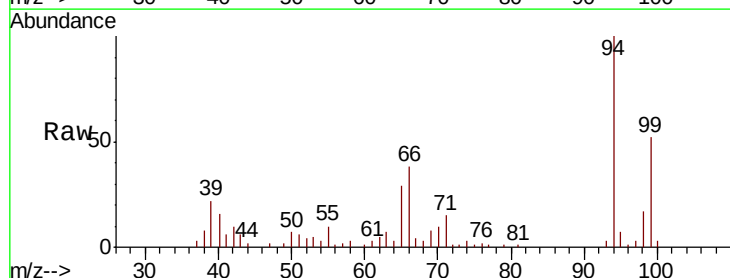
Tgt Ion: 94 Resp: 25280

Ion Ratio Lower Upper

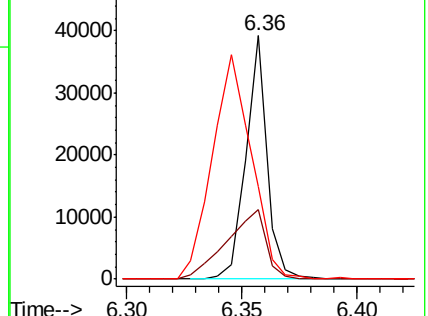
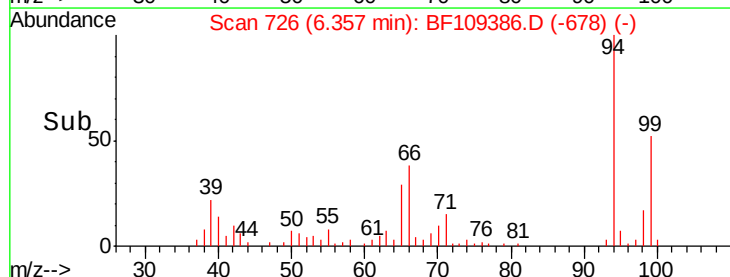
94 100

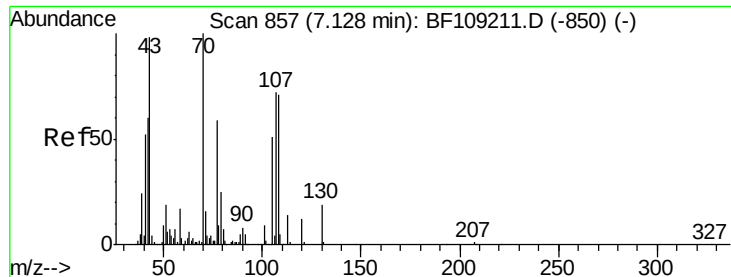
65 28.7 7.9 47.9

66 38.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.583 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109386.D

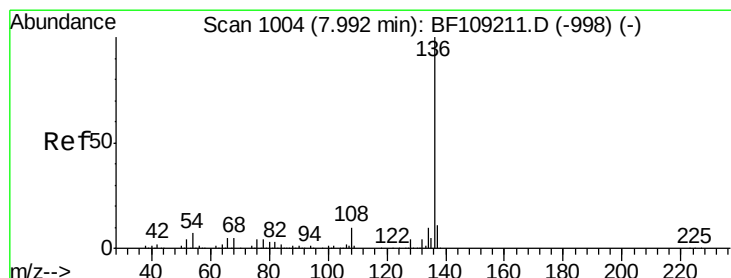
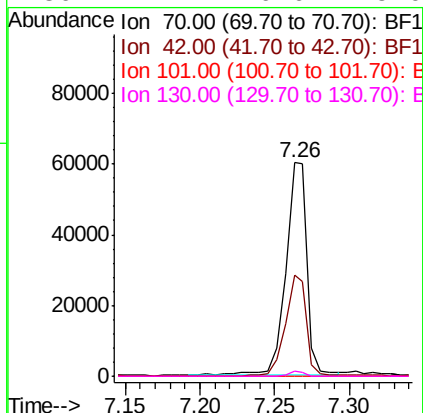
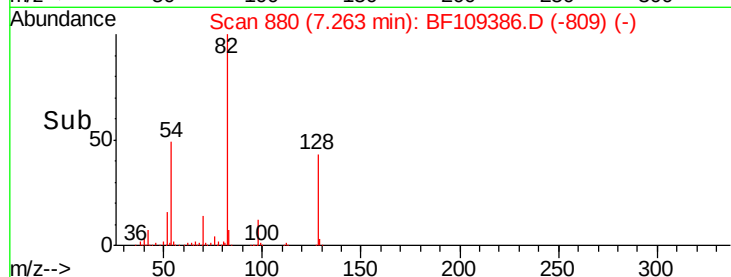
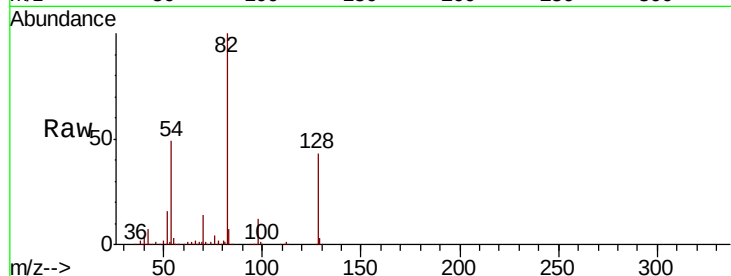
Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	59808
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

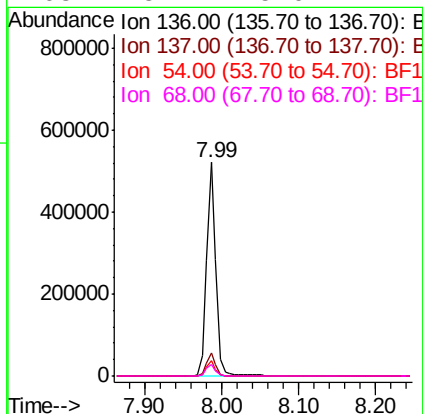
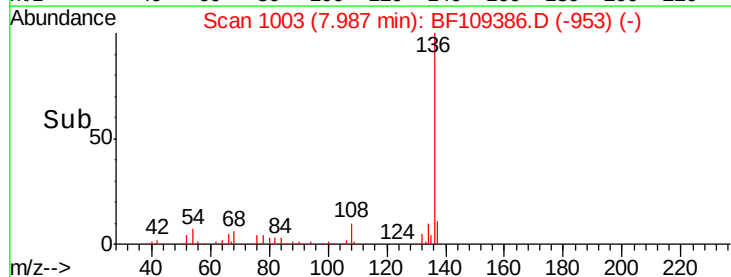
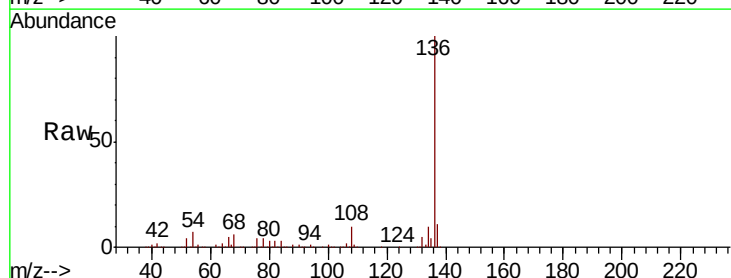
RT: 7.99 min Scan# 1003

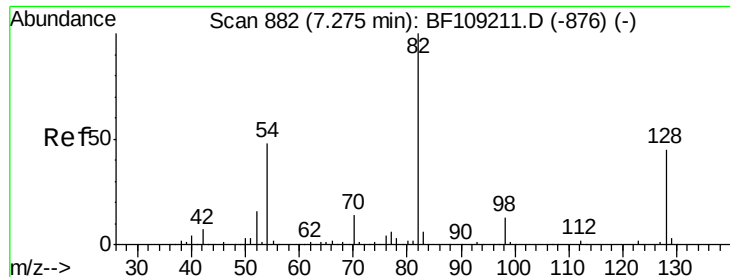
Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

Tgt Ion:	136	Resp:	432632
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

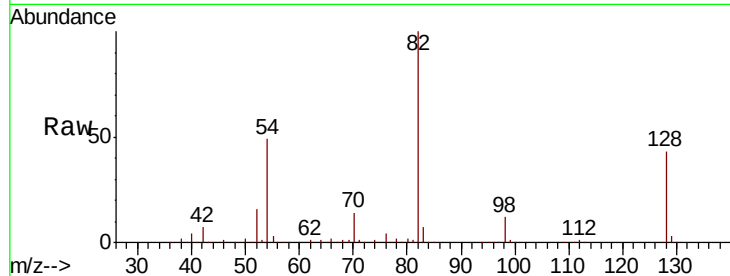




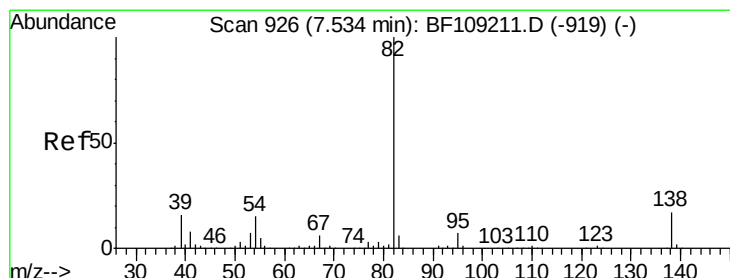
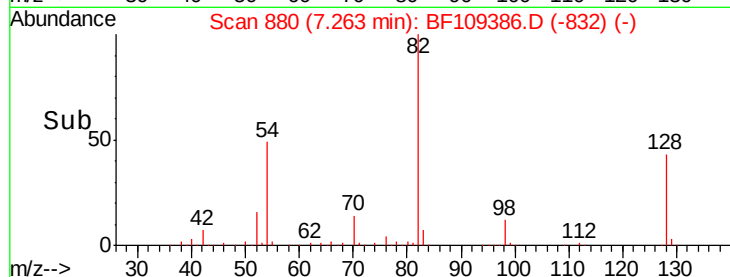
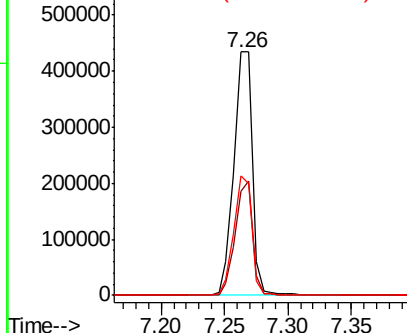
#23
 Nitrobenzene-d5
 Concen: 59.657 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 437219
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 48.9 41.4 62.2

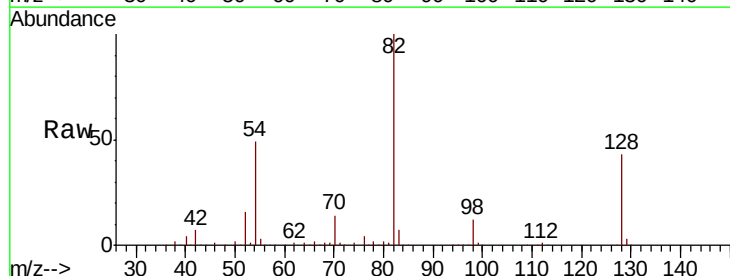


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

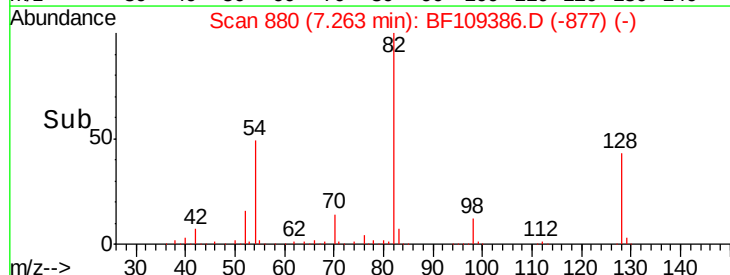
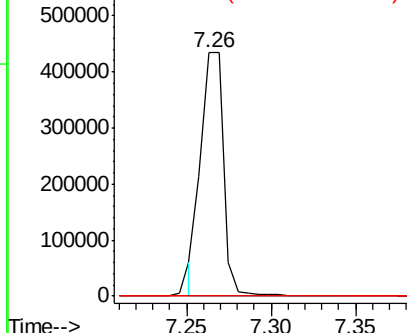


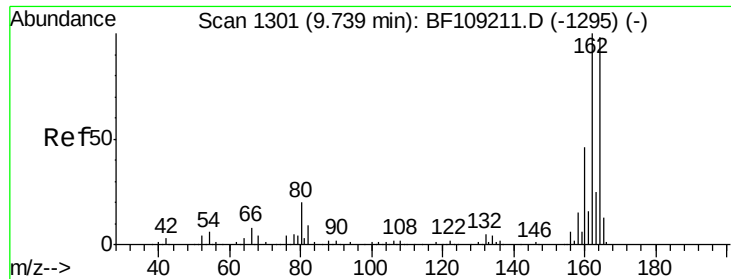
#25
 Isophorone
 Concen: 30.951 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Tgt Ion: 82 Resp: 408472
 Ion Ratio Lower Upper
 82 100
 95 0.2 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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampleId :

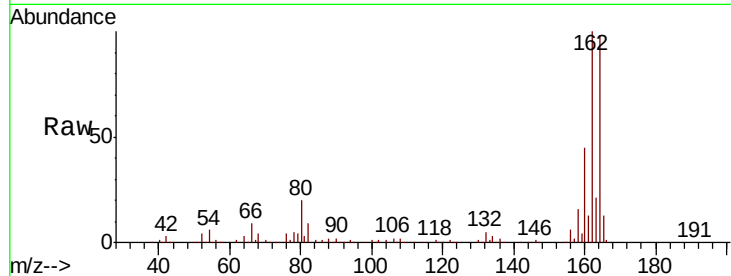
Tot Ion:164 Resp: 207463

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

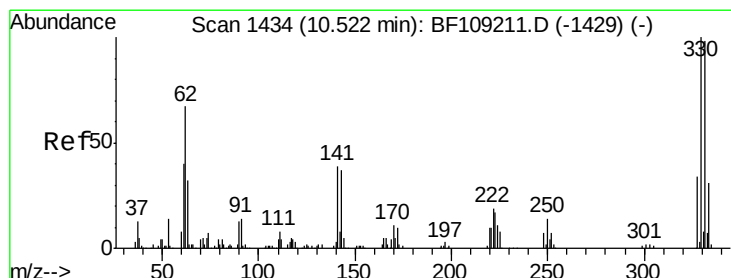
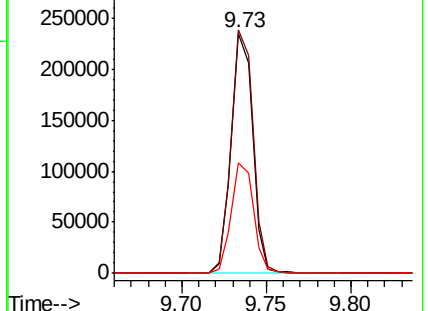
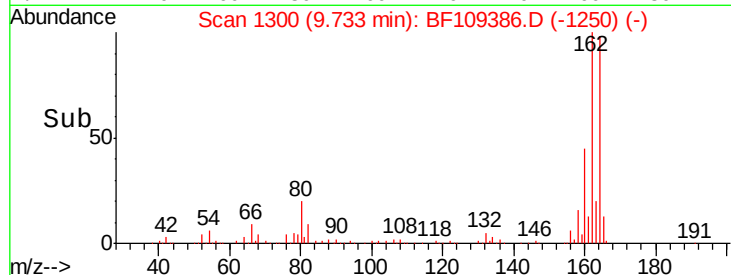
160 46.1 38.3 57.5



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: 76.000 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

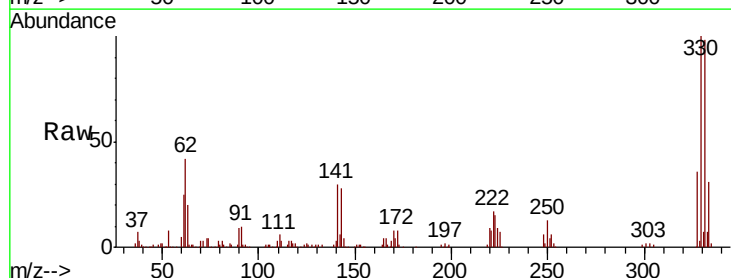
Tgt Ion:330 Resp: 155432

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

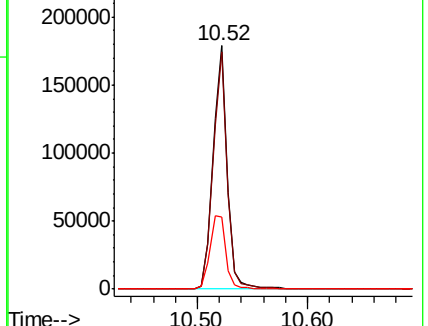
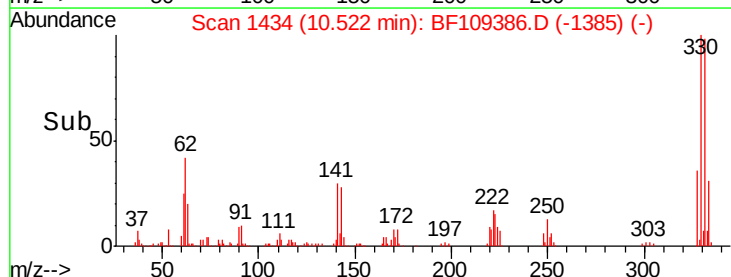
141 34.1 29.9 44.9

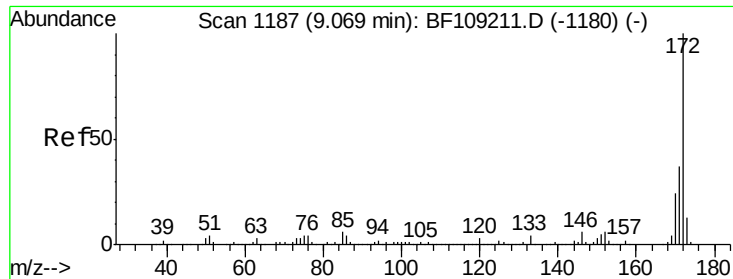


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

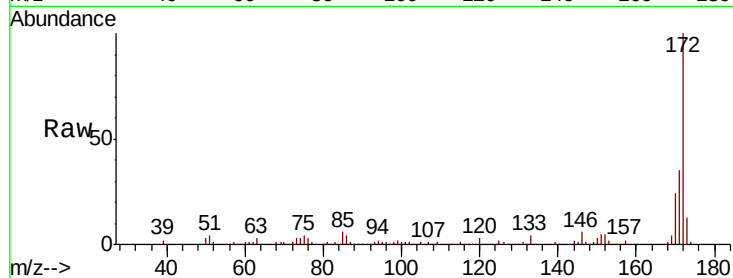




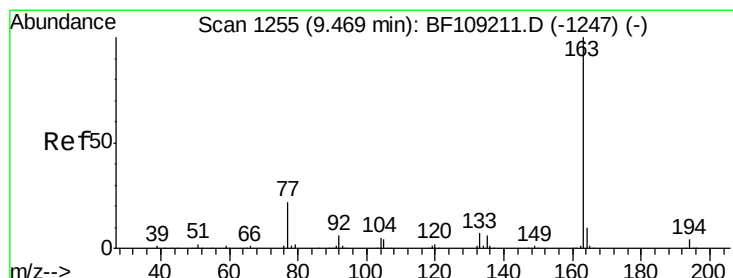
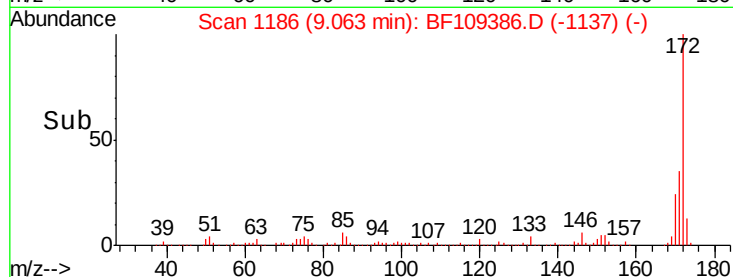
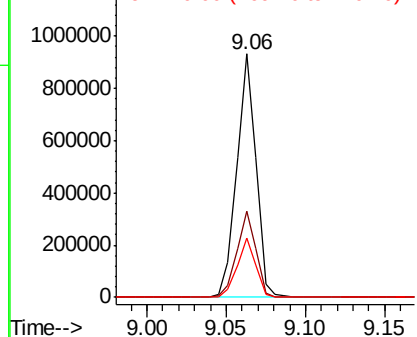
#44
2-Fluorobiphenyl
Concen: 57.066 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 784988
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.3 19.6 29.4

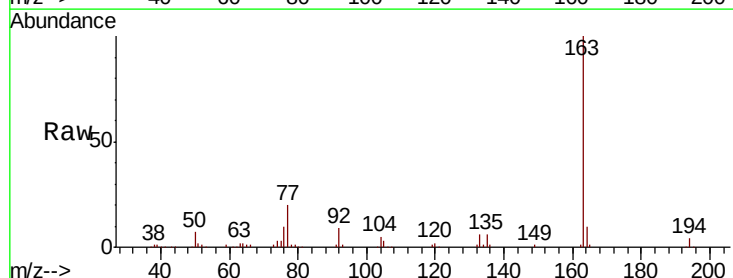


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

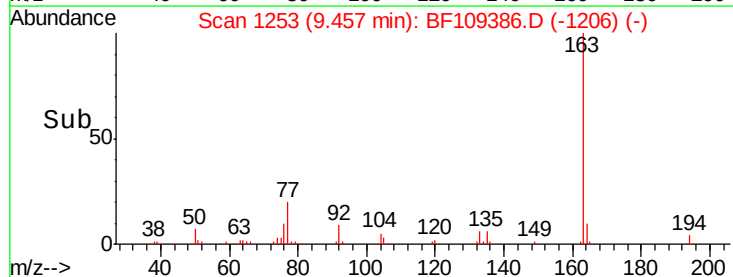
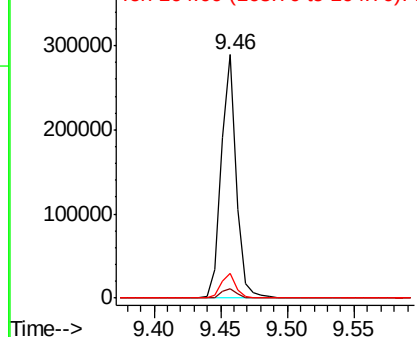


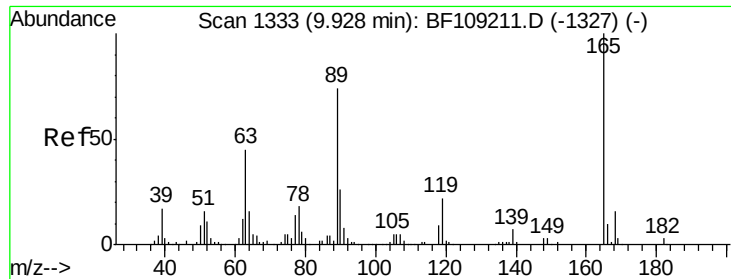
#49
Dimethylphthalate
Concen: 15.312 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Tgt Ion:163 Resp: 231045
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 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

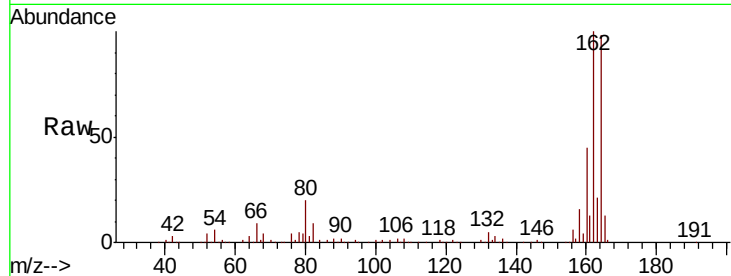




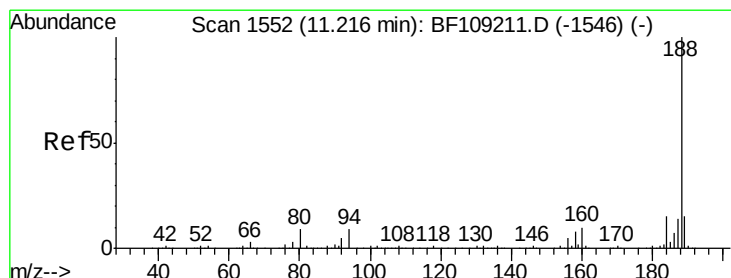
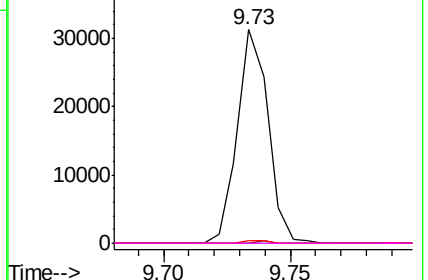
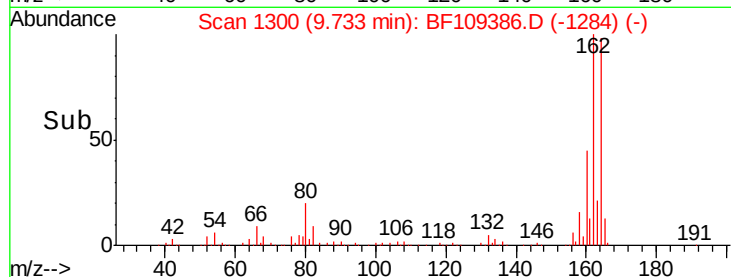
#56
 2,4-Dinitrotoluene
 Concen: 7.005 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26489
Ion	Ratio	Lower Upper
165	100	
63	0.0	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#

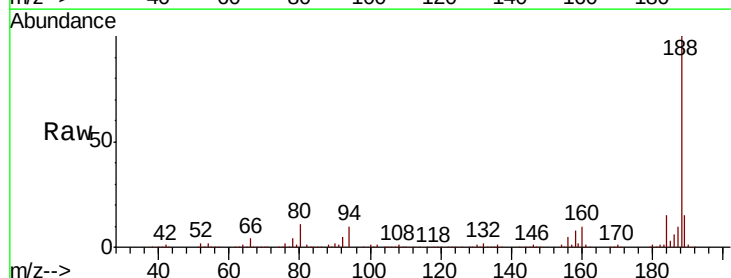


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

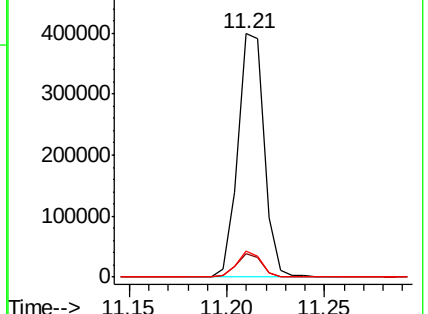
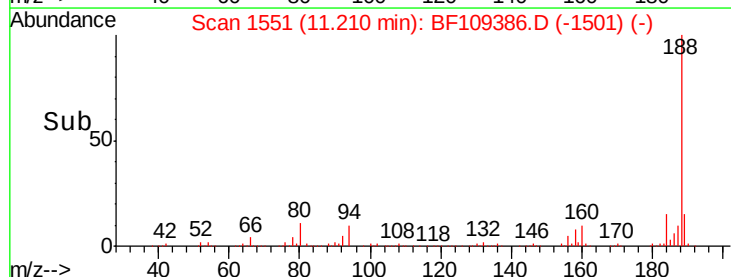


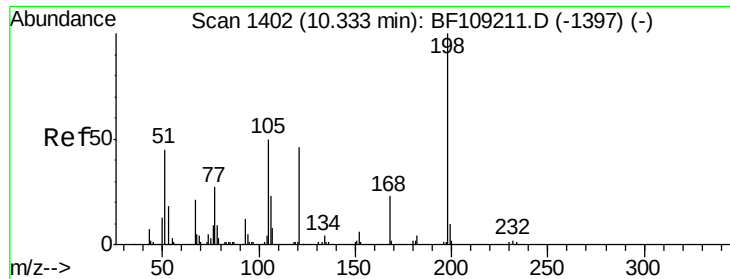
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Tgt Ion:188	Resp:	373724
Ion	Ratio	Lower Upper
188	100	
94	9.6	8.5 12.7
80	10.8	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

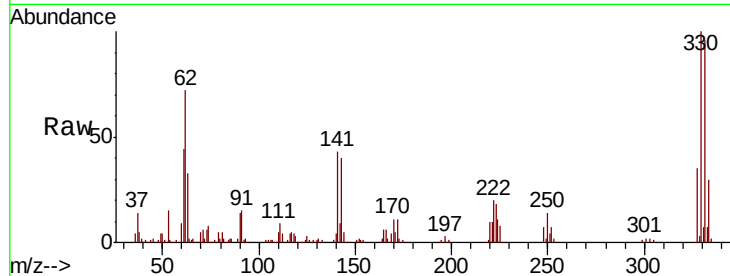




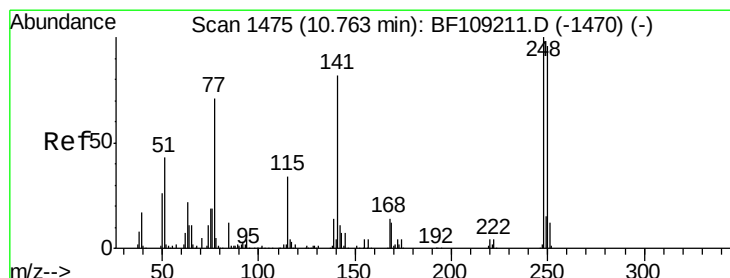
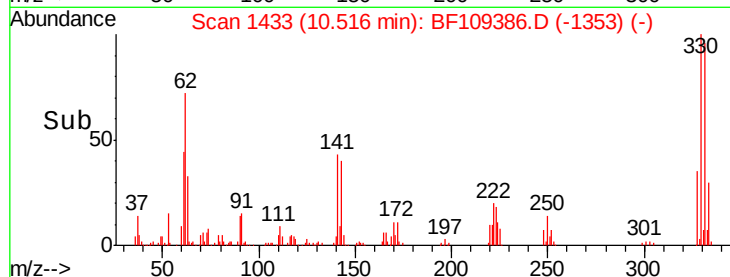
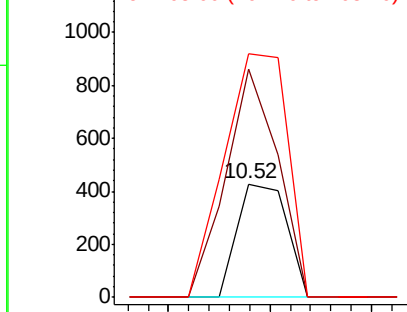
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.690 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 294
 Ion Ratio Lower Upper
 198 100
 51 201.6 37.7 77.7#
 105 214.7 36.3 76.3#

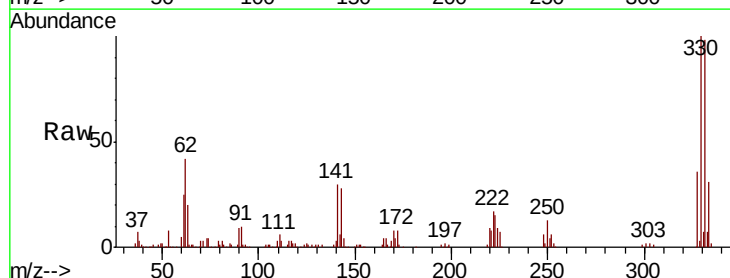


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

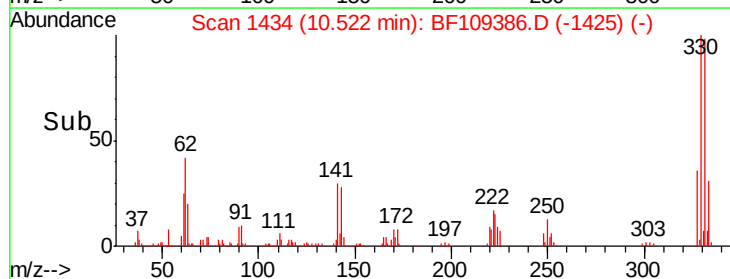
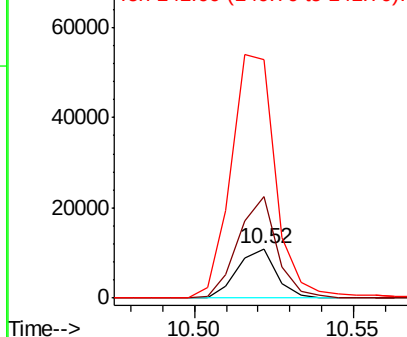


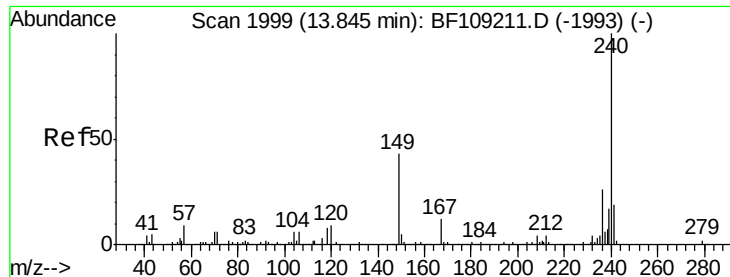
#66
 4-Bromophenyl-phenylether
 Concen: 2.231 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Tgt Ion:248 Resp: 9258
 Ion Ratio Lower Upper
 248 100
 250 206.3 76.9 115.3#
 141 484.5 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: BF109386.D

Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampleId :

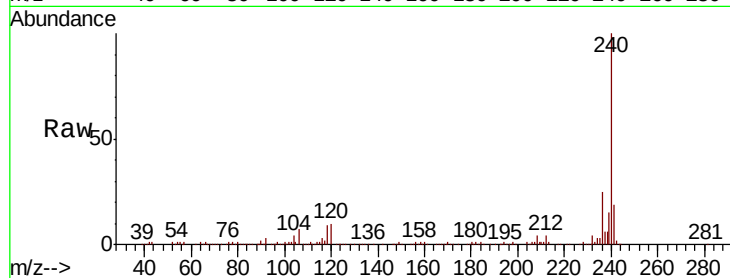
Tot Ion:240 Resp: 250563

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

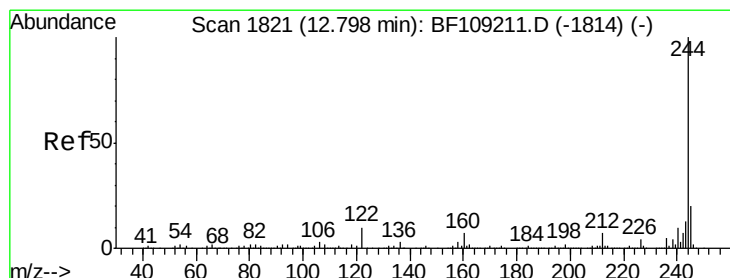
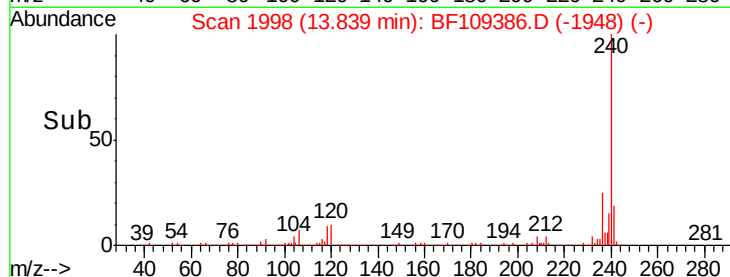
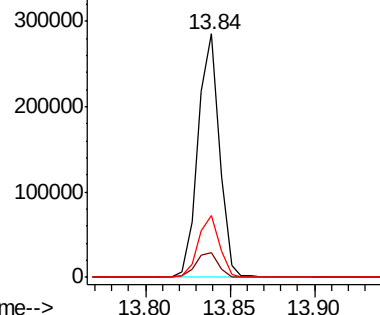
236 25.3 20.7 31.1



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: 63.460 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

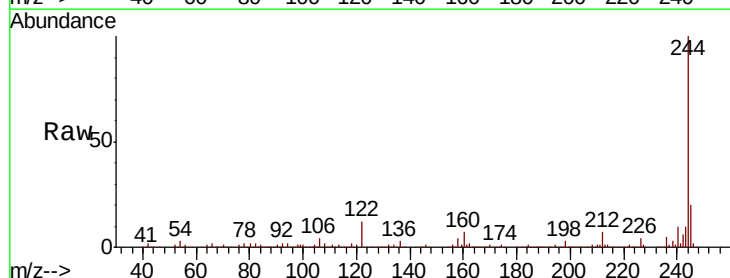
Tgt Ion:244 Resp: 647913

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

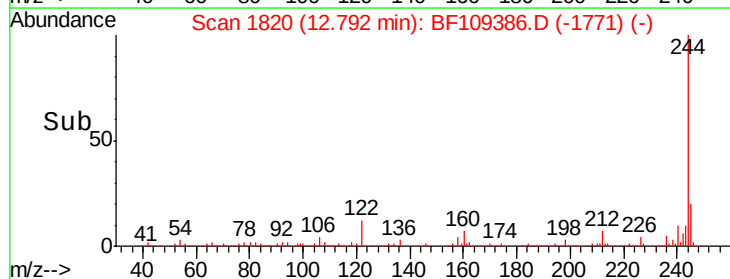
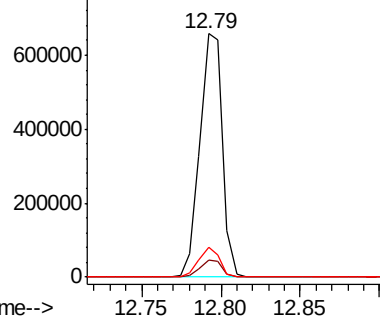
122 12.0 11.0 16.4

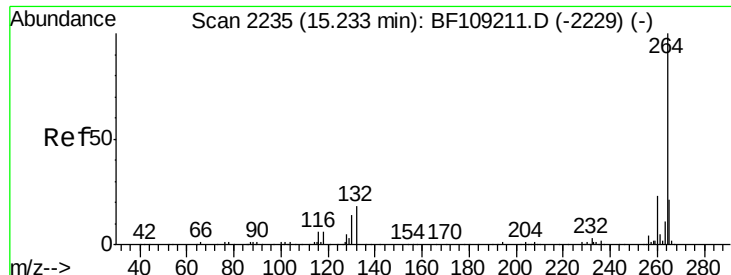


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109386.D
Acq: 27 Sep 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

