

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094595.D
 Acq On : 24 Apr 2017 19:49
 Operator : SJ/MA
 Sample : I2802-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Quant Time: Apr 25 01:08:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

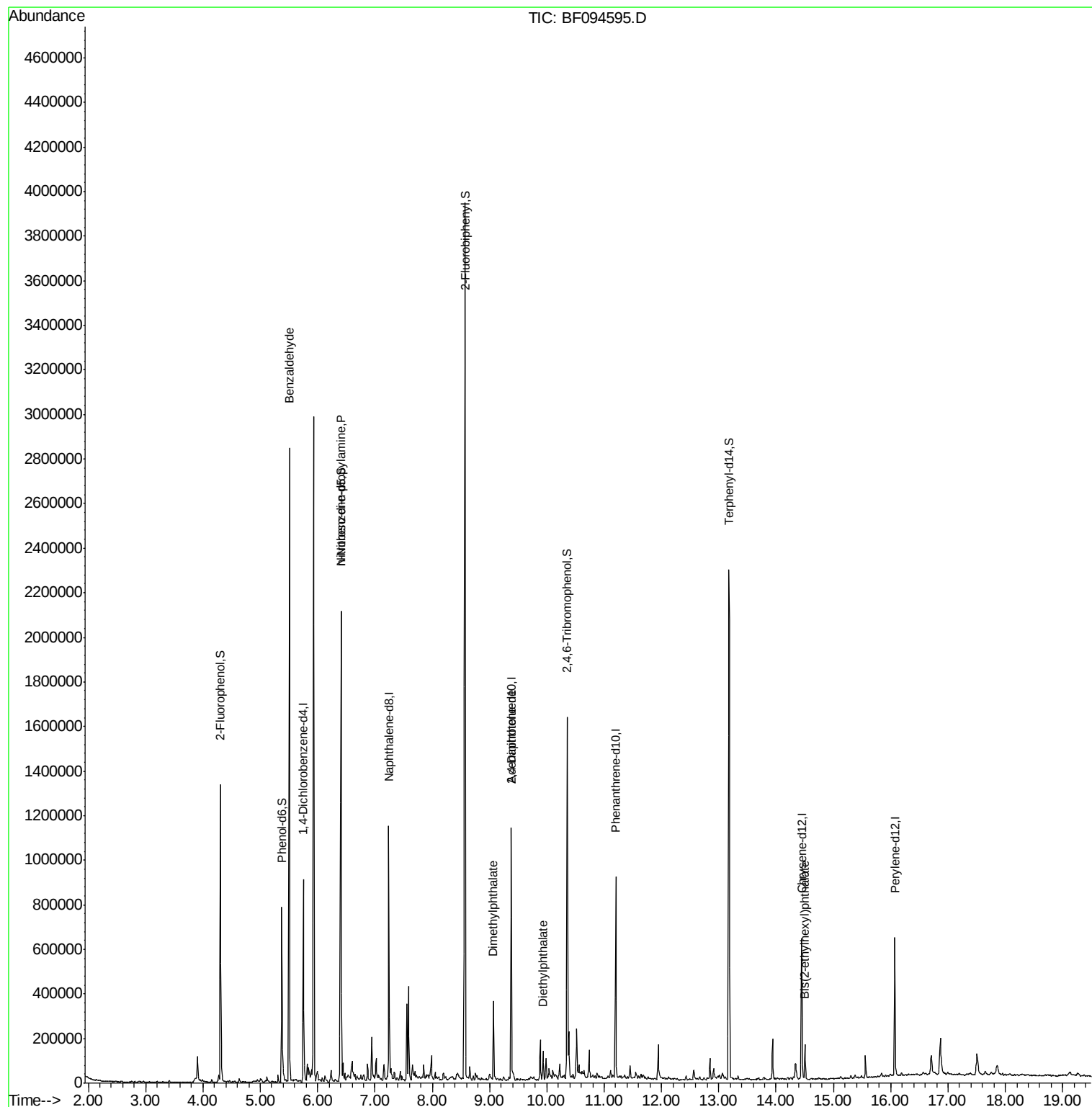
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	147013	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	559766	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	232576	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	366810	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	251204	20.00	ng	-0.02
86) Perylene-d12	16.07	264	234106	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	439177	49.56	ng	0.00
7) Phenol-d6	5.37	99	321670	30.79	ng	-0.02
23) Nitrobenzene-d5	6.41	82	794207	87.61	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	217242	119.42	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1407441	89.04	ng	-0.01
78) Terphenyl-d14	13.18	244	858402	91.34	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.51	77	17104	2.15	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	6.41	70	104653	15.12	ng	# 75
49) Dimethylphthalate	9.07	163	145555	8.40	ng	99
56) 2,4-Dinitrotoluene	9.38	165	29151	6.11	ng	# 33
59) Diethylphthalate	9.94	149	45236	2.77	ng	98
83) Bis(2-ethylhexyl)phthalate	14.51	149	51235	4.96	ng	# 99

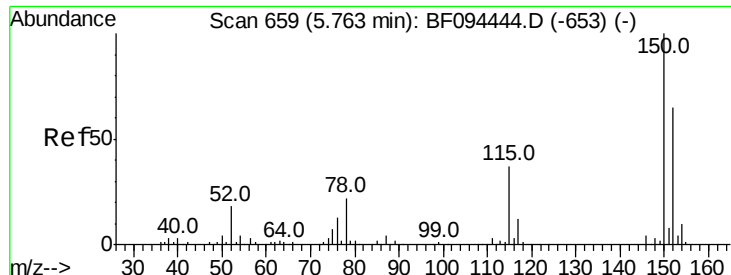
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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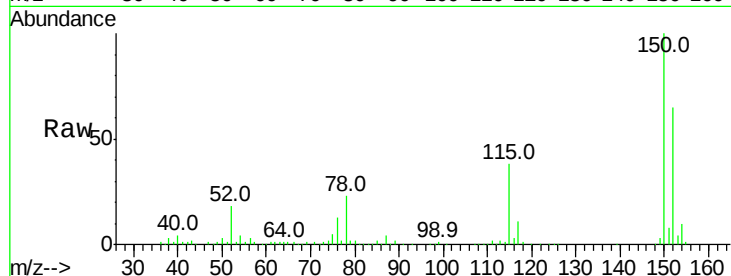


#1

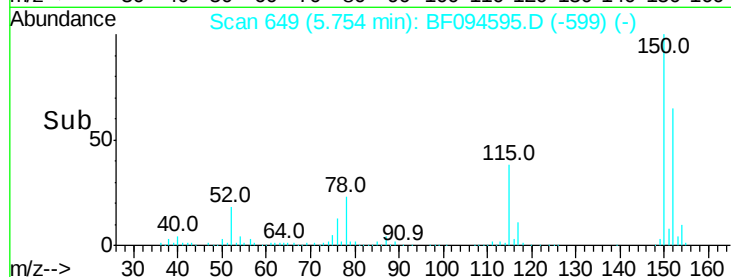
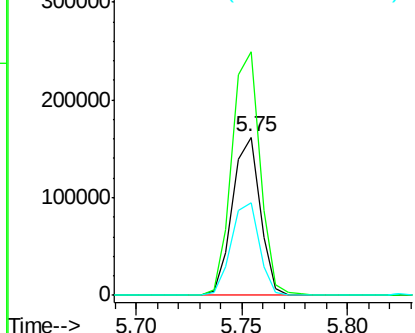
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :
MH-6

Tot Ion:152 Resp: 147013
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 58.3 52.2 78.2



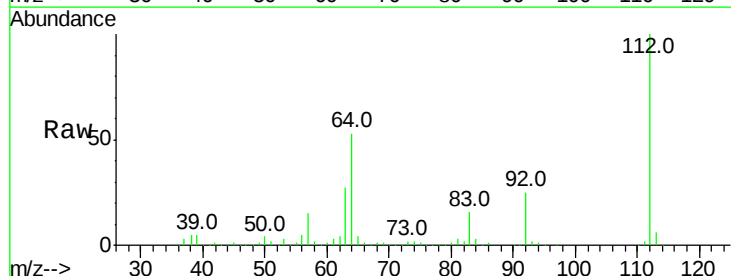
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



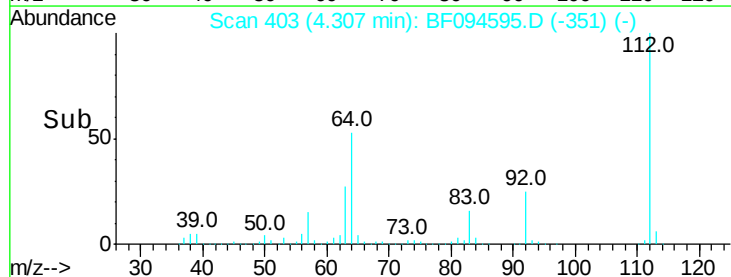
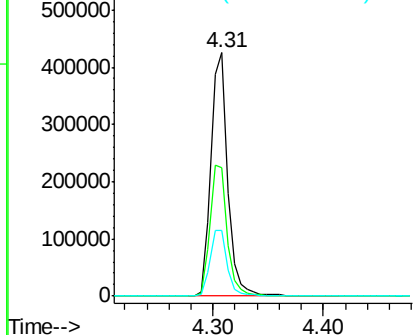
#5

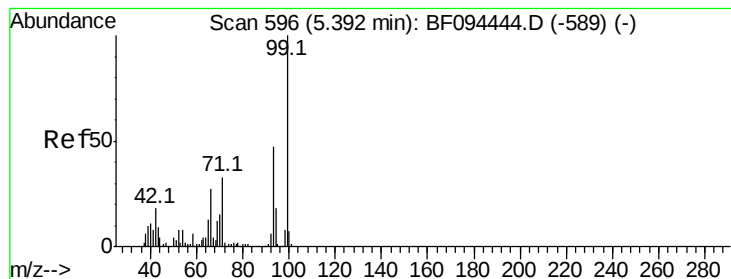
2-Fluorophenol
Concen: 49.56 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Tgt Ion:112 Resp: 439177
Ion Ratio Lower Upper
112 100
64 52.9 46.0 69.0
63 26.7 23.4 35.0



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: 30.79 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

MH-6

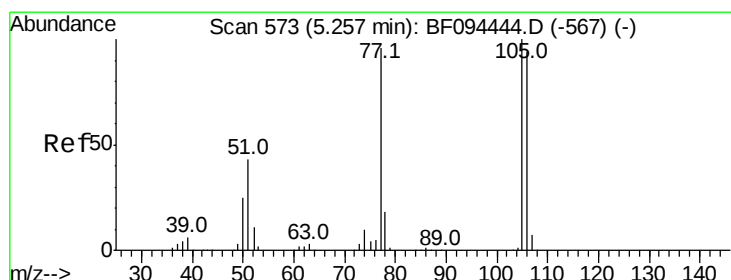
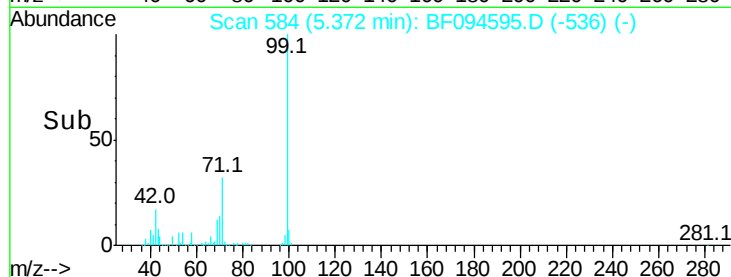
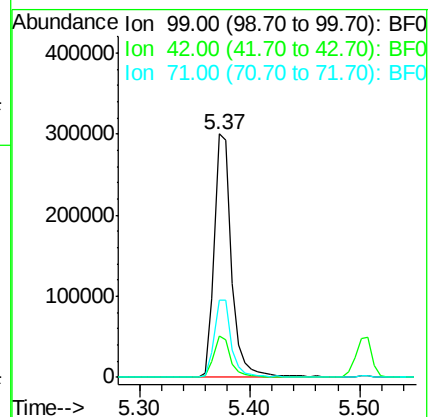
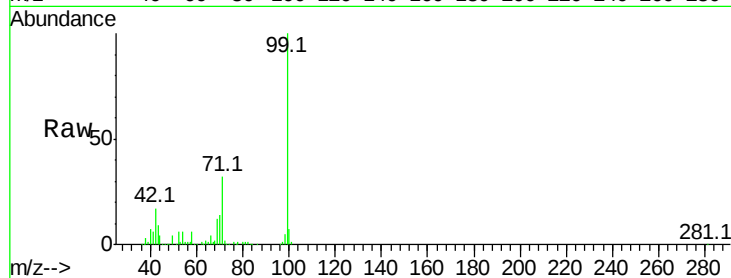
Tot Ion: 99 Resp: 321670

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 31.8 24.5 36.7



#9

Benzaldehyde

Concen: 2.15 ng

RT: 5.51 min Scan# 607

Delta R.T. 0.25 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

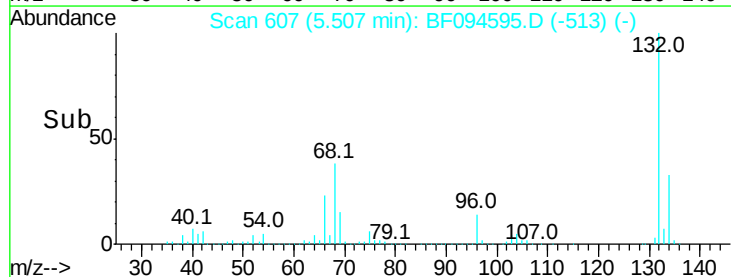
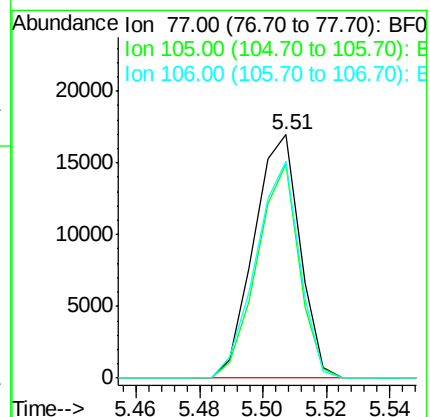
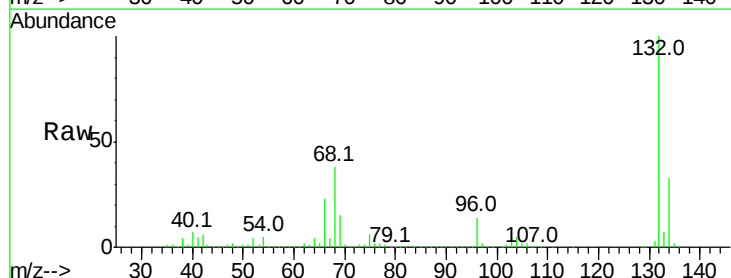
Tgt Ion: 77 Resp: 17104

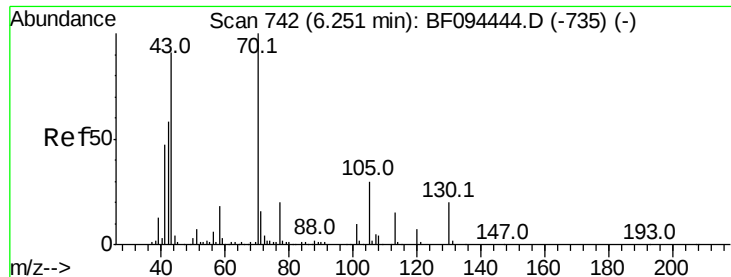
Ion Ratio Lower Upper

77 100

105 88.2 83.8 123.8

106 89.2 79.1 119.1





#19

n-Nitroso-di-n-propylamine

Concen: 15.12 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

MH-6

Tot Ion: 70 Resp: 104653

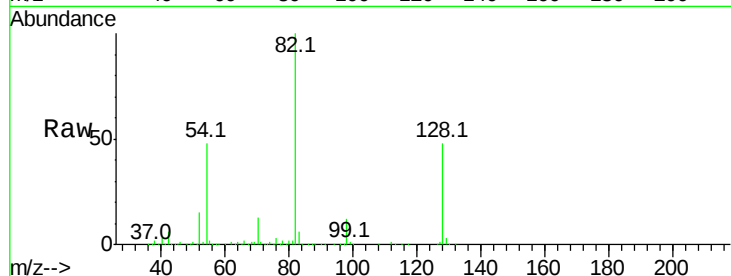
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

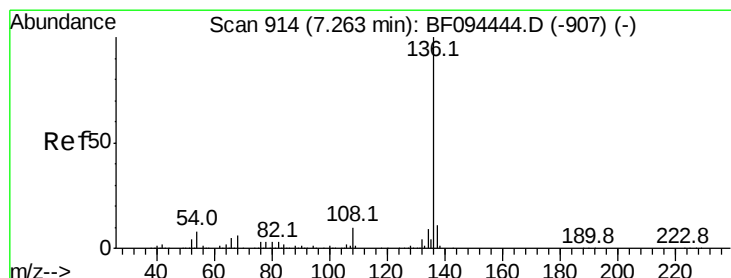
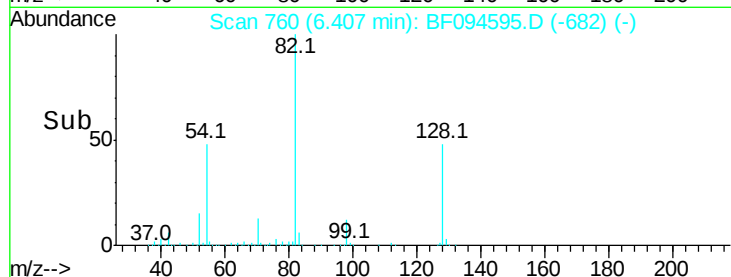
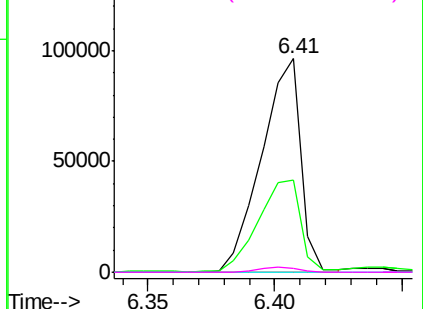


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Tgt Ion:136 Resp: 559766

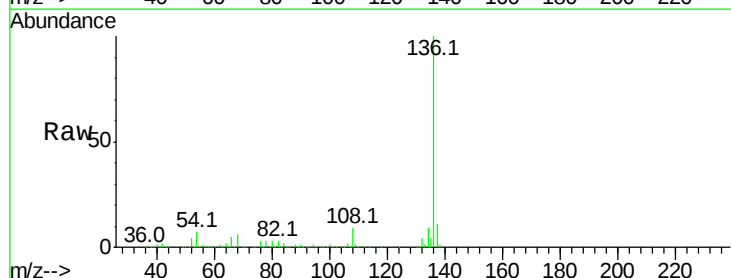
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1

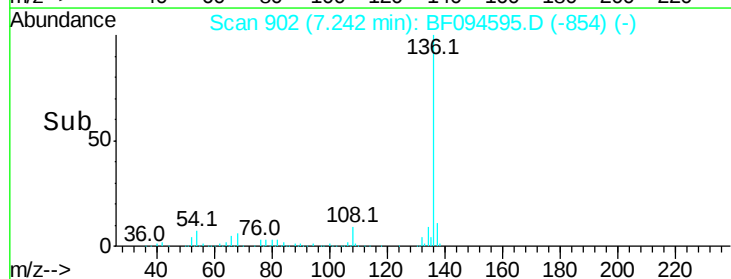
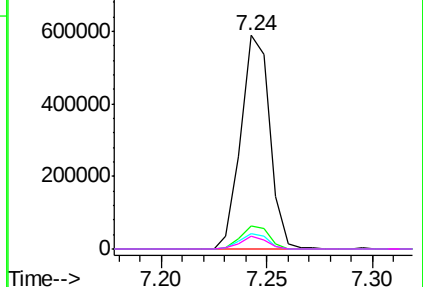


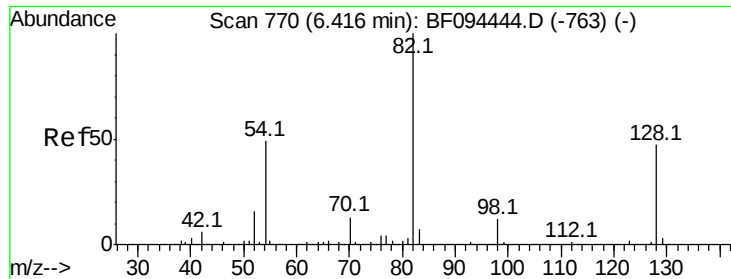
Abundance Ion 136.00 (135.70 to 136.70): E

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

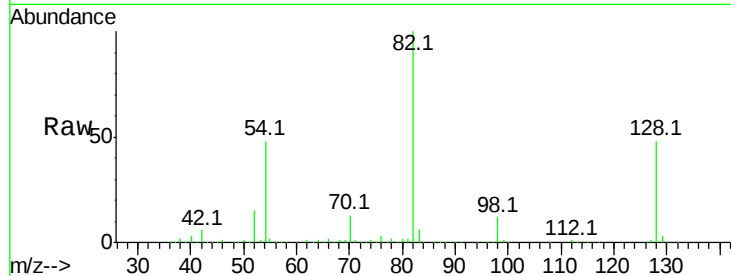




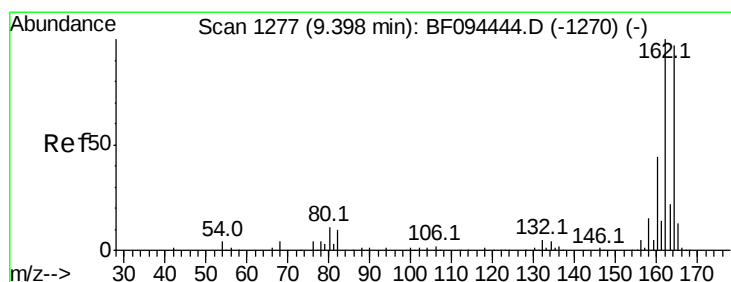
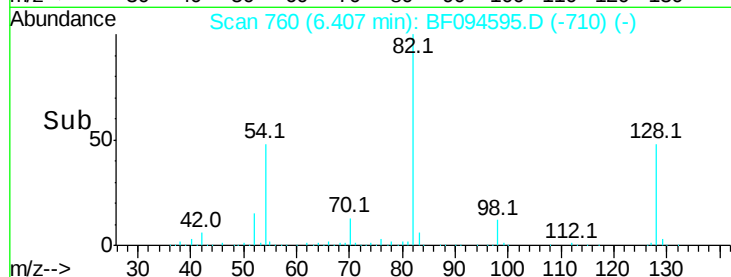
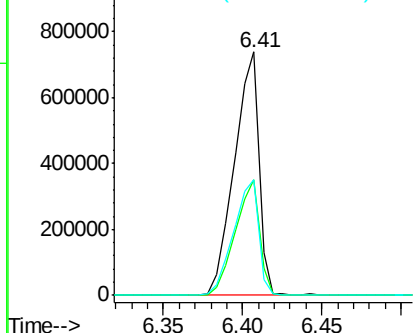
#23
 Nitrobenzene-d5
 Concen: 87.61 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	47.6	42.2	63.2

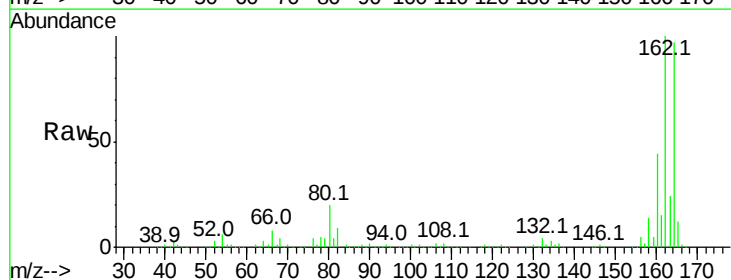


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

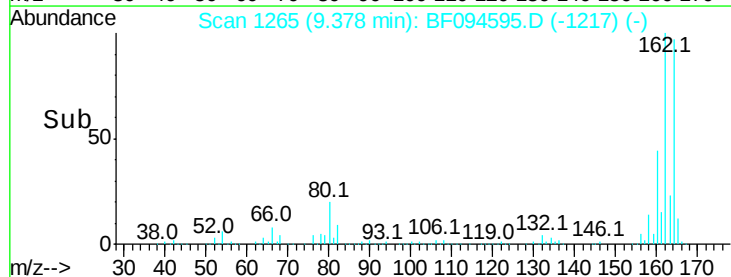
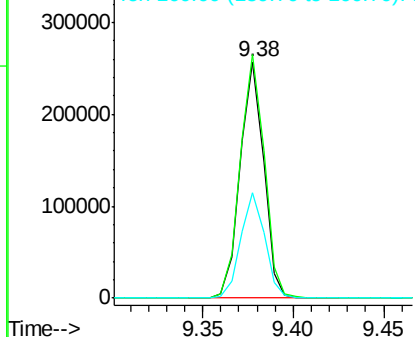


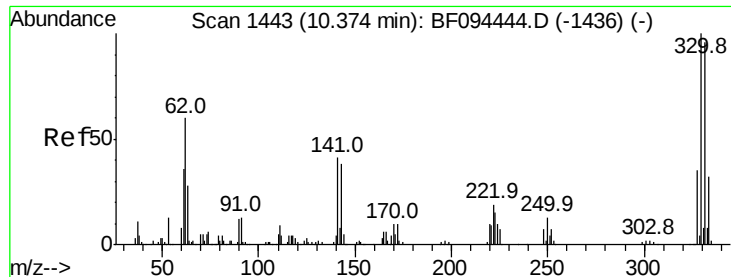
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.8	36.2	54.2



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

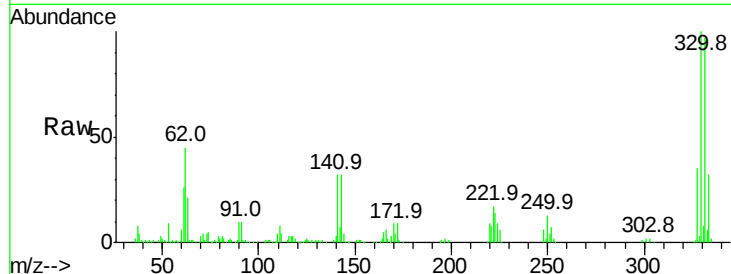




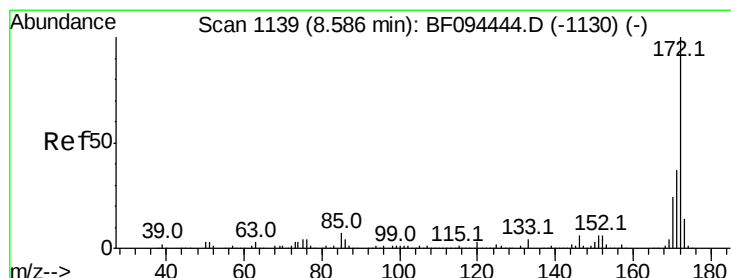
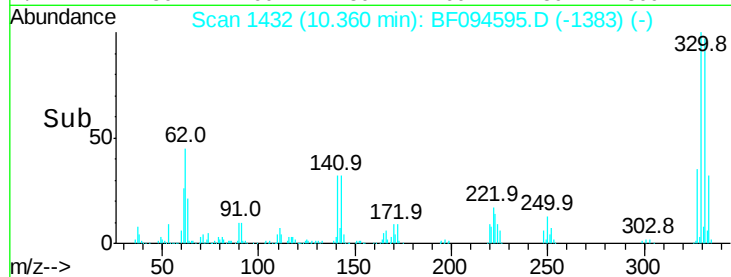
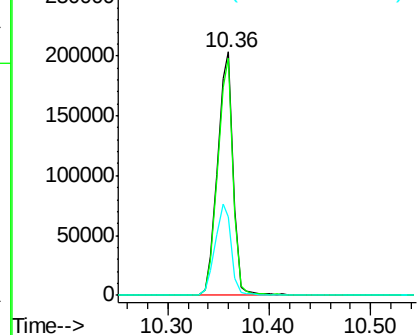
#41
 2,4,6-Tribromophenol
 Concen: 119.42 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Instrument :
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 ClientSampleId :
 MH-6

Tot Ion:330 Resp: 217242
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 39.0 31.4 47.2

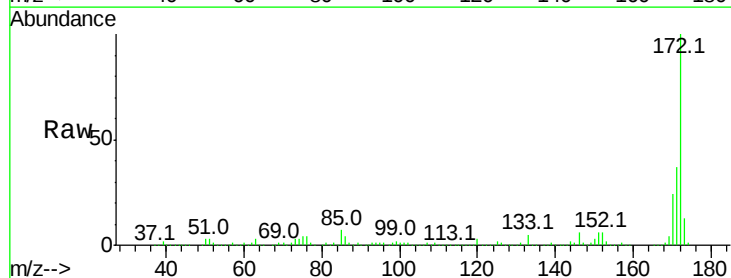


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

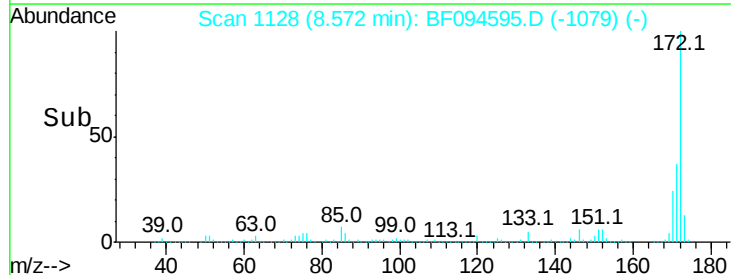
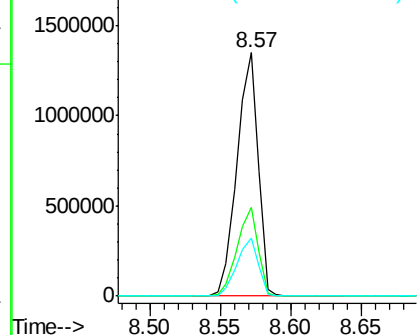


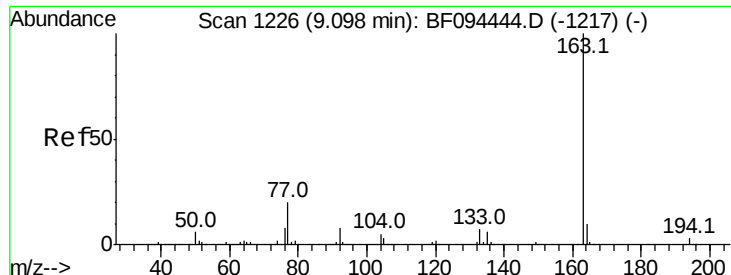
#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Tgt Ion:172 Resp: 1407441
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 19.8 29.8



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

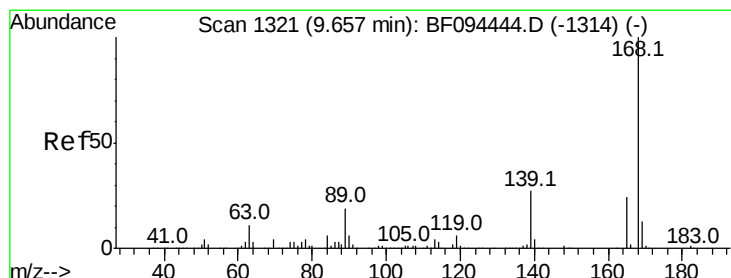
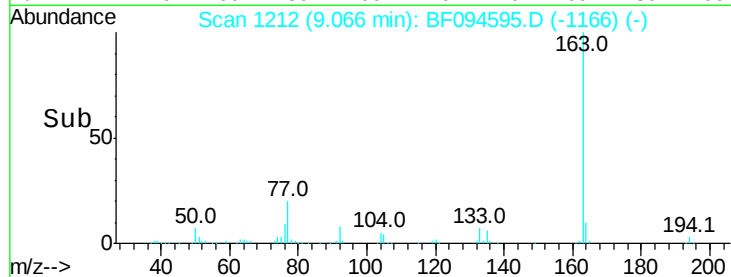
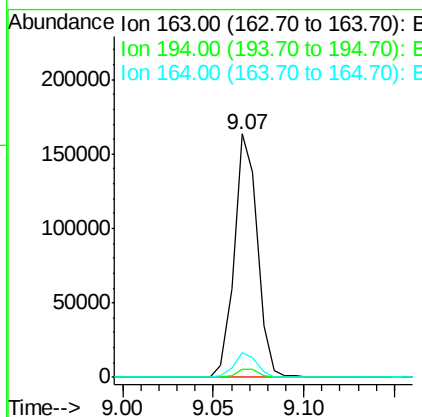
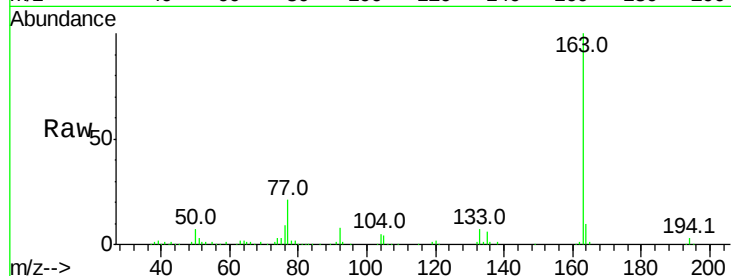




#49
Dimethylphthalate
Concen: 8.40 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

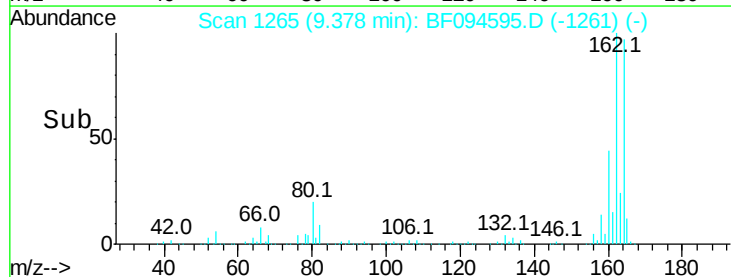
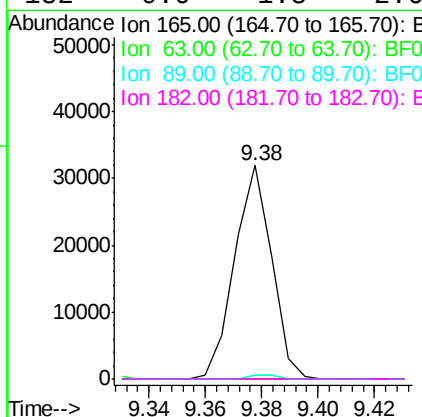
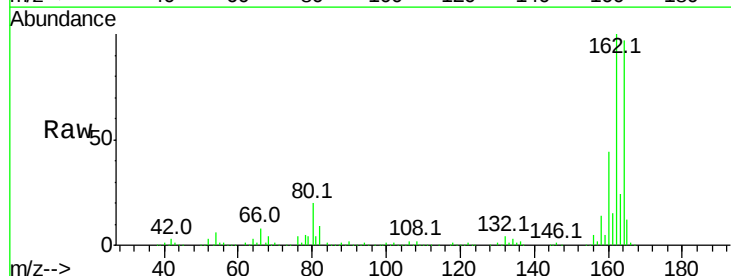
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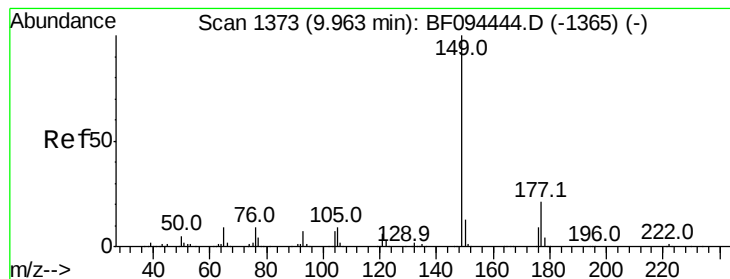
Tot Ion:163 Resp: 145555
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Tgt Ion:165 Resp: 29151
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#





#59

Diethylphthalate

Concen: 2.77 ng

RT: 9.94 min Scan# 1360

Delta R.T. -0.03 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

MH-6

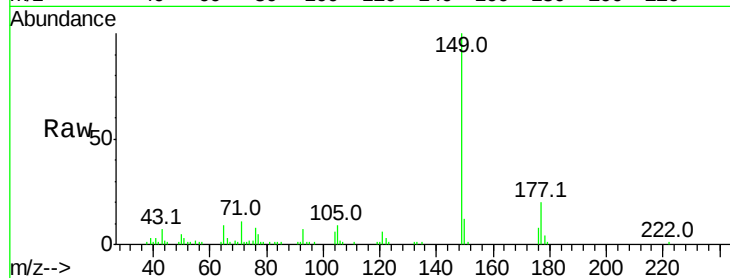
Tot Ion:149 Resp: 45236

Ion Ratio Lower Upper

149 100

177 20.2 16.7 25.1

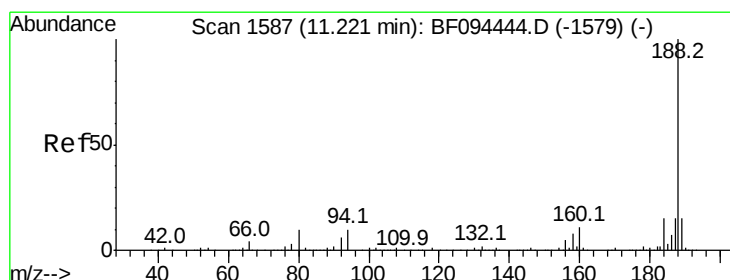
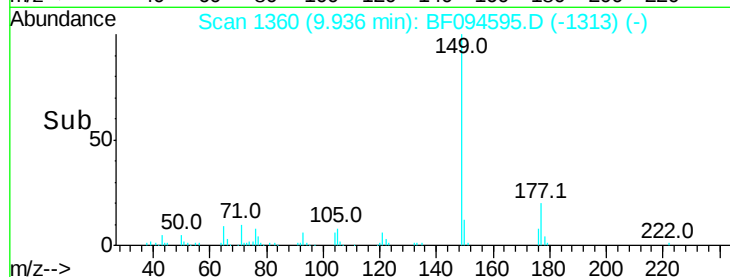
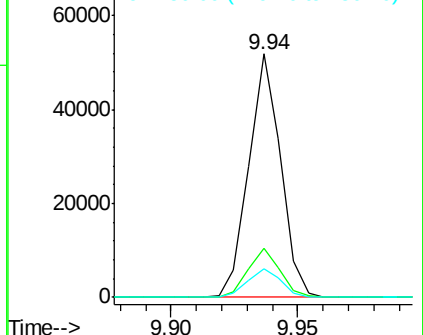
150 12.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

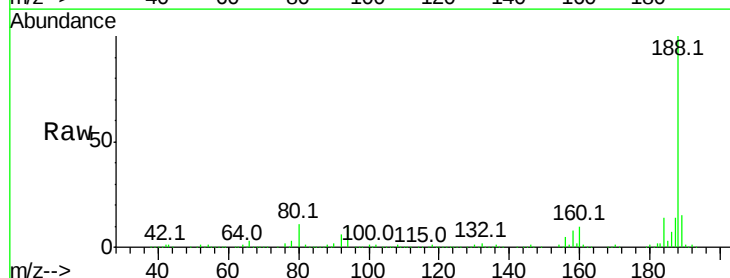
Tgt Ion:188 Resp: 366810

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

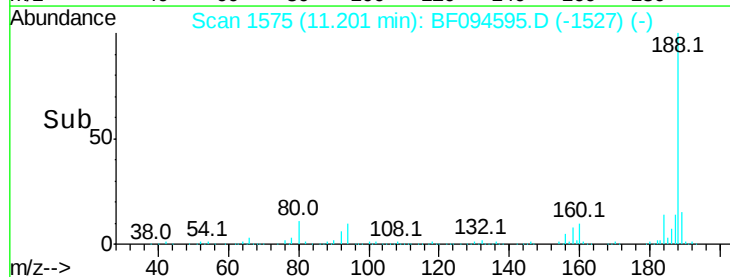
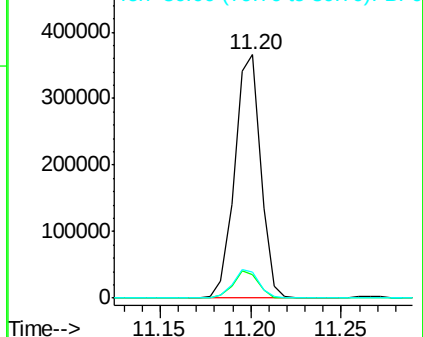
80 10.9 10.2 15.2

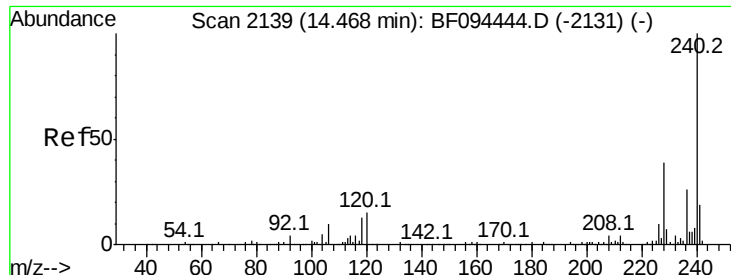


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

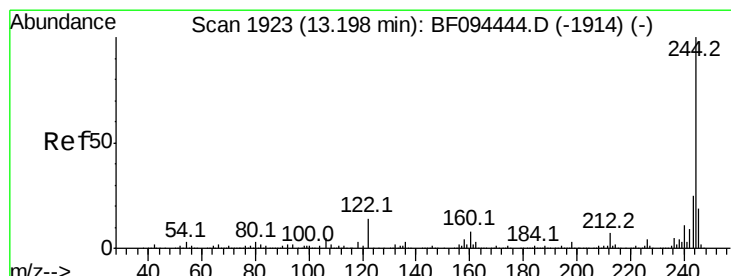
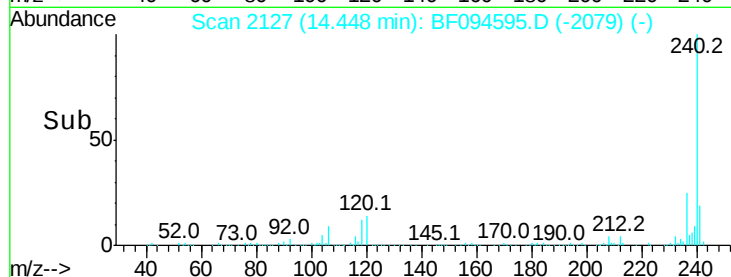
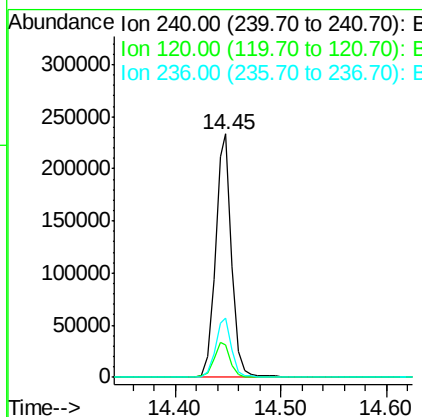
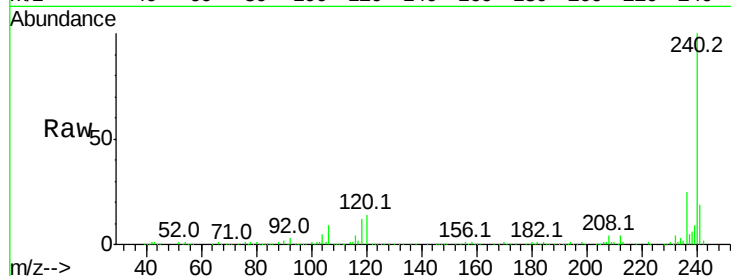




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

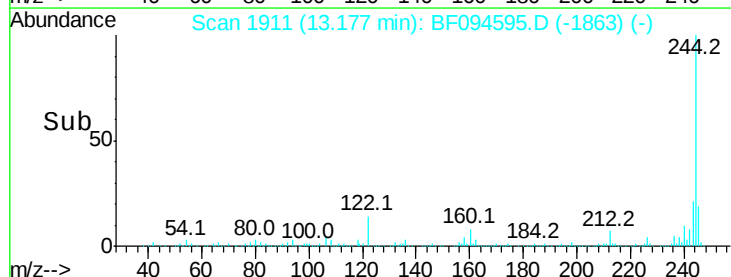
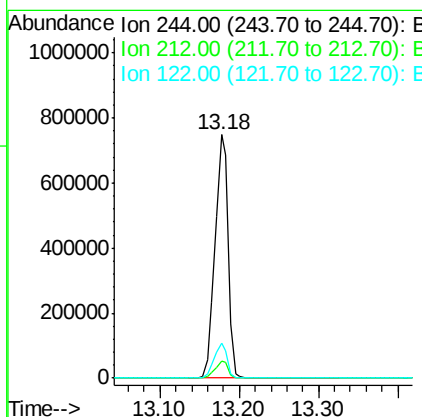
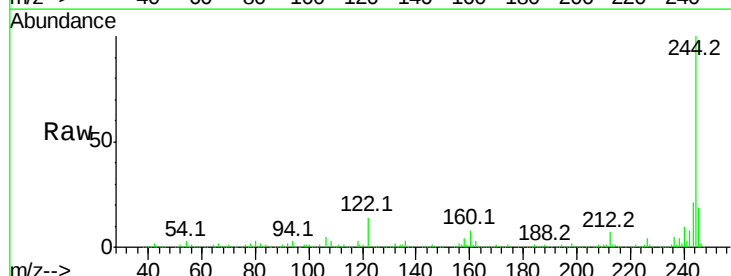
Instrument :
 BNA_F
 ClientSampleId :
 MH-6

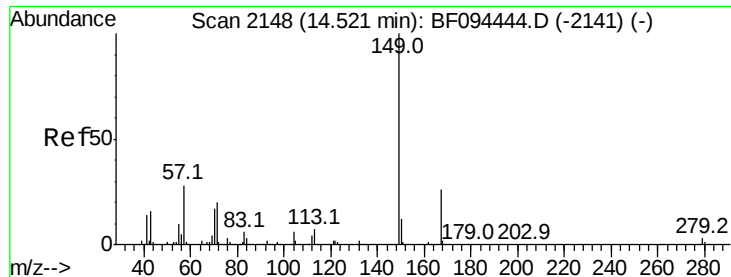
Tot Ion:240 Resp: 251204
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 91.34 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Tgt Ion:244 Resp: 858402
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.5 10.3 15.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.96 ng

RT: 14.51 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

MH-6

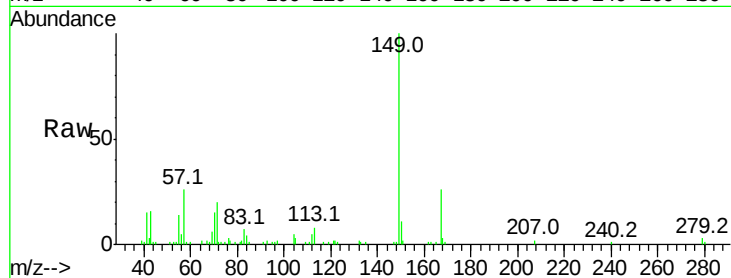
Tot Ion:149 Resp: 51235

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

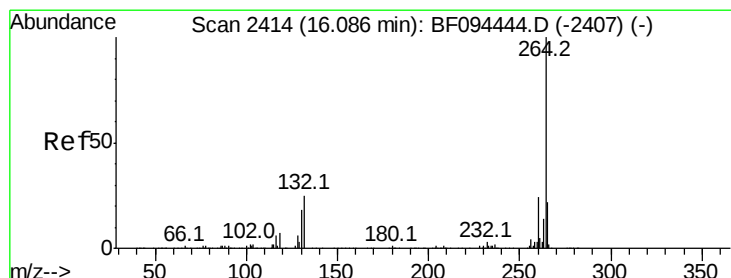
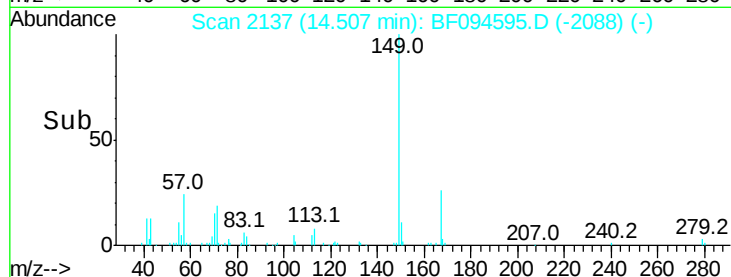
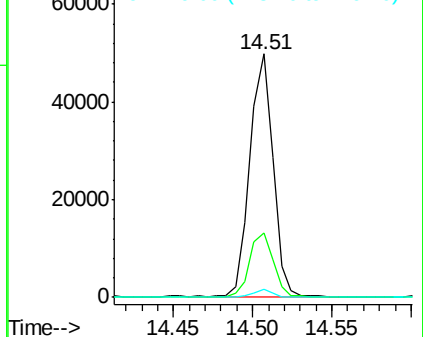
279 3.1 1.9 2.9#



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: 16.07 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

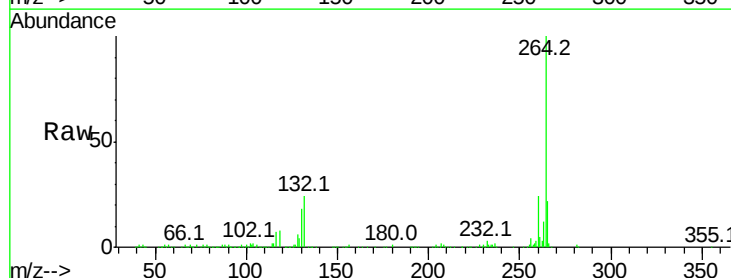
Tgt Ion:264 Resp: 234106

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 17.2 25.8



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

