

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092051.D
 Acq On : 30 Dec 2016 17:54
 Operator : UM/SJ
 Sample : H6318-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 30 21:59:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

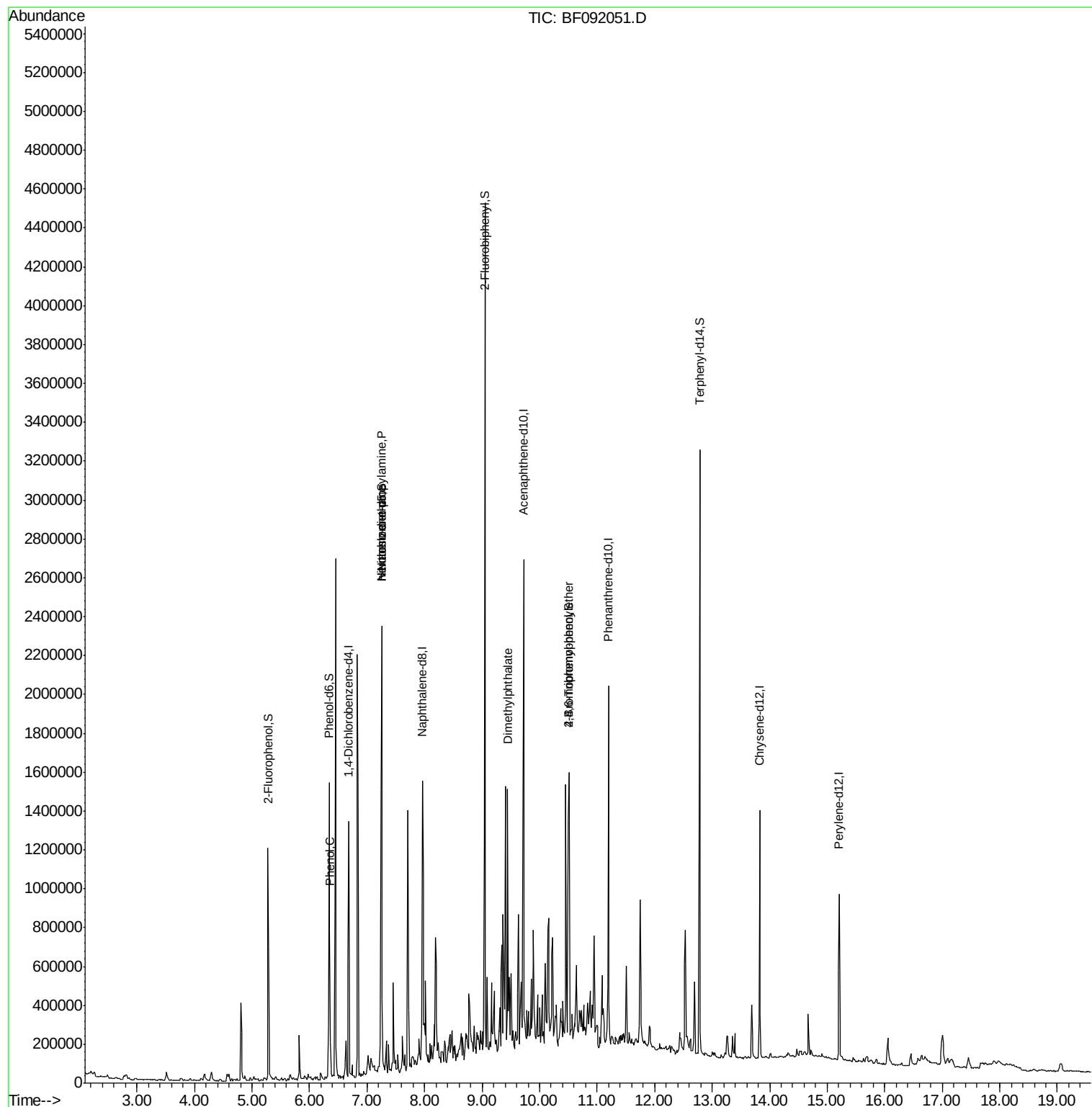
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	224789	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	808890	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	426504	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	647941	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	413290	20.00	ng	-0.05
86) Perylene-d12	15.21	264	392574	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	428622	31.84	ng	-0.05
7) Phenol-d6	6.34	99	492853	29.99	ng	-0.05
23) Nitrobenzene-d5	7.25	82	776529	53.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	227837	64.55	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1288513	57.77	ng	-0.03
78) Terphenyl-d14	12.79	244	1040976	61.09	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.22	77	1392	Below Cal	#	63
10) Phenol	6.35	94	197726	10.56 ng	#	70
18) Hexachloroethane	7.25	117	192787	31.25 ng	#	4
19) n-Nitroso-di-n-propylamine	7.25	70	103303	9.45 ng	#	72
37) 2-Methylnaphthalene	8.68	142	4703	Below Cal	#	88
49) Dimethylphthalate	9.45	163	469487	17.21 ng		99
66) 4-Bromophenyl-phenylether	10.51	248	13831	2.05 ng	#	1
71) Anthracene	11.26	178	1818	Below Cal	#	53
73) Di-n-butylphthalate	11.77	149	20674	Below Cal		97
74) Fluoranthene	12.41	202	2301	Below Cal	#	47
76) Benzydine	12.51	184	781	Below Cal	#	1

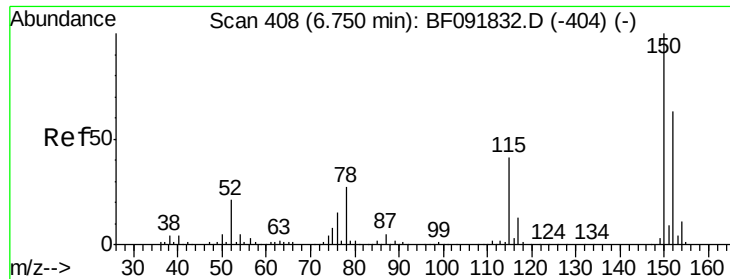
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 30 21:59:01 2016
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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

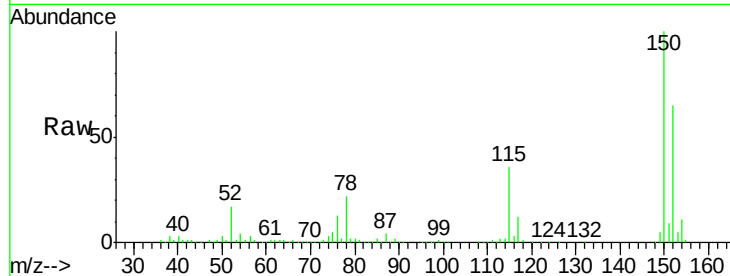
Tgt Ion:152 Resp: 224789

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

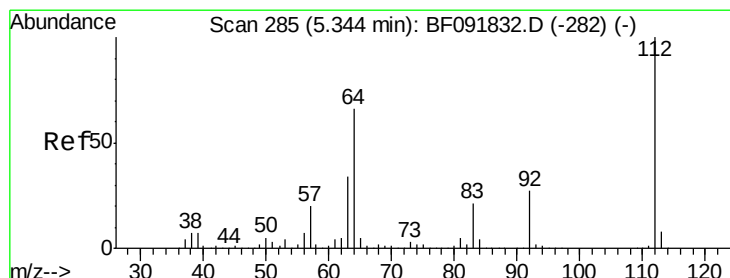
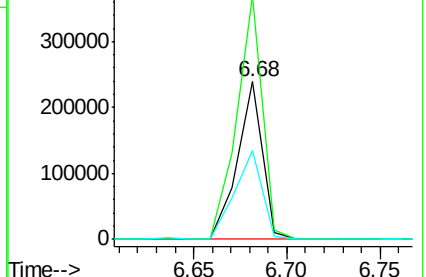
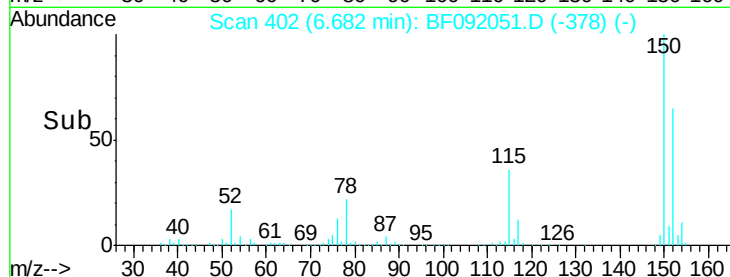
115 56.4 46.0 69.0



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: 31.84 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

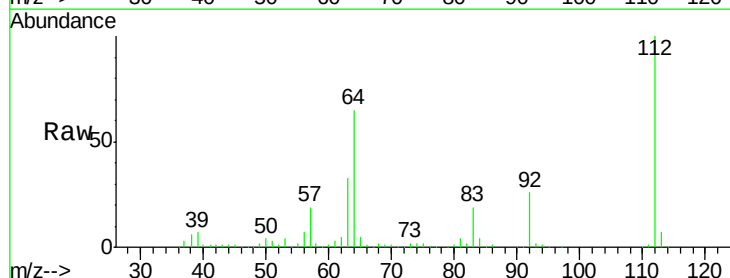
Tgt Ion:112 Resp: 428622

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

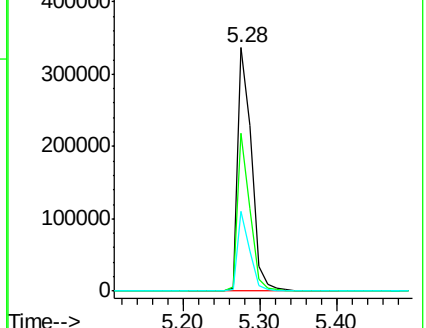
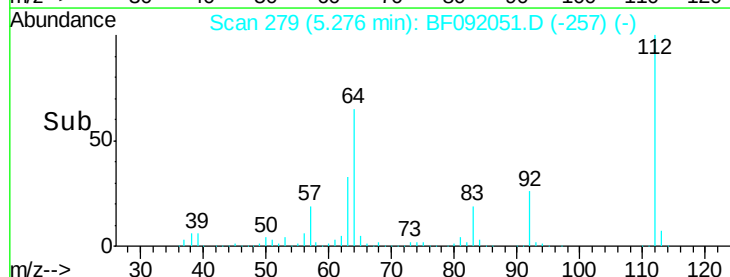
63 32.5 23.8 35.6

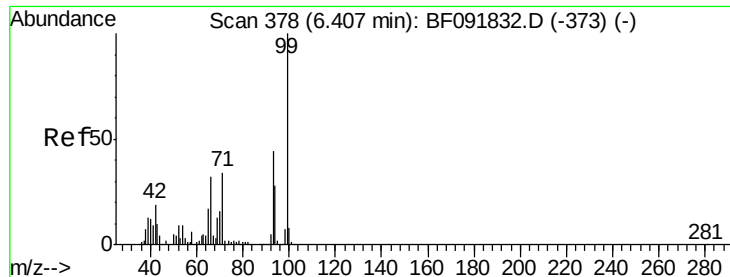


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.99 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

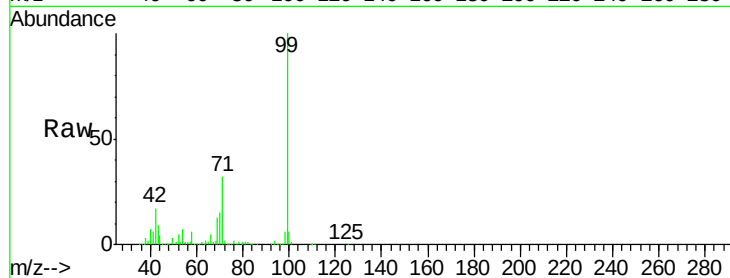
Tgt Ion: 99 Resp: 492853

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

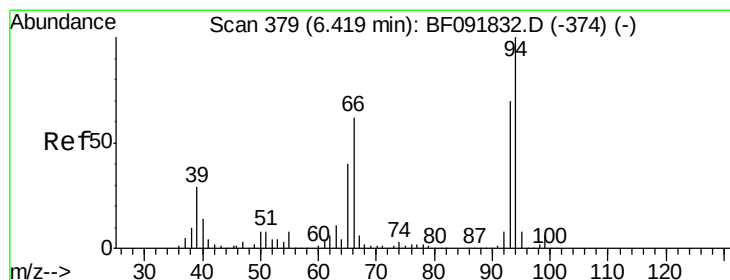
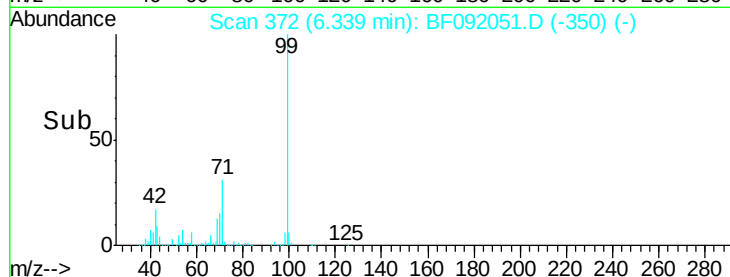
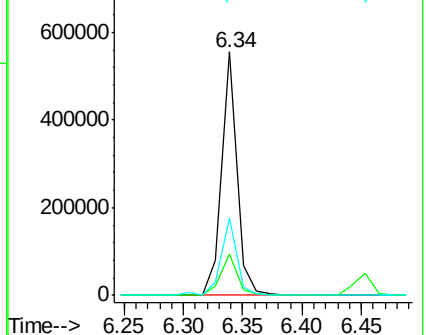
71 31.6 27.5 41.3



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



#10

Phenol

Concen: 10.56 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

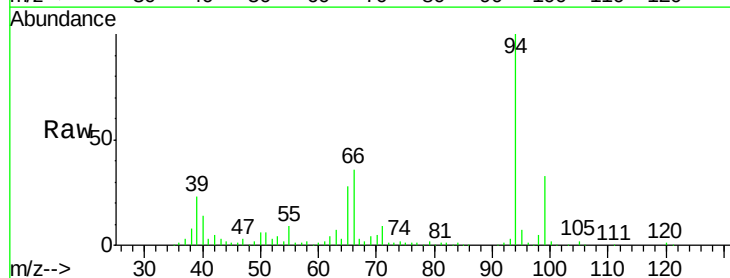
Tgt Ion: 94 Resp: 197726

Ion Ratio Lower Upper

94 100

65 28.3 21.4 61.4

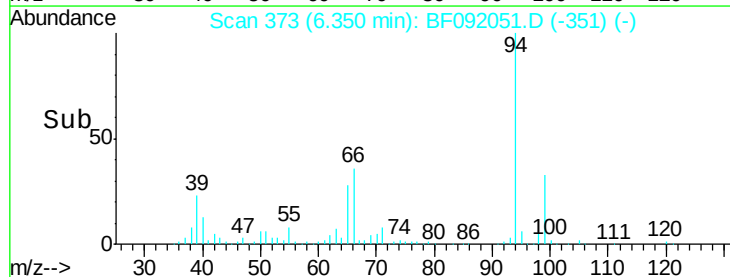
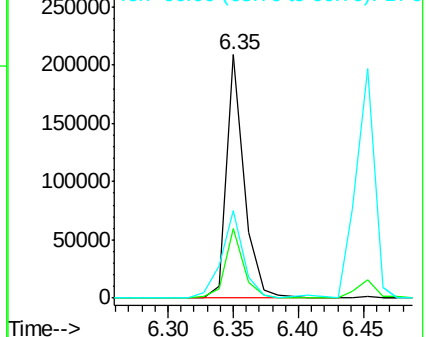
66 35.7 44.0 84.0#

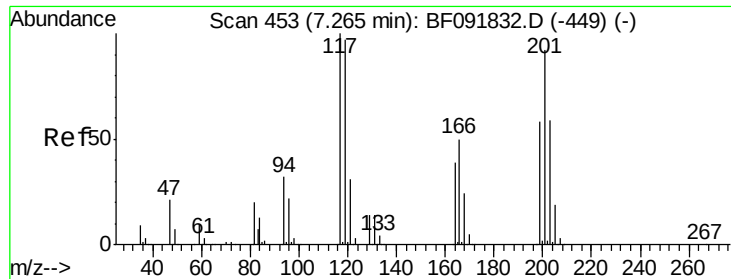


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#18

Hexachloroethane

Concen: 31.25 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

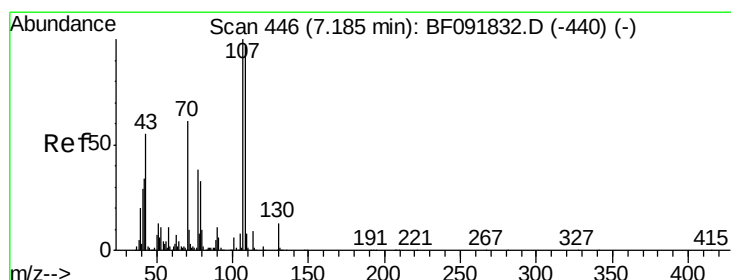
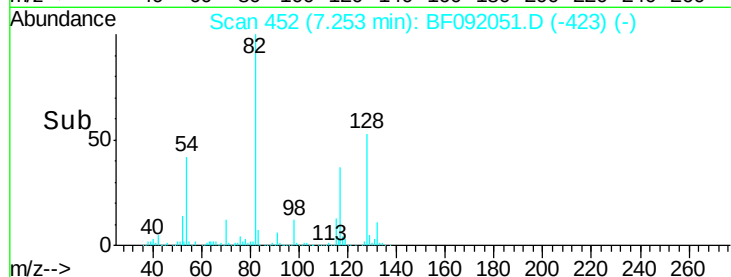
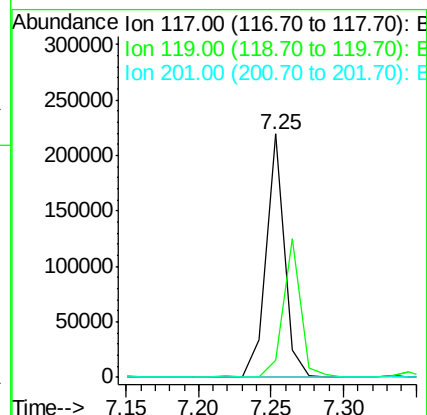
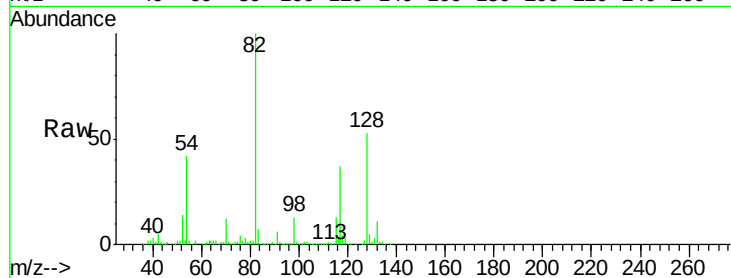
Tgt Ion:117 Resp: 192787

Ion Ratio Lower Upper

117 100

119 7.0 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 9.45 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.11 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Tgt Ion: 70 Resp: 103303

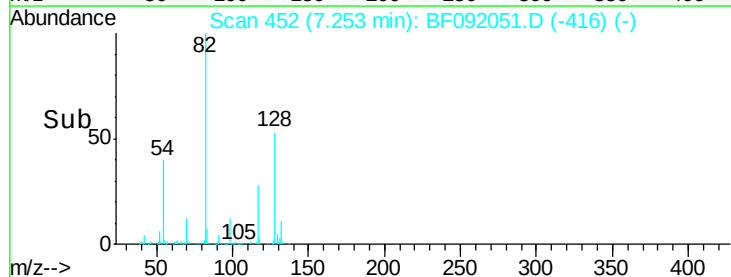
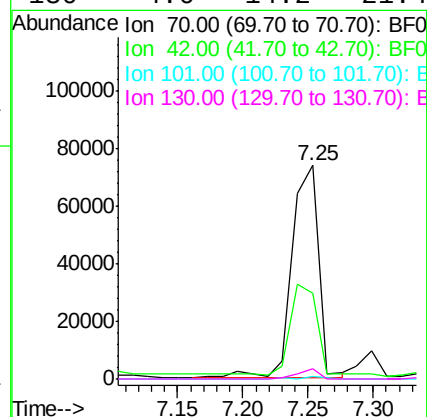
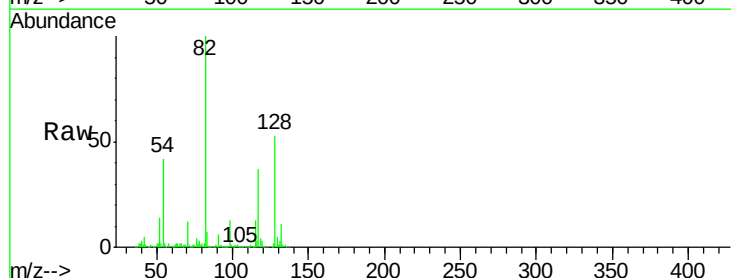
Ion Ratio Lower Upper

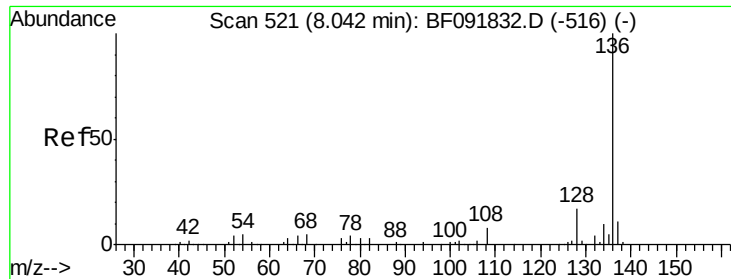
70 100

42 40.4 49.4 74.0#

101 1.4 7.4 11.2#

130 4.6 14.2 21.4#

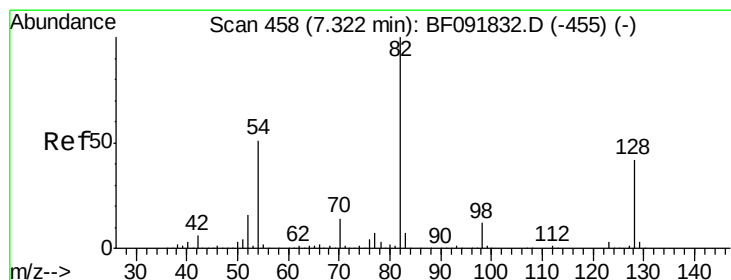
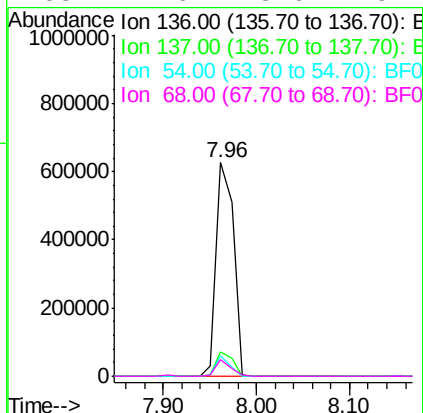
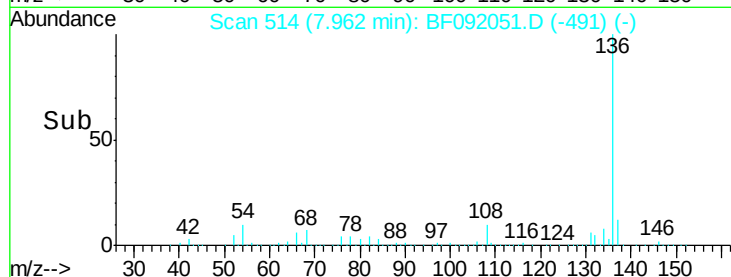
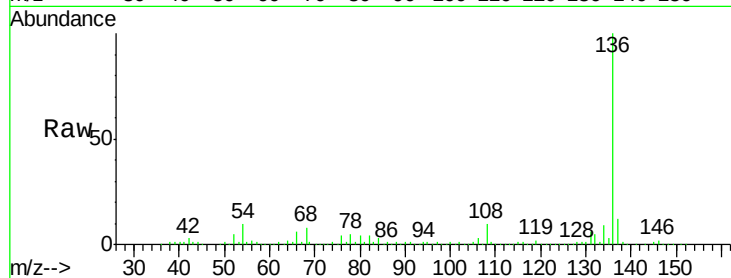




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

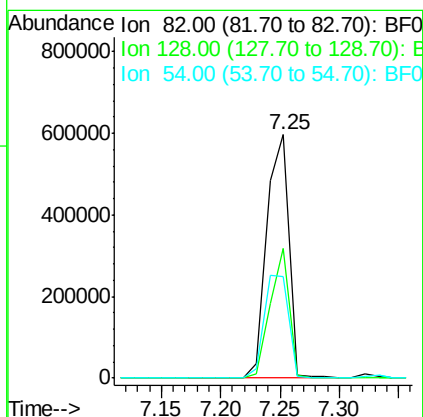
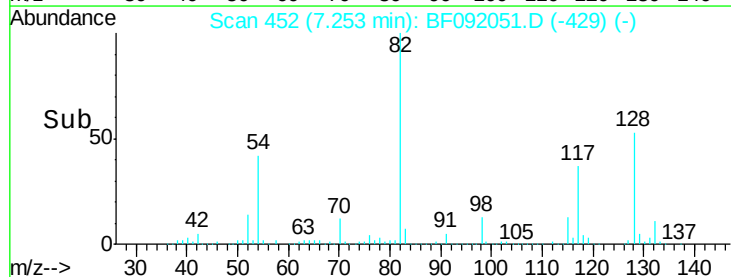
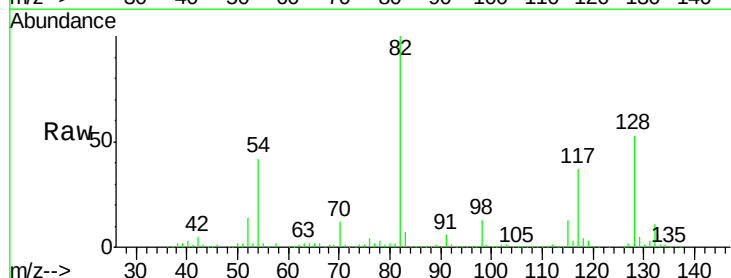
Instrument :
BNA_F
ClientSampleId :
MW-01

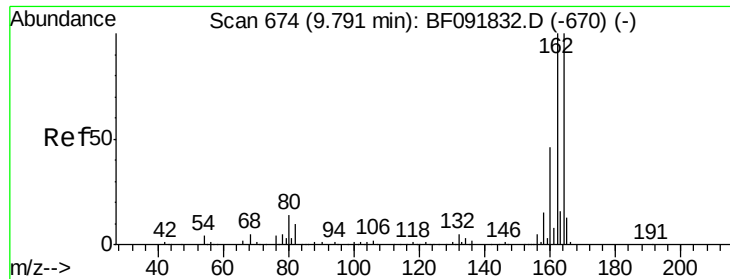
Tgt Ion:	136	Resp:	808890
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	9.8	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 53.38 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

Tgt Ion:	82	Resp:	776529
Ion	Ratio	Lower	Upper
82	100		
128	53.4	34.6	52.0#
54	41.7	39.5	59.3

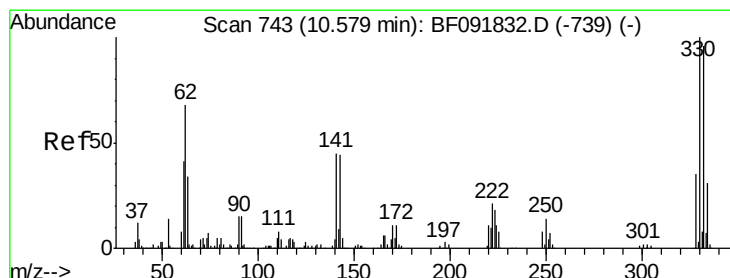
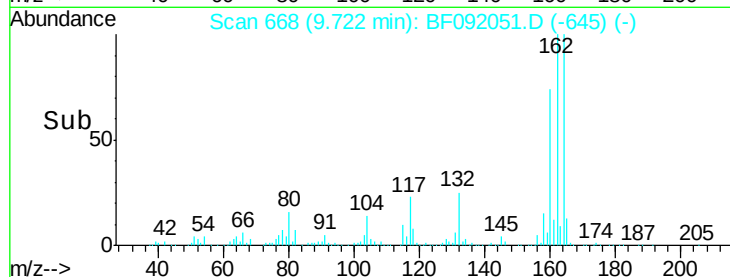
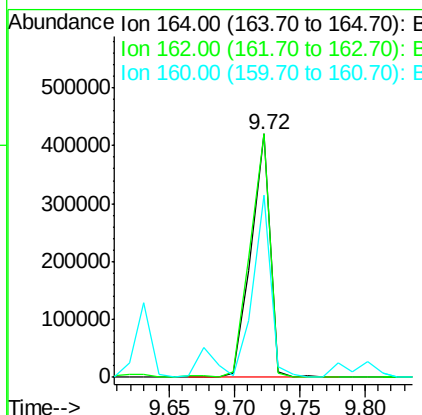
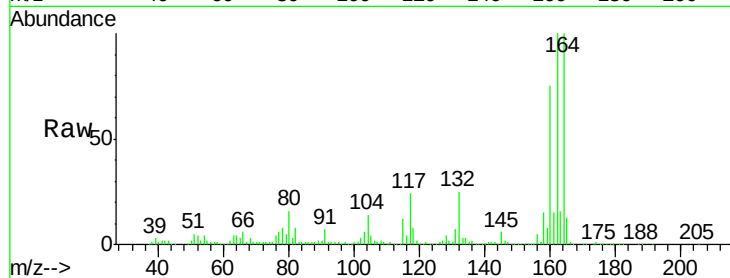




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

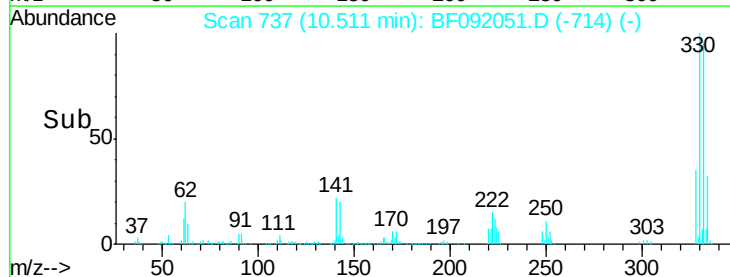
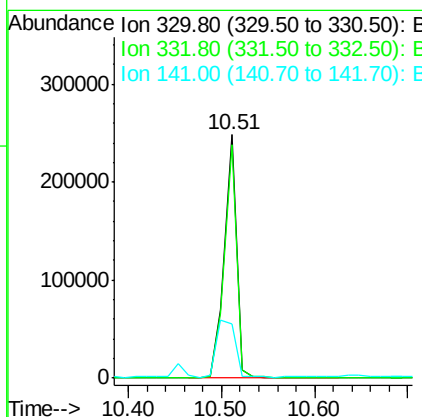
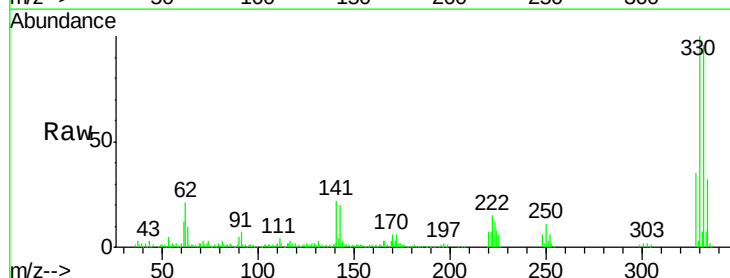
Instrument :
BNA_F
ClientSampleId :
MW-01

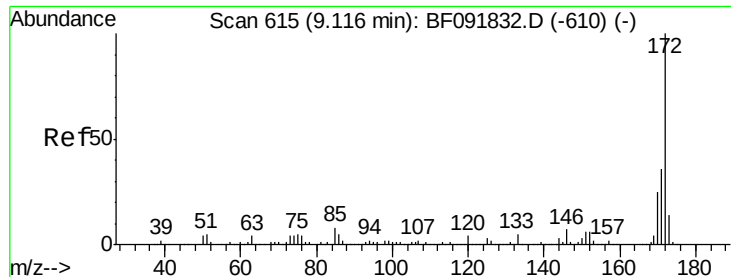
Tgt Ion:164 Resp: 426504
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 75.1 36.9 55.3#



#41
2,4,6-Tribromophenol
Concen: 64.55 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

Tgt Ion:330 Resp: 227837
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.2
141 35.2 34.1 51.1

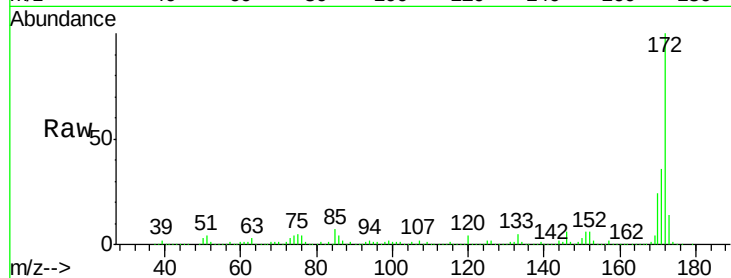




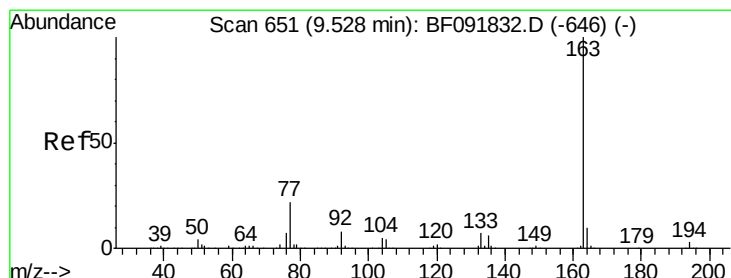
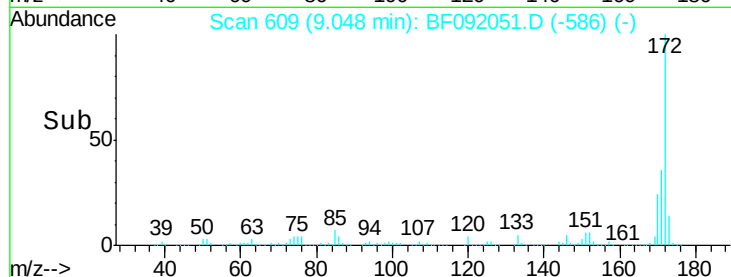
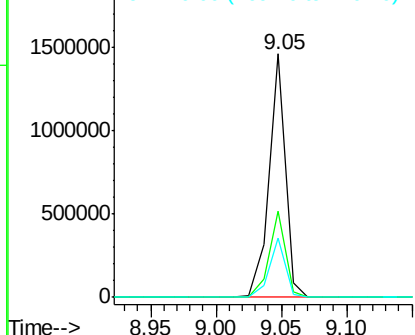
#44
 2-Fluorobiphenyl
 Concen: 57.77 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092051.D
 Acq: 30 Dec 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:172 Resp: 1288513
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.3 20.2 30.4

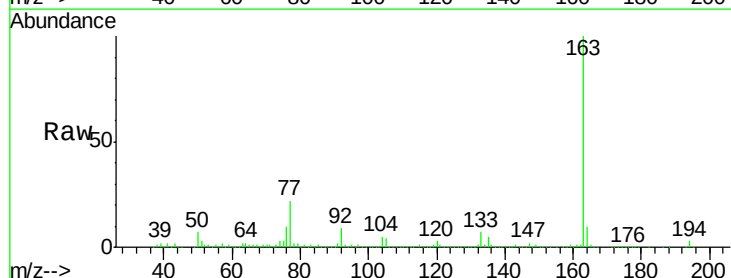


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

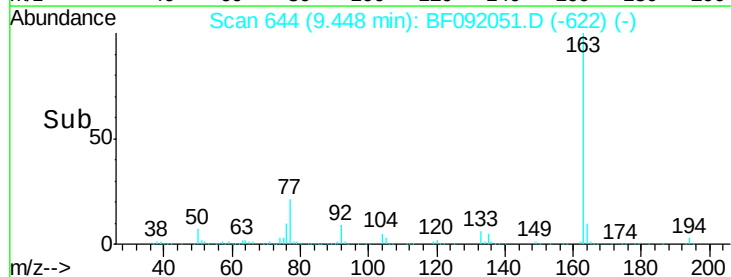
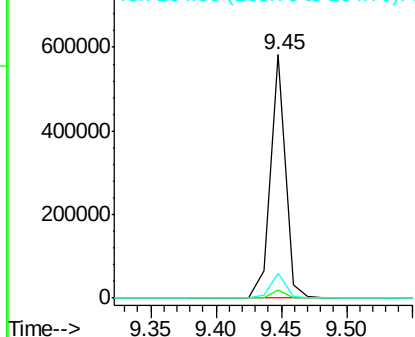


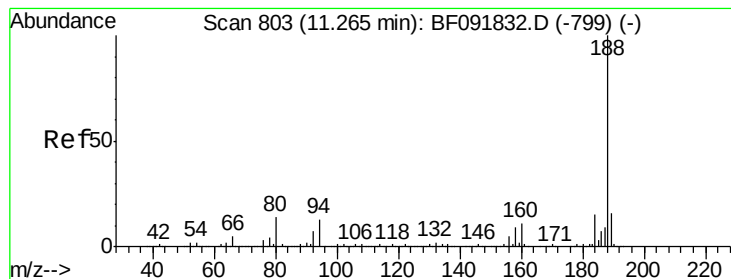
#49
 Dimethylphthalate
 Concen: 17.21 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF092051.D
 Acq: 30 Dec 2016 17:54

Tgt Ion:163 Resp: 469487
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.2 8.0 12.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

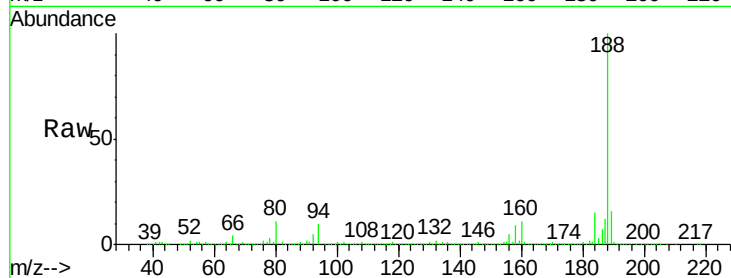
Tgt Ion:188 Resp: 647941

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

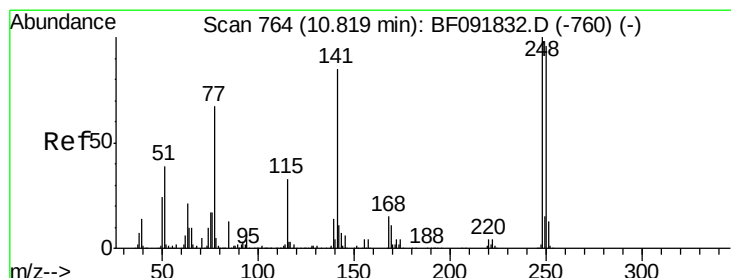
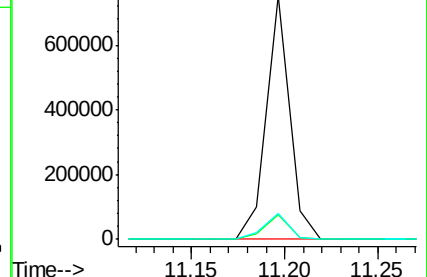
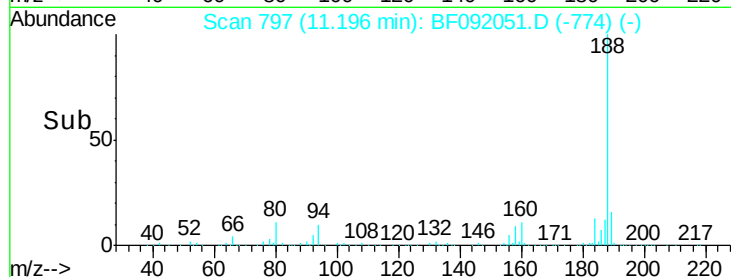
80 10.9 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 2.05 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.27 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

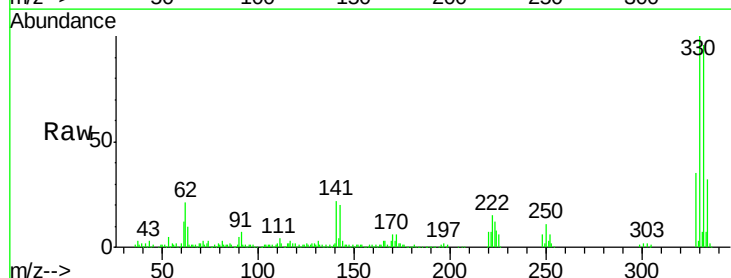
Tgt Ion:248 Resp: 13831

Ion Ratio Lower Upper

248 100

250 195.5 76.9 115.3#

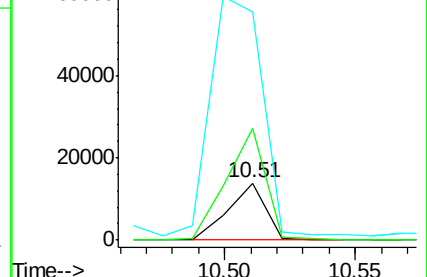
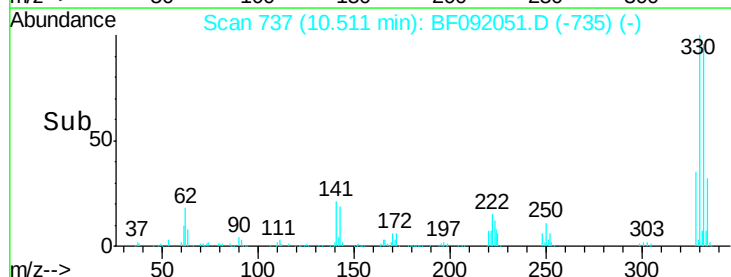
141 399.0 68.2 102.4#

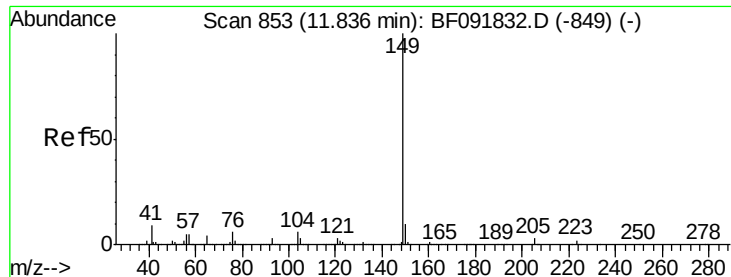


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

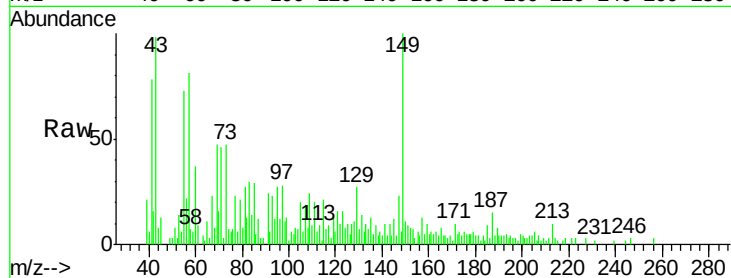
Tgt Ion:149 Resp: 20674

Ion Ratio Lower Upper

149 100

150 11.0 8.1 12.1

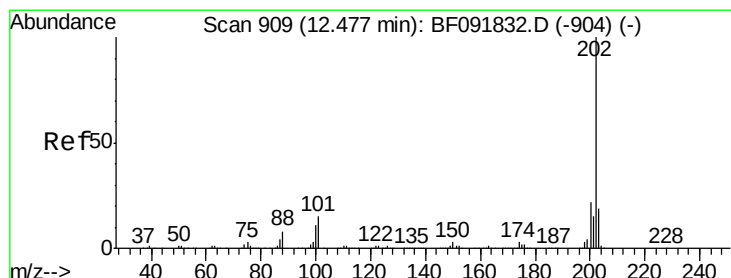
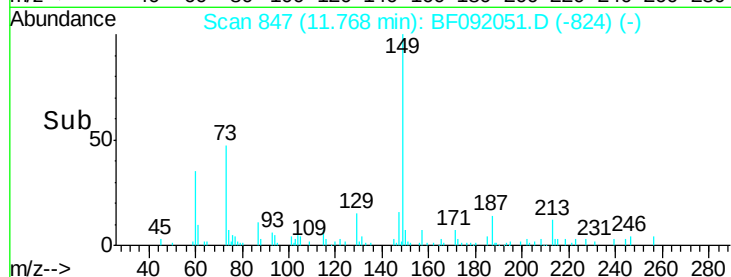
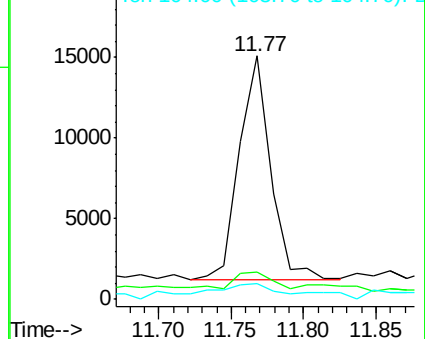
104 6.6 4.6 7.0



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: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

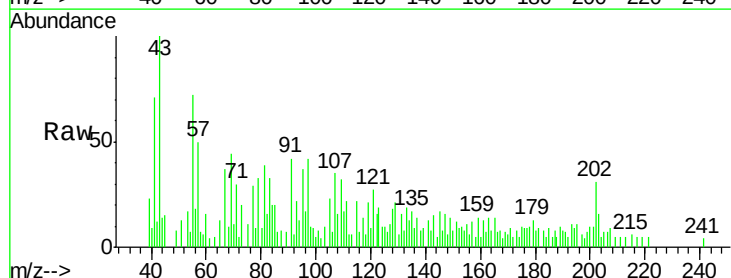
Tgt Ion:202 Resp: 2301

Ion Ratio Lower Upper

202 100

101 24.6 0.0 34.6

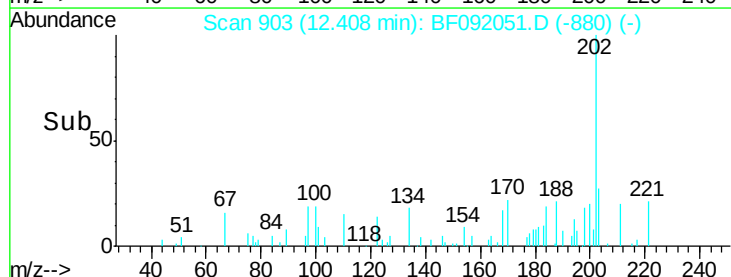
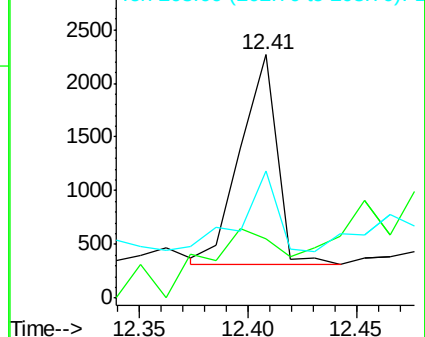
203 52.4 0.0 38.7#

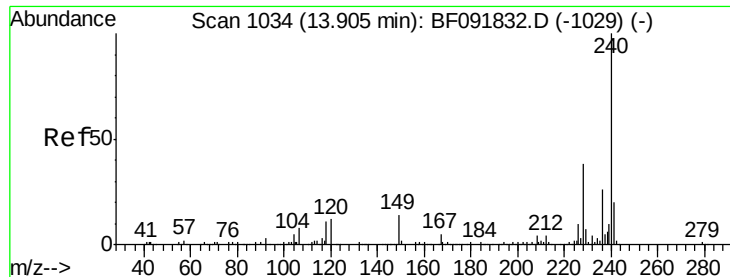


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

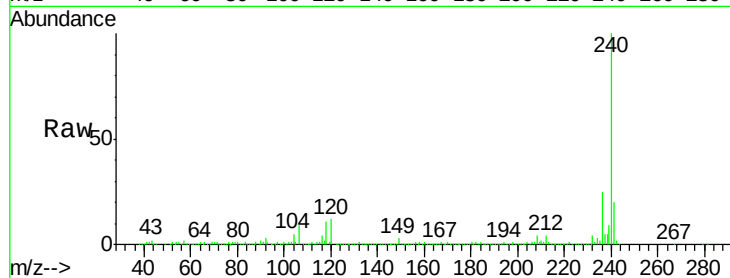
Tgt Ion:240 Resp: 413290

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

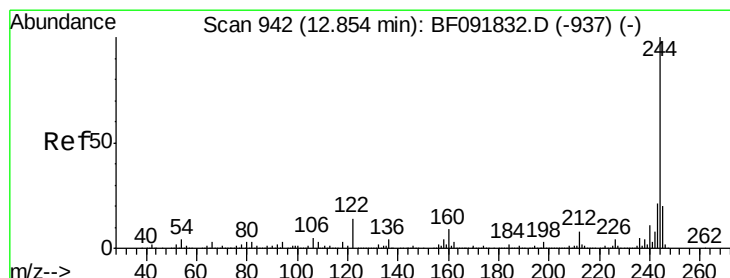
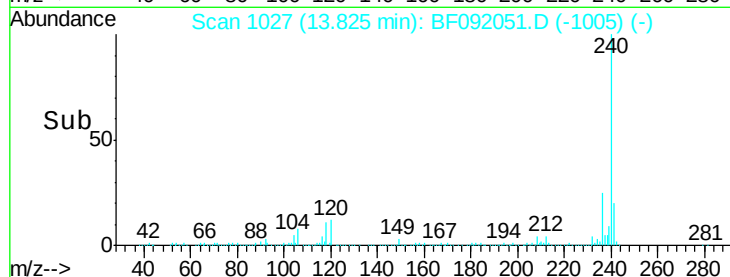
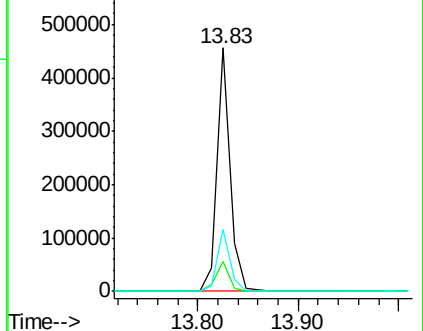
236 25.5 20.9 31.3



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: 61.09 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

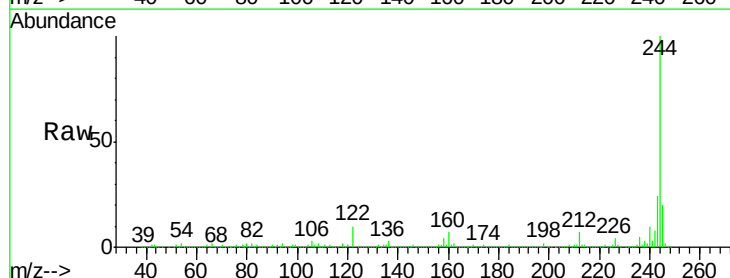
Tgt Ion:244 Resp: 1040976

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

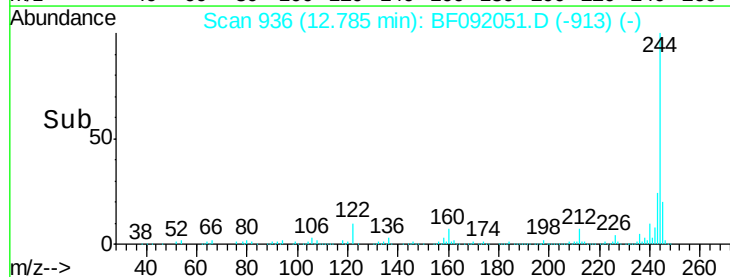
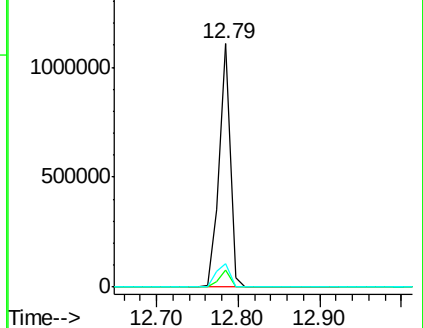
122 9.9 11.4 17.2#

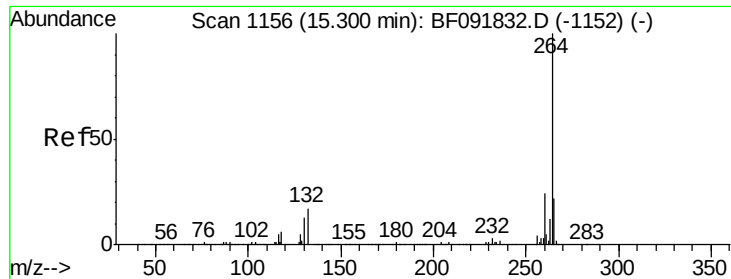


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 264 Resp: 392574
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.7 17.4 26.0

