

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092054.D
 Acq On : 30 Dec 2016 19:18
 Operator : UM/SJ
 Sample : H6318-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05R

Quant Time: Dec 30 21:59:42 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

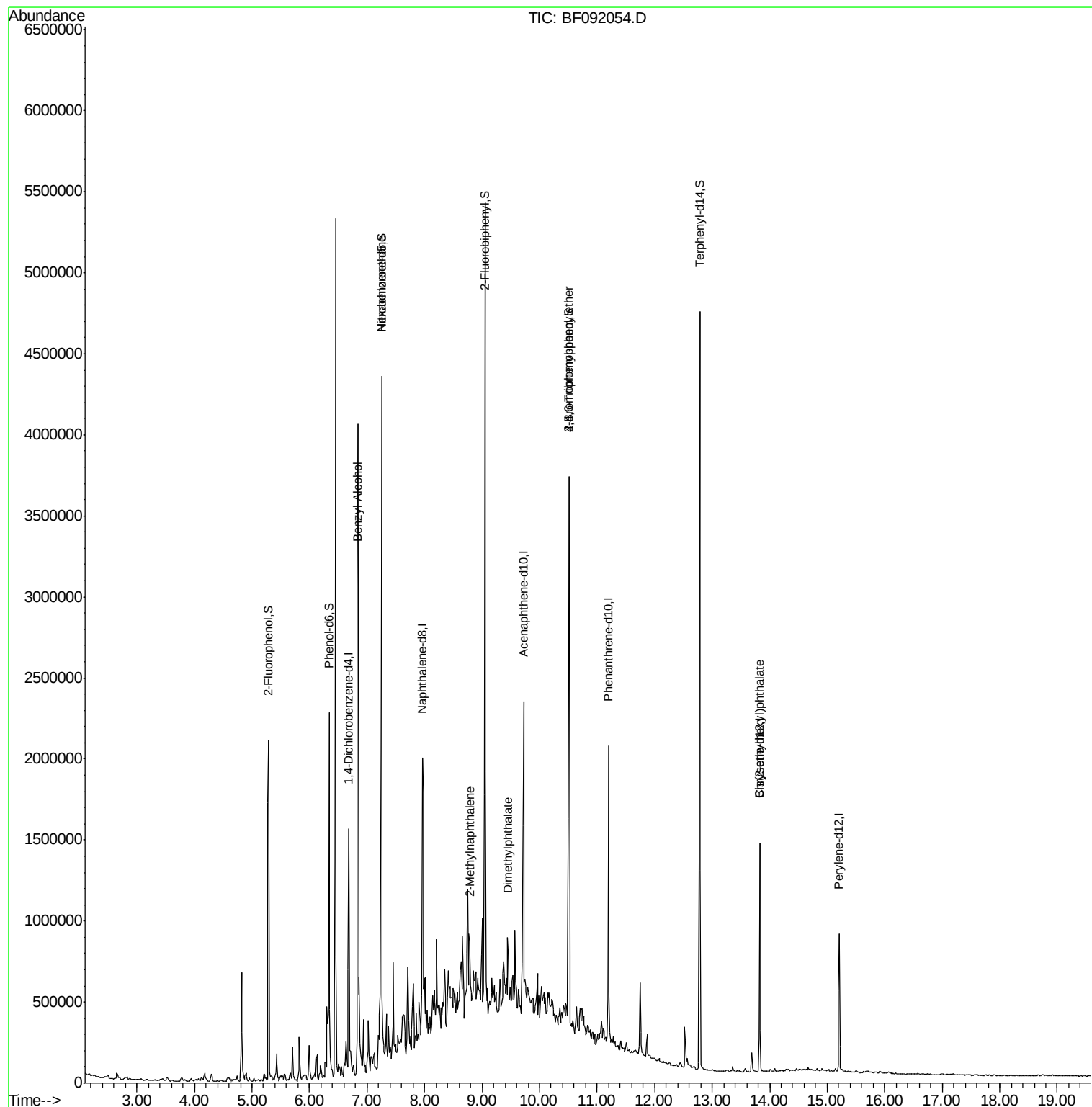
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	238878	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	903053	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	483825	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	661409	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	435449	20.00	ng	-0.05
86) Perylene-d12	15.21	264	394443	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	834292	58.32	ng	-0.03
7) Phenol-d6	6.34	99	767808	43.96	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1468608	90.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	416226	103.95	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1853434	77.33	ng	-0.03
78) Terphenyl-d14	12.79	244	1640784	91.38	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.22	77	2101	Below Cal	#	1
15) Benzyl Alcohol	6.83	79	28835	2.12 ng	#	53
18) Hexachloroethane	7.25	117	213061	32.50 ng	#	2
37) 2-Methylnaphthalene	8.78	142	103895	2.77 ng		94
49) Dimethylphthalate	9.45	163	121725	3.93 ng		98
66) 4-Bromophenyl-phenylether	10.51	248	27660	4.02 ng	#	1
71) Anthracene	11.22	178	2491	Below Cal	#	55
73) Di-n-butylphthalate	11.77	149	12879	Below Cal	#	92
74) Fluoranthene	12.41	202	1658	Below Cal	#	44
83) Bis(2-ethylhexyl)phthalate	13.83	149	34754	2.03 ng		96

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

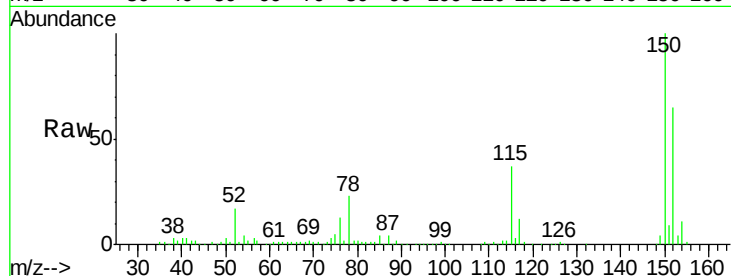
Tgt Ion:152 Resp: 238878

Ion Ratio Lower Upper

152 100

150 153.5 124.9 187.3

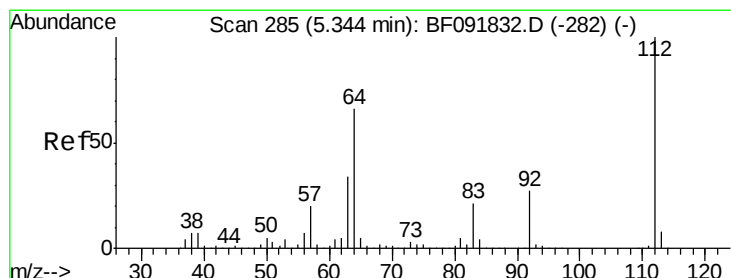
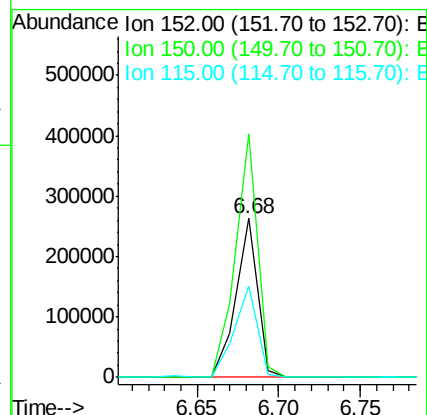
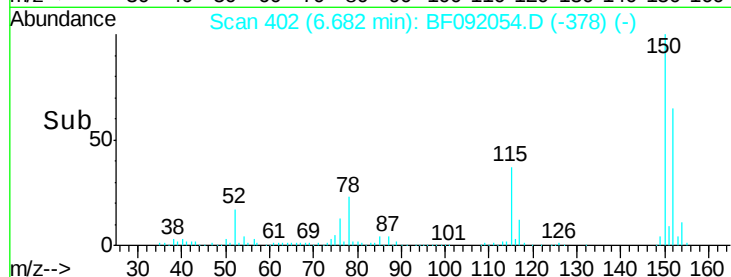
115 57.6 46.0 69.0



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: 58.32 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

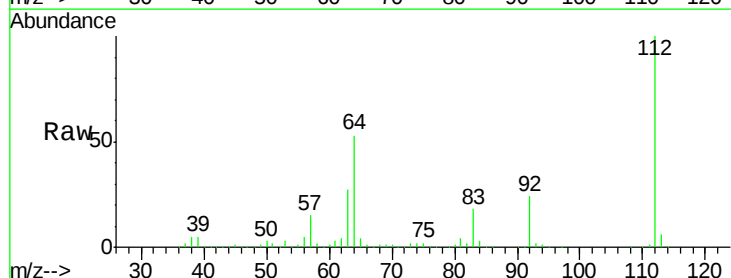
Tgt Ion:112 Resp: 834292

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

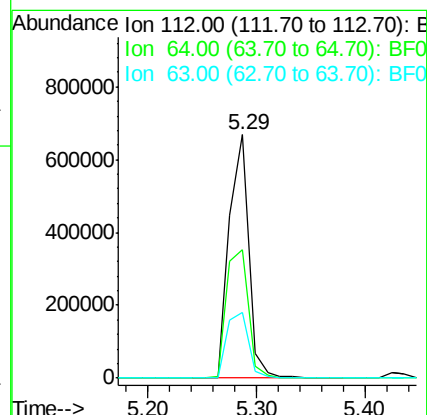
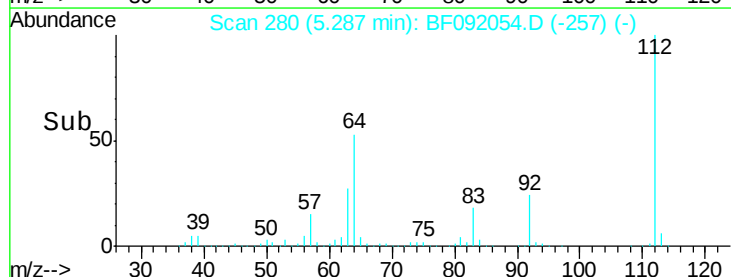
63 27.1 23.8 35.6



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: 43.96 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

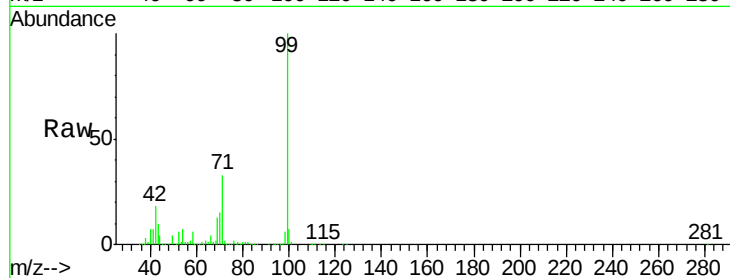
Tgt Ion: 99 Resp: 767808

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

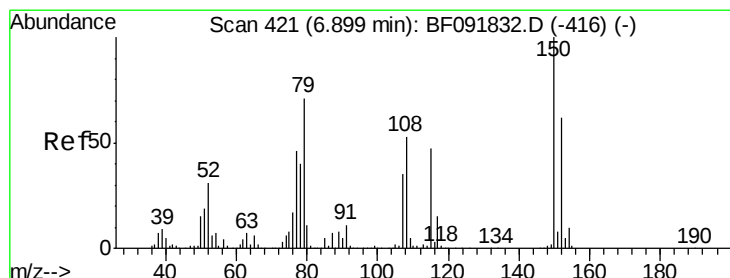
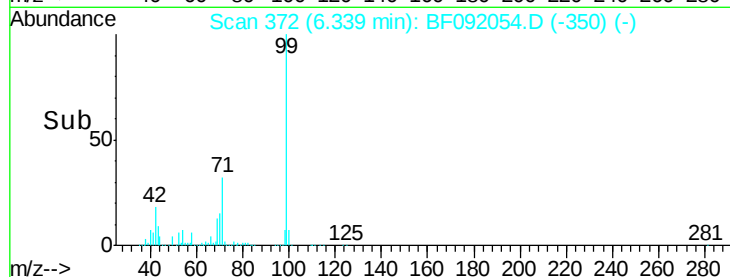
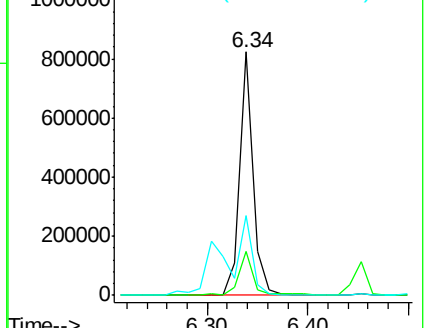
71 32.6 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

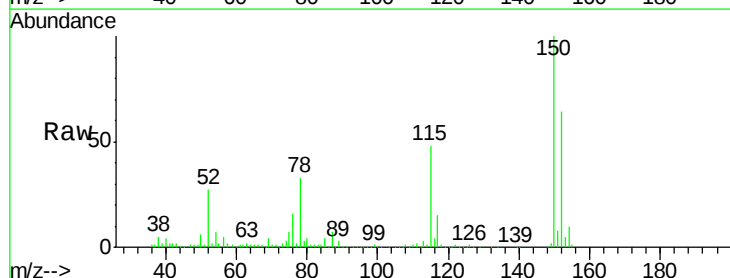
Tgt Ion: 79 Resp: 28835

Ion Ratio Lower Upper

79 100

108 26.6 61.4 92.0#

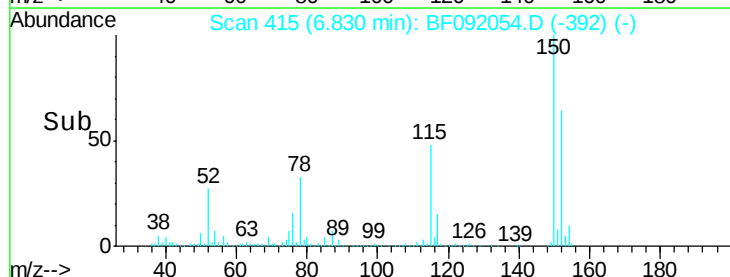
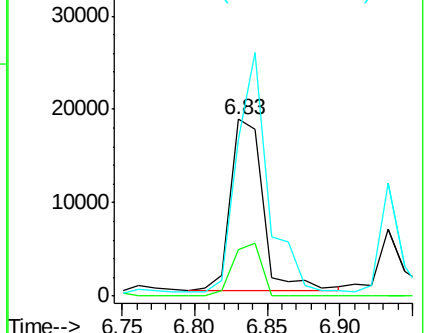
77 89.0 50.9 76.3#

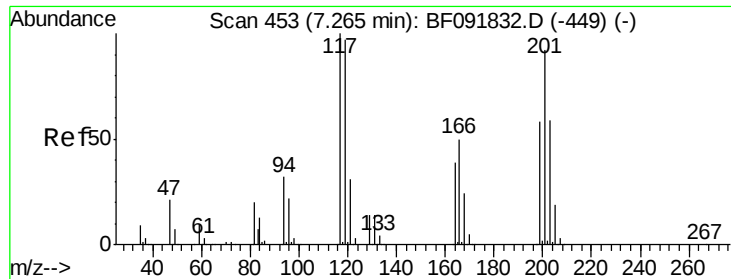


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 32.50 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

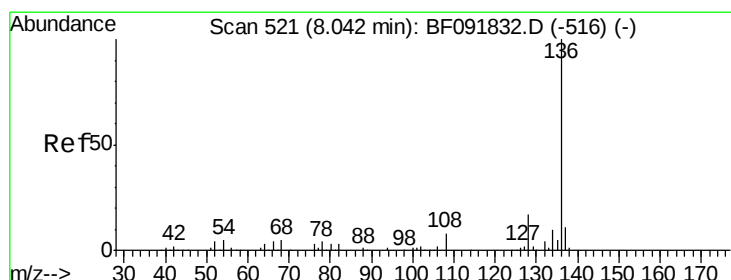
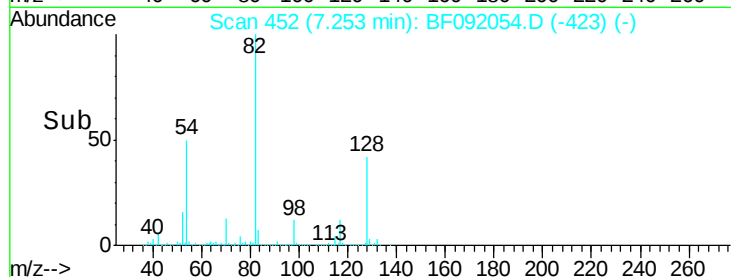
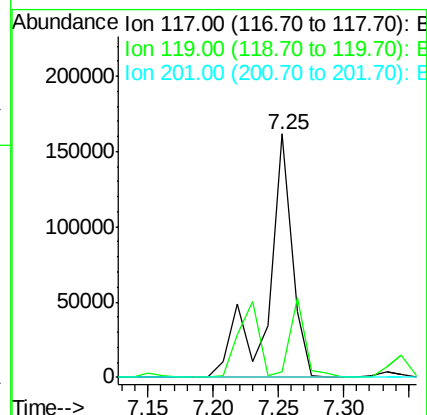
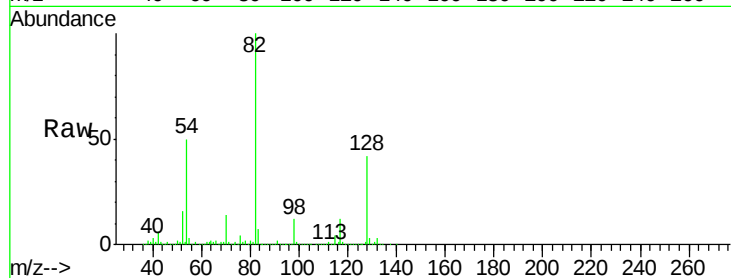
Tgt Ion:117 Resp: 213061

Ion Ratio Lower Upper

117 100

119 2.4 78.1 117.1#

201 0.0 78.6 117.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Tgt Ion:136 Resp: 903053

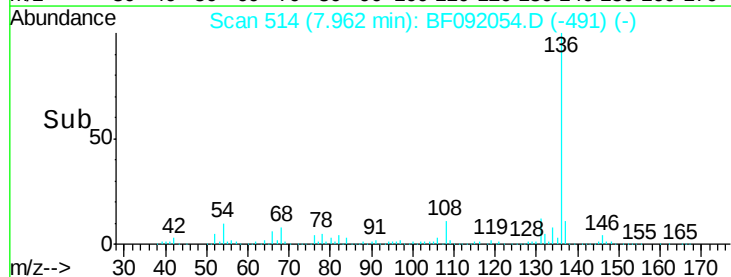
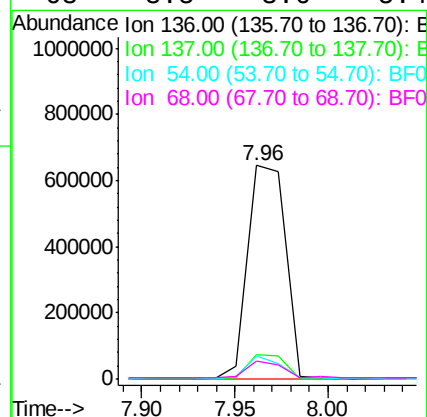
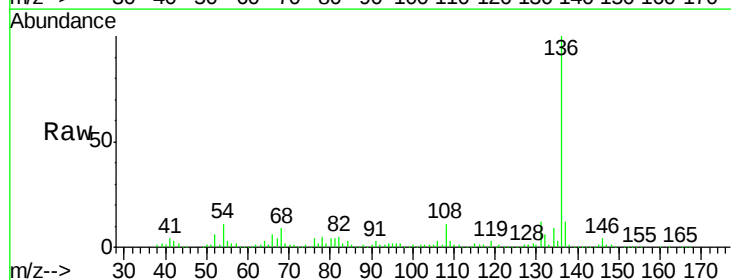
Ion Ratio Lower Upper

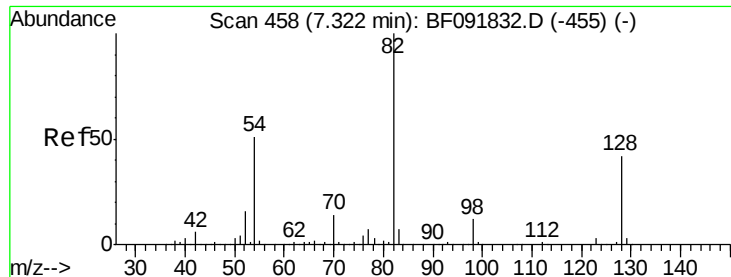
136 100

137 11.6 8.4 12.6

54 10.9 4.5 6.7#

68 8.5 3.6 5.4#

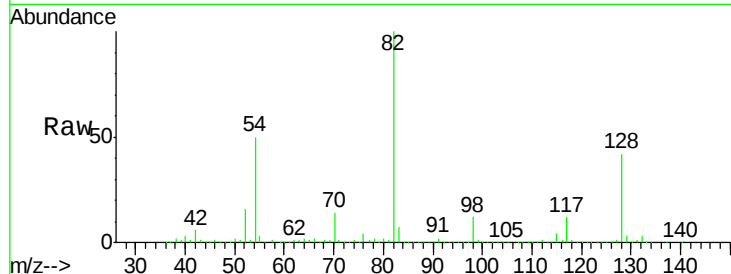




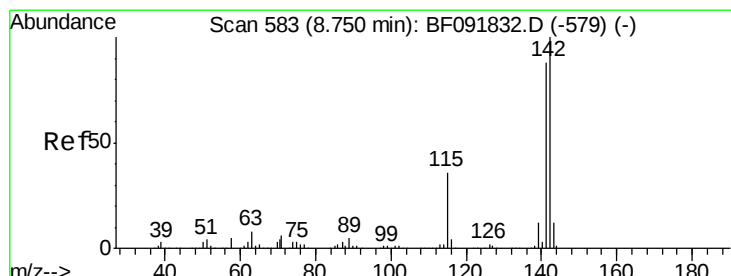
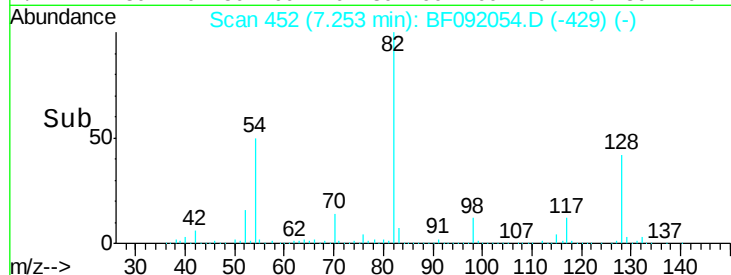
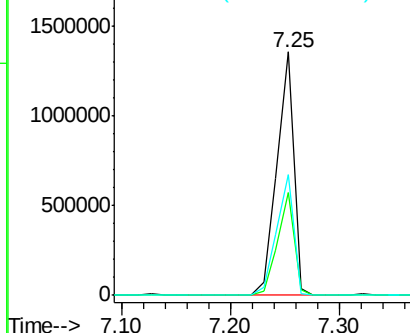
#23
 Nitrobenzene-d5
 Concen: 90.43 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092054.D
 Acq: 30 Dec 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-05R

Tgt Ion: 82 Resp: 1468608
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 49.7 39.5 59.3

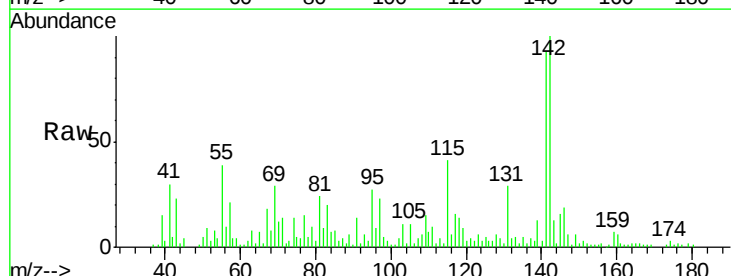


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

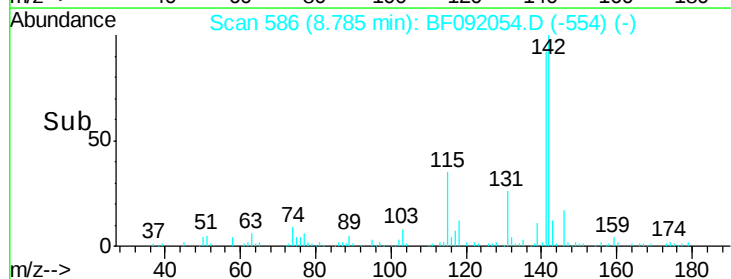
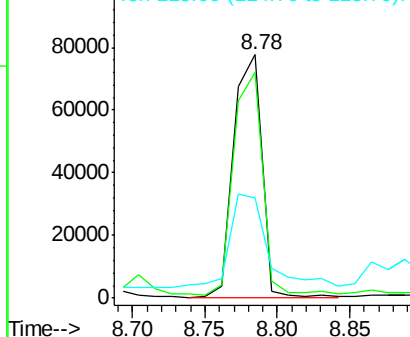


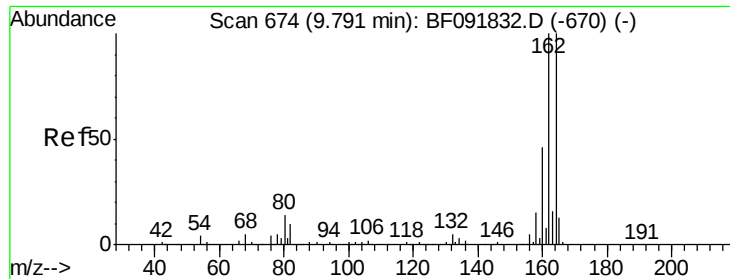
#37
 2-Methylnaphthalene
 Concen: 2.77 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.07 min
 Lab File: BF092054.D
 Acq: 30 Dec 2016 19:18

Tgt Ion: 142 Resp: 103895
 Ion Ratio Lower Upper
 142 100
 141 92.9 71.0 106.6
 115 41.4 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

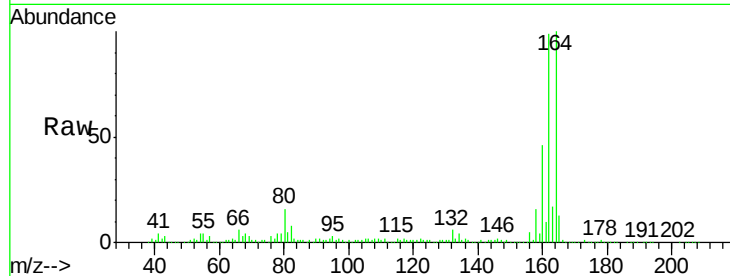
Tgt Ion:164 Resp: 483825

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.2

160 45.7 36.9 55.3



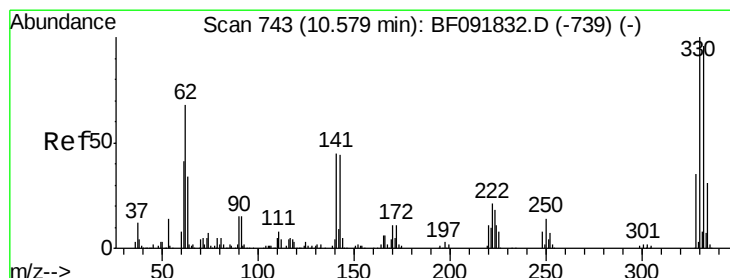
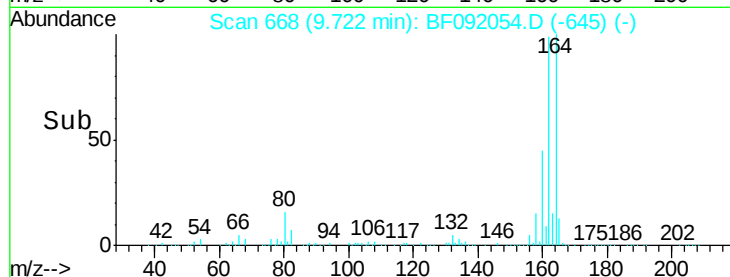
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.72

Time-->



#41

2,4,6-Tribromophenol

Concen: 103.95 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

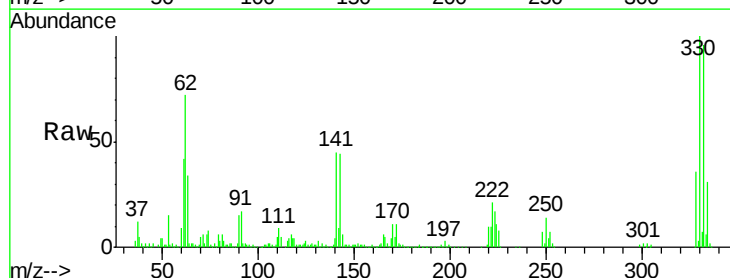
Tgt Ion:330 Resp: 416226

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 41.6 34.1 51.1



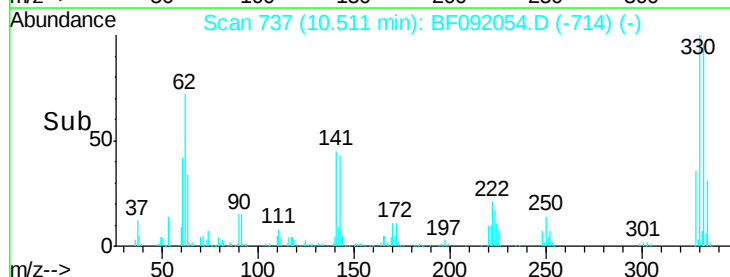
Abundance Ion 329.80 (329.50 to 330.50): E

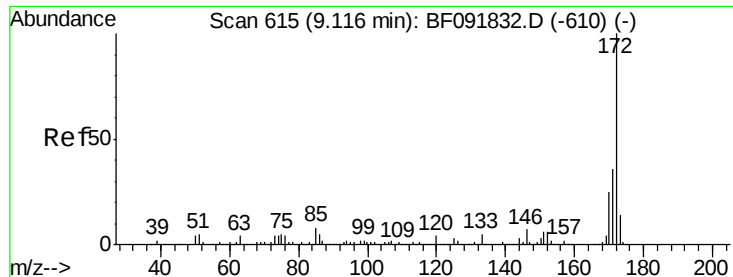
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.51

Time-->

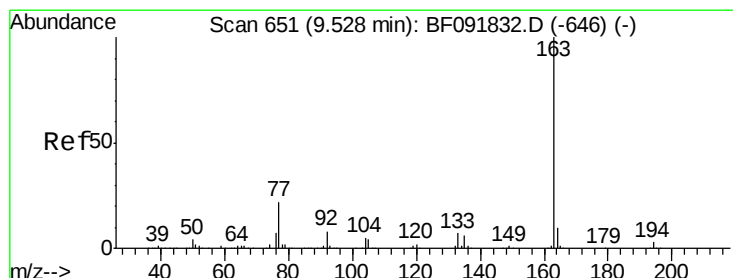
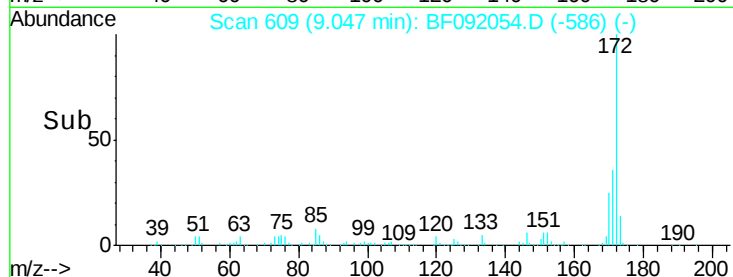
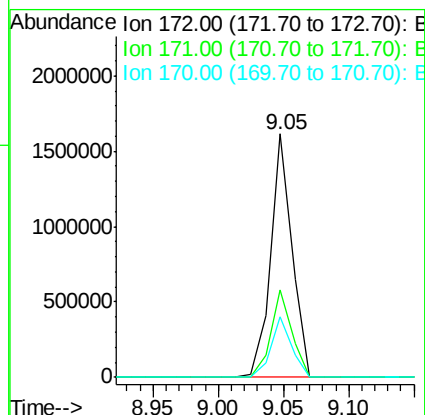
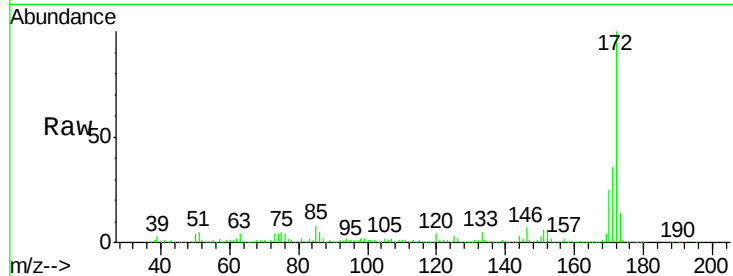




#44
2-Fluorobiphenyl
Concen: 77.33 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF092054.D
Acq: 30 Dec 2016 19:18

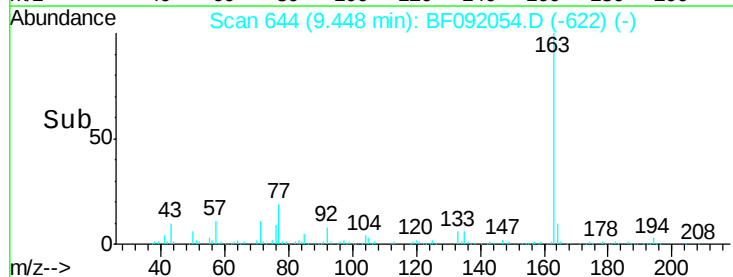
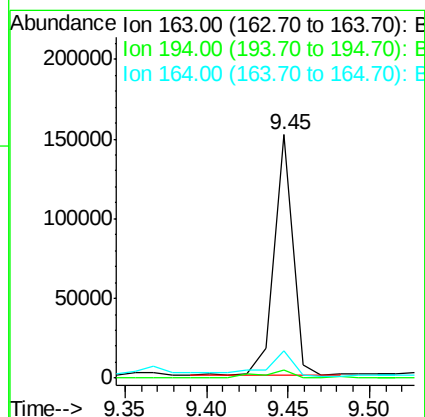
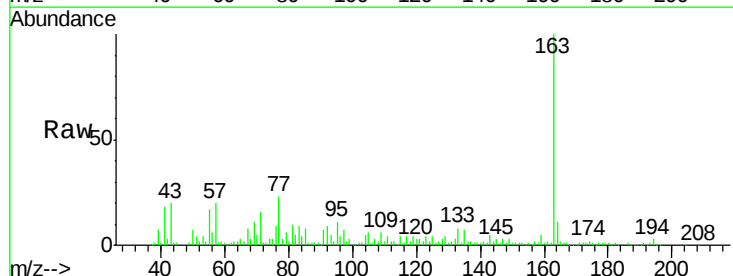
Instrument :
BNA_F
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MW-05R

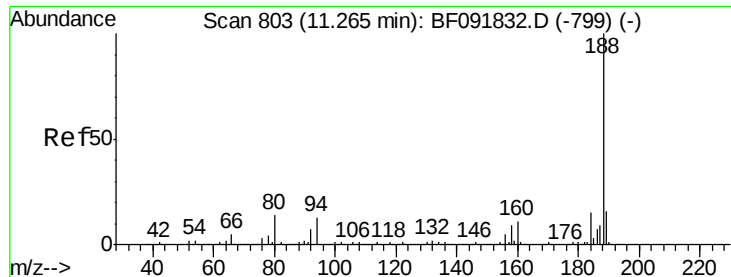
Tgt Ion:172 Resp: 1853434
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 3.93 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092054.D
Acq: 30 Dec 2016 19:18

Tgt Ion:163 Resp: 121725
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 11.0 8.0 12.0

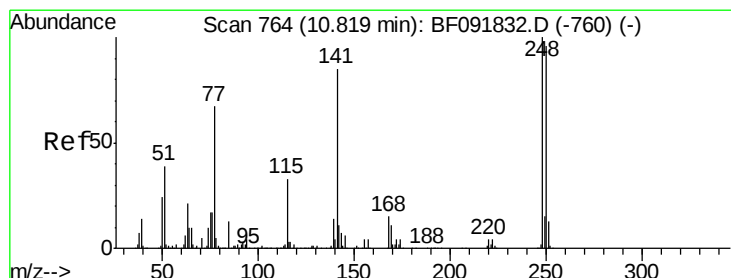
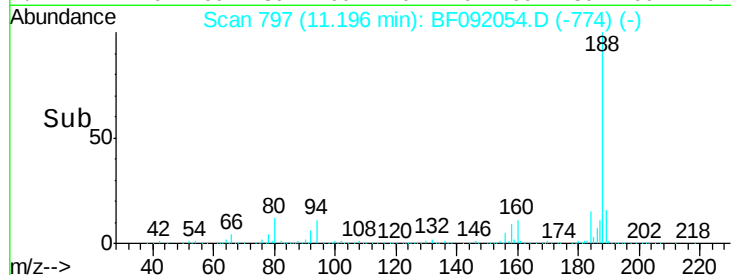
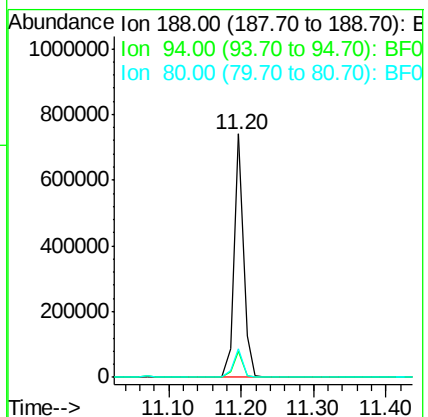
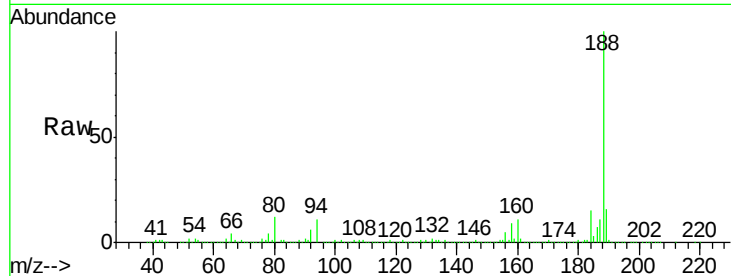




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092054.D
Acq: 30 Dec 2016 19:18

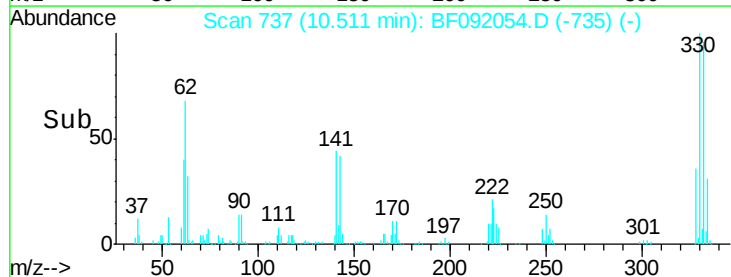
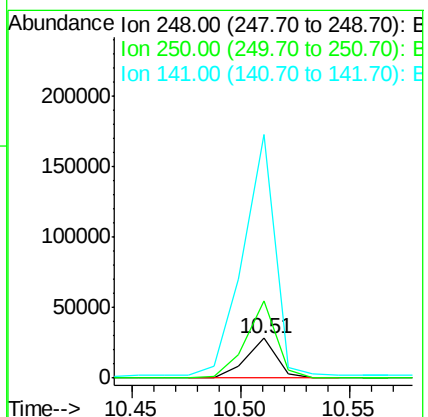
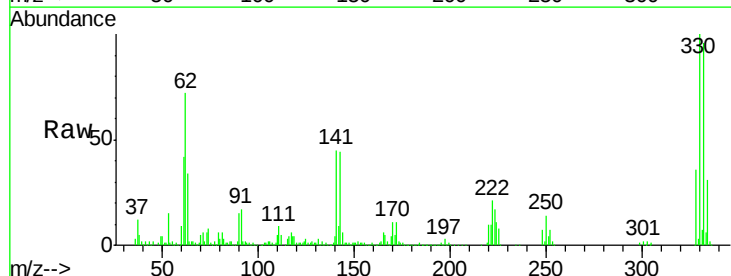
Instrument :
BNA_F
ClientSampled :
MW-05R

Tgt Ion:188 Resp: 661409
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.7 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF092054.D
Acq: 30 Dec 2016 19:18

Tgt Ion:248 Resp: 27660
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 610.6 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

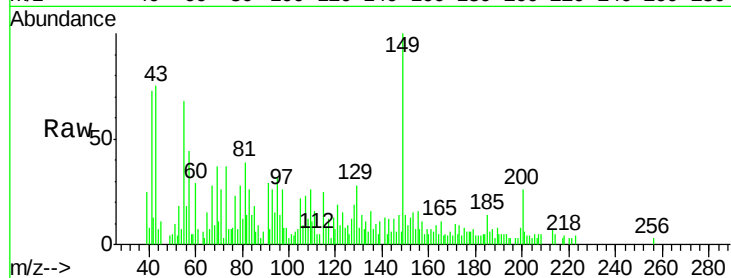
Tgt Ion:149 Resp: 12879

Ion Ratio Lower Upper

149 100

150 14.4 8.1 12.1#

104 6.6 4.6 7.0

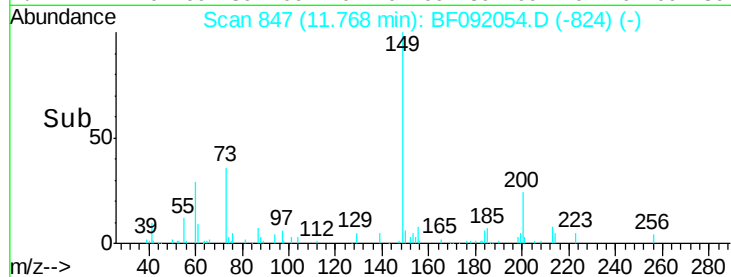


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 11.70 11.75 11.80



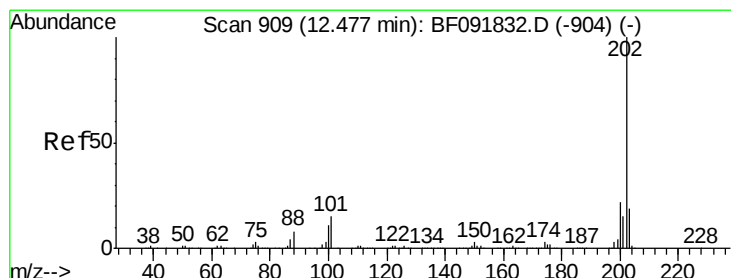
Abundance

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

Time--> 11.70 11.75 11.80



#74

Fluoranthene

Concen: Below Cal

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

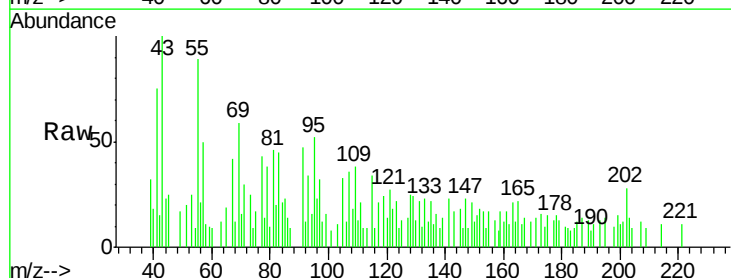
Tgt Ion:202 Resp: 1658

Ion Ratio Lower Upper

202 100

101 30.4 0.0 34.6

203 50.2 0.0 38.7#

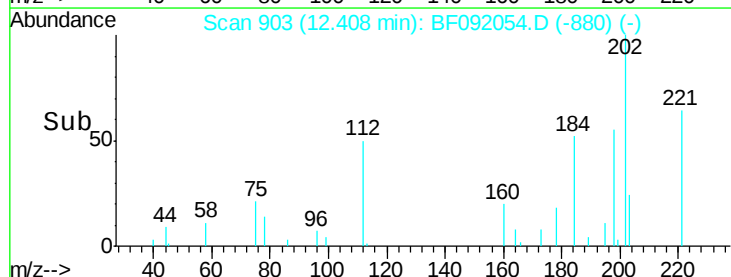


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 12.35 12.40 12.45



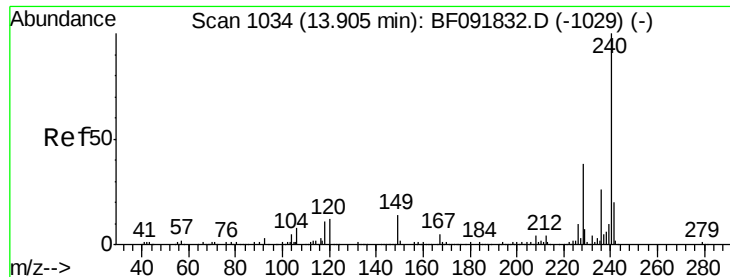
Abundance

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

Time--> 12.35 12.40 12.45



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

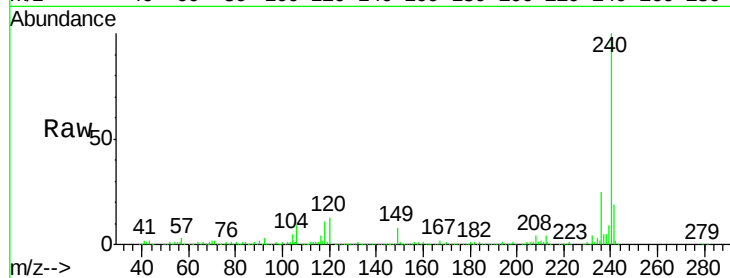
Tgt Ion:240 Resp: 435449

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

236 25.4 20.9 31.3

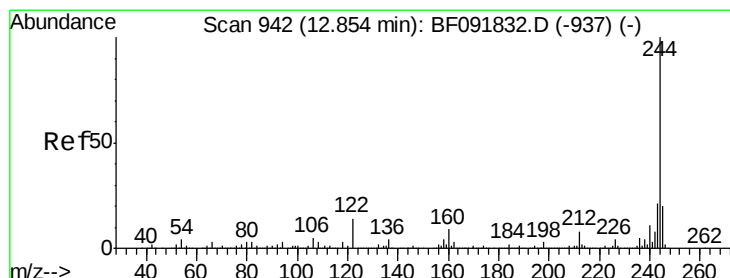
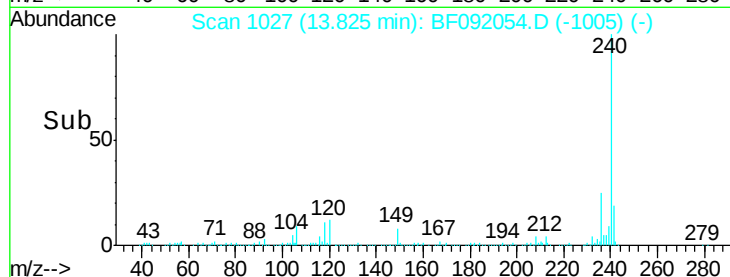
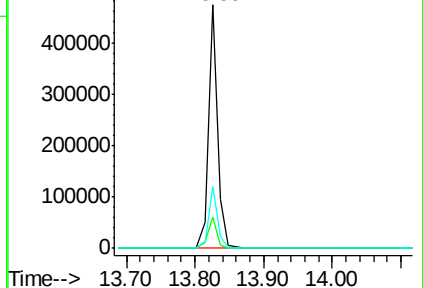


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.83



#78

Terphenyl-d14

Concen: 91.38 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

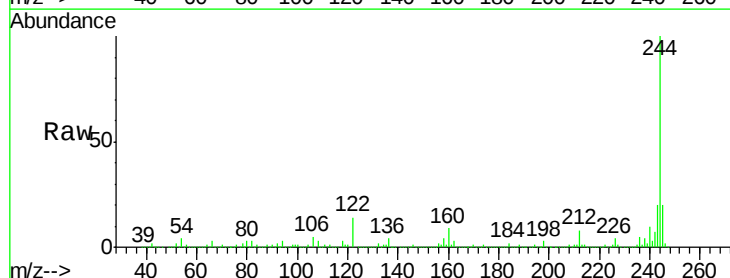
Tgt Ion:244 Resp: 1640784

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.8 11.4 17.2

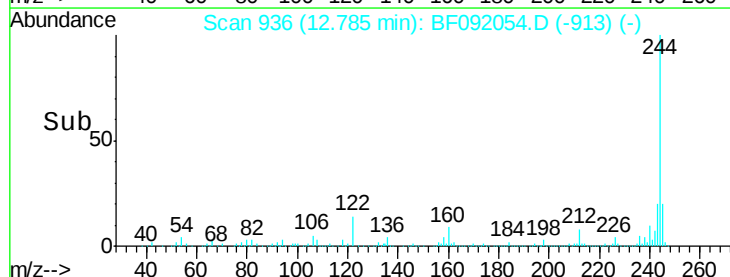
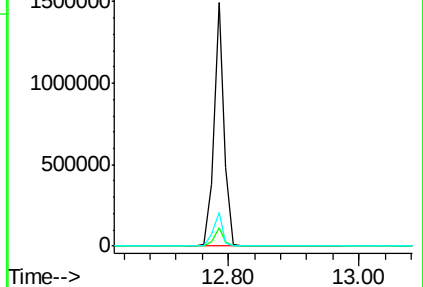


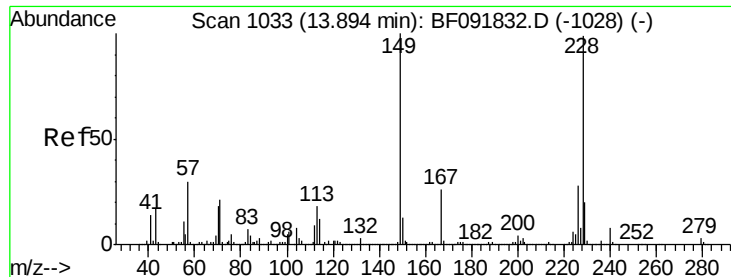
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.79





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.03 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampled :

MW-05R

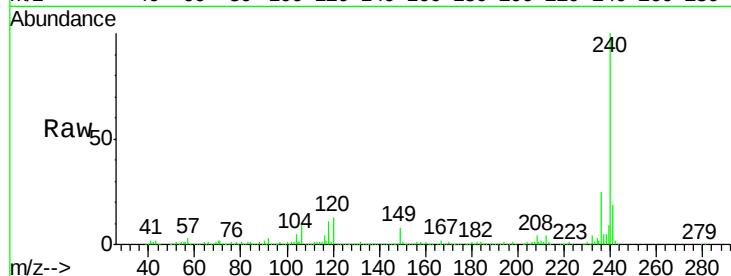
Tgt Ion:149 Resp: 34754

Ion Ratio Lower Upper

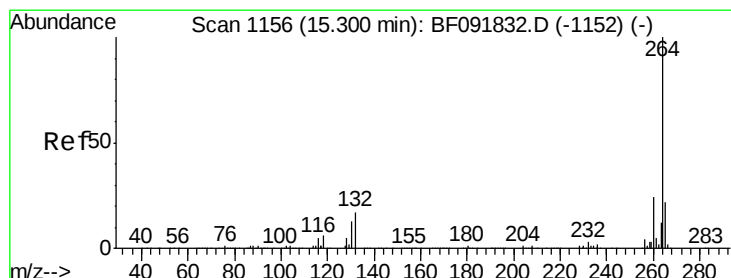
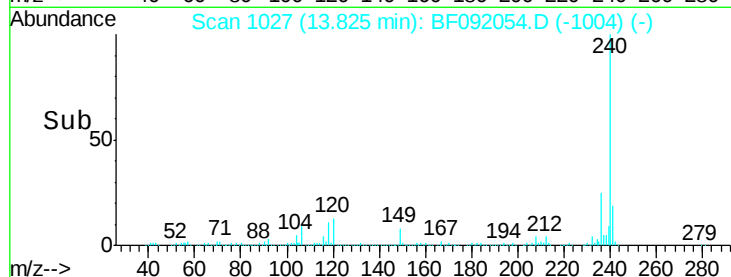
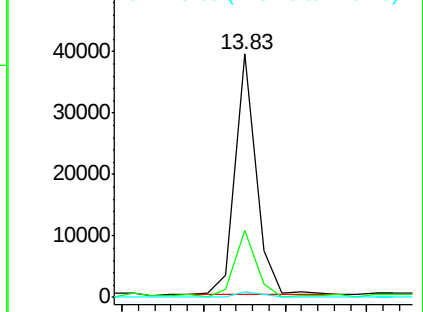
149 100

167 27.5 20.2 30.4

279 2.4 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

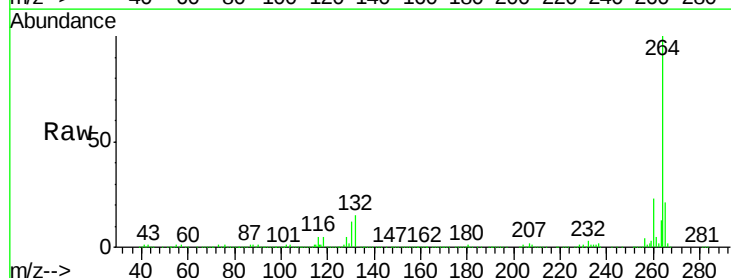
Tgt Ion:264 Resp: 394443

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

