

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012617\
 Data File : BF092575.D
 Acq On : 27 Jan 2017 14:16
 Operator : SJ/MA
 Sample : I1266-06RE
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

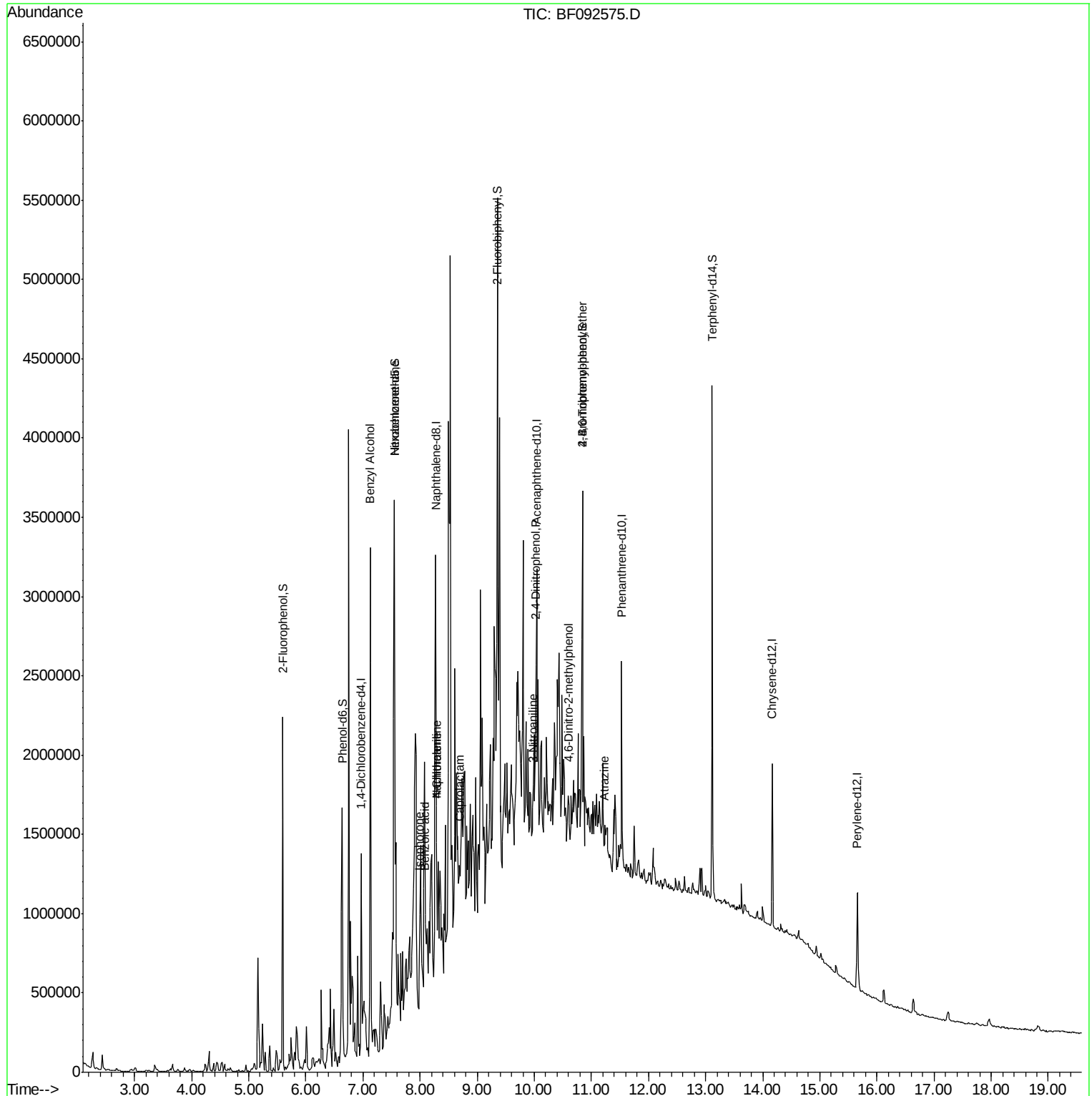
Quant Time: Jan 27 16:13:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

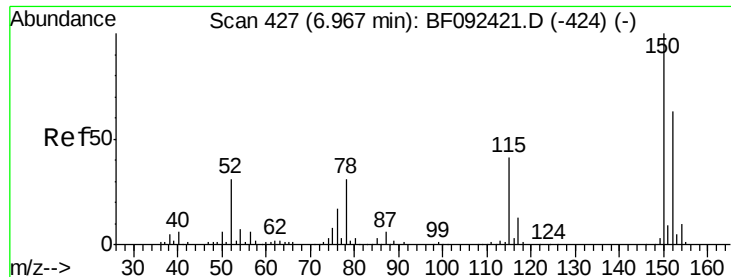
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166130	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	652400	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	359239	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	507718	20.00	ng	0.00
75) Chrysene-d12	14.17	240	366121	20.00	ng	0.00
86) Perylene-d12	15.65	264	359446	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	755455	70.75	ng	0.05
7) Phenol-d6	6.64	99	724598	53.27	ng	0.05
23) Nitrobenzene-d5	7.55	82	1202200	100.66	ng	0.01
41) 2,4,6-Tribromophenol	10.84	330	326086	133.20	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1725768	88.83	ng	0.00
78) Terphenyl-d14	13.12	244	1128085	82.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.13	79	23763	2.32	ng	# 47
18) Hexachloroethane	7.55	117	124871	27.15	ng	# 41
25) Isophorone	8.00	82	58735	2.50	ng	# 70
31) Naphthalene	8.29	128	124403	3.73	ng	# 72
32) Benzoic acid	8.09	122	16234	6.49	ng	# 55
33) 4-Chloroaniline	8.29	127	31370	2.22	ng	# 36
35) Caprolactam	8.69	113	15637	4.95	ng	# 1
52) 3-Nitroaniline	9.97	138	17157	2.93	ng	# 20
53) 2,4-Dinitrophenol	10.03	184	1828	4.12	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.60	198	572	5.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	25323	4.94	ng	# 1
68) Atrazine	11.23	200	11529	2.12	ng	# 36

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

```
Data Path : Z:\HPCHEM1\BNA_F\Data\BF012617\  
Data File : BF092575.D  
Acq On    : 27 Jan 2017   14:16  
Operator  : SJ/MA  
Sample    : I1266-06RE  
Misc      :  
ALS Vial  : 60      Sample Multiplier: 1
```

Quant Time: Jan 27 16:13:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



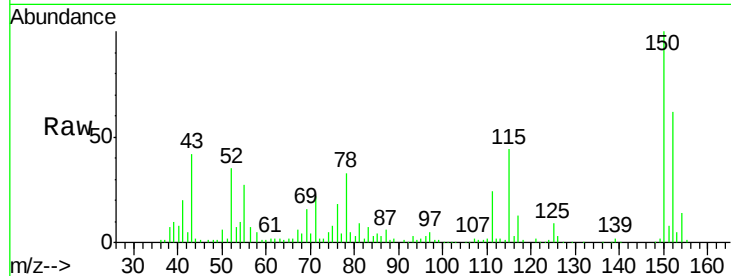


#1

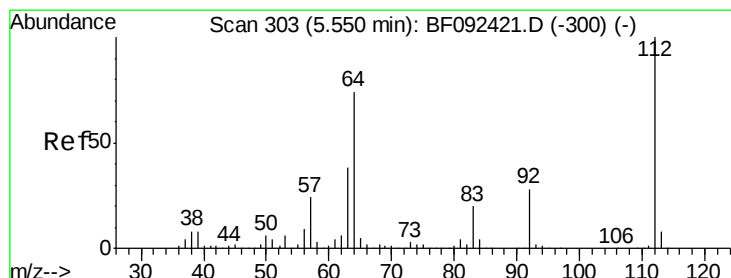
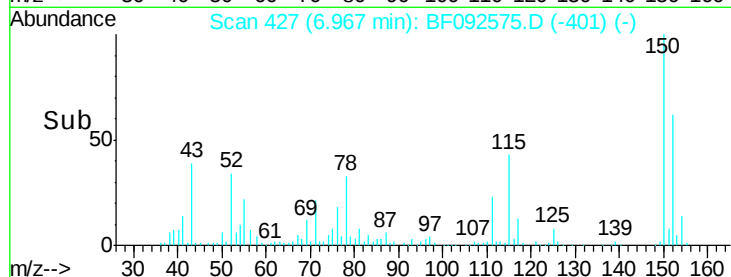
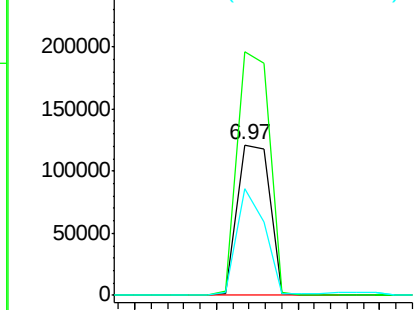
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:152 Resp: 166130
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 70.5 46.0 69.0#



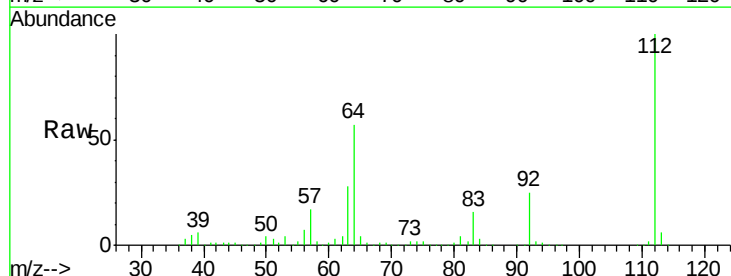
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



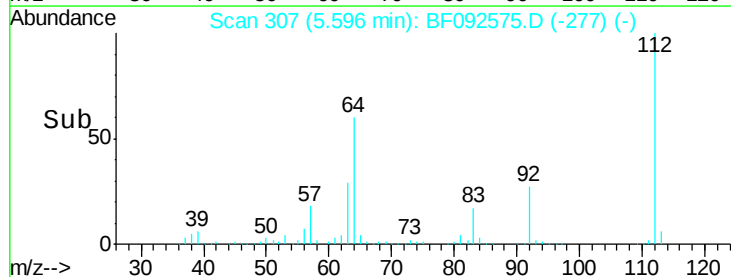
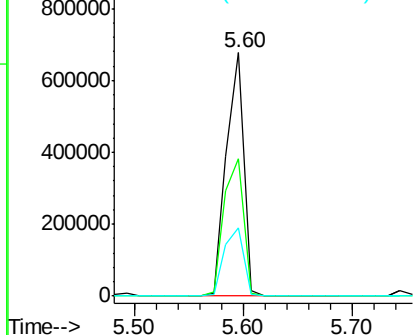
#5

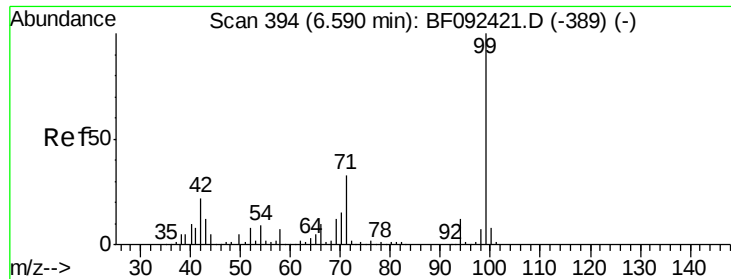
2-Fluorophenol
Concen: 70.75 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion:112 Resp: 755455
Ion Ratio Lower Upper
112 100
64 56.5 46.1 69.1
63 28.0 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: 53.27 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

ClientSampleId :

MW-05

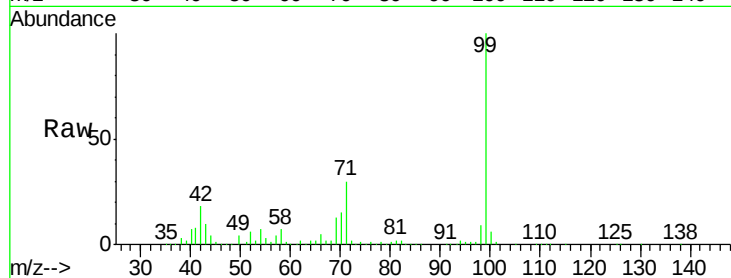
Tgt Ion: 99 Resp: 724598

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

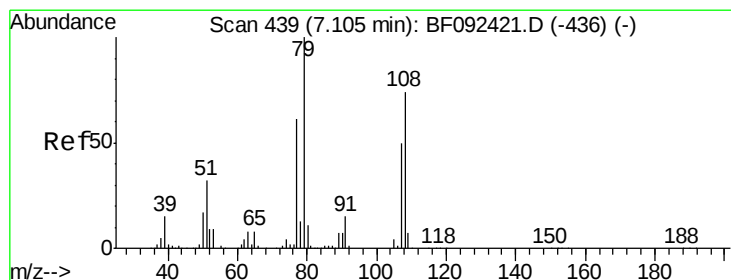
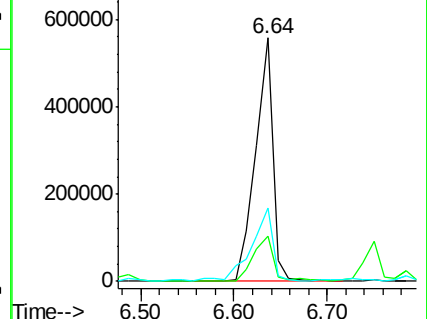
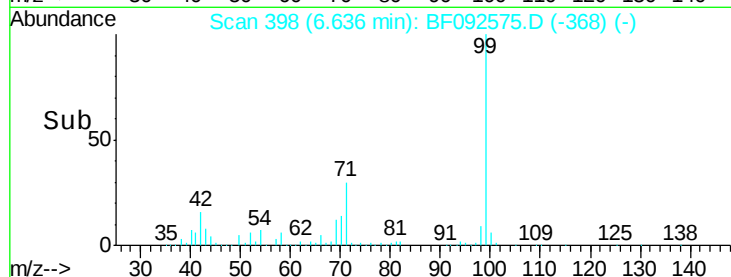
71 30.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

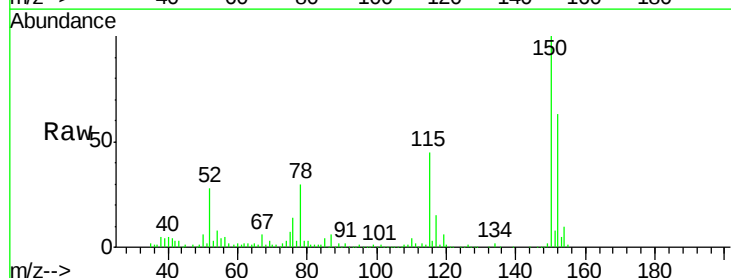
Tgt Ion: 79 Resp: 23763

Ion Ratio Lower Upper

79 100

108 26.9 61.4 92.0#

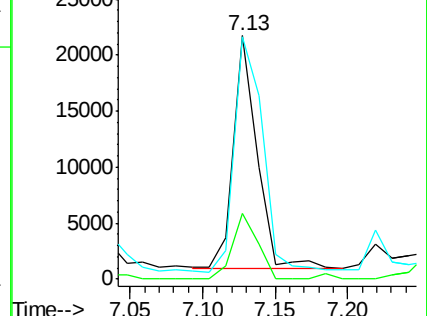
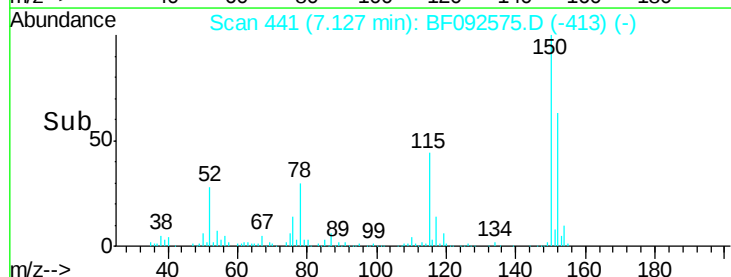
77 99.8 50.9 76.3#

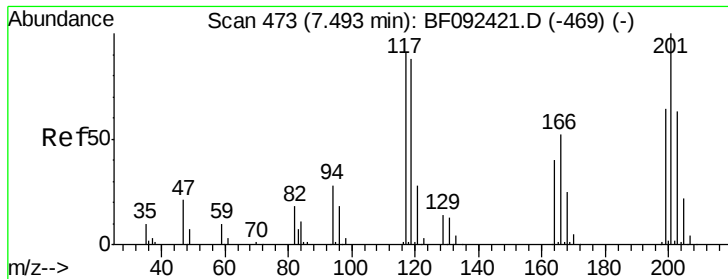


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

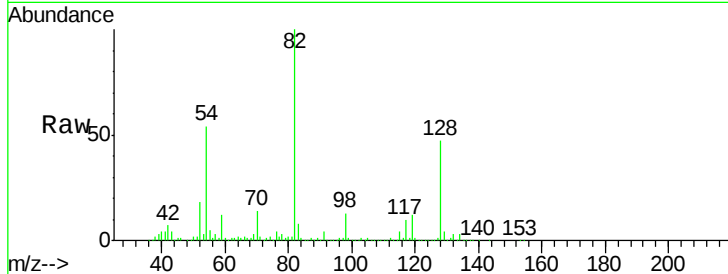




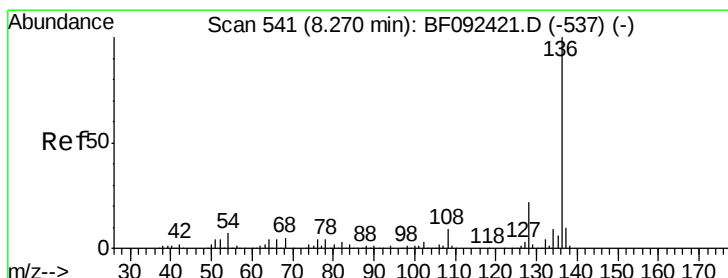
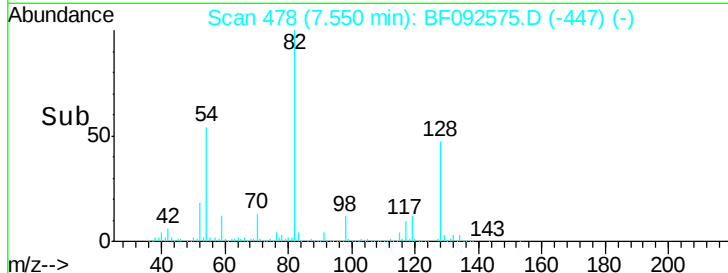
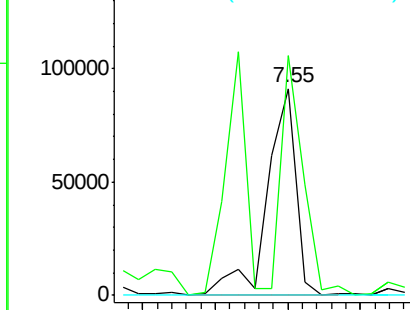
#18
Hexachloroethane
Concen: 27.15 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.06 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:117 Resp: 124871
Ion Ratio Lower Upper
117 100
119 116.0 78.1 117.1
201 0.0 78.6 117.8#

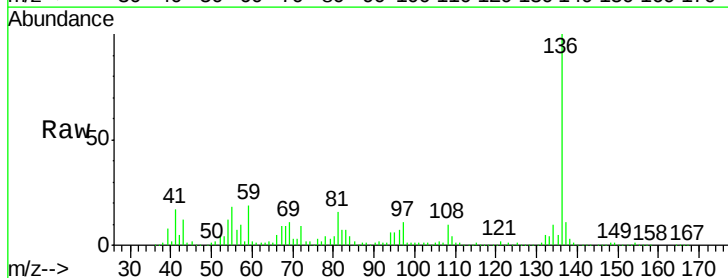


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

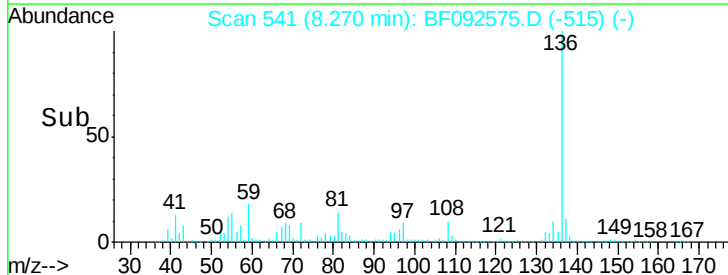
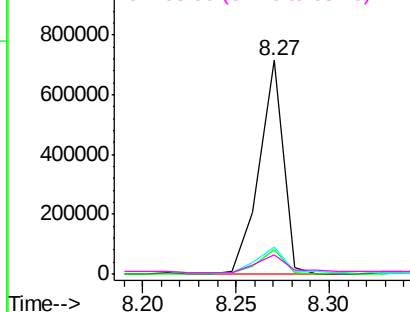


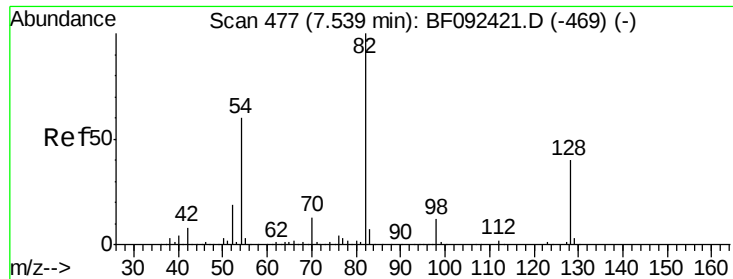
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion:136 Resp: 652400
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 12.4 4.5 6.7#
68 9.3 3.6 5.4#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

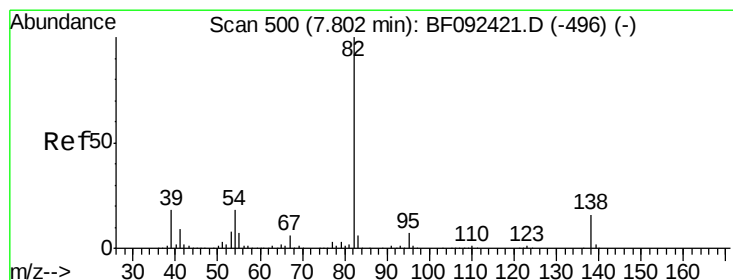
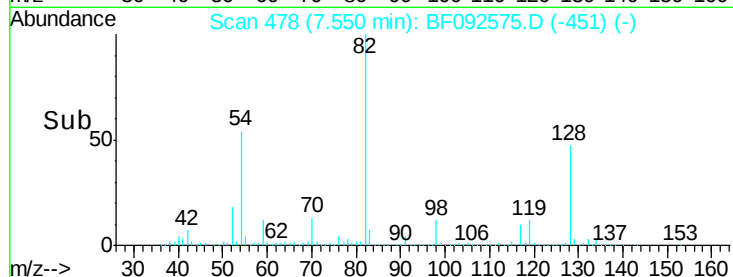
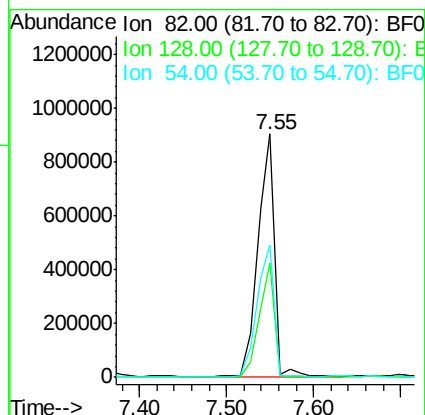
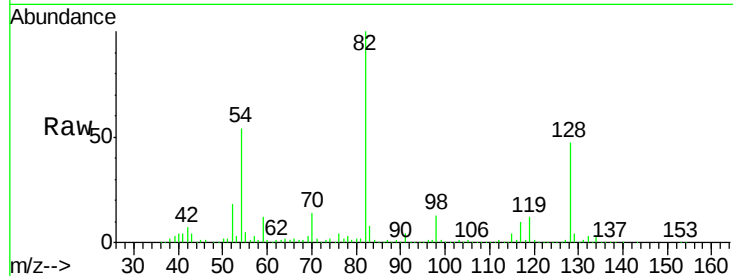




#23
Nitrobenzene-d5
Concen: 100.66 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.01 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

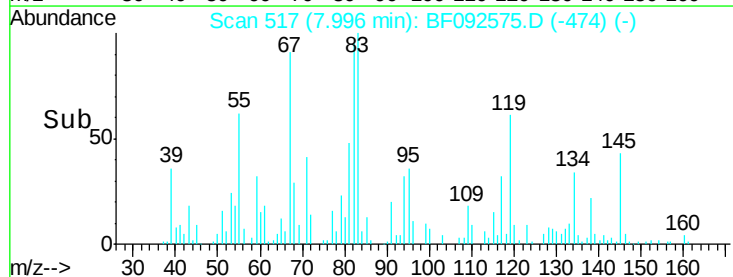
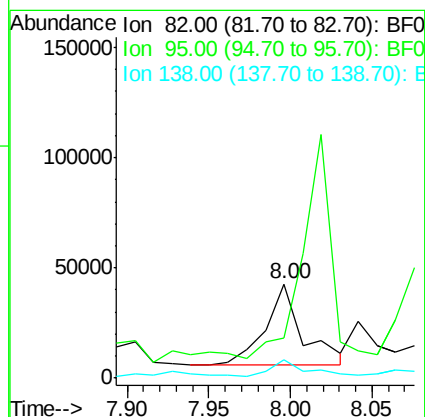
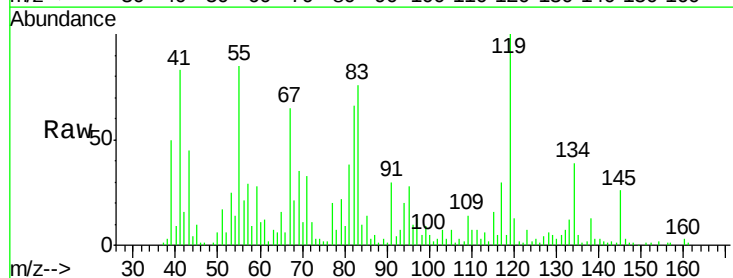
Instrument :
BNA_F
ClientSampleId :
MW-05

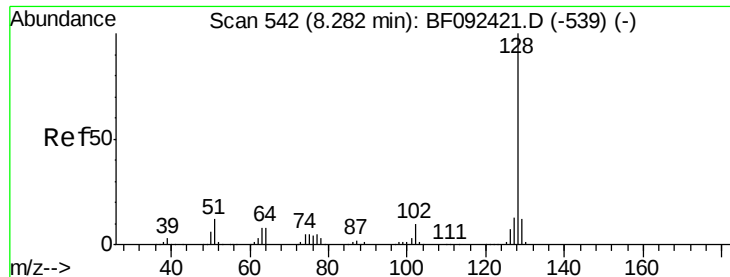
Tgt Ion: 82 Resp: 1202200
Ion Ratio Lower Upper
82 100
128 47.0 34.6 52.0
54 54.1 39.5 59.3



#25
Isophorone
Concen: 2.50 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.19 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion: 82 Resp: 58735
Ion Ratio Lower Upper
82 100
95 42.2 5.6 8.4#
138 19.6 14.6 22.0

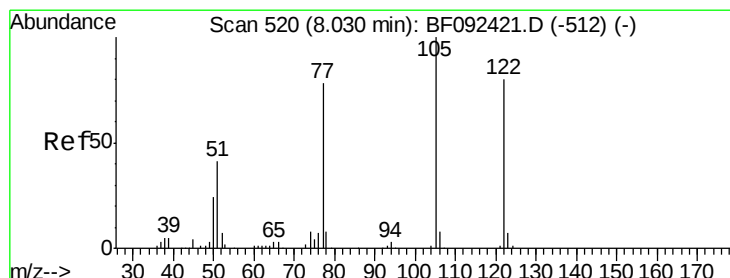
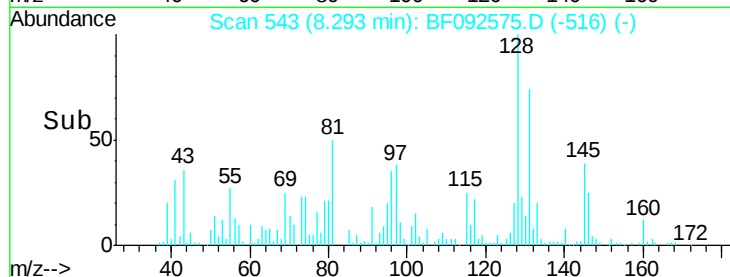
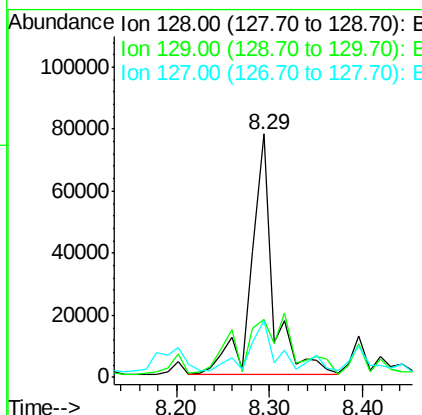
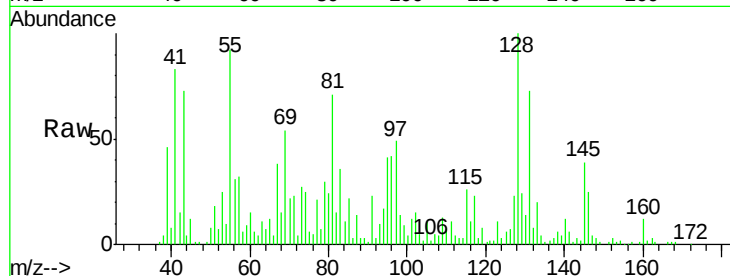




#31
Naphthalene
Concen: 3.73 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

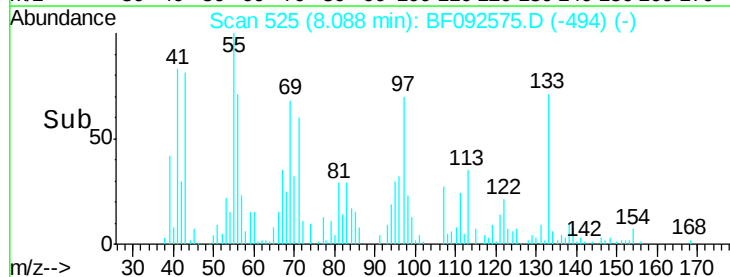
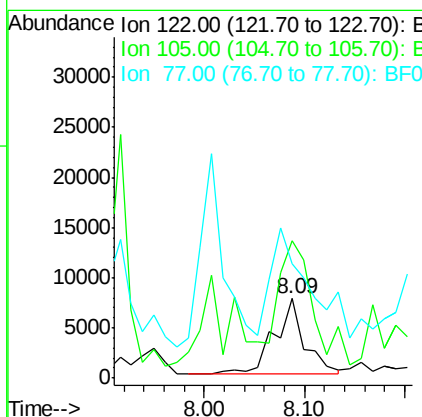
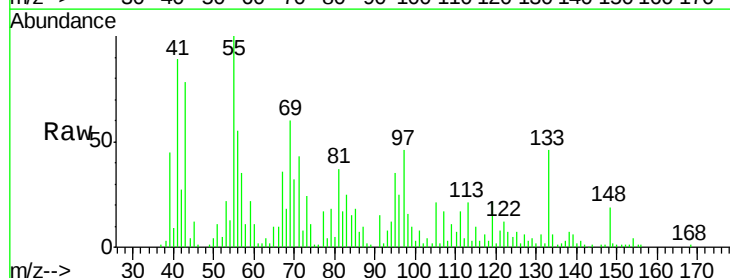
Instrument :
BNA_F
ClientSampleId :
MW-05

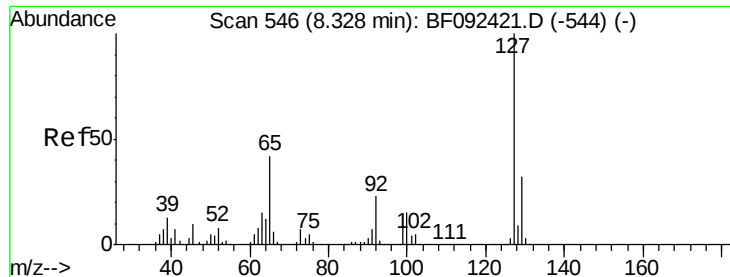
Tgt Ion:128 Resp: 124403
Ion Ratio Lower Upper
128 100
129 24.0 9.5 14.3#
127 23.3 10.8 16.2#



#32
Benzoic acid
Concen: 6.49 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.06 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion:122 Resp: 16234
Ion Ratio Lower Upper
122 100
105 172.6 107.2 147.2#
77 144.1 74.5 114.5#

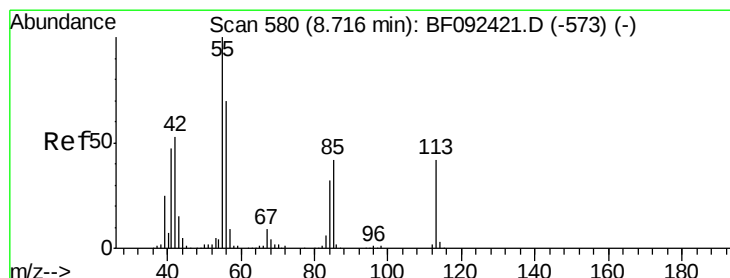
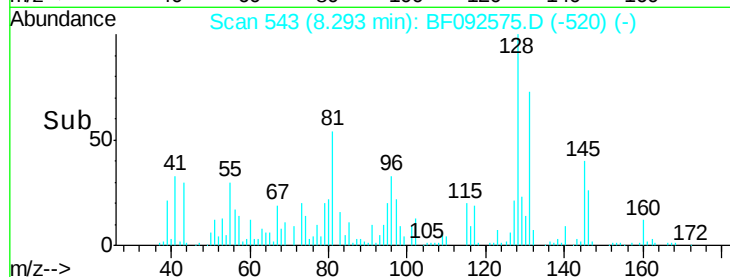
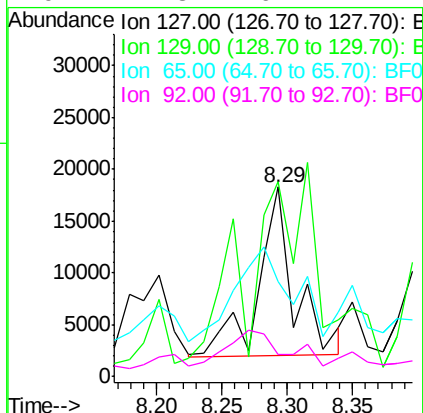
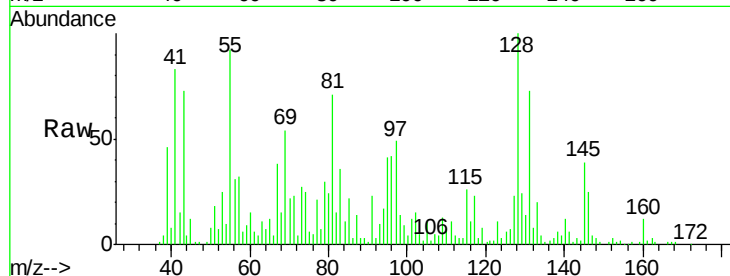




#33
4-Chloroaniline
Concen: 2.22 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

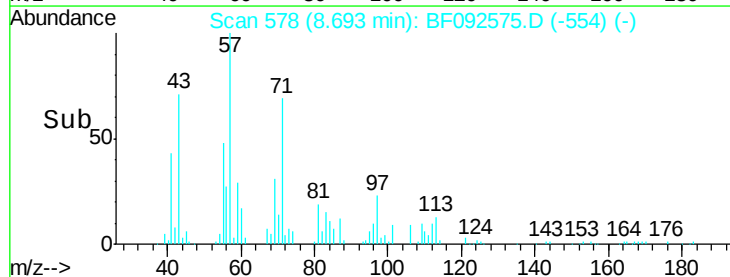
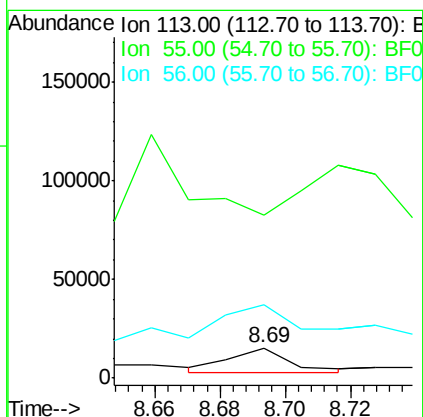
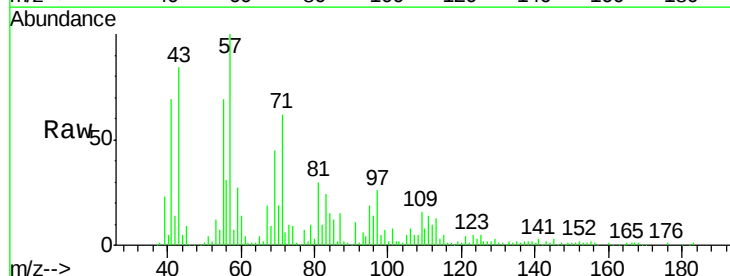
Instrument :
BNA_F
ClientSampleId :
MW-05

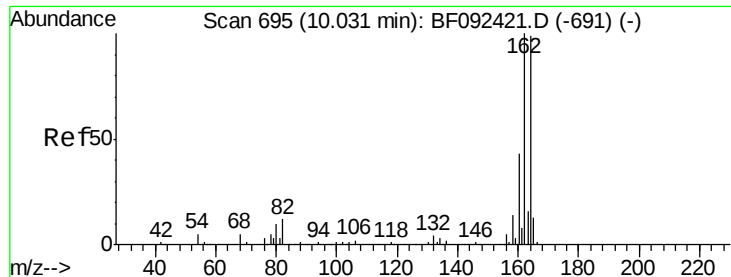
Tgt Ion:127 Resp: 31370
Ion Ratio Lower Upper
127 100
129 103.1 26.3 39.5#
65 49.9 25.8 38.8#
92 11.3 16.1 24.1#



#35
Caprolactam
Concen: 4.95 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion:113 Resp: 15637
Ion Ratio Lower Upper
113 100
55 540.9 119.2 159.2#
56 244.6 83.8 123.8#

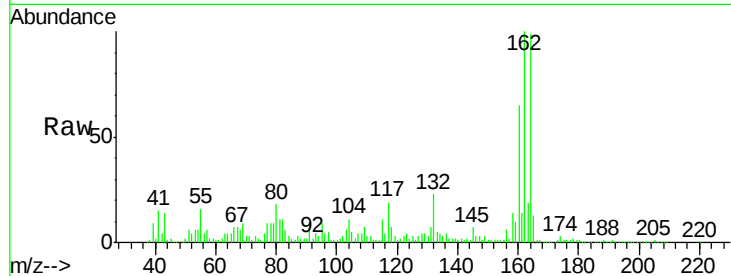




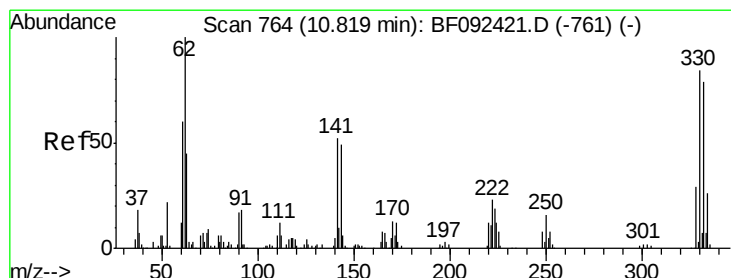
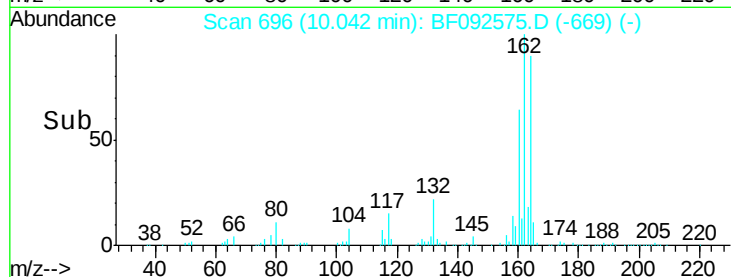
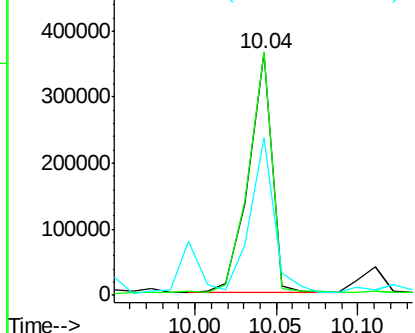
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:164 Resp: 359239
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 65.0 36.9 55.3#

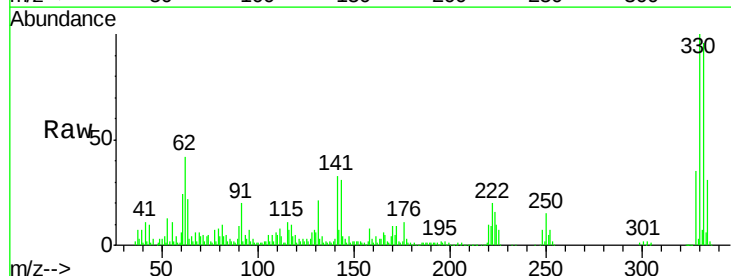


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

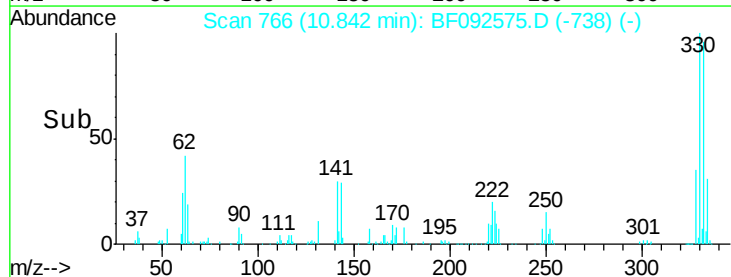
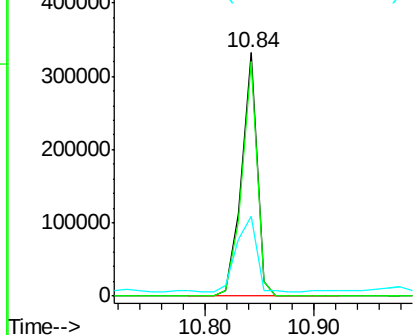


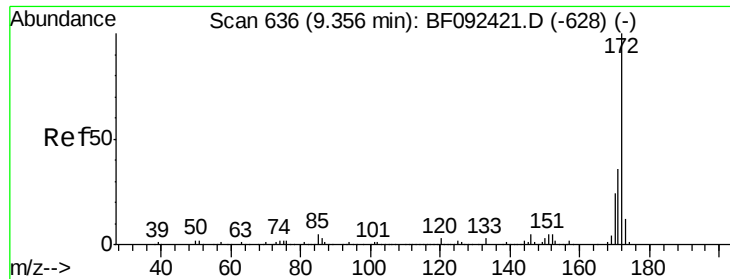
#41
 2,4,6-Tribromophenol
 Concen: 133.20 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.02 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Tgt Ion:330 Resp: 326086
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 41.0 34.1 51.1



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

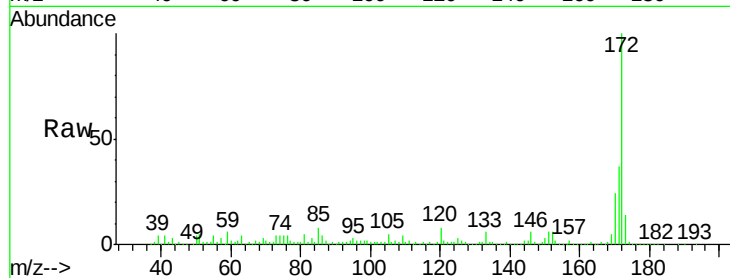




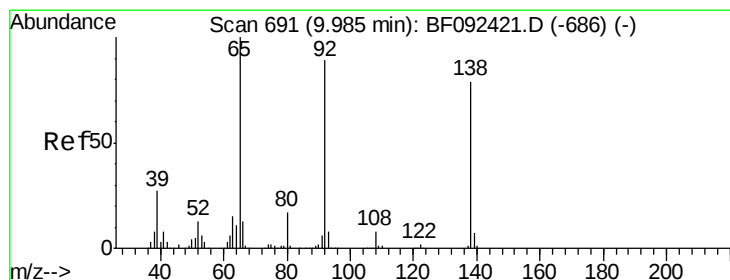
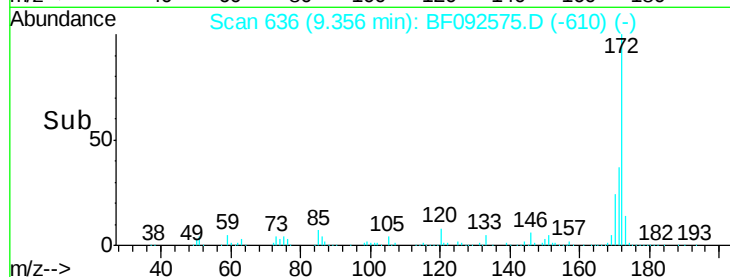
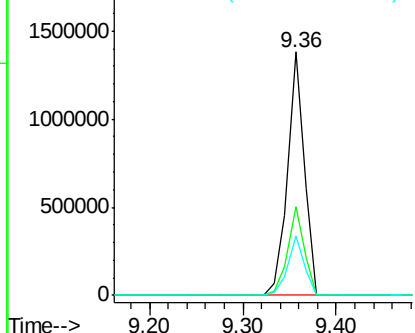
#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:172 Resp: 1725768
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.1 20.2 30.4

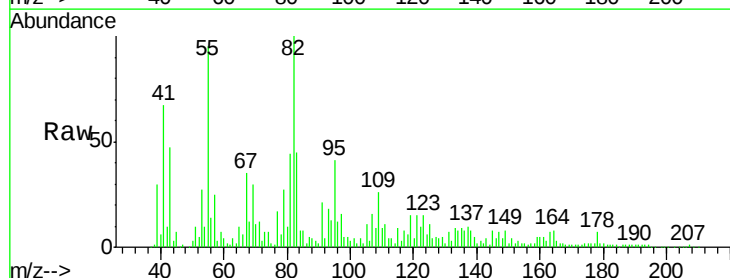


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

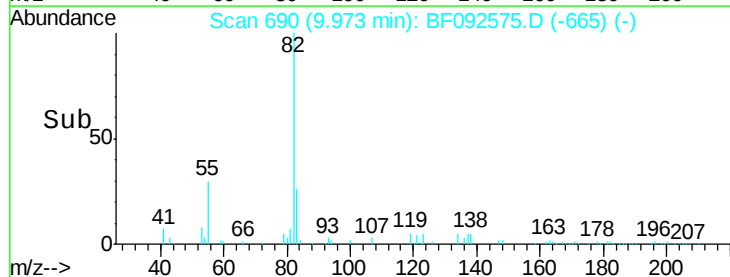
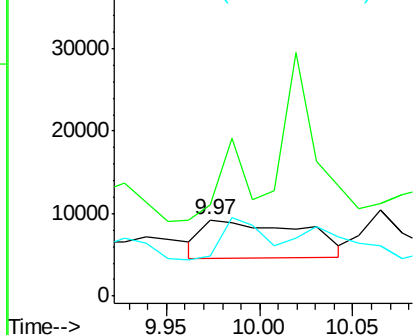


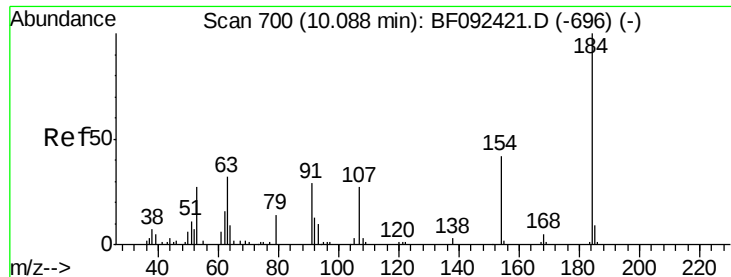
#52
 3-Nitroaniline
 Concen: 2.93 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Tgt Ion:138 Resp: 17157
 Ion Ratio Lower Upper
 138 100
 108 119.7 8.5 12.7#
 92 52.3 97.8 146.8#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

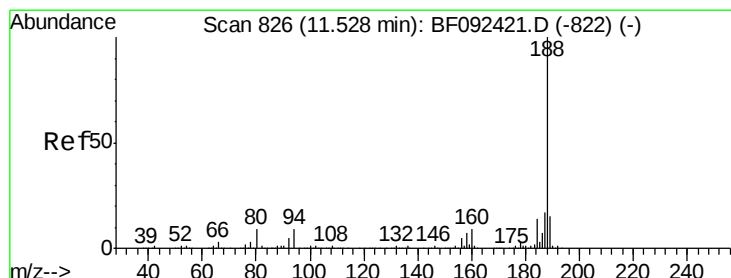
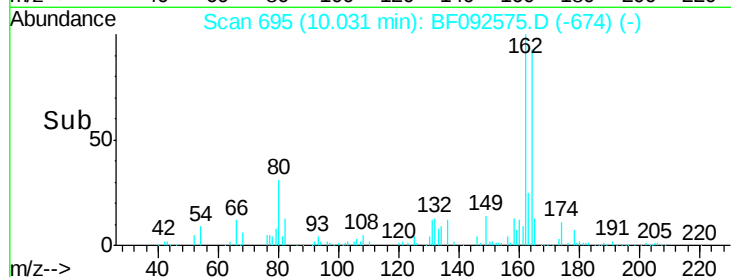
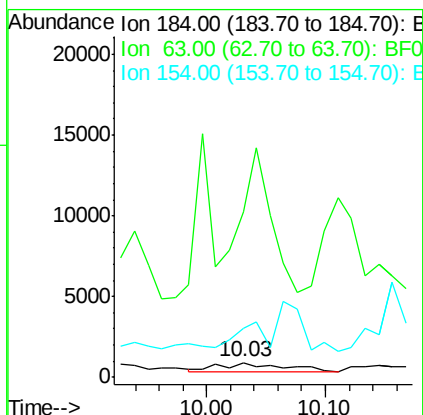
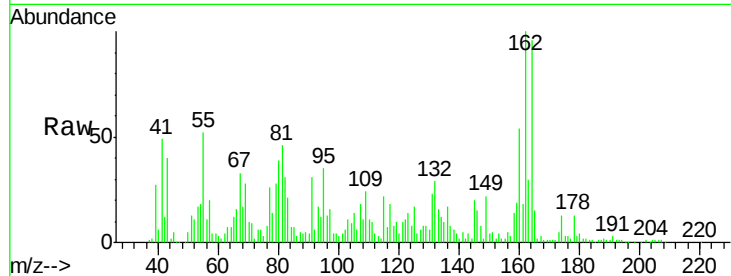




#53
2,4-Dinitrophenol
Concen: 4.12 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

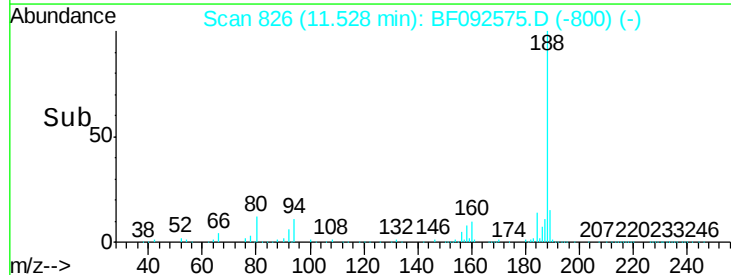
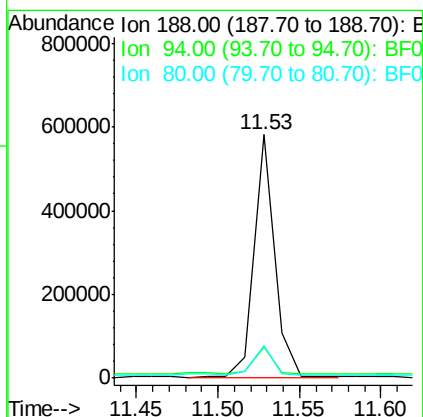
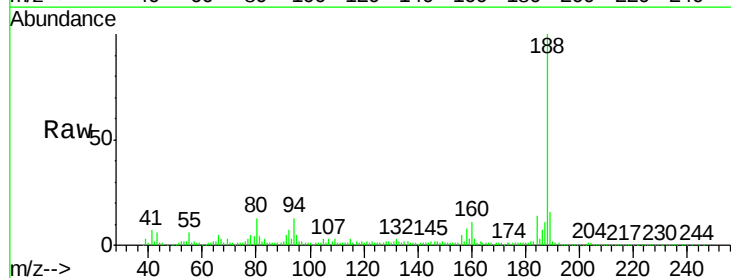
Instrument :
BNA_F
ClientSampleId :
MW-05

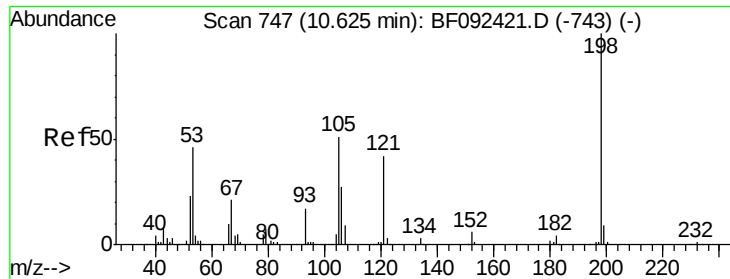
Tgt Ion:184 Resp: 1828
Ion Ratio Lower Upper
184 100
63 1132.1 28.4 42.6#
154 335.7 44.3 66.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092575.D
Acq: 27 Jan 2017 14:16

Tgt Ion:188 Resp: 507718
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 13.2 11.2 16.8

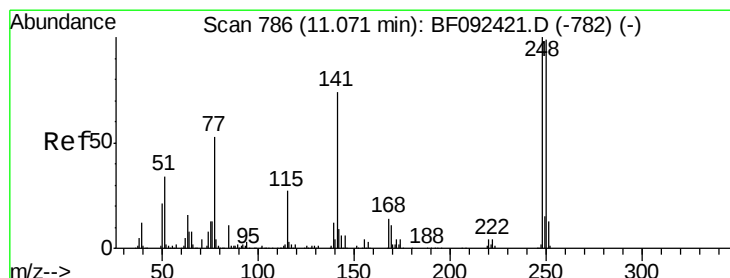
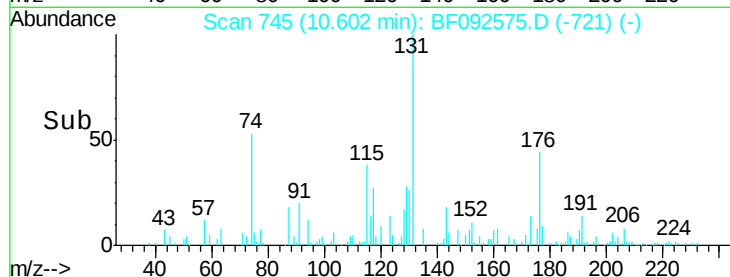
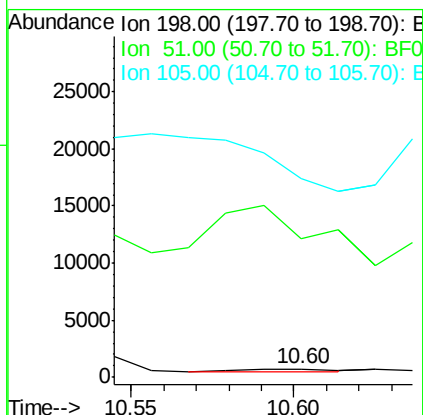
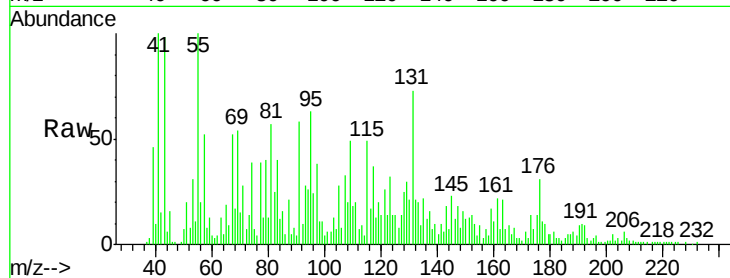




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.14 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

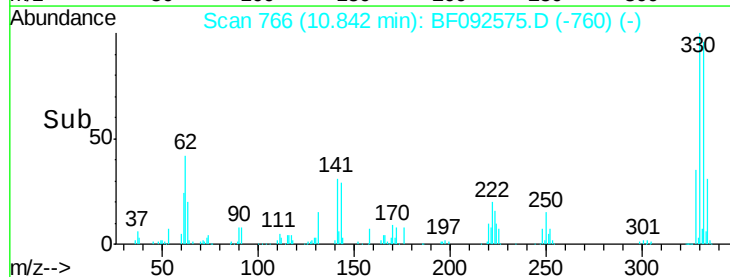
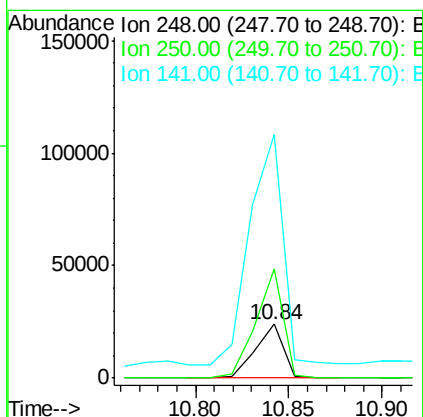
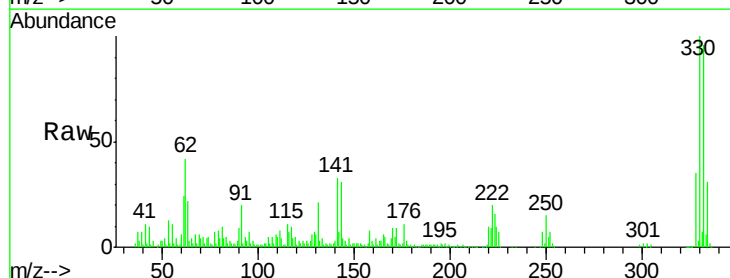
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

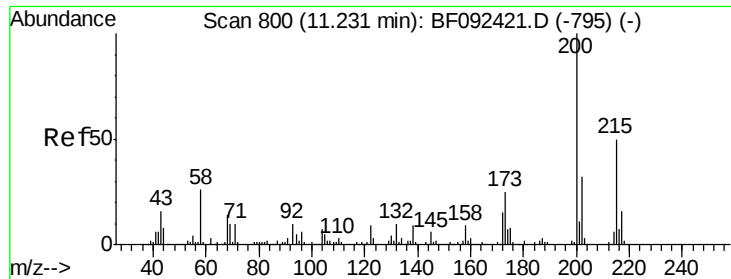
Tgt Ion:198 Resp: 572
 Ion Ratio Lower Upper
 198 100
 51 1628.5 6.7 46.7#
 105 2339.9 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.94 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.23 min
 Lab File: BF092575.D
 Acq: 27 Jan 2017 14:16

Tgt Ion:248 Resp: 25323
 Ion Ratio Lower Upper
 248 100
 250 203.9 76.9 115.3#
 141 453.0 68.2 102.4#





#68

Atrazine

Concen: 2.12 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

ClientSampleId :

MW-05

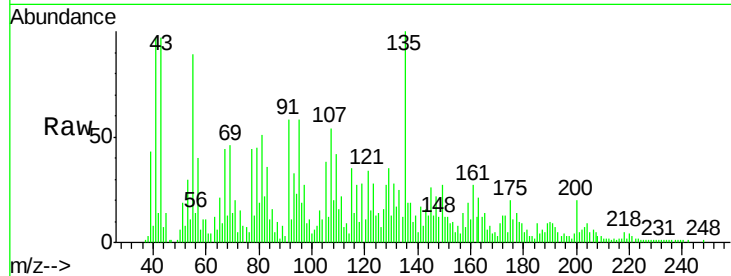
Tgt Ion:200 Resp: 11529

Ion Ratio Lower Upper

200 100

173 67.1 9.6 49.6#

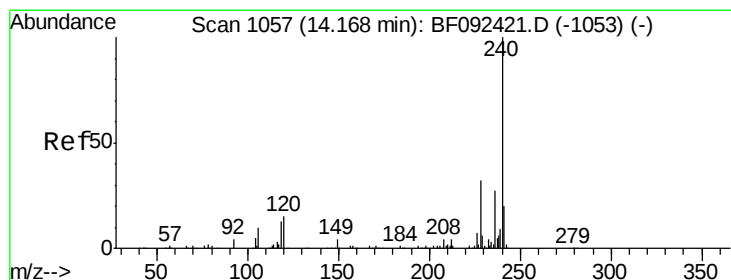
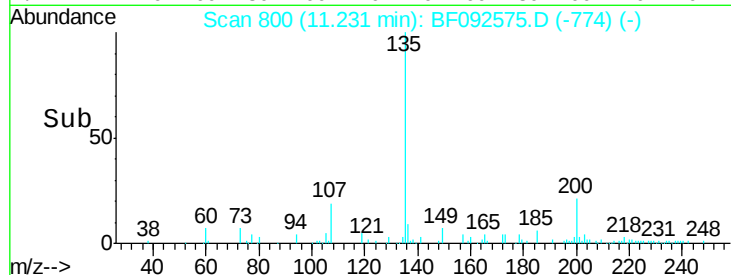
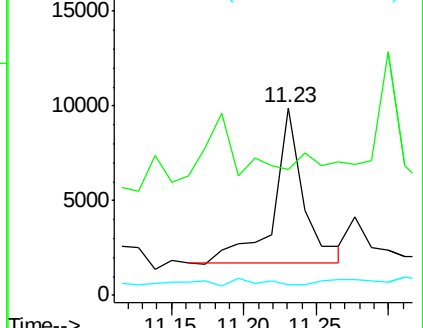
215 5.9 25.7 65.7#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

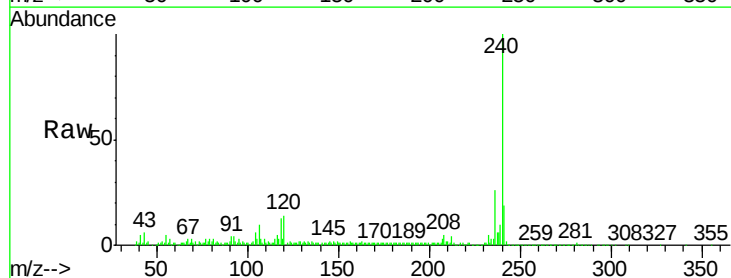
Tgt Ion:240 Resp: 366121

Ion Ratio Lower Upper

240 100

120 13.7 12.9 19.3

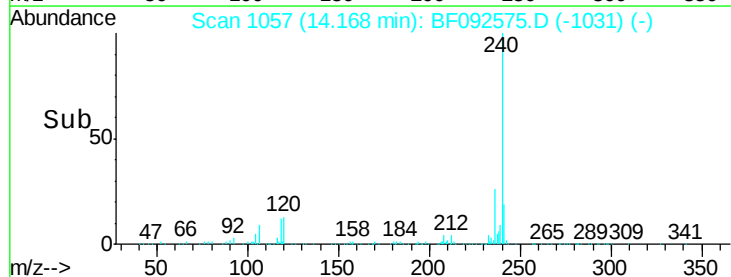
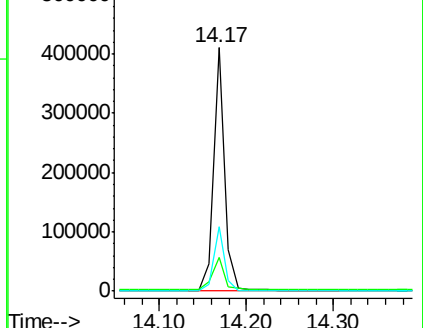
236 26.5 20.9 31.3

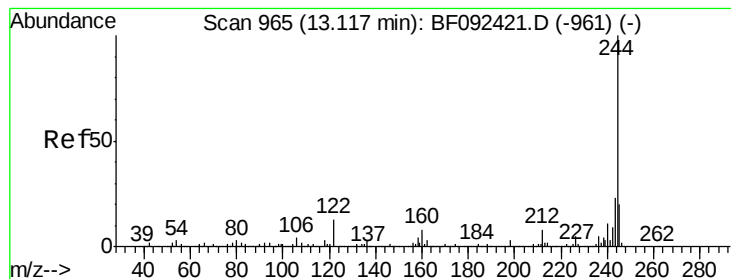


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.05 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

Instrument :

BNA_F

ClientSampleId :

MW-05

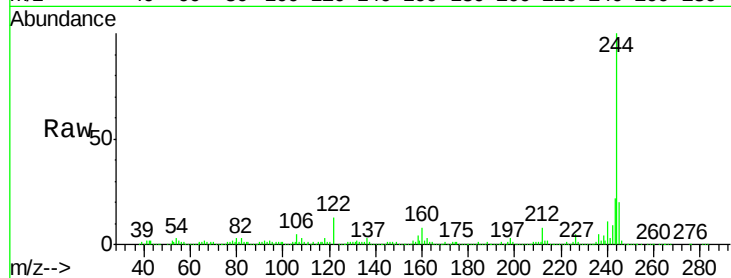
Tgt Ion:244 Resp: 1128085

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

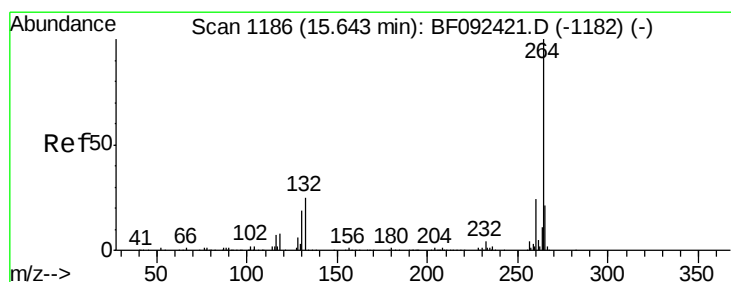
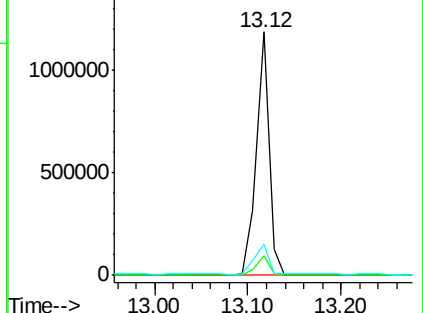
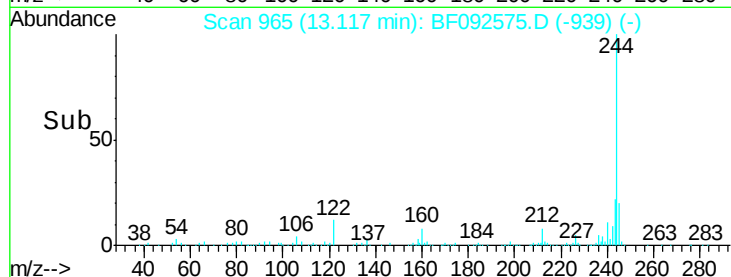
122 12.7 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092575.D

Acq: 27 Jan 2017 14:16

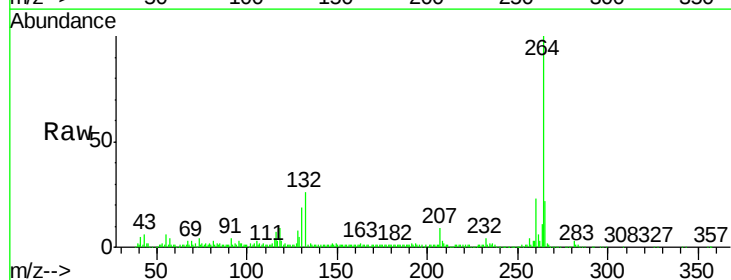
Tgt Ion:264 Resp: 359446

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.2 17.4 26.0



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

