

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109008.D
 Acq On : 14 Sep 2018 21:19
 Operator : JU/SJ
 Sample : J4892-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-04-091218

Quant Time: Sep 15 00:10:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

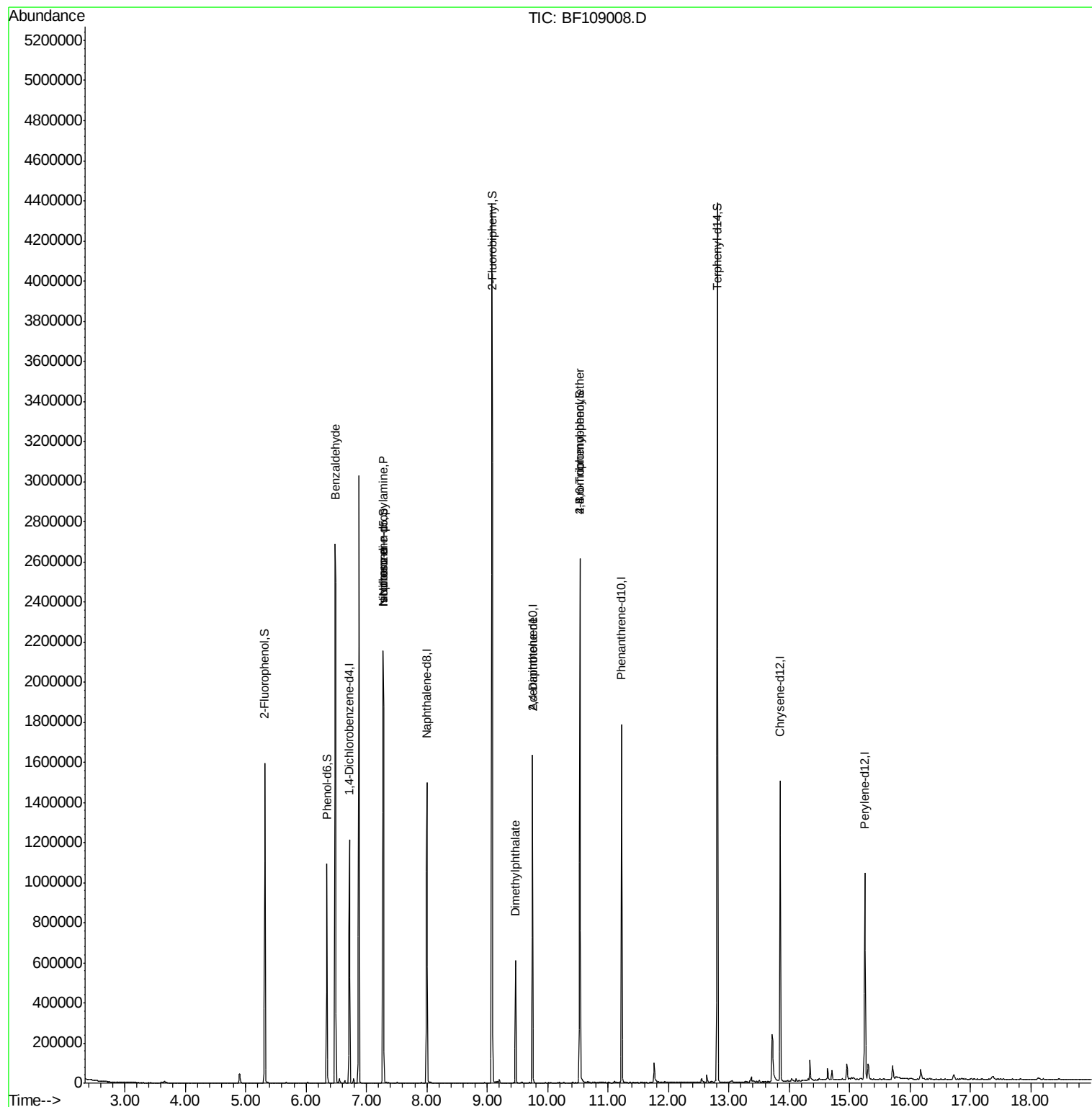
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160171	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	628991	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	311220	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	618893	20.00	ng	0.00
75) Chrysene-d12	13.85	240	507523	20.00	ng	-0.01
86) Perylene-d12	15.25	264	447287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	408311	42.34	ng	0.00
7) Phenol-d6	6.34	99	329073	26.46	ng	-0.02
23) Nitrobenzene-d5	7.28	82	786466	70.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	342619	101.44	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1381834	69.56	ng	0.00
78) Terphenyl-d14	12.81	244	1548578	72.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	18245	2.297	ng	# 72
19) n-Nitroso-di-n-propylamine	7.28	70	106217	12.922	ng	# 77
25) Isophorone	7.28	82	781689	40.550	ng	# 64
49) Dimethylphthalate	9.47	163	248471	11.170	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	39423	6.111	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	20935	3.000	ng	# 1

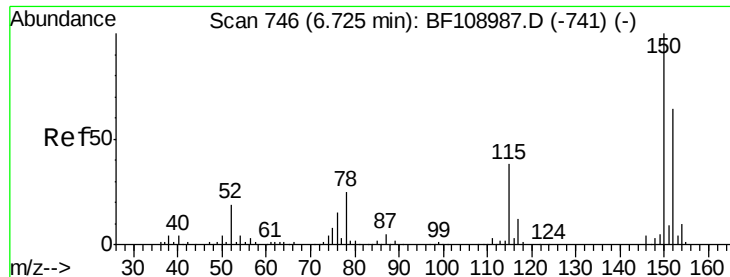
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109008.D
Acq On : 14 Sep 2018 21:19
Operator : JU/SJ
Sample : J4892-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-MW-04-091218

Quant Time: Sep 15 00:10:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



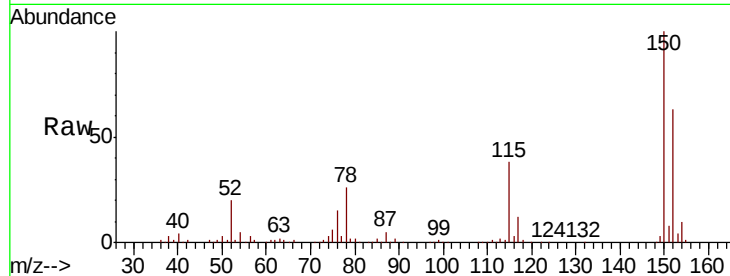


#1

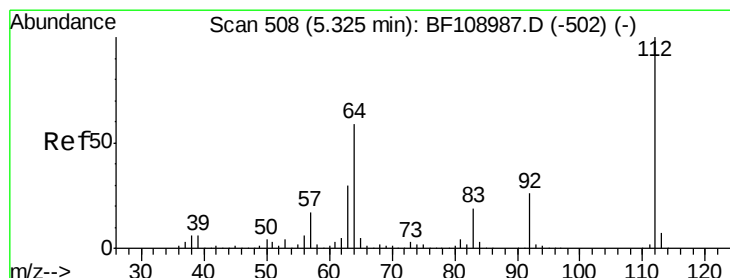
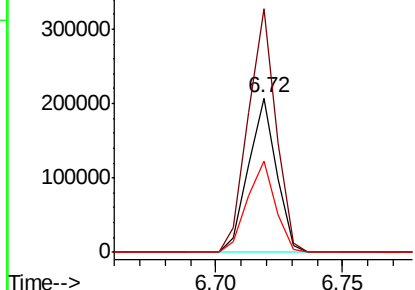
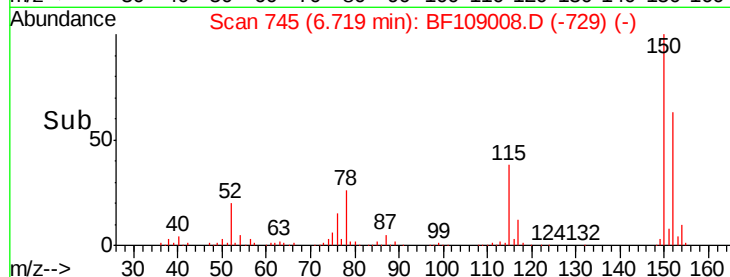
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
PR-MW-04-091218

Tgt Ion:152 Resp: 160171
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.3 50.1 75.1



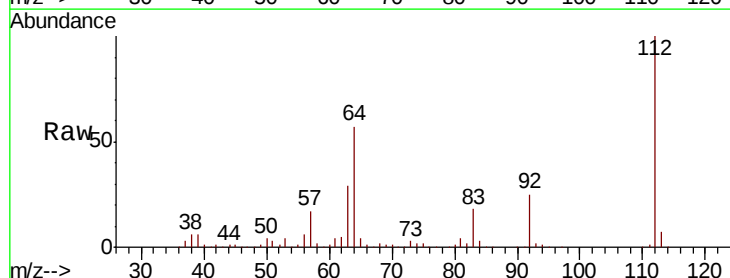
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



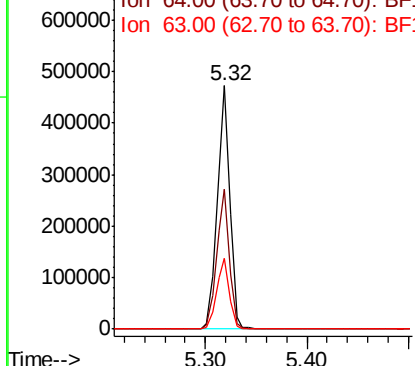
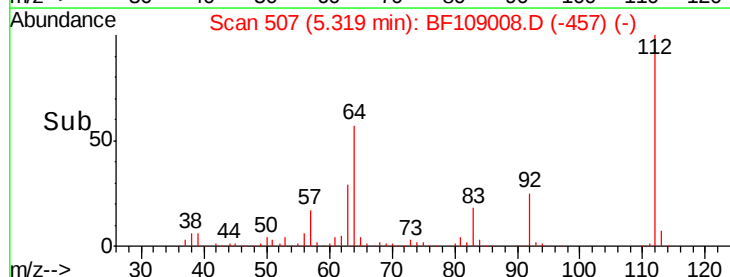
#5

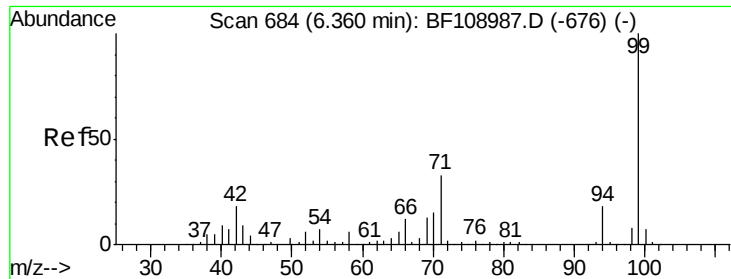
2-Fluorophenol
Concen: 42.340 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:112 Resp: 408311
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 29.2 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: 26.463 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109008.D

Acq: 14 Sep 2018 21:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-04-091218

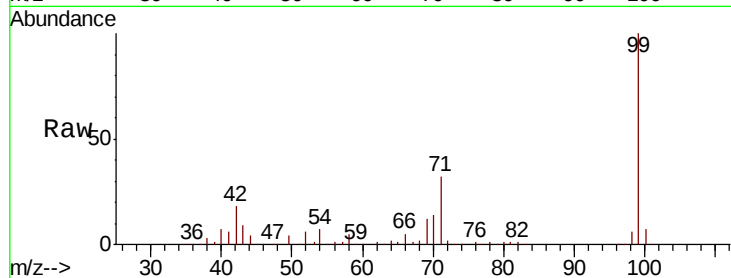
Tgt Ion: 99 Resp: 329073

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

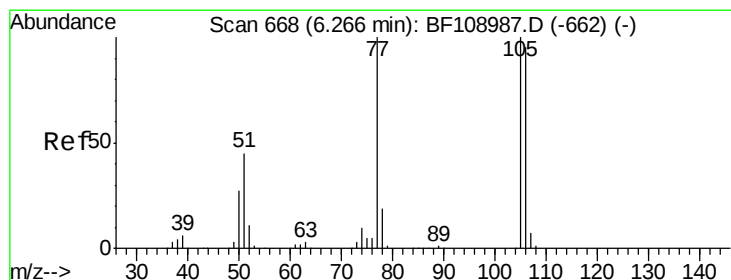
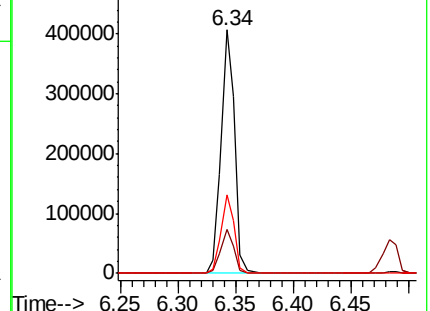
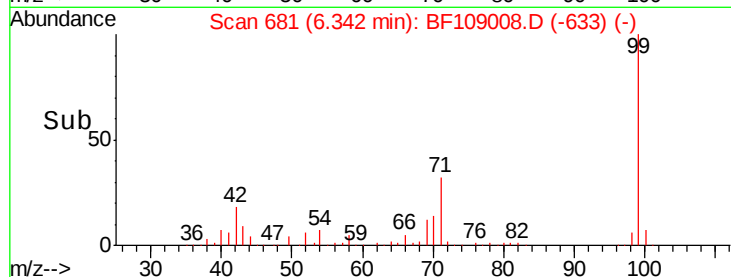
71 32.4 25.4 38.0



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: 2.297 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109008.D

Acq: 14 Sep 2018 21:19

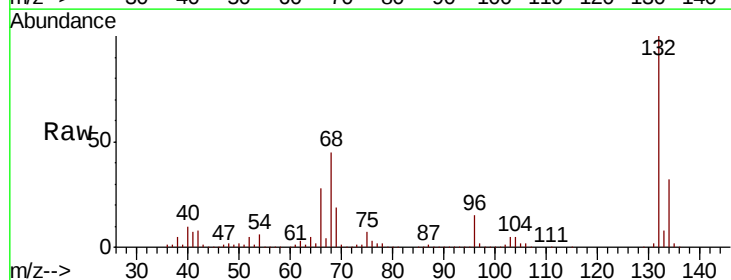
Tgt Ion: 77 Resp: 18245

Ion Ratio Lower Upper

77 100

105 74.0 81.1 121.1#

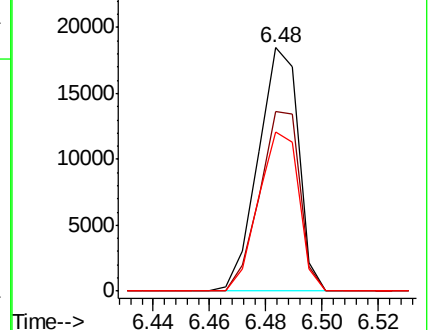
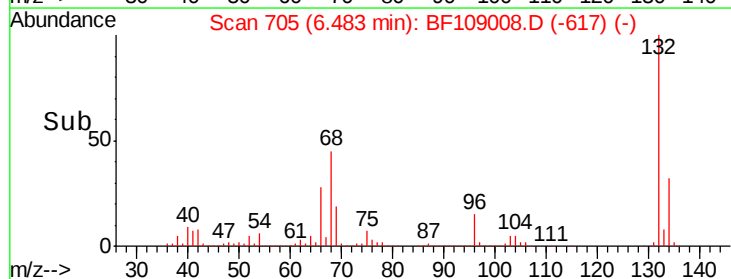
106 65.5 74.5 114.5#

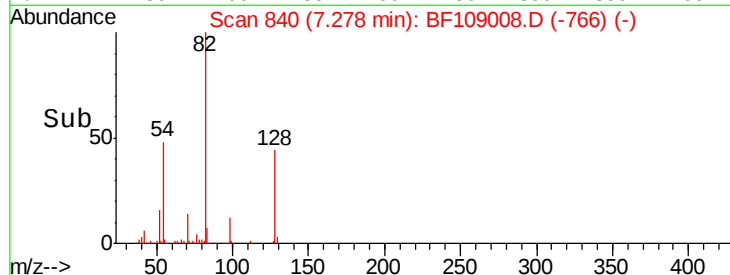
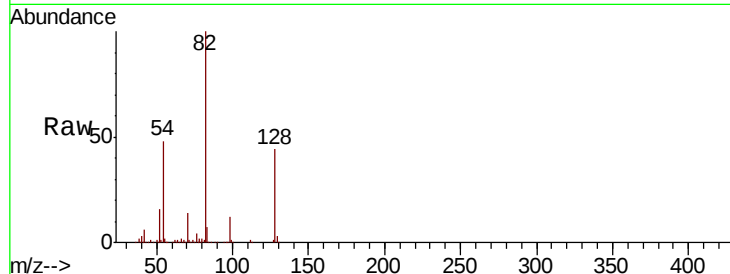
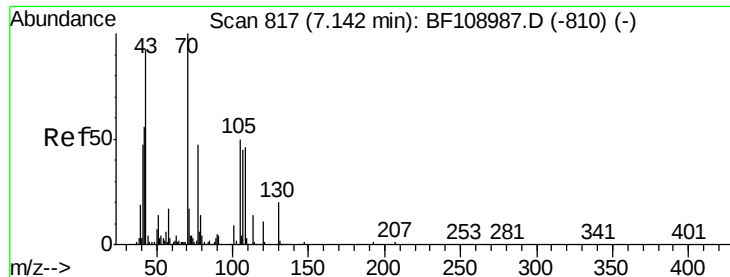


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

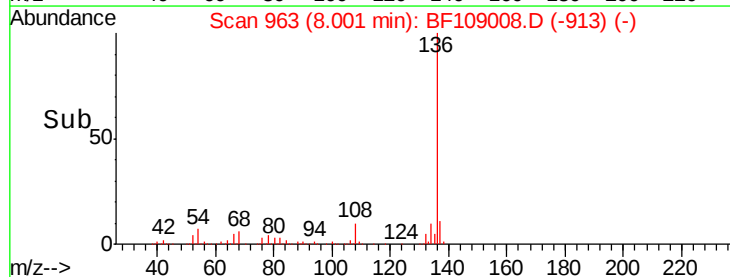
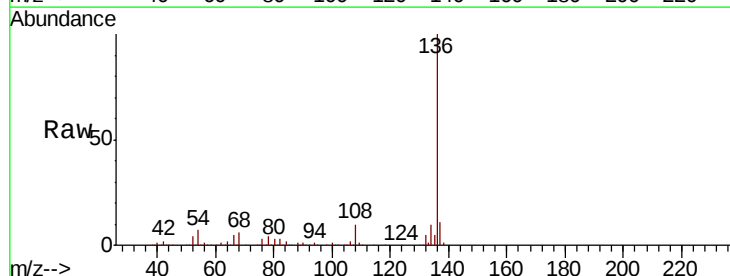
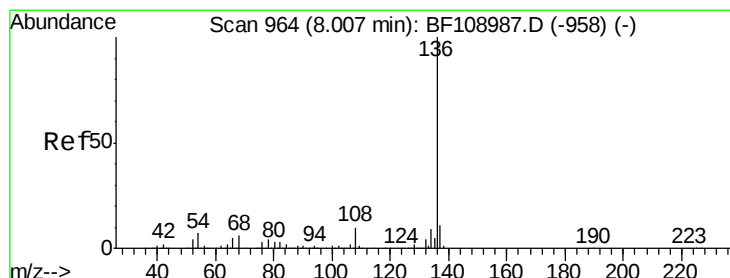
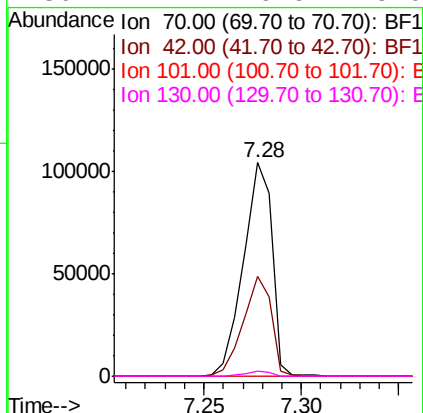




#19
n-Nitroso-di-n-propylamine
Concen: 12.922 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

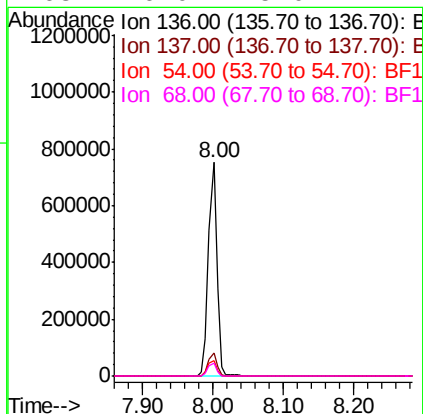
Instrument :
BNA_F
ClientSampleId :
PR-MW-04-091218

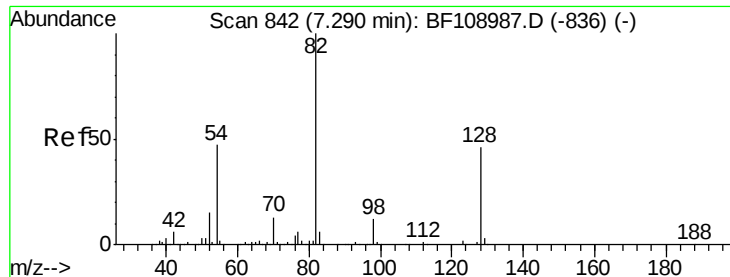
Tgt Ion:	70	Resp:	106217
Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:	136	Resp:	628991
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4

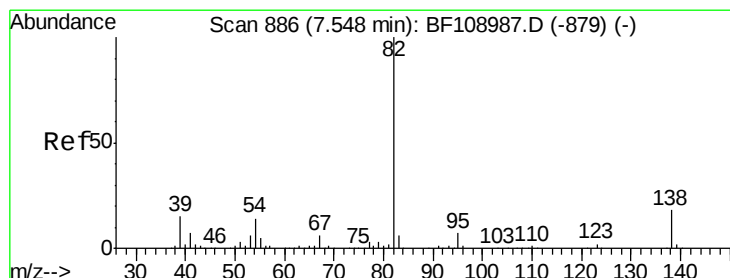
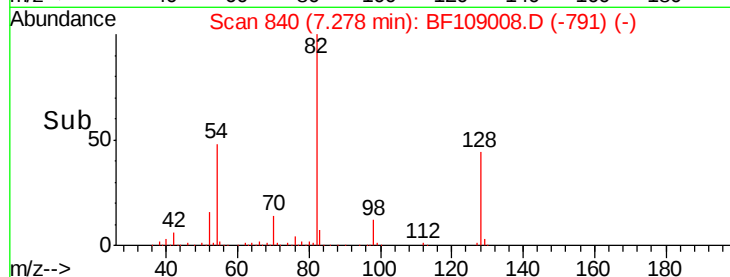
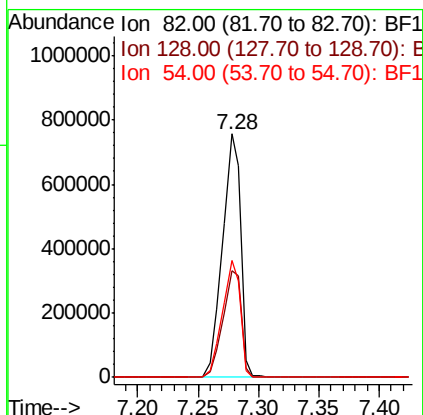
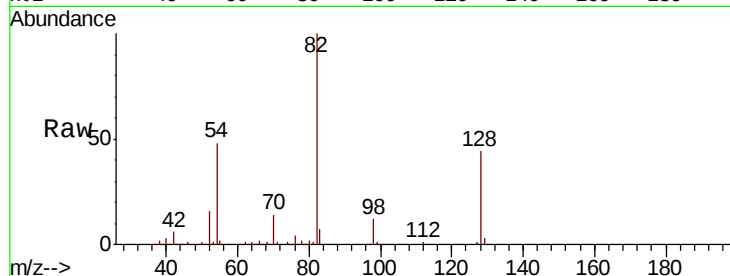




#23
 Nitrobenzene-d5
 Concen: 70.131 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109008.D
 Acq: 14 Sep 2018 21:19

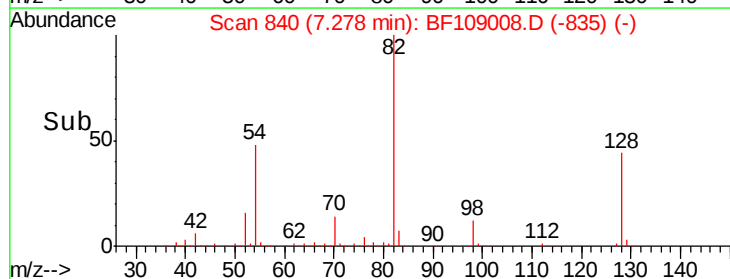
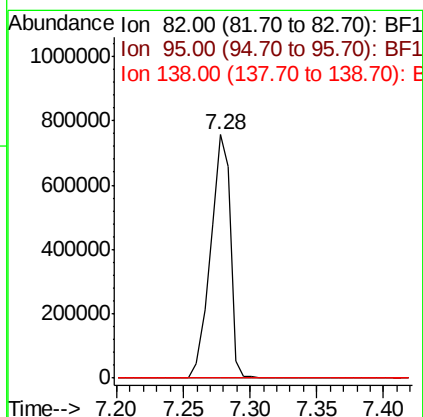
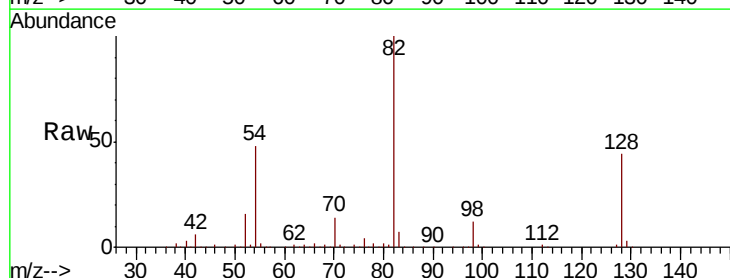
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-04-091218

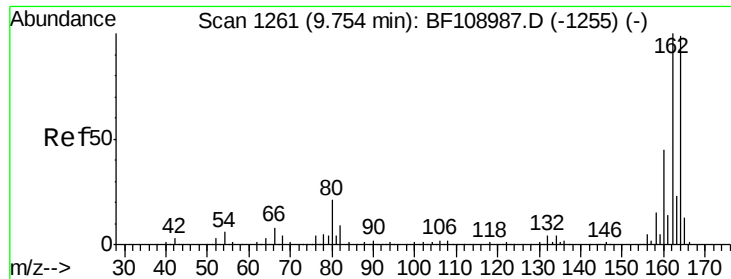
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	48.2	41.4	62.2



#25
 Isophorone
 Concen: 40.550 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.27 min
 Lab File: BF109008.D
 Acq: 14 Sep 2018 21:19

Tgt 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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109008.D

Acq: 14 Sep 2018 21:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-04-091218

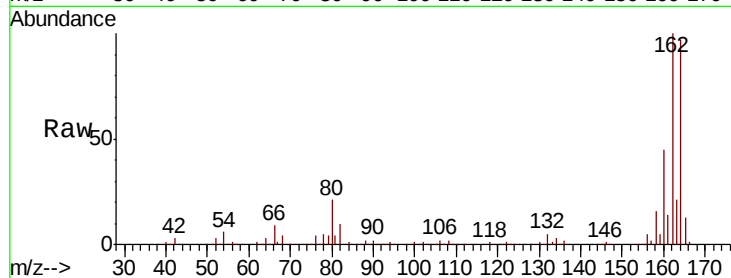
Tgt Ion:164 Resp: 311220

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

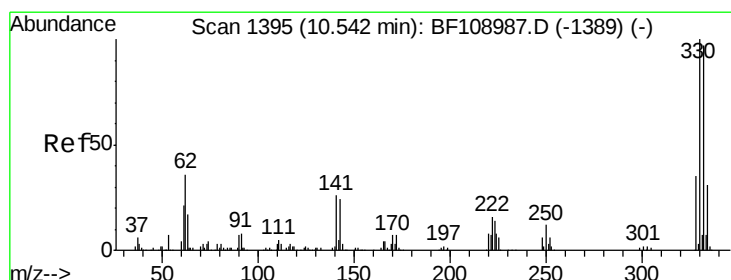
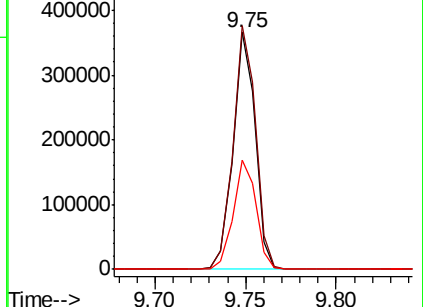
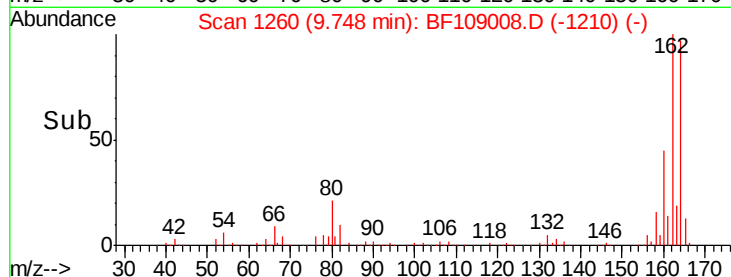
160 46.1 38.3 57.5



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: 101.440 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109008.D

Acq: 14 Sep 2018 21:19

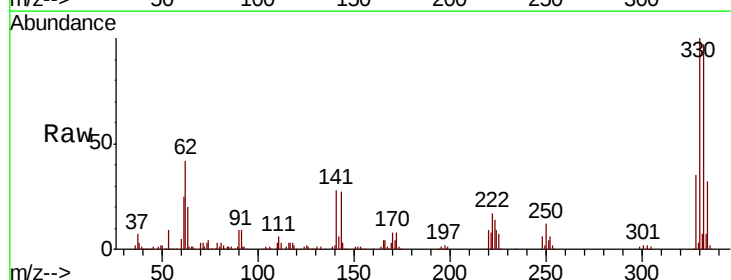
Tgt Ion:330 Resp: 342619

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

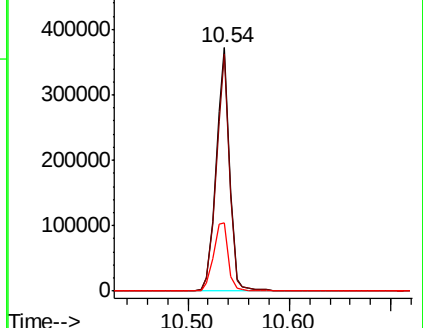
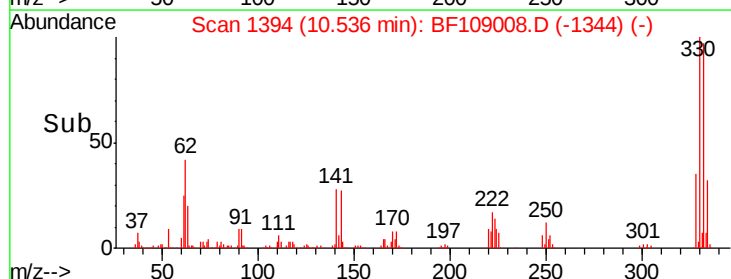
141 31.5 29.9 44.9

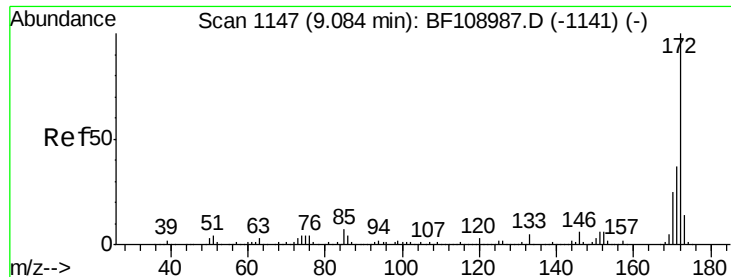


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

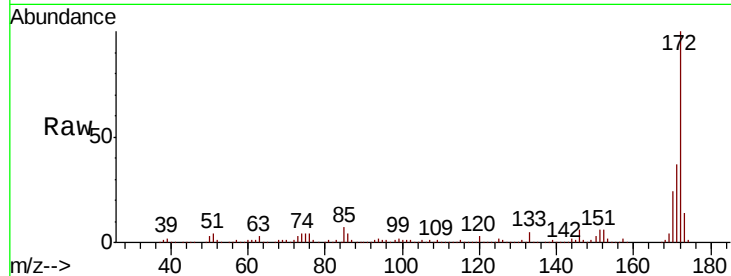




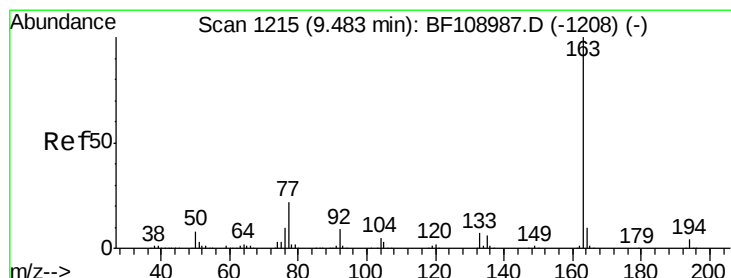
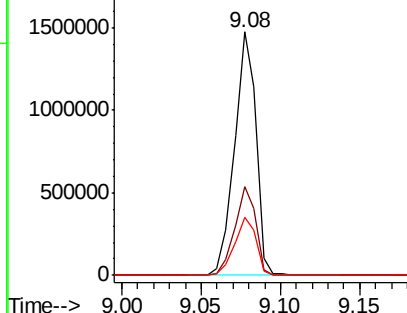
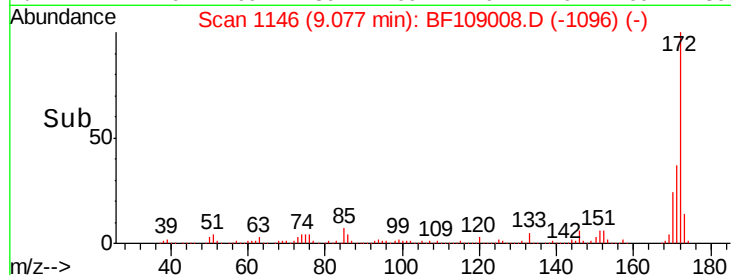
#44
 2-Fluorobiphenyl
 Concen: 69.564 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109008.D
 Acq: 14 Sep 2018 21:19

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-04-091218

Tgt Ion:172 Resp: 1381834
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.1 19.6 29.4

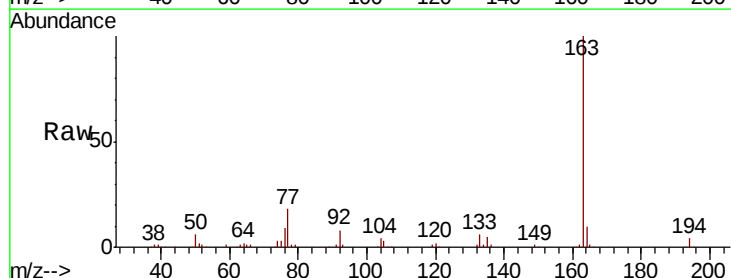


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

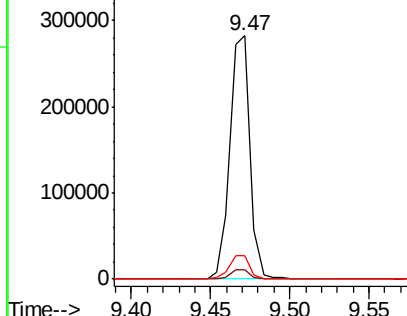
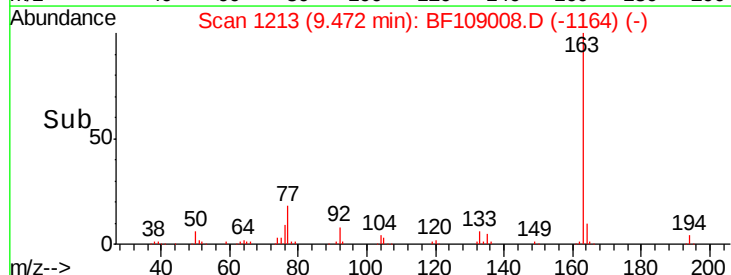


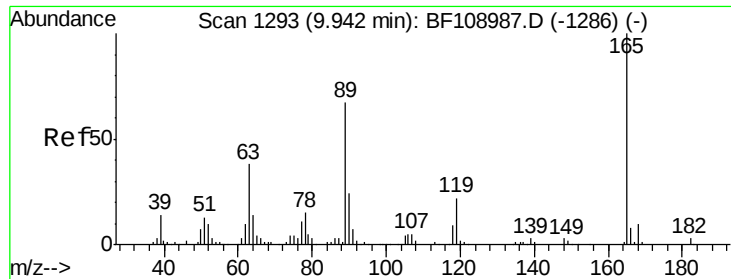
#49
 Dimethylphthalate
 Concen: 11.170 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109008.D
 Acq: 14 Sep 2018 21:19

Tgt Ion:163 Resp: 248471
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.6 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

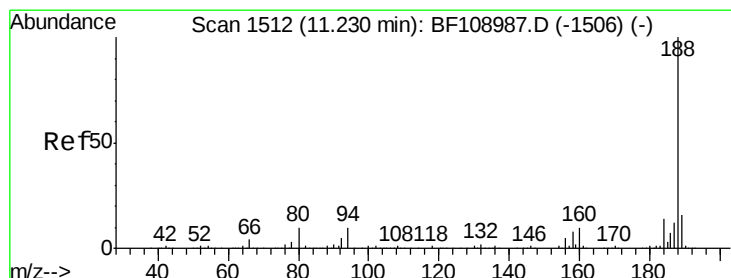
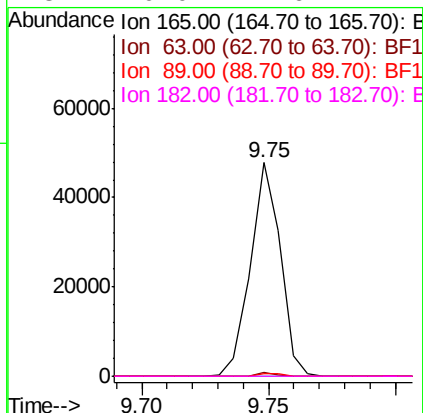
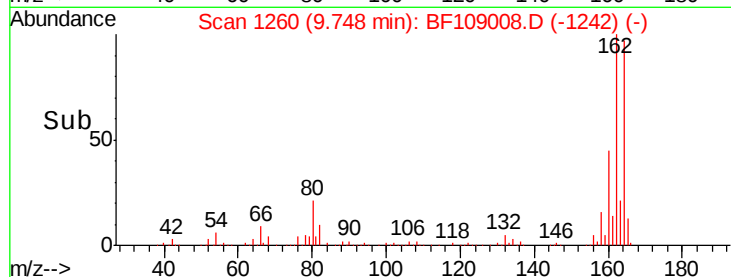
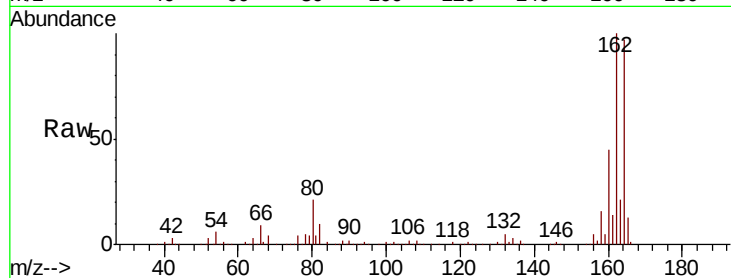




#56
 2,4-Dinitrotoluene
 Concen: 6.111 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109008.D
 Acq: 14 Sep 2018 21:19

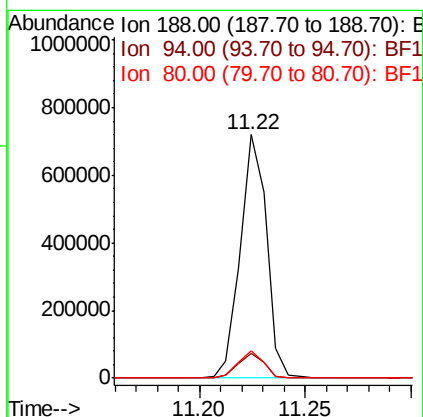
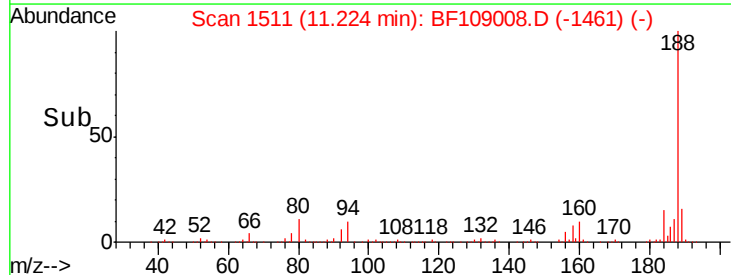
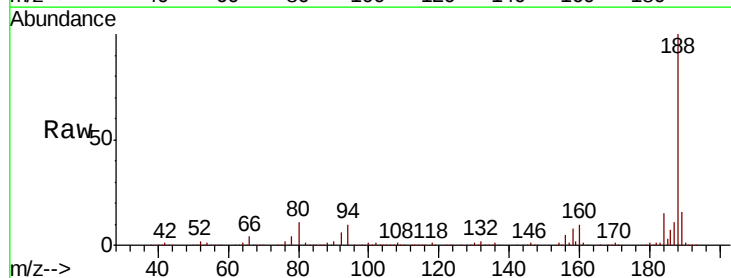
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-04-091218

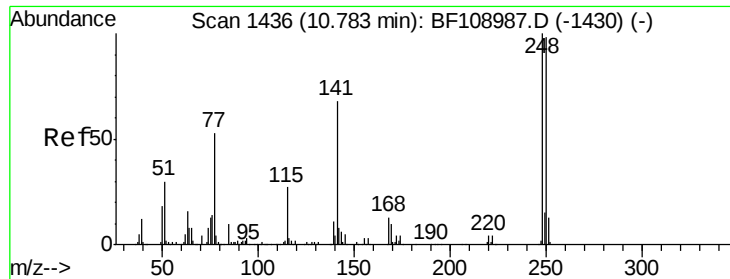
Tgt Ion:	165	Resp:	39423
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109008.D
 Acq: 14 Sep 2018 21:19

Tgt Ion:	188	Resp:	618893
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

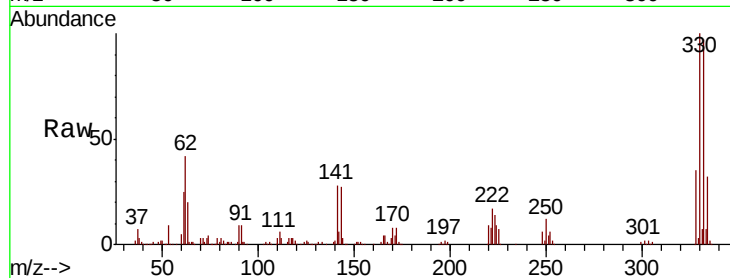




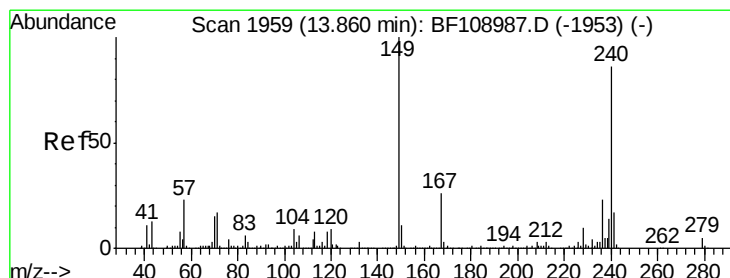
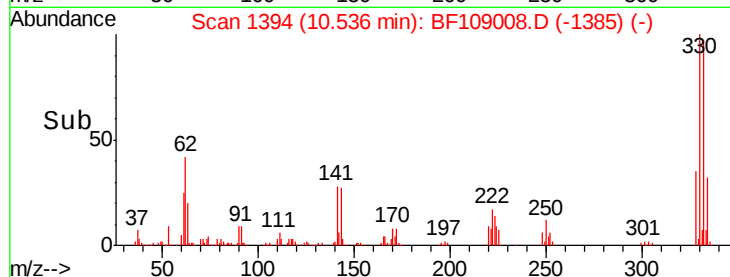
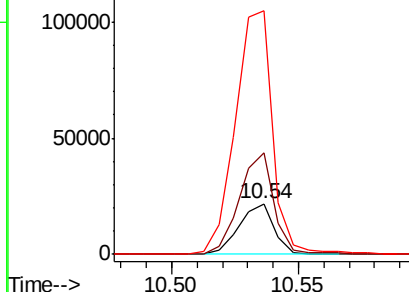
#66
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
PR-MW-04-091218

Tgt Ion:248 Resp: 20935
Ion Ratio Lower Upper
248 100
250 201.2 76.9 115.3#
141 481.4 74.4 111.6#

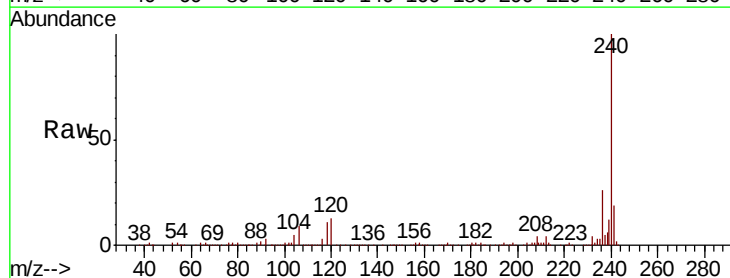


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

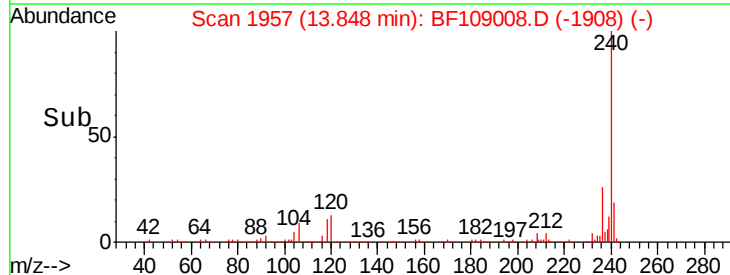
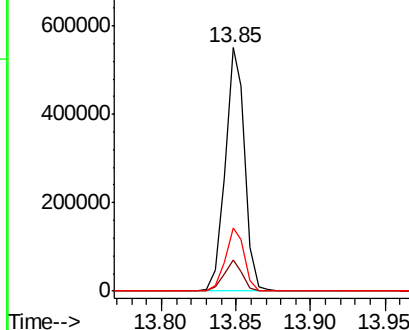


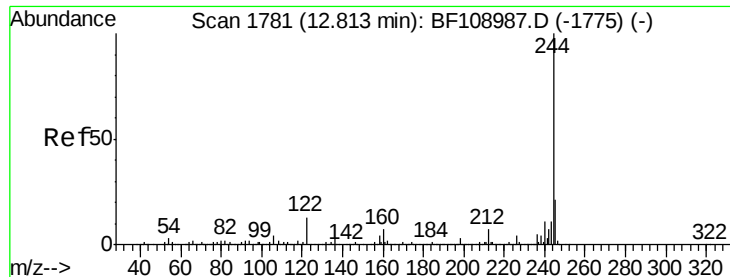
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109008.D
Acq: 14 Sep 2018 21:19

Tgt Ion:240 Resp: 507523
Ion Ratio Lower Upper
240 100
120 12.5 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





#78

Terphenyl-d14

Concen: 72.323 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109008.D

Acq: 14 Sep 2018 21:19

Instrument :

BNA_F

ClientSampleId :

PR-MW-04-091218

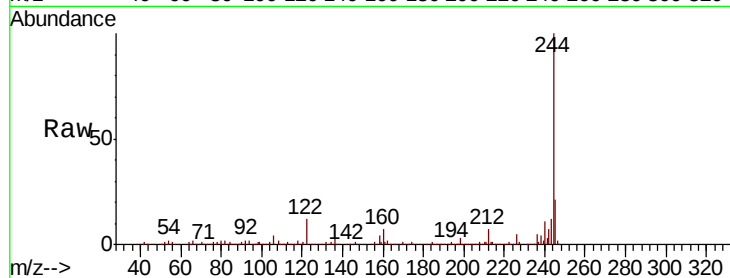
Tgt Ion:244 Resp: 1548578

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

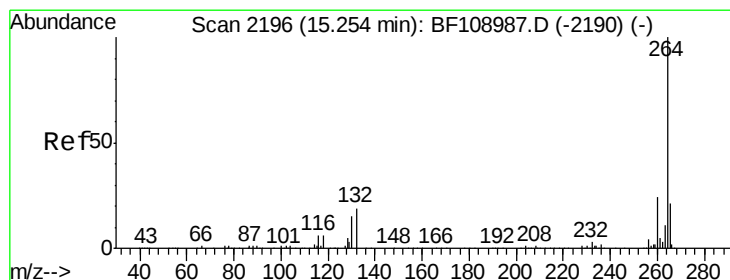
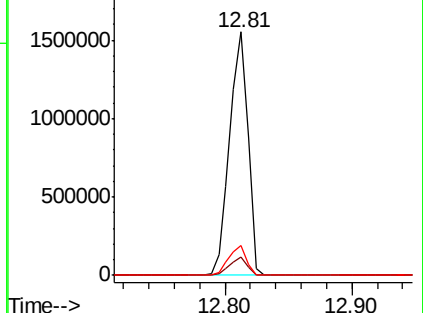
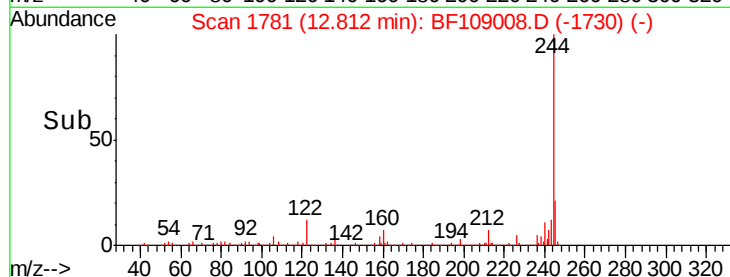
122 12.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109008.D

Acq: 14 Sep 2018 21:19

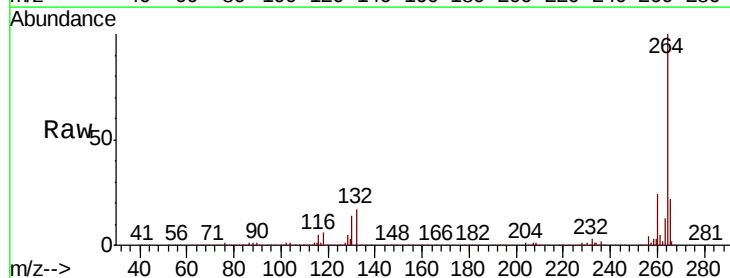
Tgt Ion:264 Resp: 447287

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 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

