

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109385.D
 Acq On : 27 Sep 2018 14:27
 Operator : JU/SJ
 Sample : J5066-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 17:54:39 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

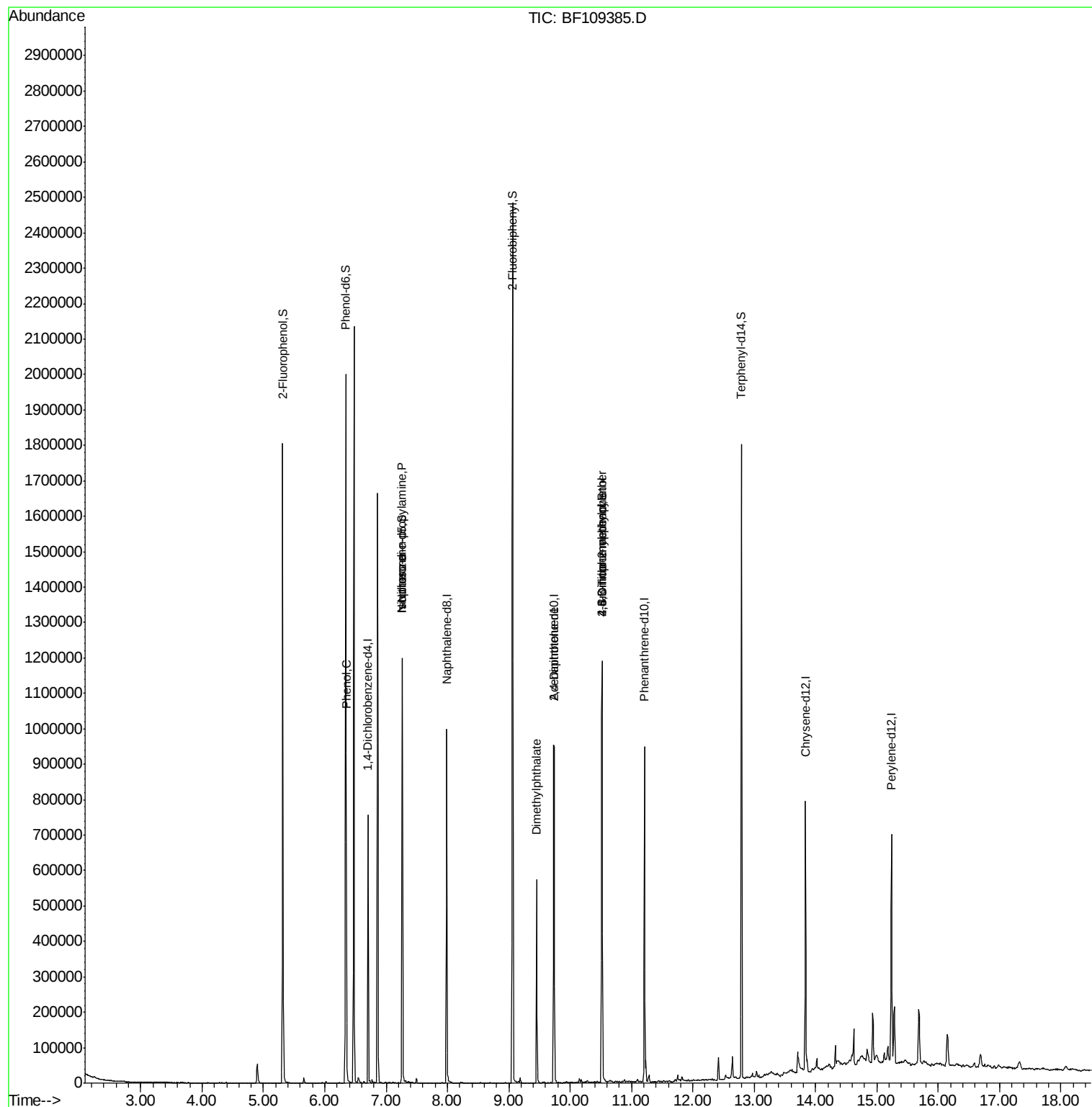
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106783	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	415139	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	197303	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	360177	20.00	ng	0.00
75) Chrysene-d12	13.84	240	240908	20.00	ng	0.00
86) Perylene-d12	15.24	264	283167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	514699	79.39	ng	0.00
7) Phenol-d6	6.35	99	662430	80.07	ng	-0.01
23) Nitrobenzene-d5	7.26	82	417048	59.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	144562	74.33	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	724314	55.37	ng	-0.01
78) Terphenyl-d14	12.79	244	609154	62.06	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	25044	2.673	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	56108	10.351	ng	# 79
25) Isophorone	7.26	82	395651	31.243	ng	# 64
49) Dimethylphthalate	9.46	163	219478	15.294	ng	99
56) 2,4-Dinitrotoluene	9.73	165	24935	6.934	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	271	6.682	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9000	2.250	ng	# 1

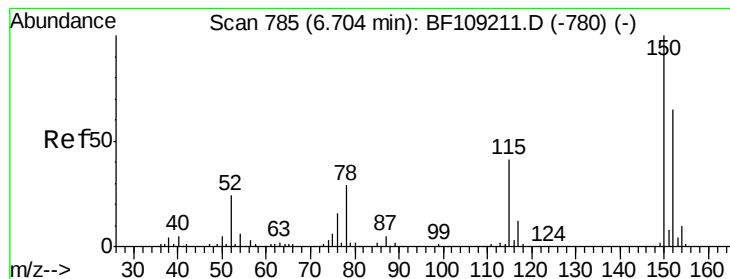
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109385.D
Acq On : 27 Sep 2018 14:27
Operator : JU/SJ
Sample : J5066-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 27 17:54:39 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



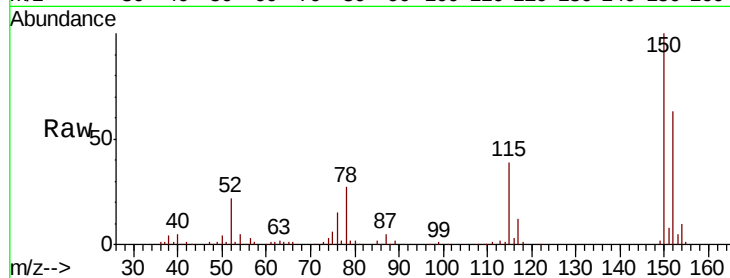


#1

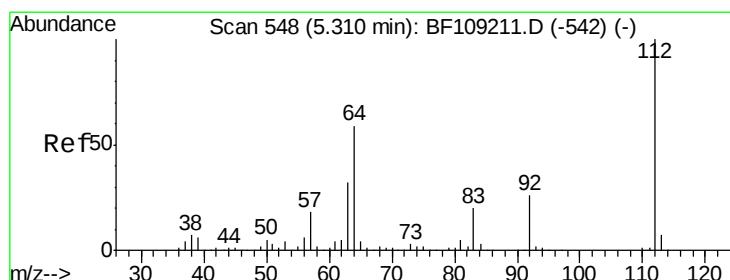
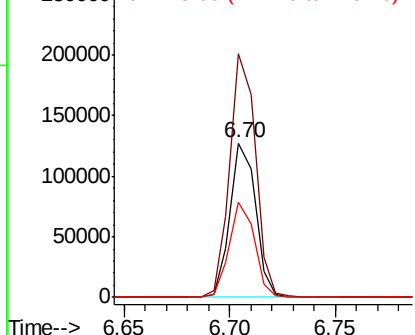
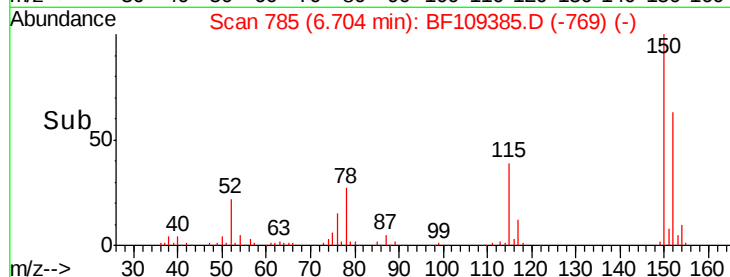
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106783
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.8 50.1 75.1



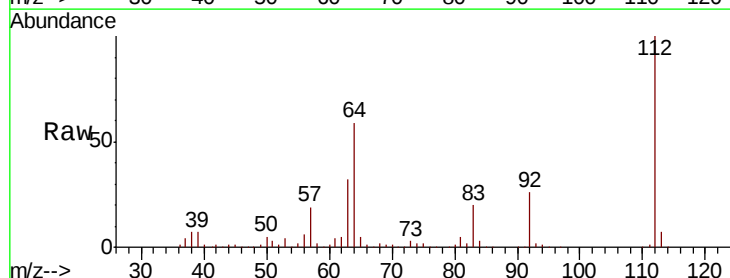
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



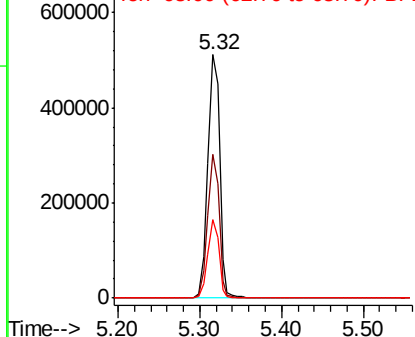
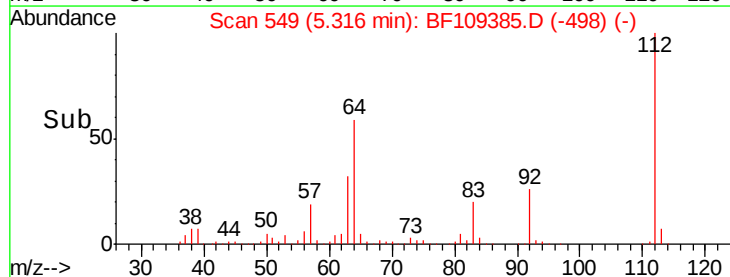
#5

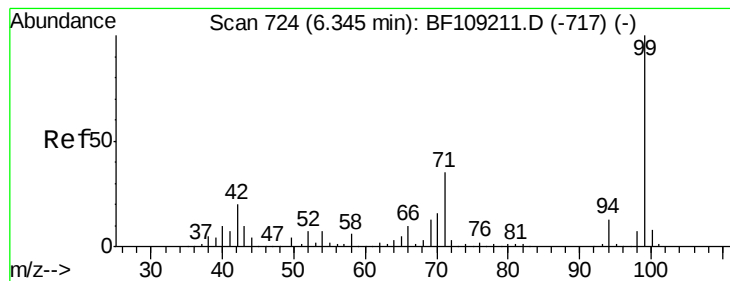
2-Fluorophenol
Concen: 79.390 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:112 Resp: 514699
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 32.0 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: 80.073 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109385.D

Acq: 27 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

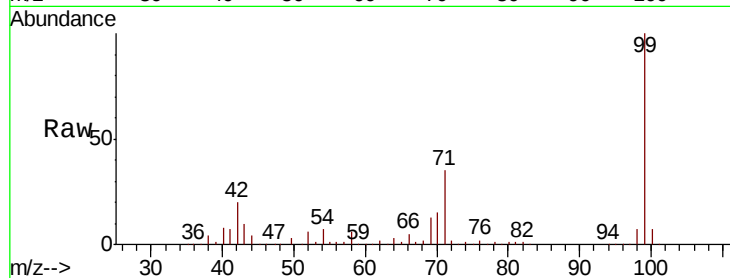
Tot Ion: 99 Resp: 662430

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 35.5 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

800000

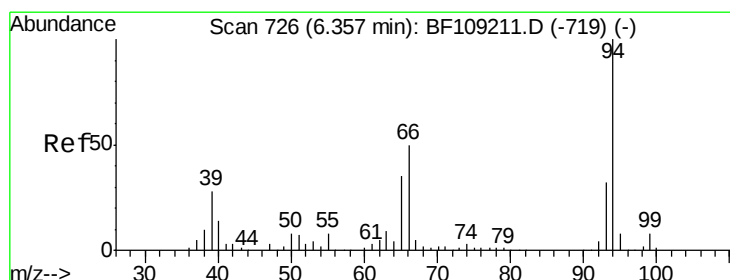
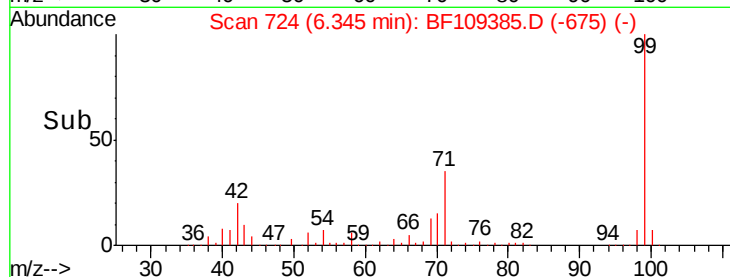
600000

400000

200000

0

Time--> 6.30 6.35 6.40 6.50



#10

Phenol

Concen: 2.673 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109385.D

Acq: 27 Sep 2018 14:27

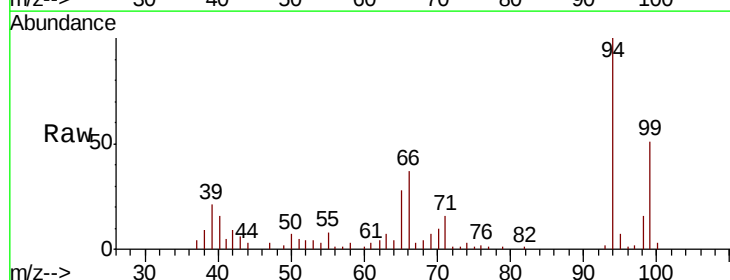
Tgt Ion: 94 Resp: 25044

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 36.6 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

50000

40000

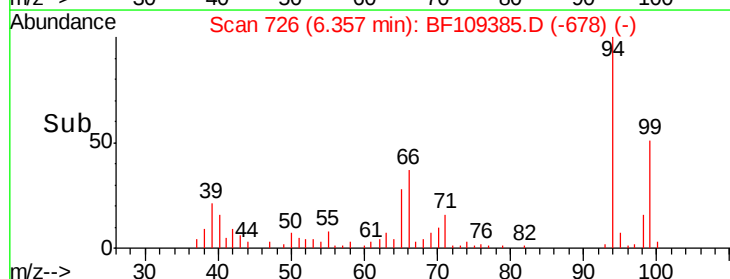
30000

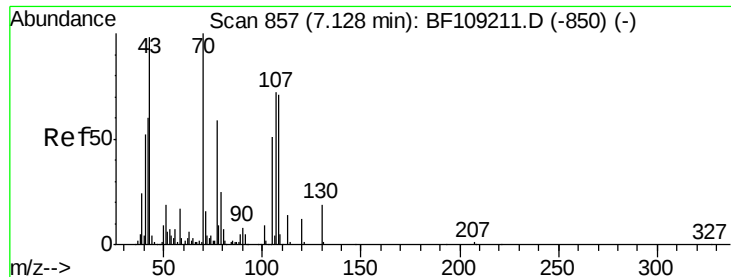
20000

10000

0

Time--> 6.30 6.35 6.40 6.50

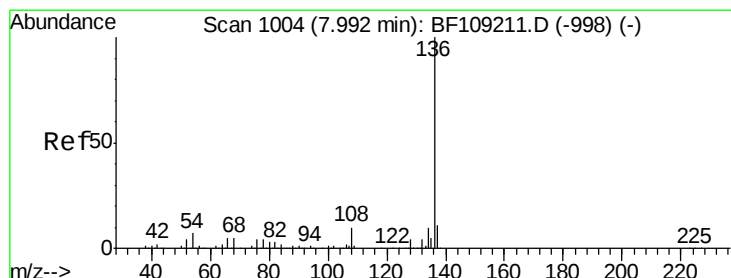
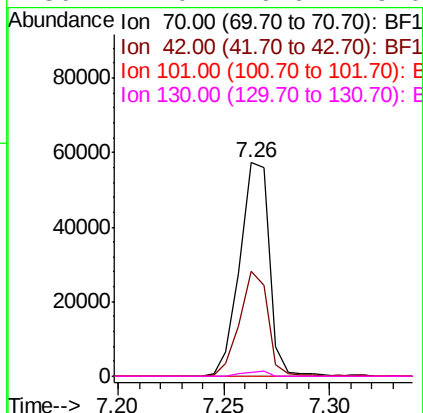
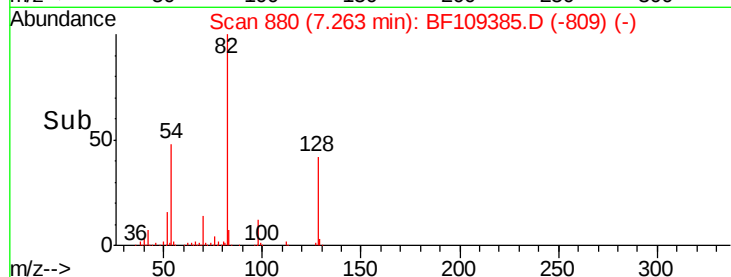
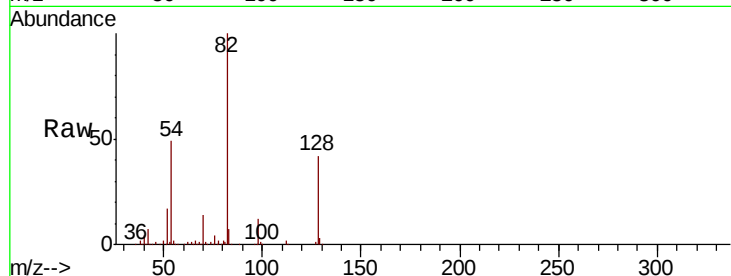




#19
n-Nitroso-di-n-propylamine
Concen: 10.351 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

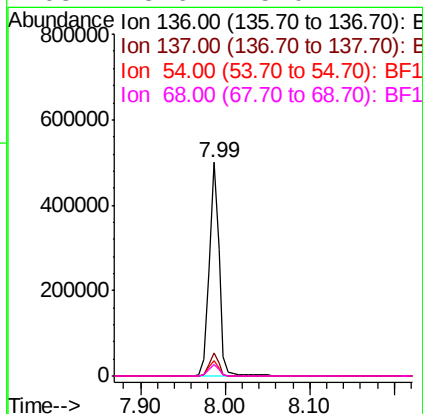
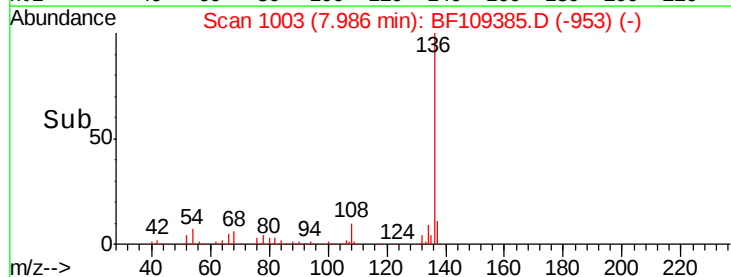
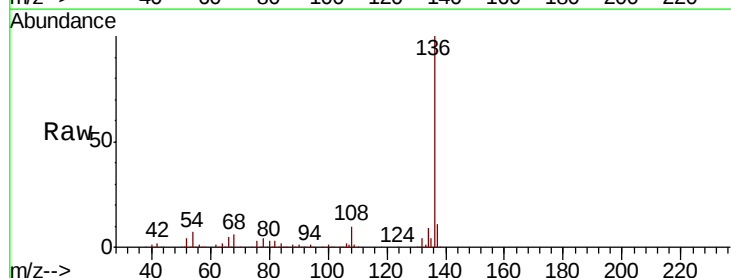
Instrument :
BNA_F
ClientSampleId :

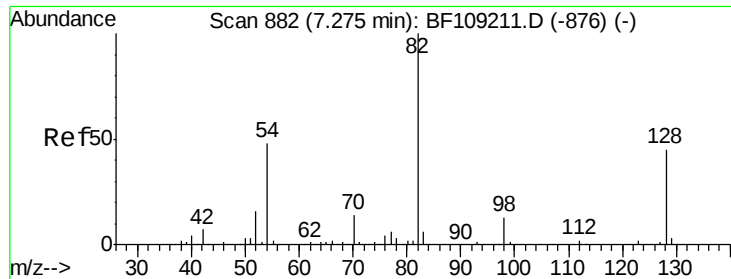
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.0	47.5	71.3	
101	0.0	7.4	11.2	#
130	2.0	16.6	25.0	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.2	6.6	9.8	
68	5.6	5.0	7.4	

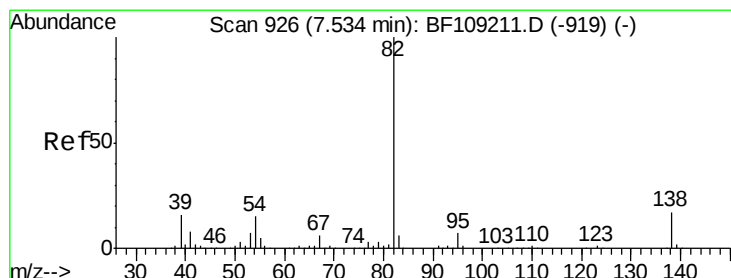
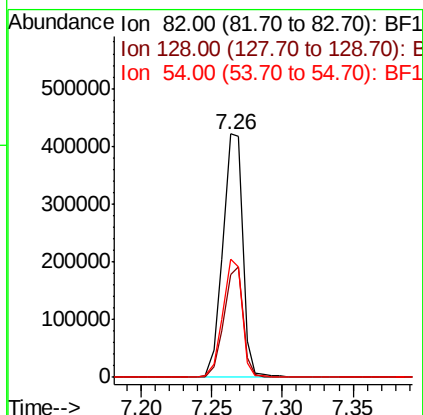
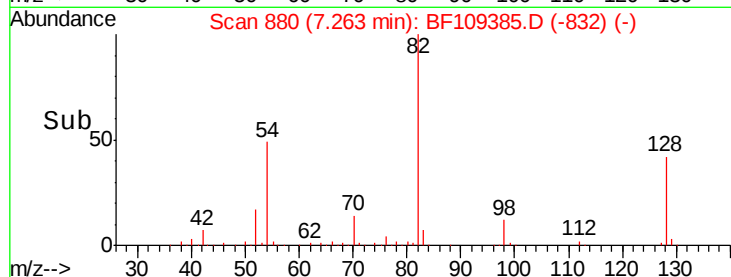
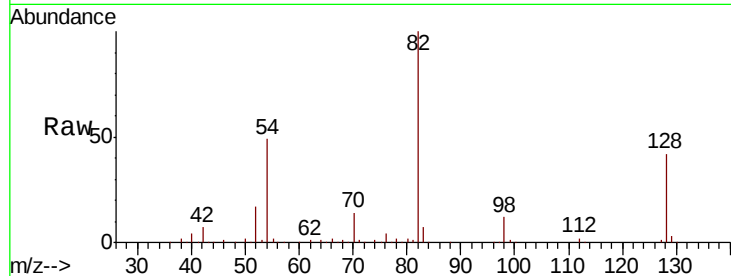




#23
Nitrobenzene-d5
Concen: 59.303 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

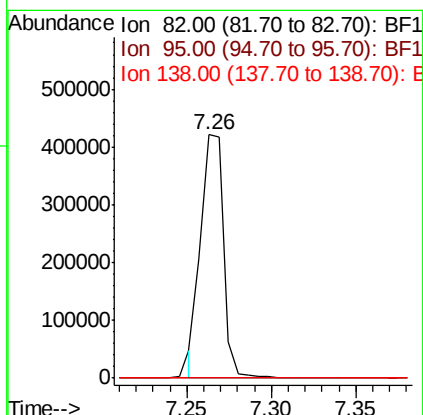
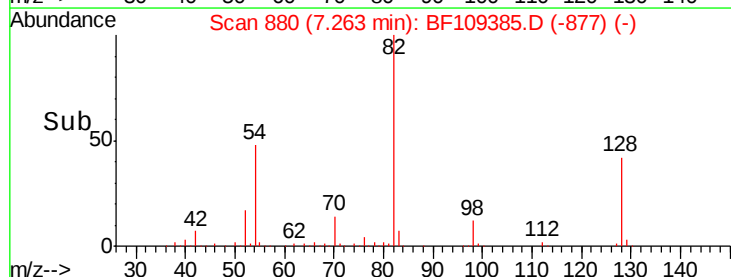
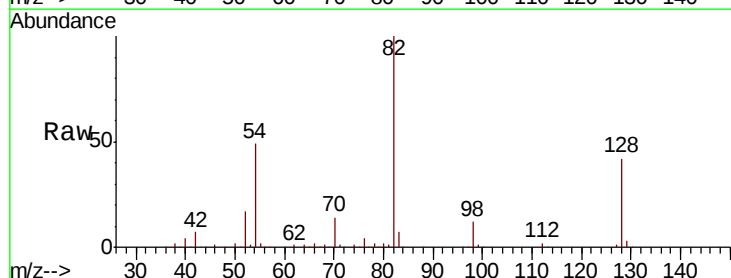
Instrument :
BNA_F
ClientSampleId :

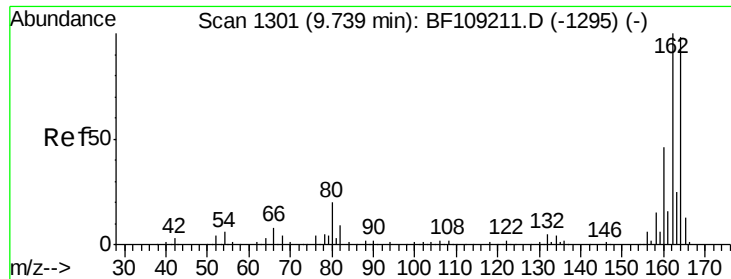
Tot Ion: 82 Resp: 417048
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 48.5 41.4 62.2



#25
Isophorone
Concen: 31.243 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion: 82 Resp: 395651
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109385.D

Acq: 27 Sep 2018 14:27

Instrument :

BNA_F

ClientSampled :

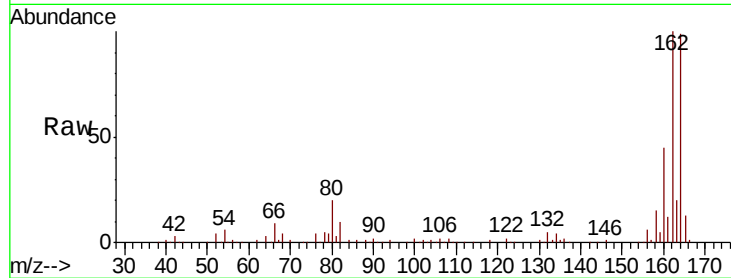
Tot Ion:164 Resp: 197303

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

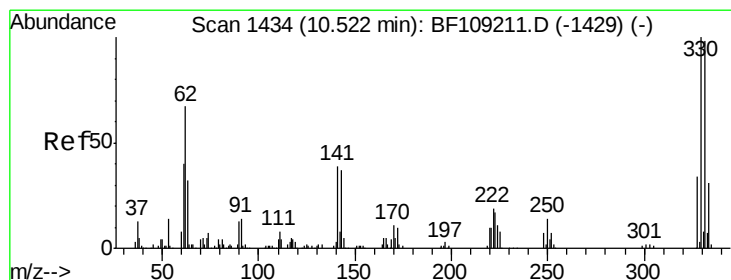
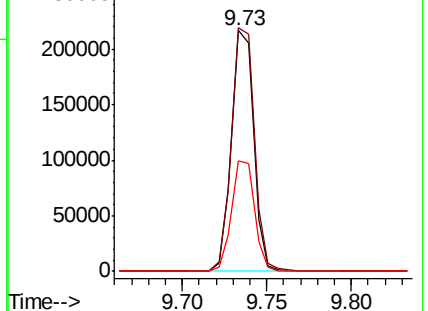
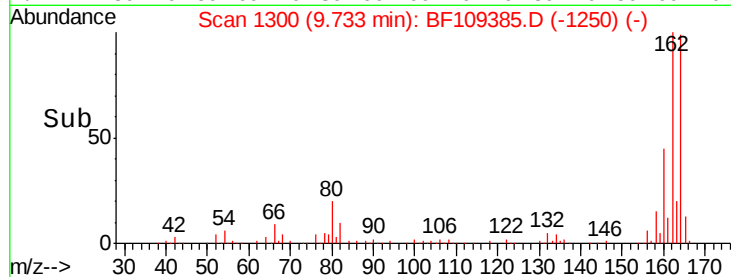
160 45.7 38.3 57.5



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: 74.325 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109385.D

Acq: 27 Sep 2018 14:27

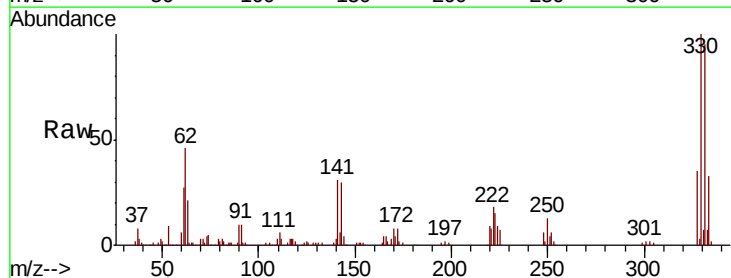
Tgt Ion:330 Resp: 144562

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

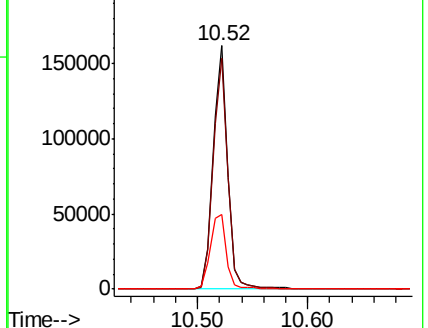
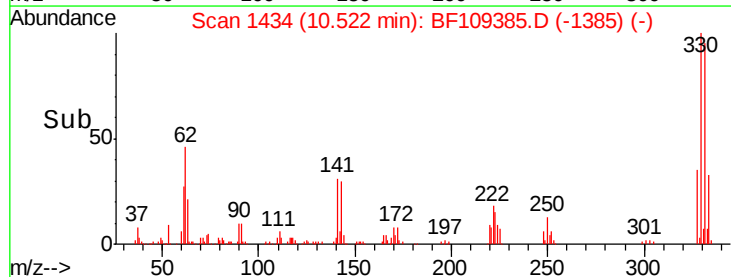
141 33.5 29.9 44.9

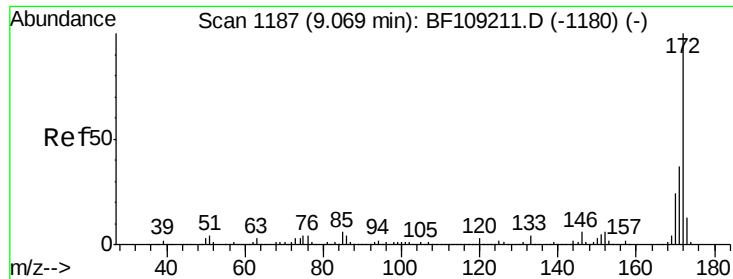


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

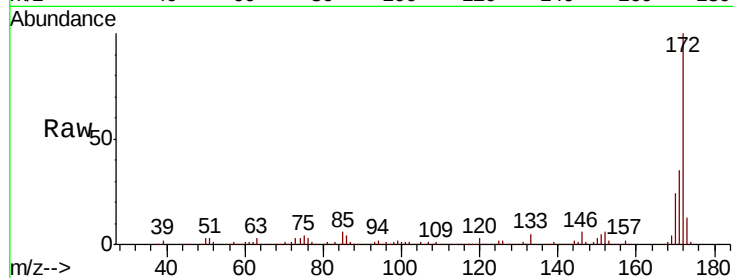




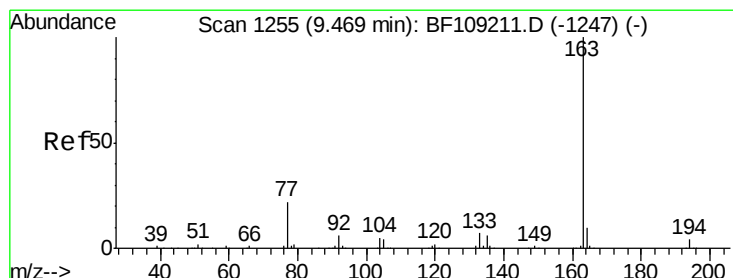
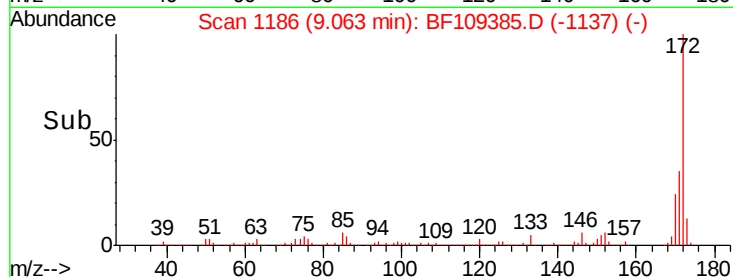
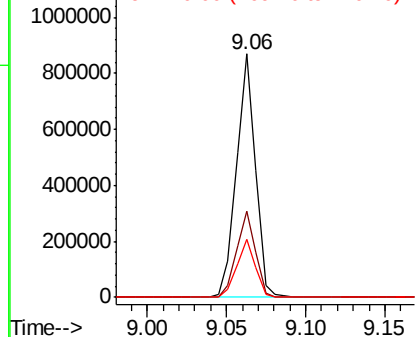
#44
2-Fluorobiphenyl
Concen: 55.367 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 724314
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.8 19.6 29.4

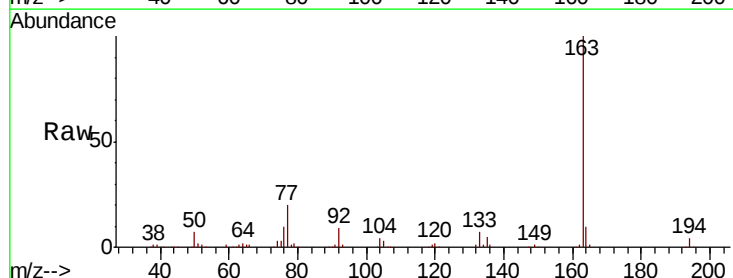


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

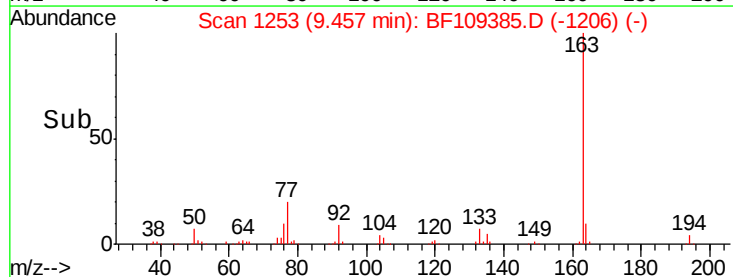
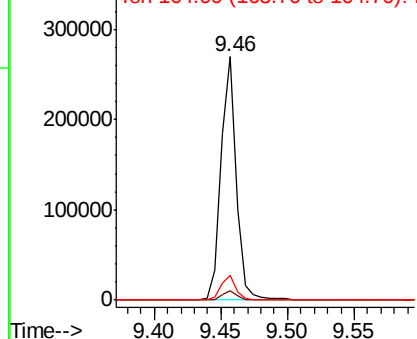


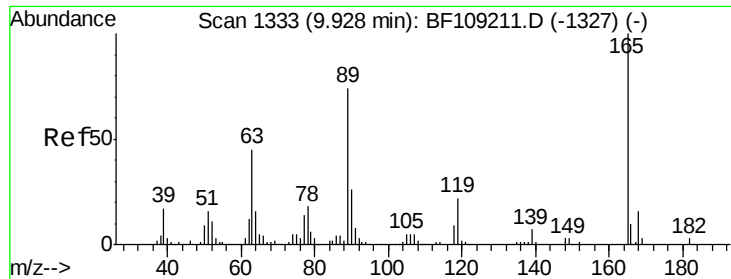
#49
Dimethylphthalate
Concen: 15.294 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:163 Resp: 219478
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 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

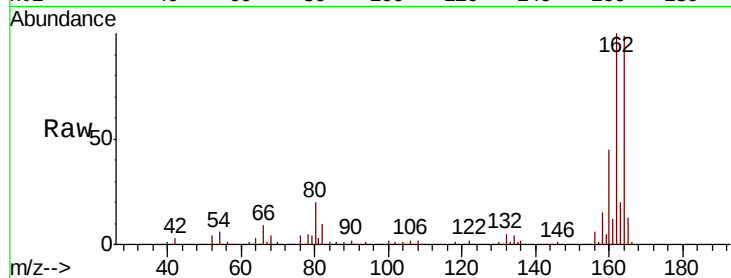




#56
 2,4-Dinitrotoluene
 Concen: 6.934 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109385.D
 Acq: 27 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

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



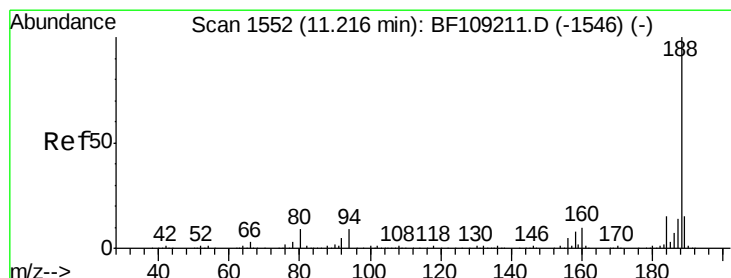
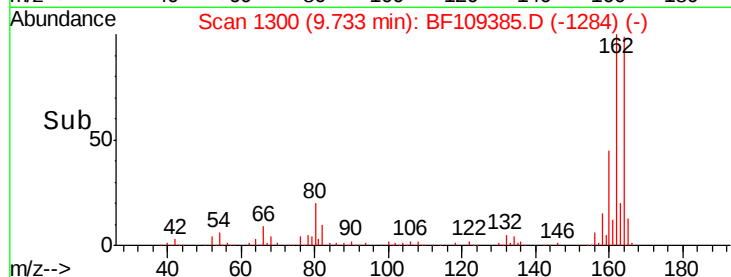
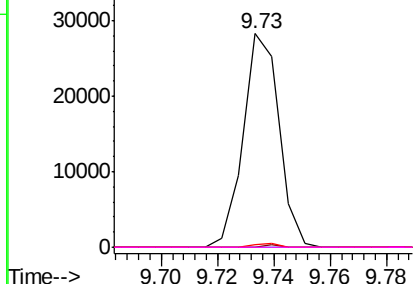
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

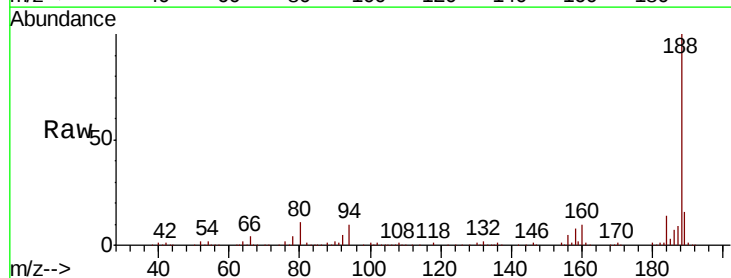
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109385.D
 Acq: 27 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8

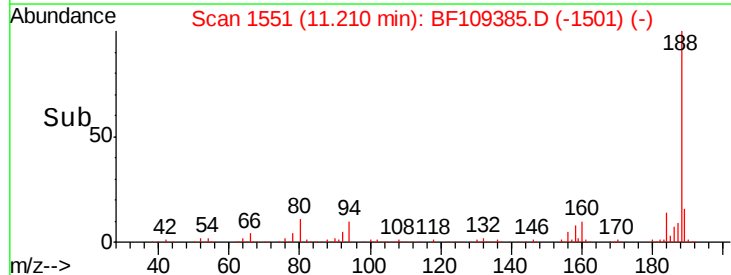
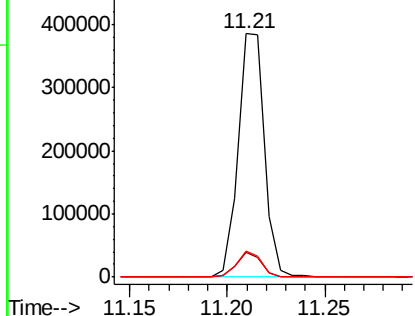


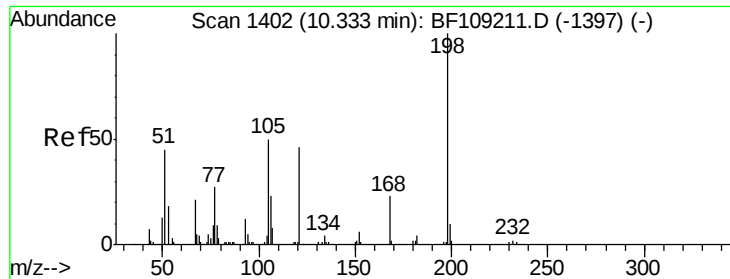
Abundance

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

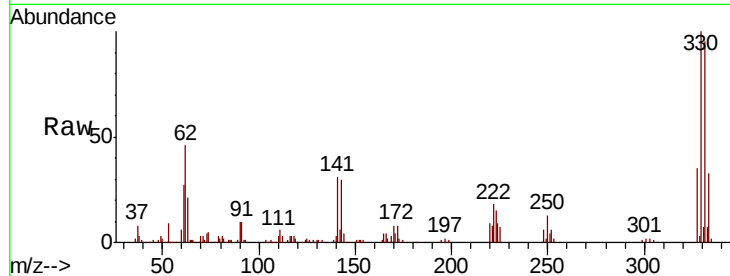




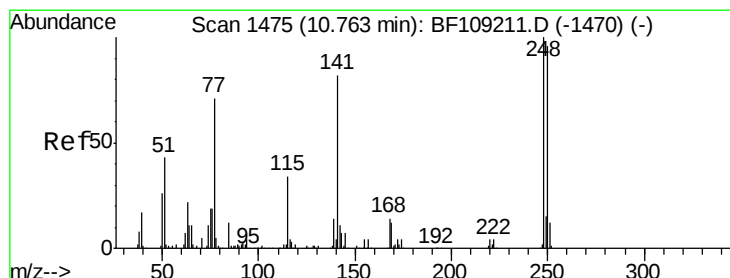
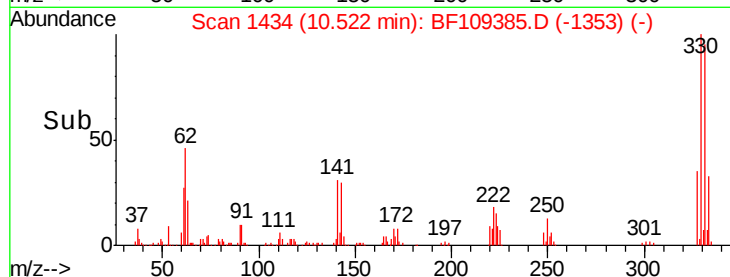
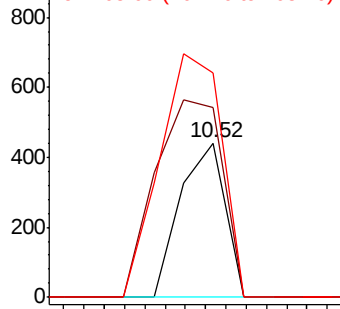
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.682 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109385.D
 Acq: 27 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 271
 Ion Ratio Lower Upper
 198 100
 51 123.4 37.7 77.7#
 105 145.6 36.3 76.3#

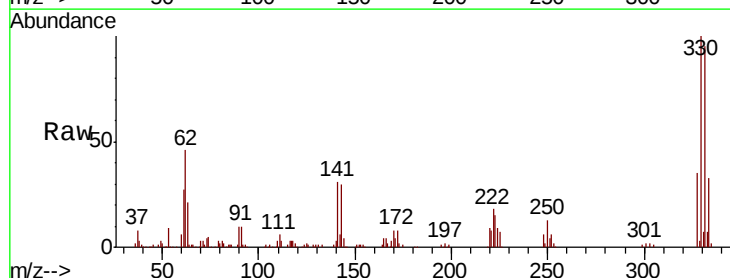


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

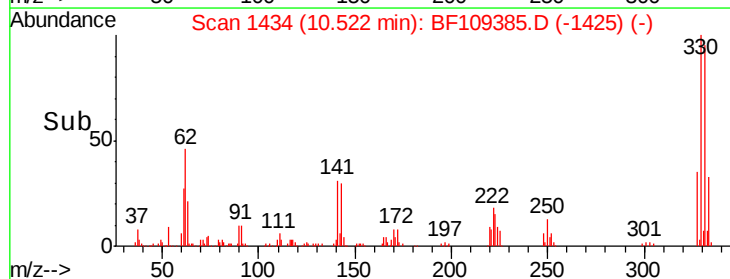
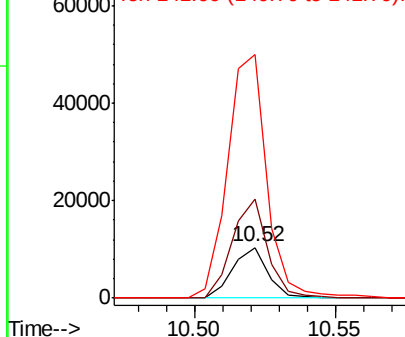


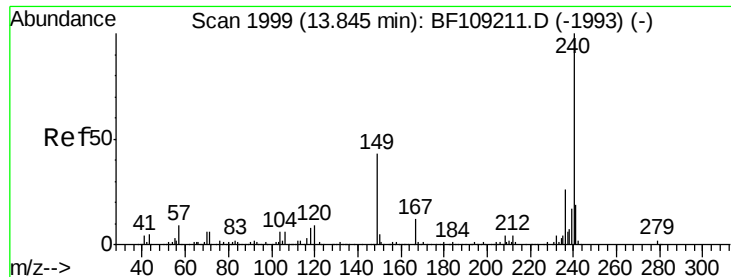
#66
 4-Bromophenyl-phenylether
 Concen: 2.250 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109385.D
 Acq: 27 Sep 2018 14:27

Tgt Ion:248 Resp: 9000
 Ion Ratio Lower Upper
 248 100
 250 197.0 76.9 115.3#
 141 483.3 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: BF109385.D

Acq: 27 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

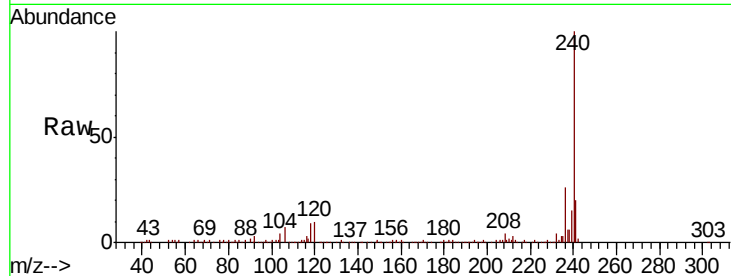
Tot Ion:240 Resp: 240908

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

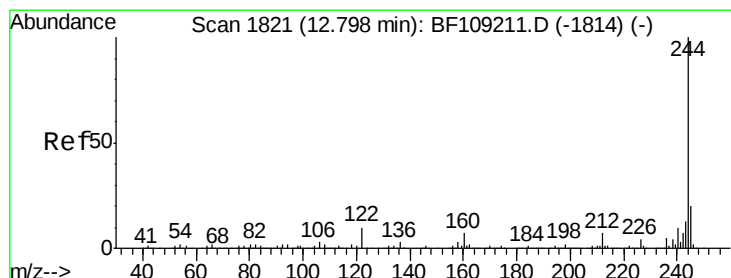
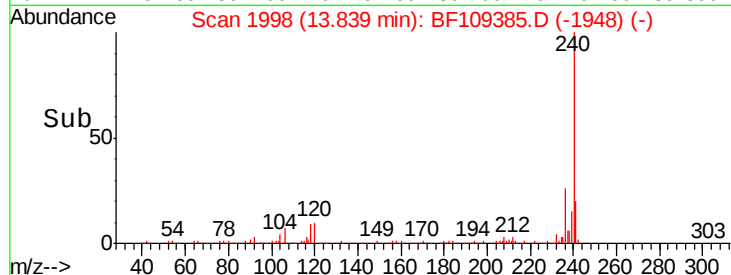
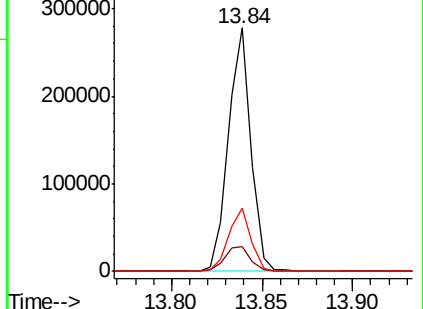
236 26.2 20.7 31.1



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: 62.055 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109385.D

Acq: 27 Sep 2018 14:27

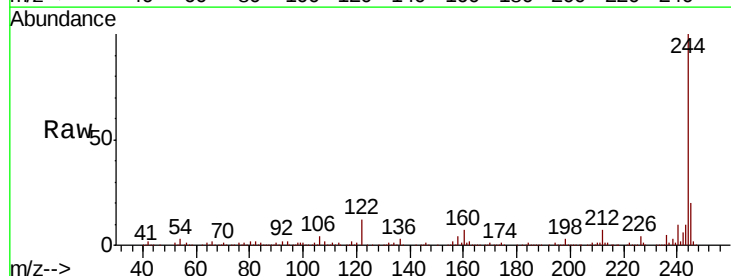
Tgt Ion:244 Resp: 609154

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

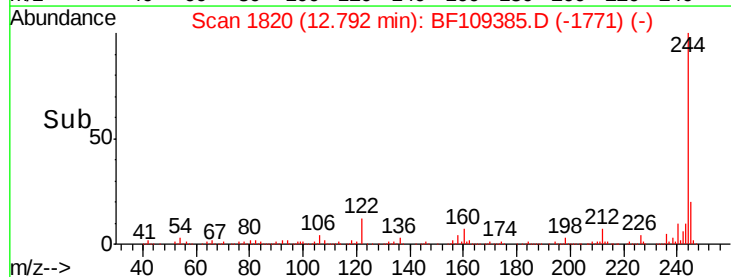
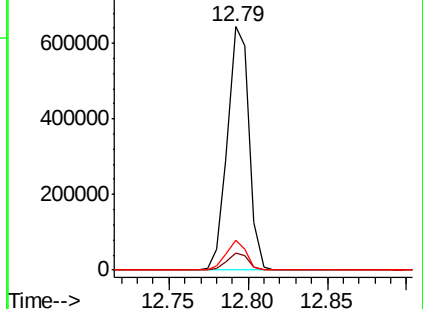
122 12.2 11.0 16.4

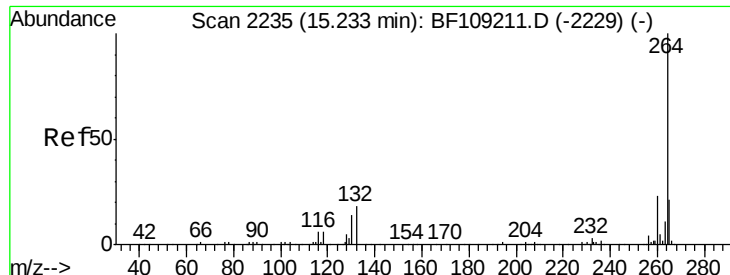


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

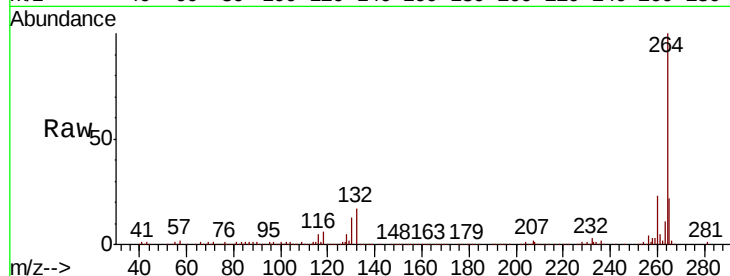




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	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

