

Data Path : Z:\HPCHEM1\BNA F\Data\BF010917\
 Data File : BF092136.D
 Acq On : 9 Jan 2017 14:11
 Operator : UM/SJ
 Sample : H6244-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jan 09 14:52:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

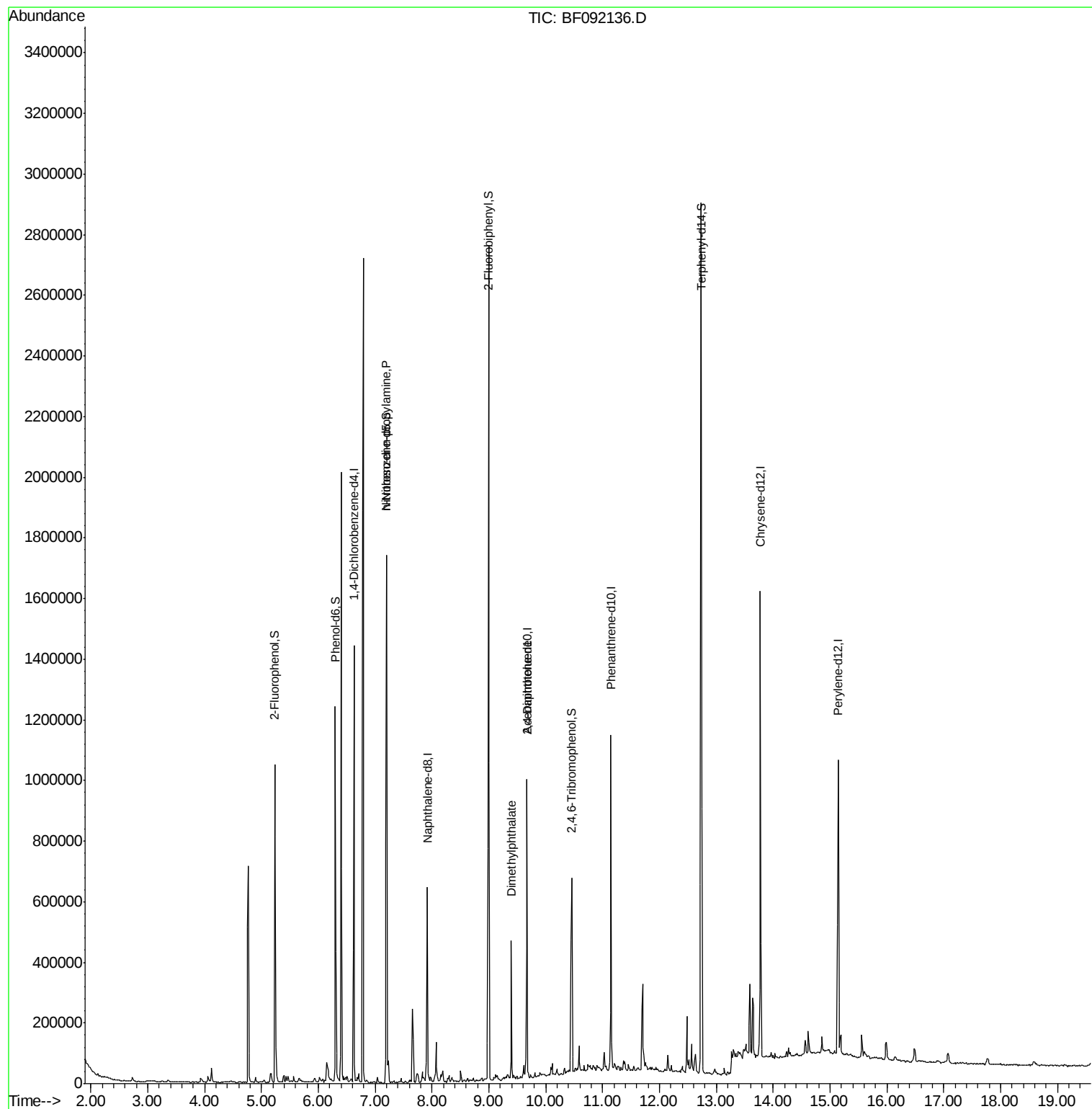
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	226901	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	424256	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	239068	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	371963	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	538609	20.00	ng	-0.01
86) Perylene-d12	15.15	264	408488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	410295	30.19	ng	0.00
7) Phenol-d6	6.30	99	436577	26.31	ng	-0.01
23) Nitrobenzene-d5	7.20	82	648687	85.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	94889	47.96	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1069343	92.84	ng	-0.01
78) Terphenyl-d14	12.73	244	991963	44.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	88884	8.05	ng	# 78
37) 2-Methylnaphthalene	8.73	142	3768	Below	Cal	94
49) Dimethylphthalate	9.40	163	161721	10.58	ng	# 99
56) 2,4-Dinitrotoluene	9.67	165	30418	7.24	ng	# 20
71) Anthracene	11.23	178	2053	Below	Cal	# 35
73) Di-n-butylphthalate	11.73	149	24428	Below	Cal	98
74) Fluoranthene	12.36	202	1475	Below	Cal	69

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

MW-5

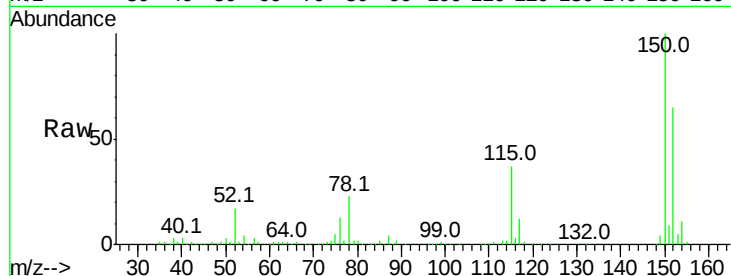
Tot Ion:152 Resp: 226901

Ion Ratio Lower Upper

152 100

150 154.1 124.9 187.3

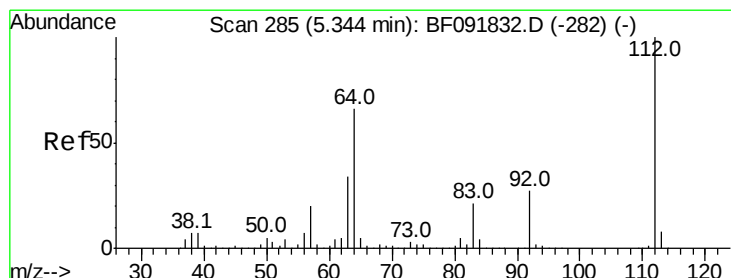
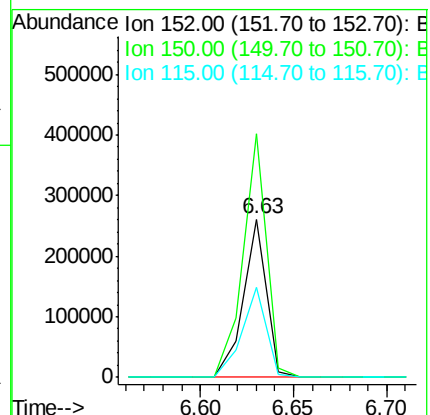
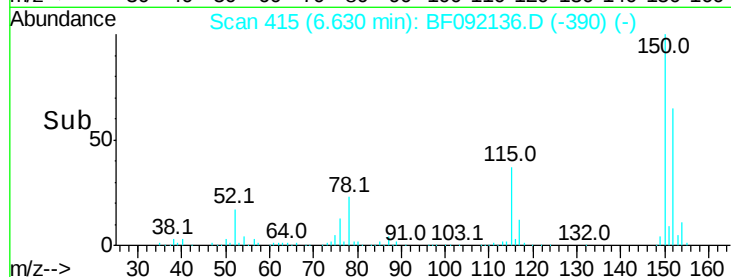
115 56.9 46.0 69.0



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: 30.19 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

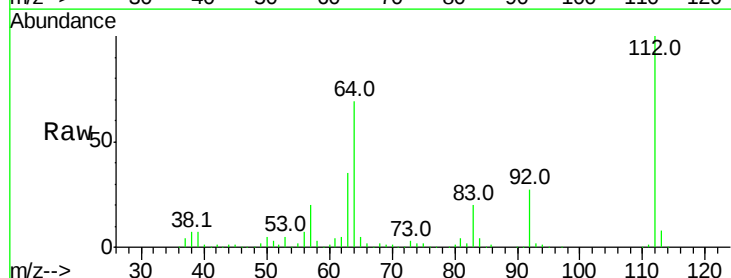
Tgt Ion:112 Resp: 410295

Ion Ratio Lower Upper

112 100

64 69.5 46.1 69.1#

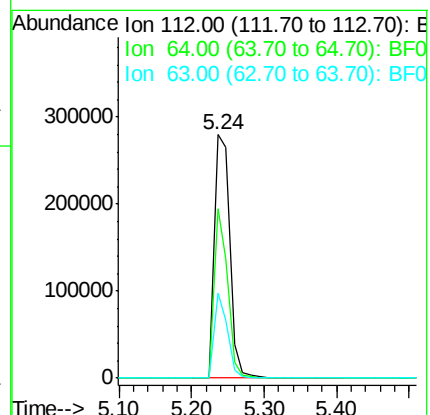
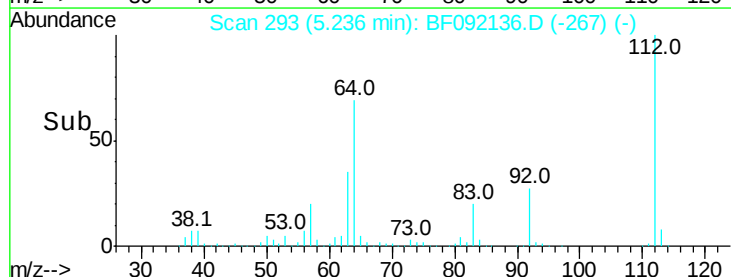
63 35.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.31 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

MW-5

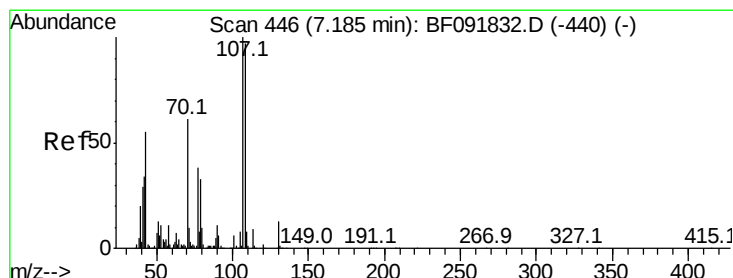
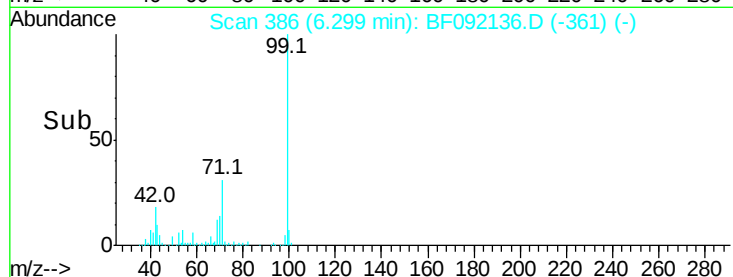
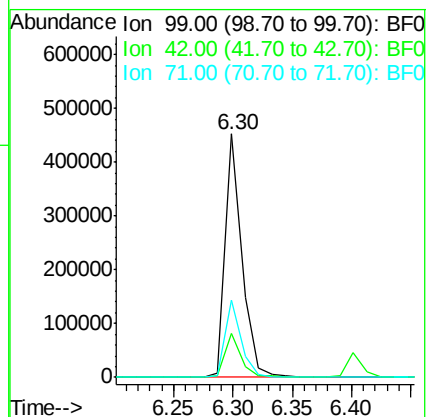
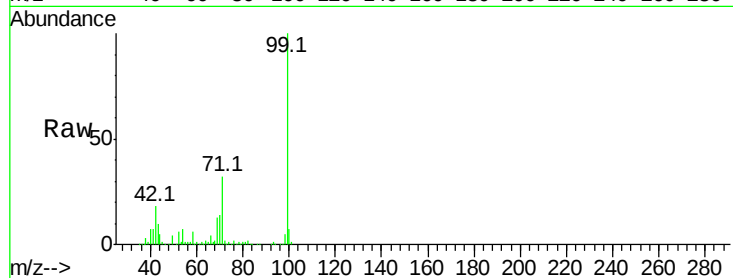
Tot Ion: 99 Resp: 436577

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 31.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 8.05 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Tgt Ion: 70 Resp: 88884

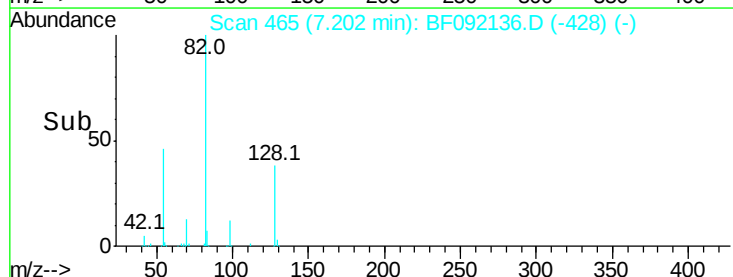
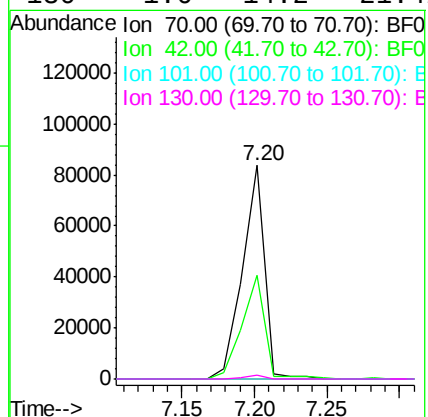
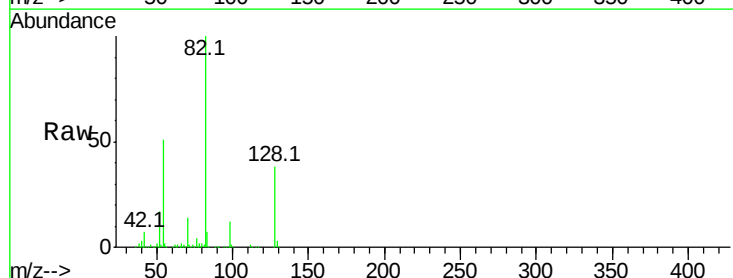
Ion Ratio Lower Upper

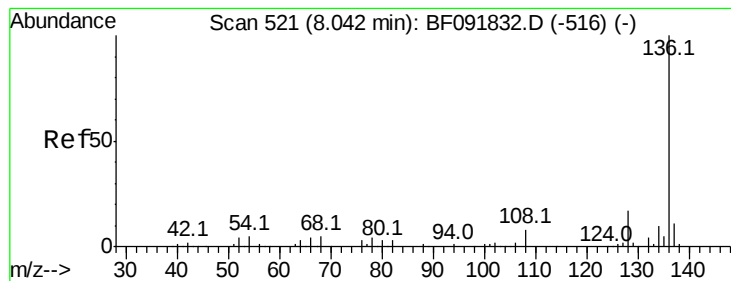
70 100

42 48.7 49.4 74.0#

101 0.0 7.4 11.2#

130 1.6 14.2 21.4#

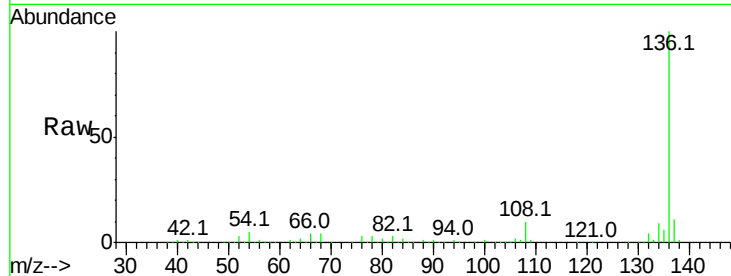




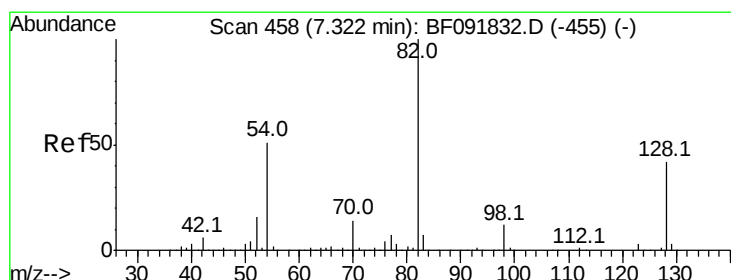
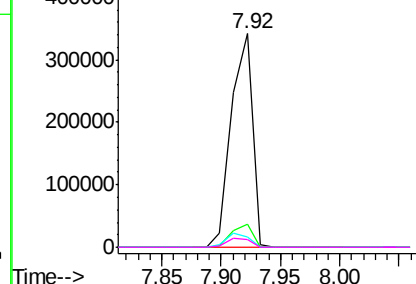
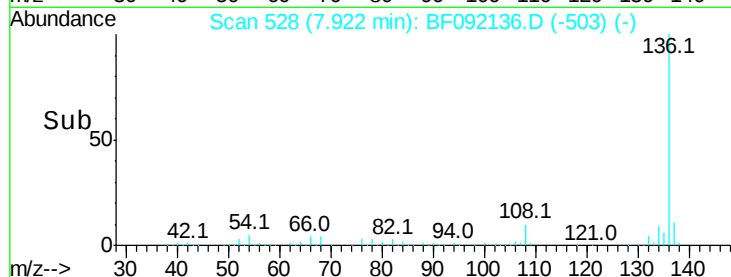
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092136.D
Acq: 9 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:136	Resp:	424256
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.4 12.6
54	5.0	4.5 6.7
68	3.6	3.6 5.4

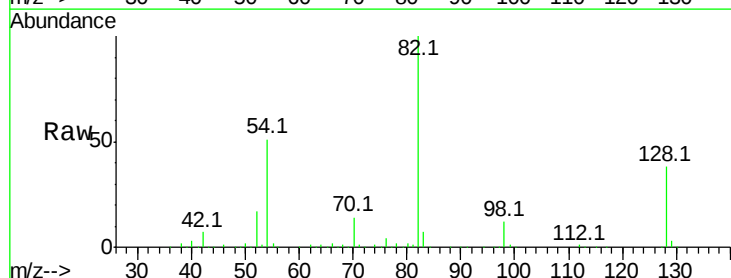


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

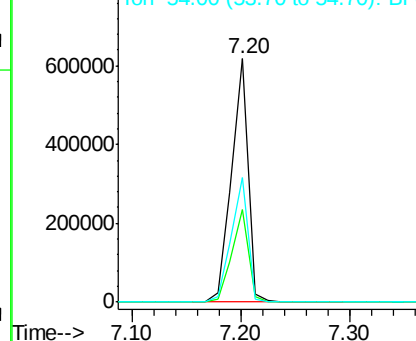
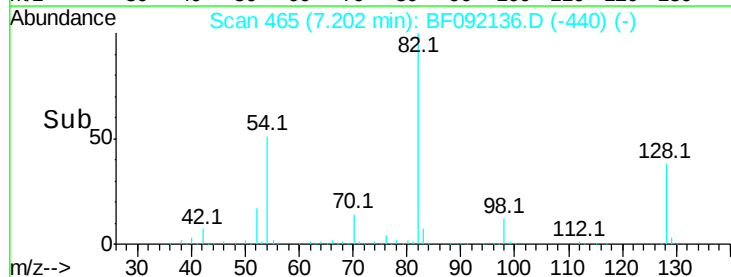


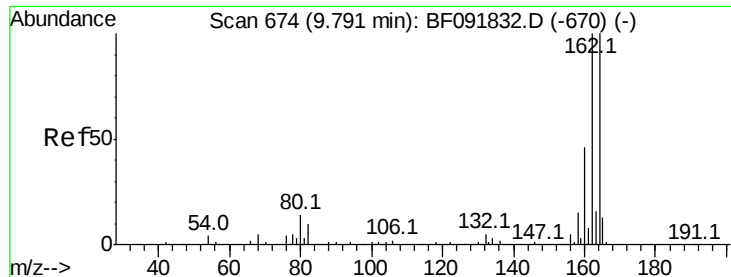
#23
Nitrobenzene-d5
Concen: 85.02 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092136.D
Acq: 9 Jan 2017 14:11

Tgt Ion: 82	Resp:	648687
Ion	Ratio	Lower Upper
82	100	
128	38.0	34.6 52.0
54	51.3	39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

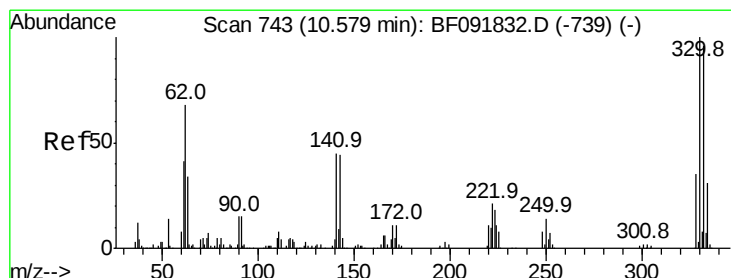
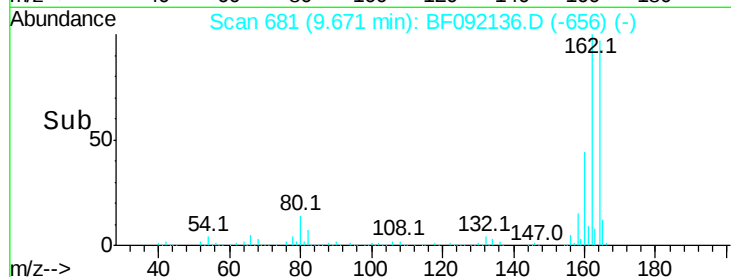
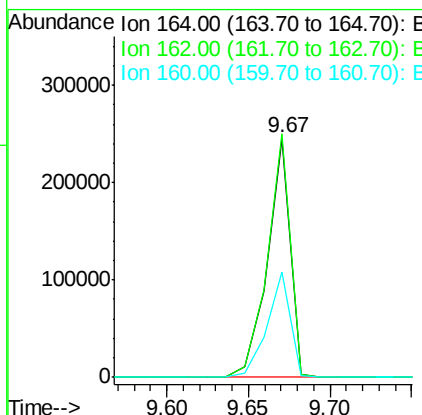
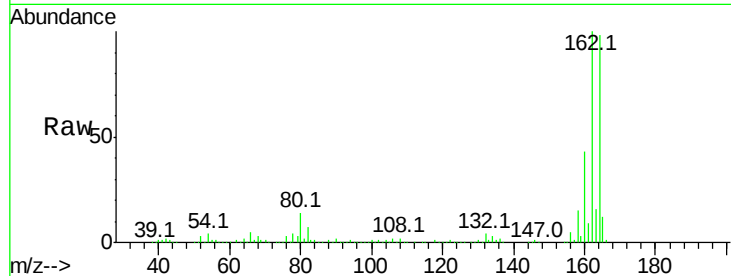




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

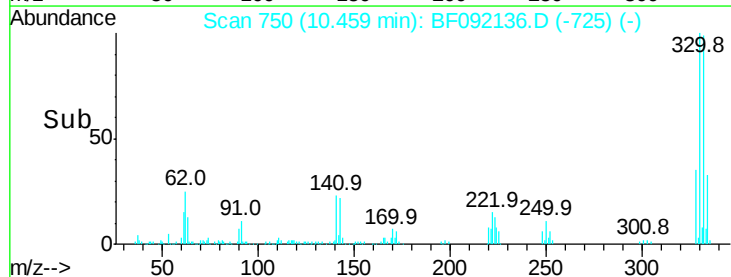
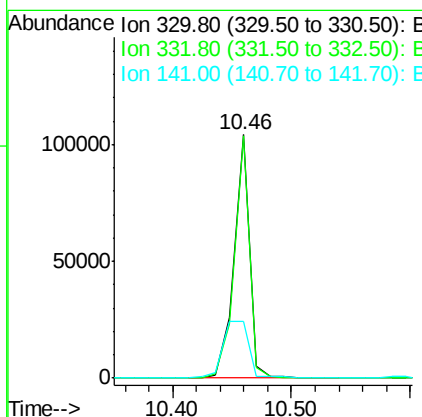
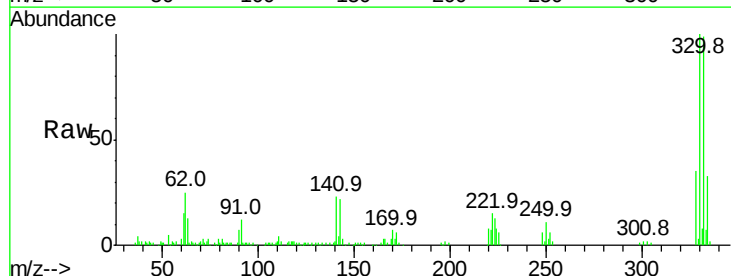
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:164 Resp: 239068
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 44.3 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 47.96 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Tgt Ion:330 Resp: 94889
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 38.3 34.1 51.1



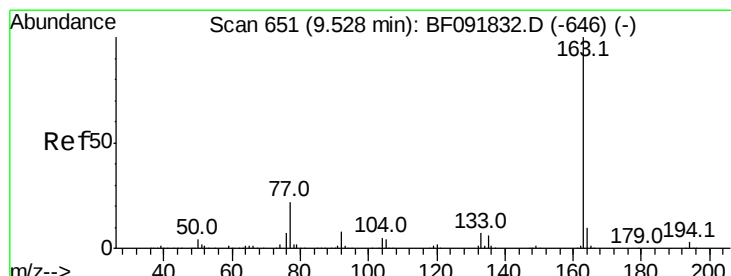
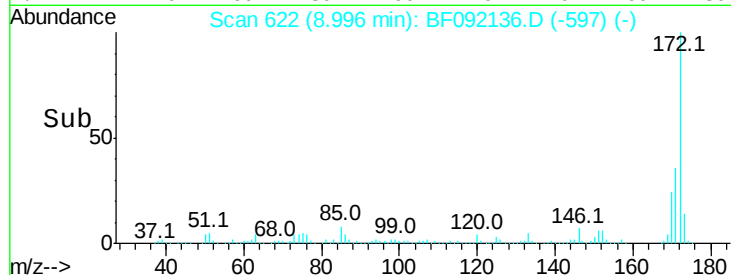
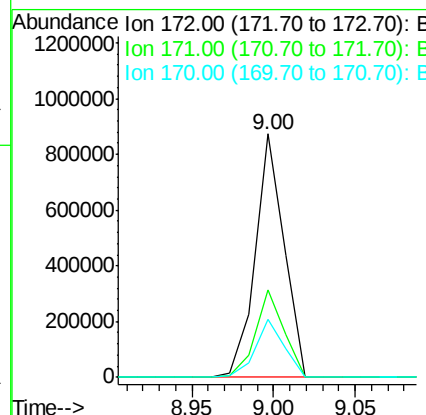
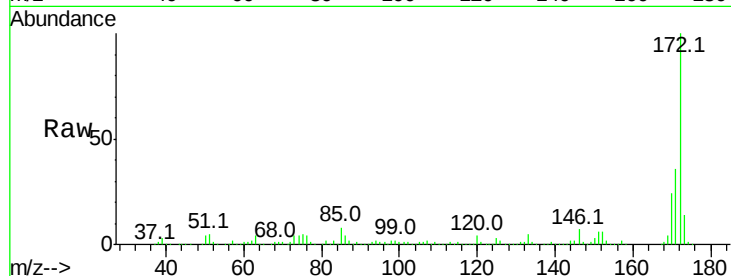


#44
 2-Fluorobiphenyl
 Concen: 92.84 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampled :
 MW-5

Tot Ion:172 Resp: 1069343

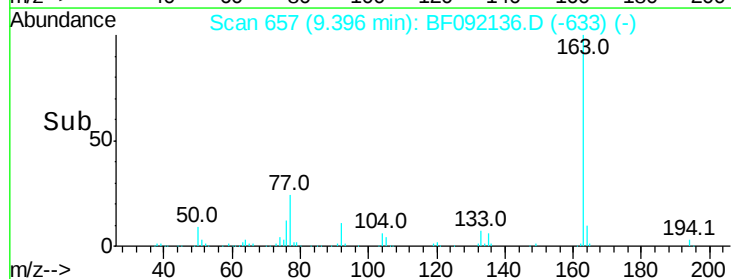
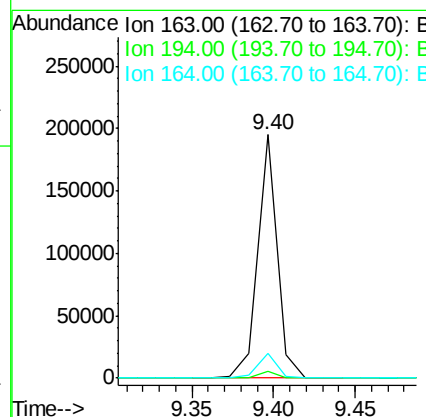
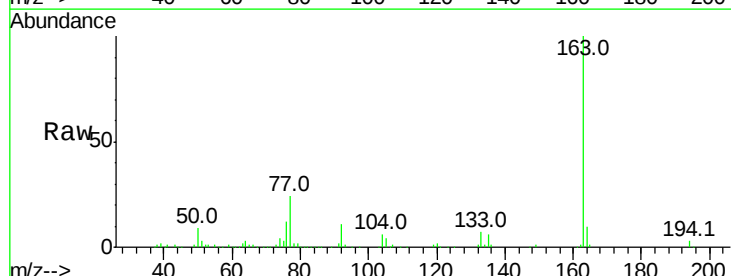
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.8	20.2	30.4

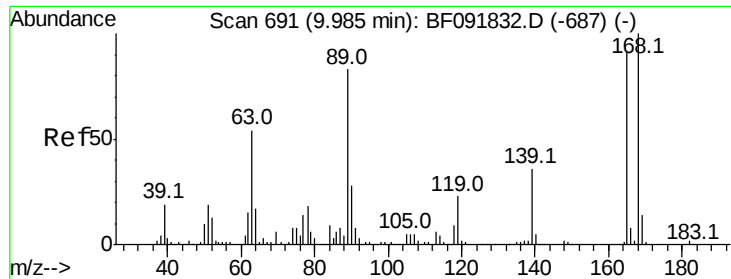


#49
 Dimethylphthalate
 Concen: 10.58 ng
 RT: 9.40 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Tgt Ion:163 Resp: 161721

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.3	8.0	12.0

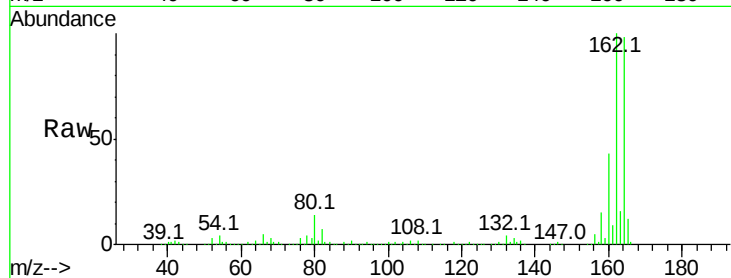




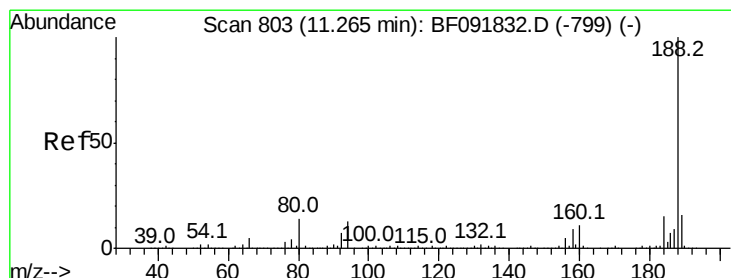
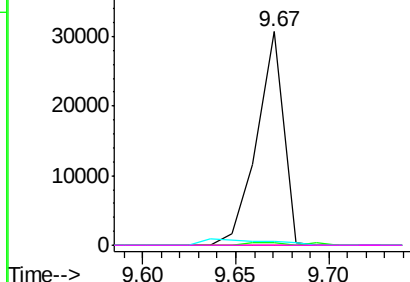
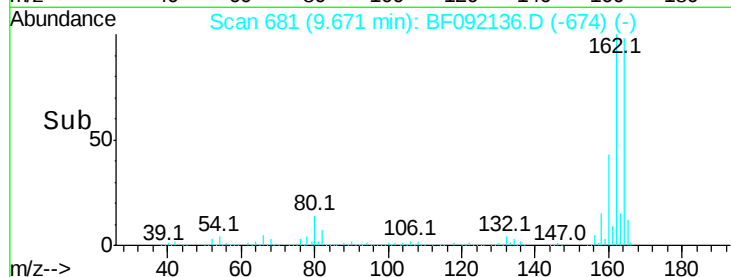
#56
 2,4-Dinitrotoluene
 Concen: 7.24 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:165 Resp: 30418
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.5 62.5 93.7#
 182 0.0 1.8 2.8#

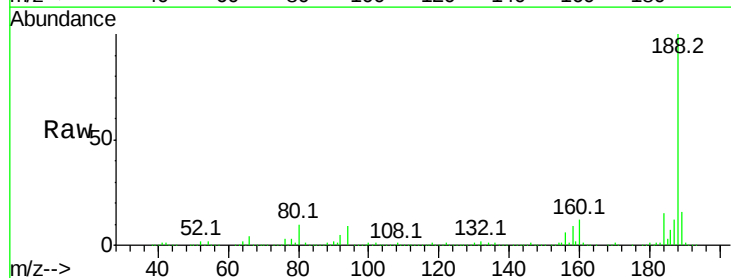


Abundance Ion 165.00 (164.70 to 165.70): E

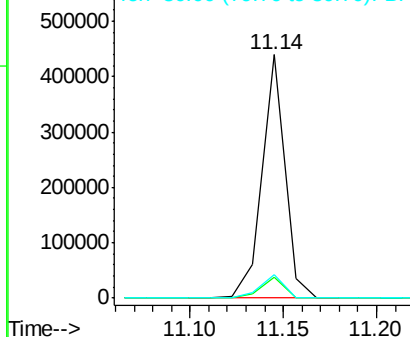
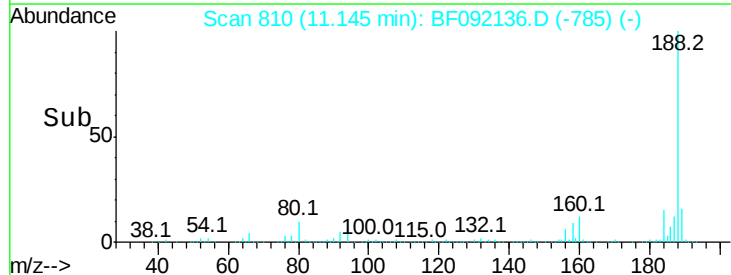


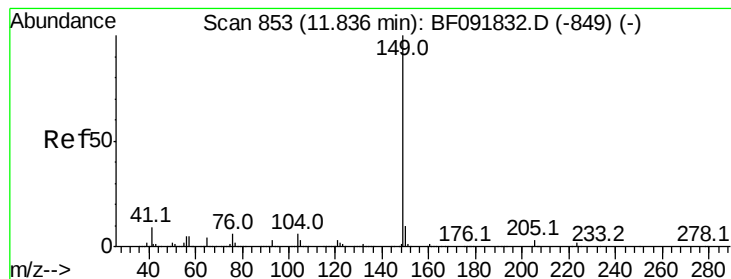
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF092136.D
 Acq: 9 Jan 2017 14:11

Tgt Ion:188 Resp: 371963
 Ion Ratio Lower Upper
 188 100
 94 8.5 10.0 15.0#
 80 9.6 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampled :

MW-5

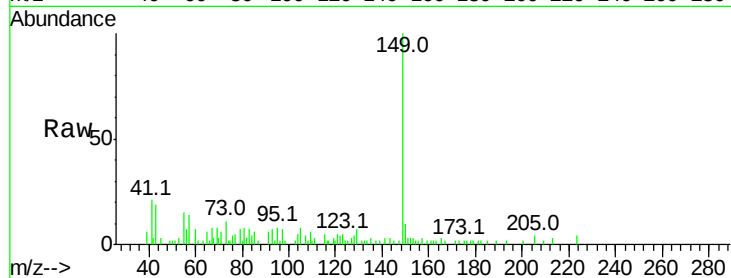
Tot Ion:149 Resp: 24428

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

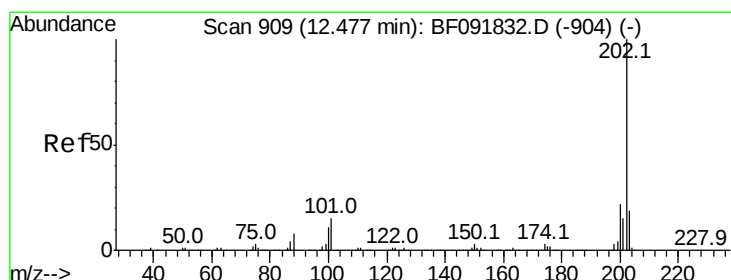
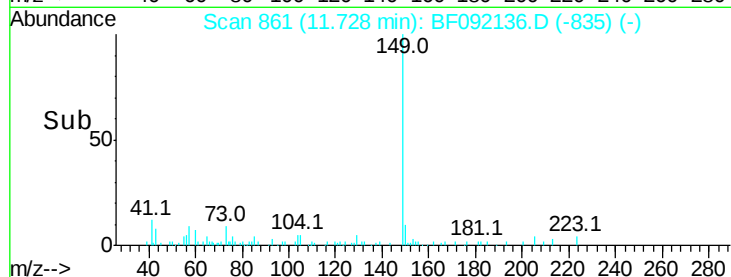
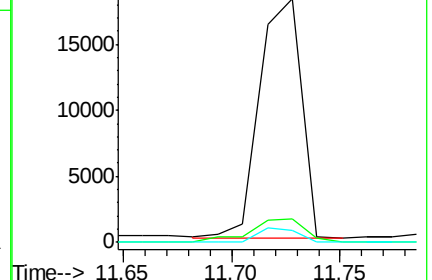
104 4.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

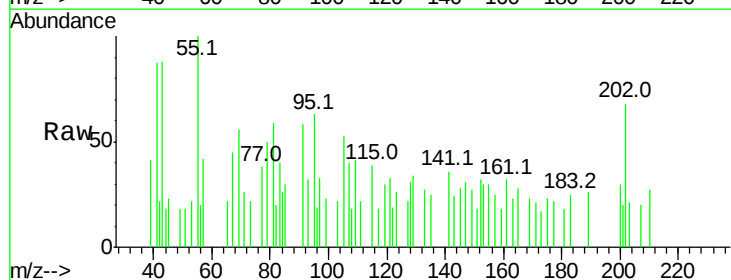
Tgt Ion:202 Resp: 1475

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

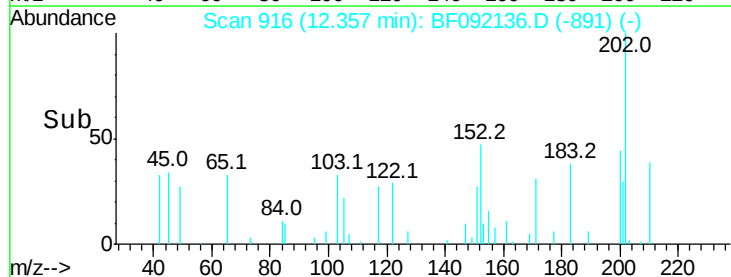
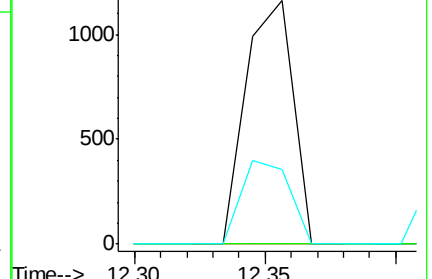
203 30.8 0.0 38.7

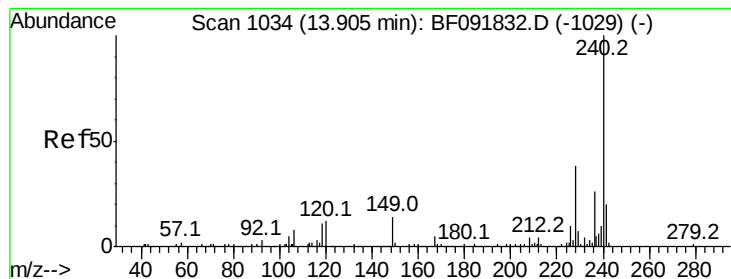


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

Instrument :

BNA_F

ClientSampled :

MW-5

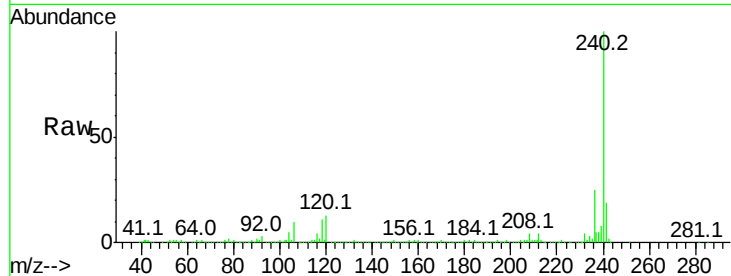
Tot Ion:240 Resp: 538609

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

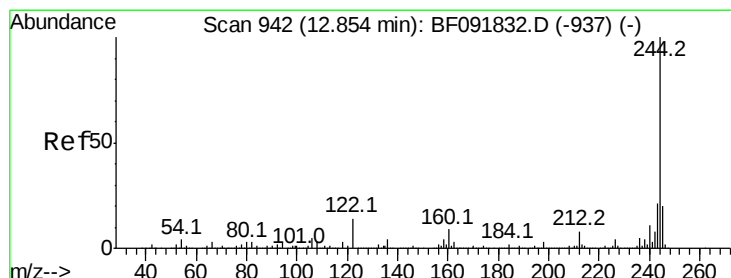
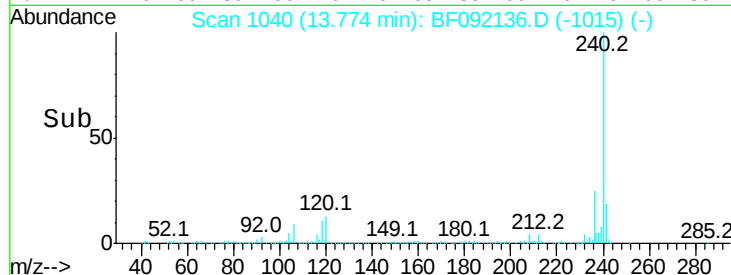
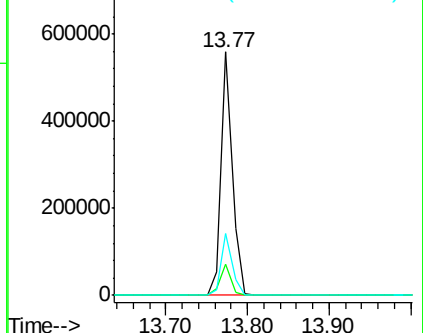
236 25.2 20.9 31.3



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: 44.67 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092136.D

Acq: 9 Jan 2017 14:11

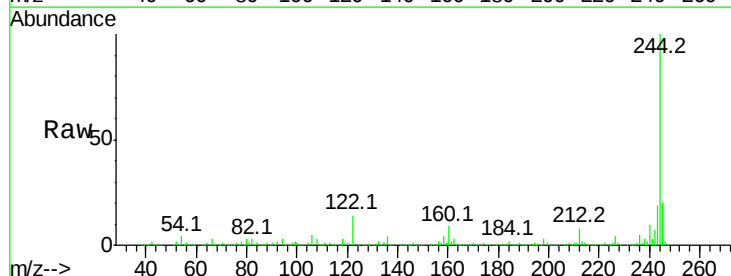
Tgt Ion:244 Resp: 991963

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

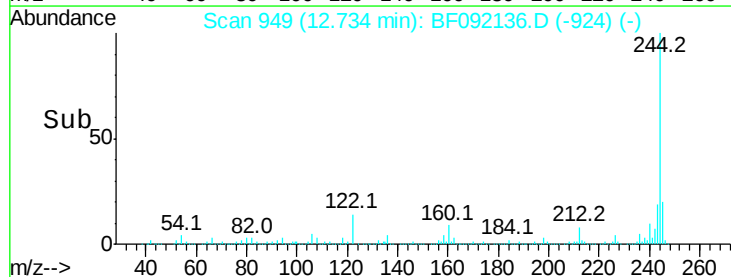
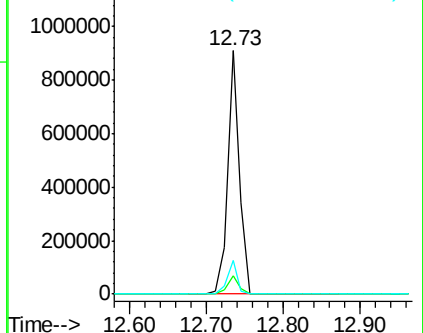
122 13.7 11.4 17.2

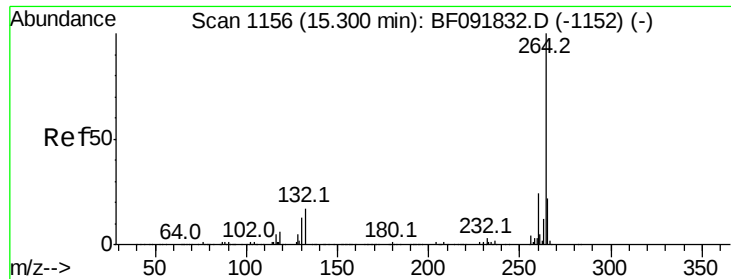


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092136.D
Acq: 9 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion: 264 Resp: 408488

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.4	26.0

