

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094236.D
 Acq On : 6 Apr 2017 18:54
 Operator : SJ/MA
 Sample : I2534-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Quant Time: Apr 07 01:03:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

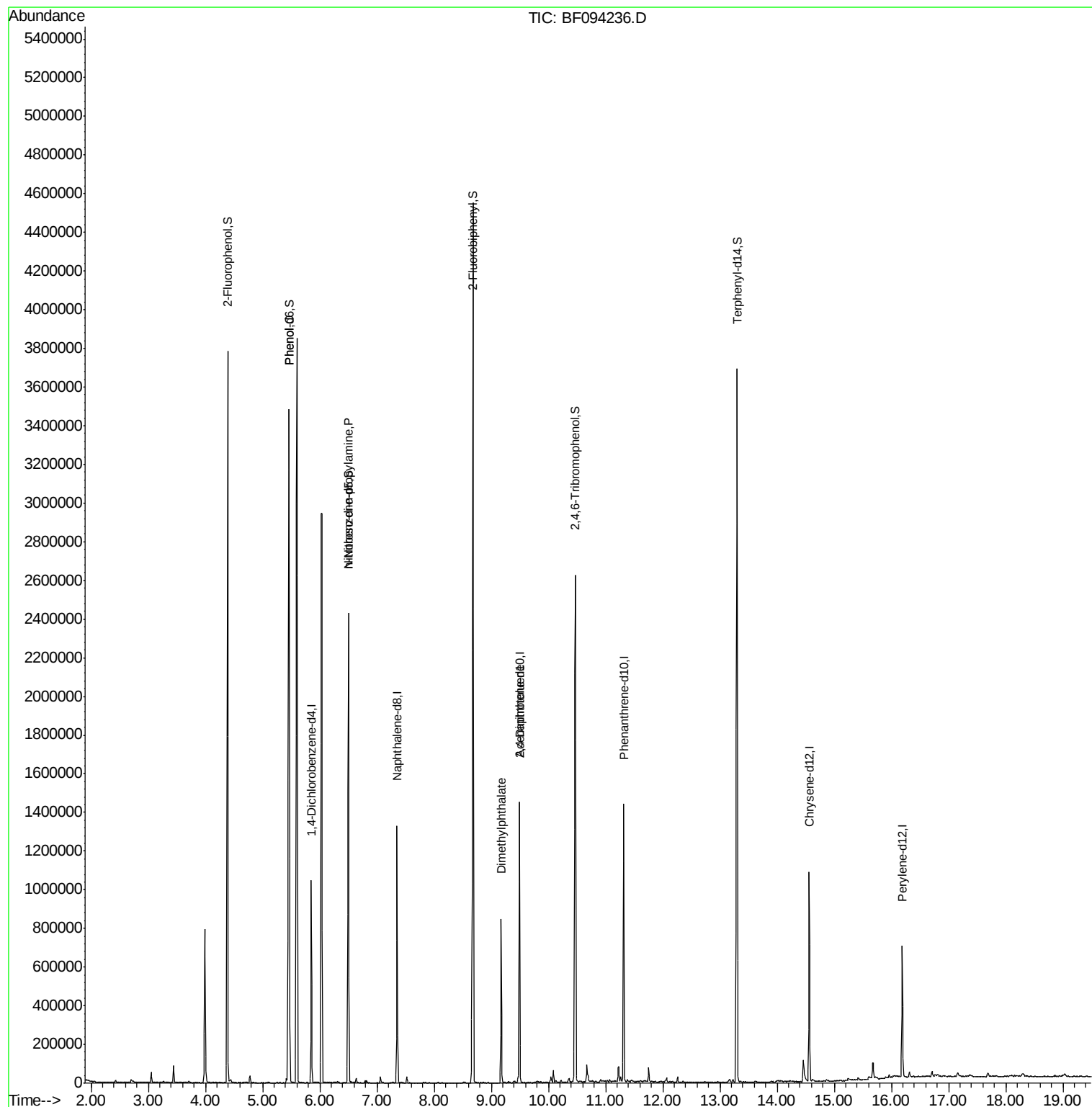
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	162051	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	663027	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	309229	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	554045	20.00	ng	0.00
75) Chrysene-d12	14.56	240	390462	20.00	ng	-0.01
86) Perylene-d12	16.19	264	272940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1208309	125.94	ng	0.00
7) Phenol-d6	5.46	99	1608439	135.51	ng	0.00
23) Nitrobenzene-d5	6.50	82	989157	85.14	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	379782	155.42	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1772477	87.43	ng	0.00
78) Terphenyl-d14	13.30	244	1535856	88.17	ng	0.00
Target Compounds						
10) Phenol	5.47	94	108491	8.03	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	6.50	70	129306	16.95	ng	# 78
49) Dimethylphthalate	9.17	163	364662	16.59	ng	100
56) 2,4-Dinitrotoluene	9.49	165	39420	6.23	ng	# 33

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

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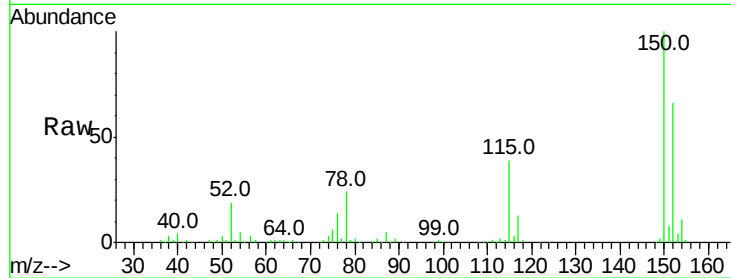


#1

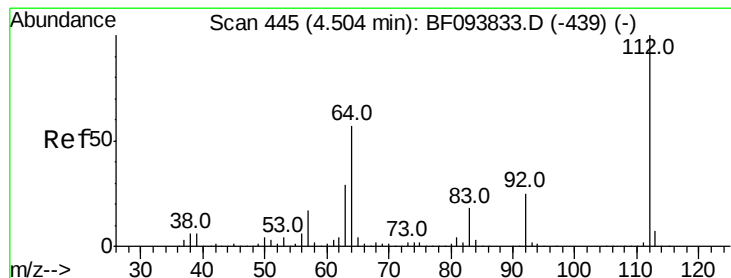
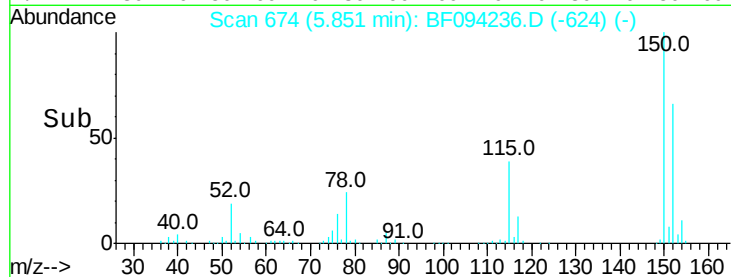
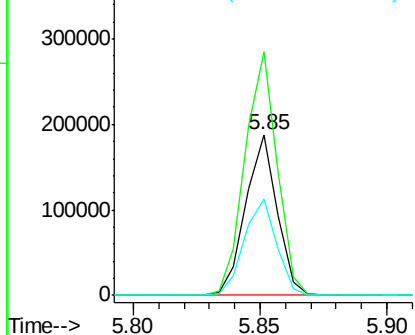
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Tot Ion:152 Resp: 162051
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.2 189.2
 115 59.9 52.2 78.2



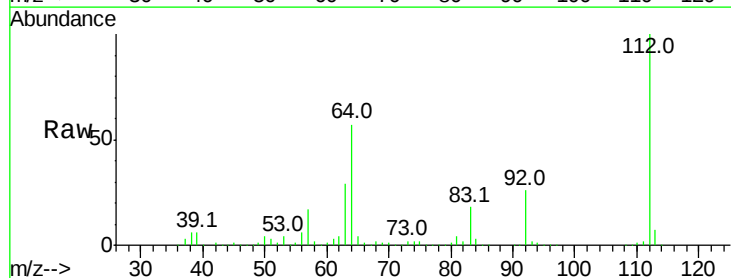
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



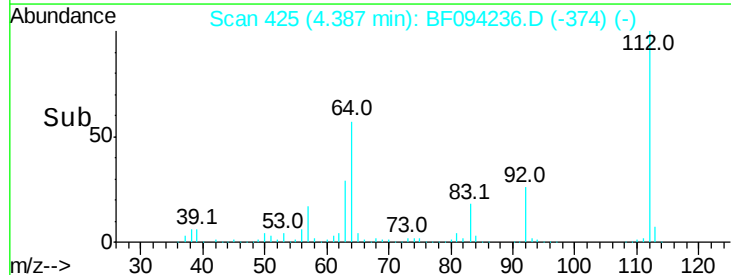
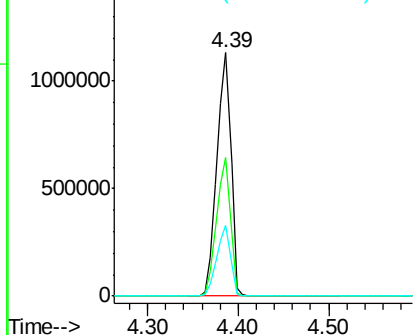
#5

2-Fluorophenol
 Concen: 125.94 ng
 RT: 4.39 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Tgt Ion:112 Resp: 1208309
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.0 69.0
 63 29.3 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: 135.51 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

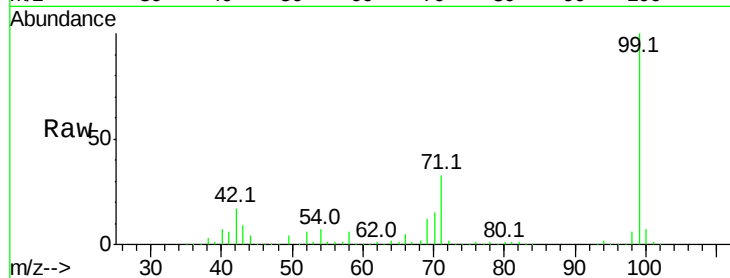
Tot Ion: 99 Resp: 1608439

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.9	24.5	36.7

99 100

42 17.3 13.5 20.3

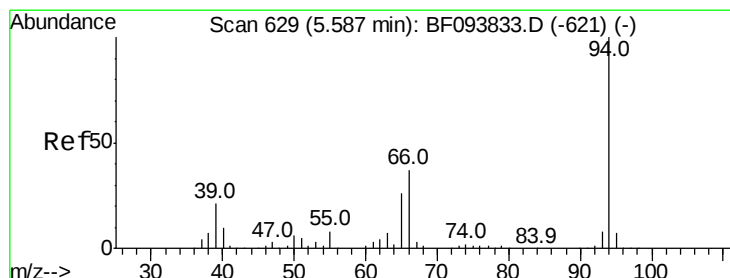
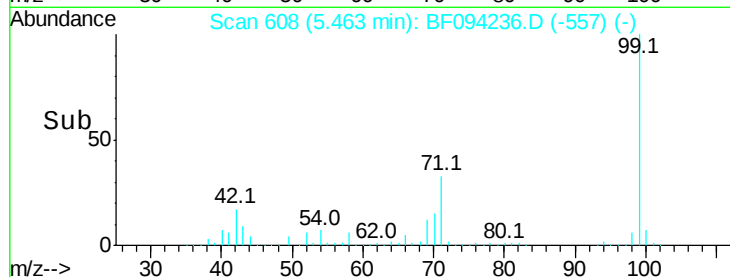
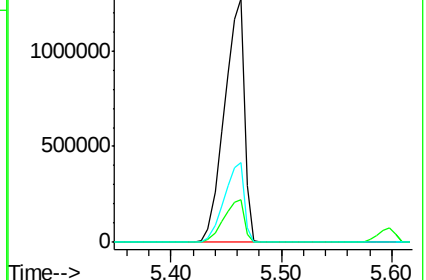
71 32.9 24.5 36.7



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: 8.03 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

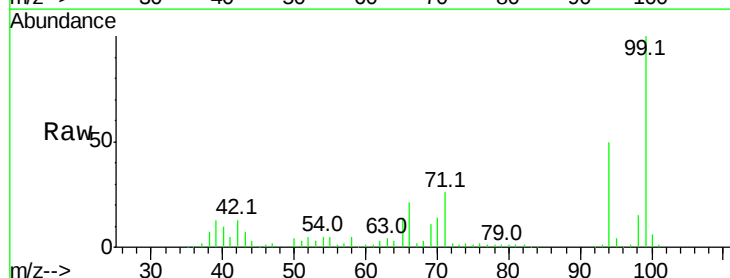
Tgt Ion: 94 Resp: 108491

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	42.3	23.1	63.1

94 100

65 28.0 9.9 49.9

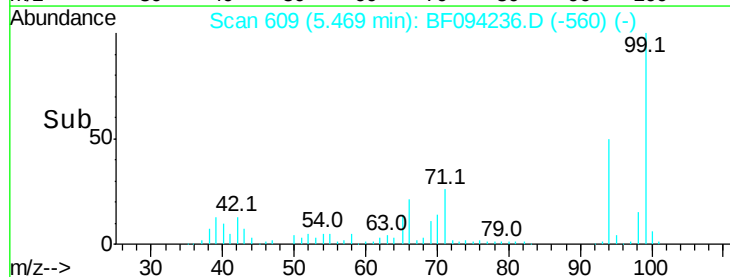
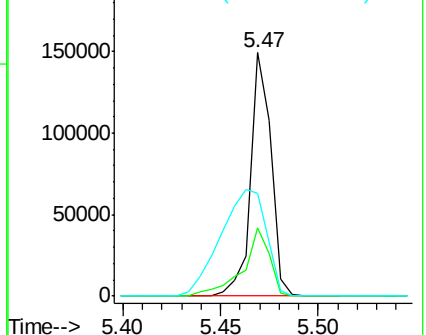
66 42.3 23.1 63.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 16.95 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

Tot Ion: 70 Resp: 129306

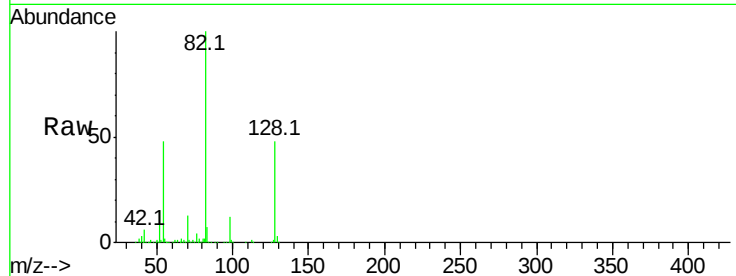
Ion Ratio Lower Upper

70 100

42 46.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

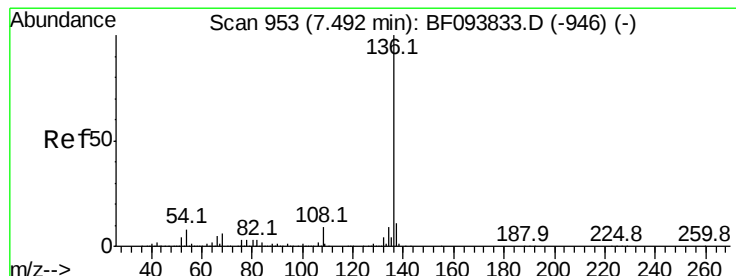
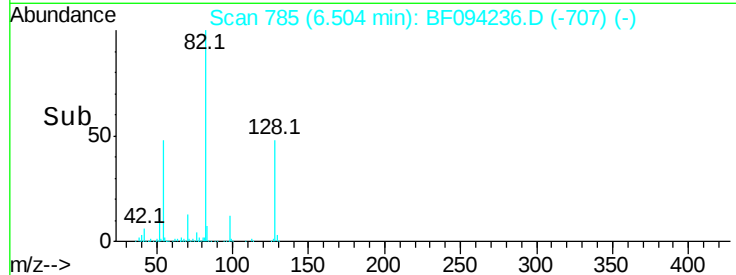
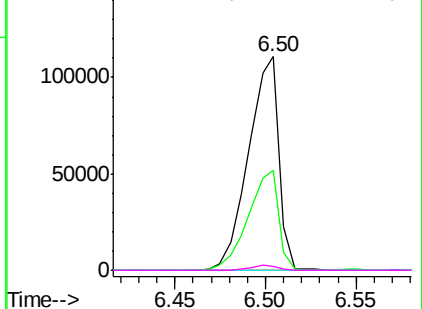


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Tgt Ion: 136 Resp: 663027

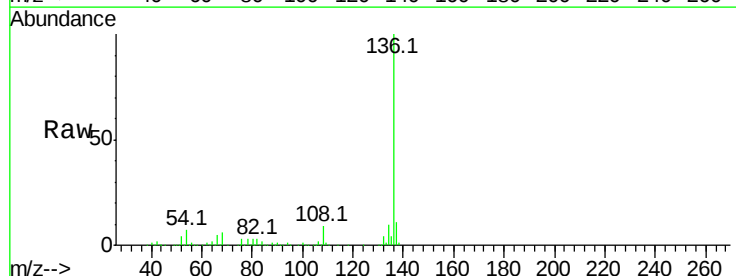
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.4 4.1 6.1#

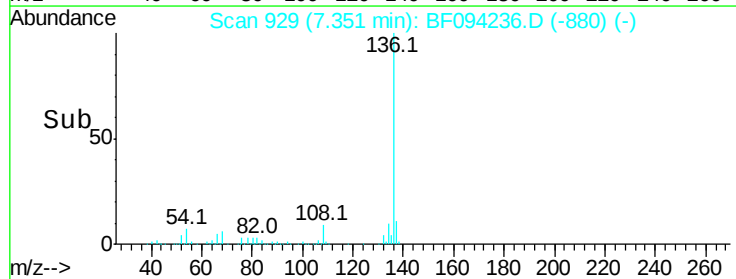
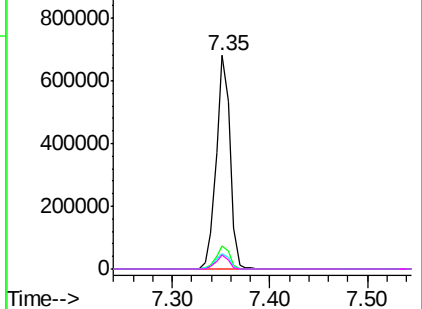


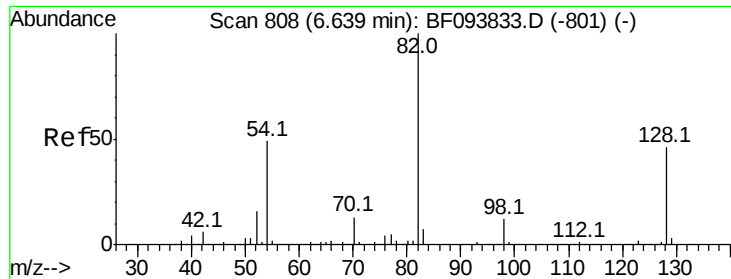
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

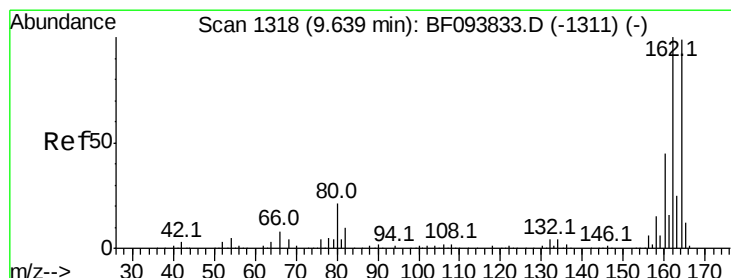
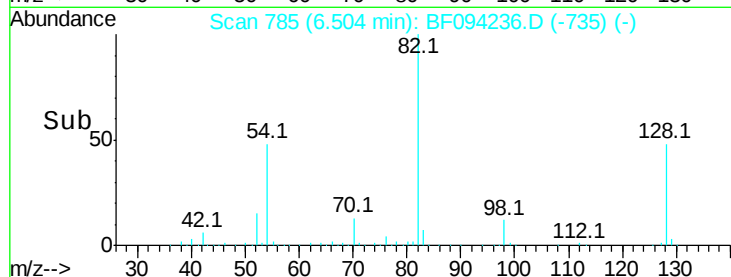
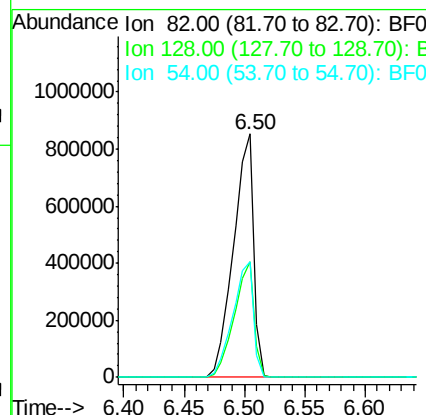
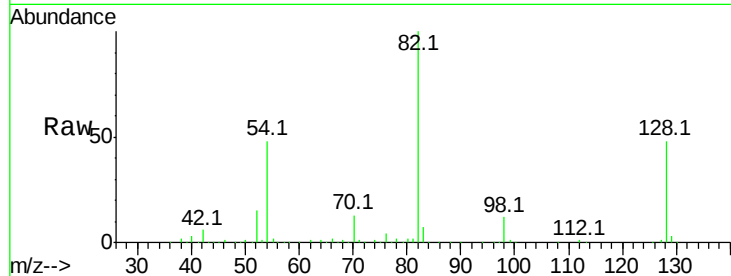




#23
 Nitrobenzene-d5
 Concen: 85.14 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

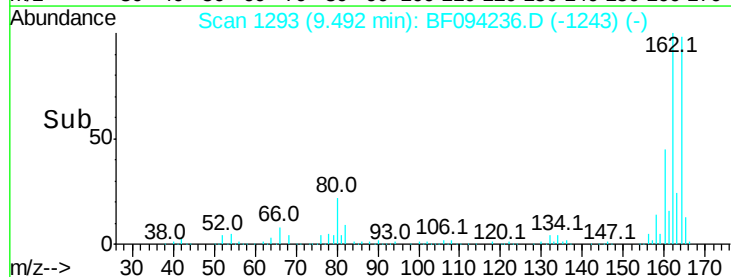
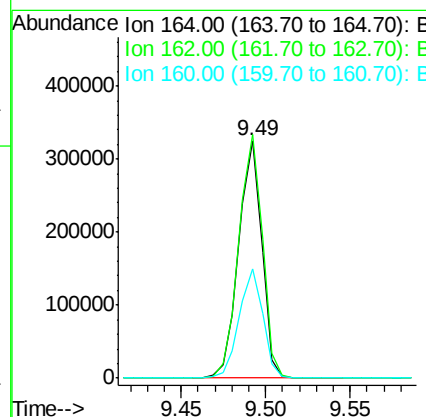
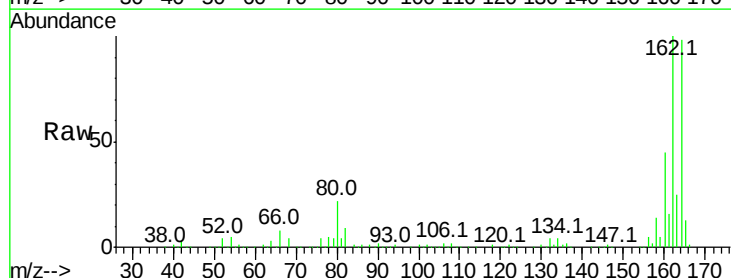
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

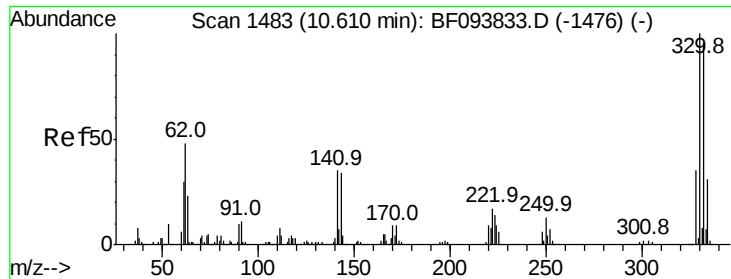
Tot Ion	82	Resp	989157
Ion Ratio	Lower	Upper	
82	100		
128	47.6	34.0	51.0
54	47.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Tgt Ion	164	Resp	309229
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.6	123.8
160	45.7	36.2	54.2

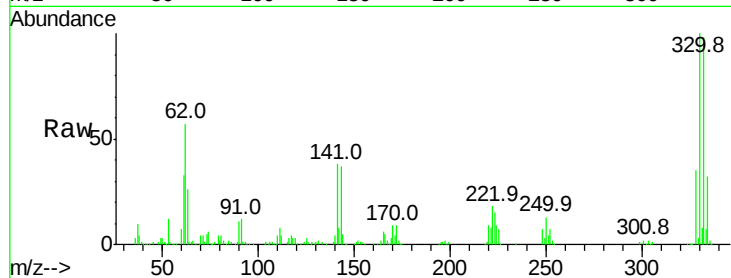




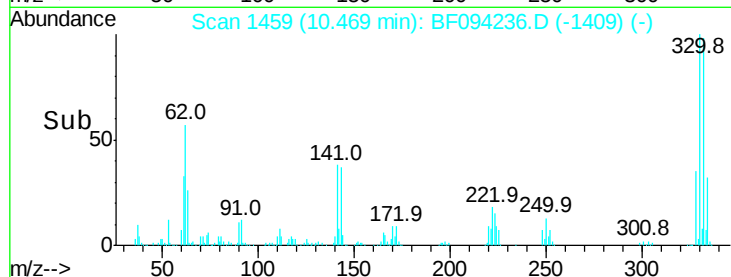
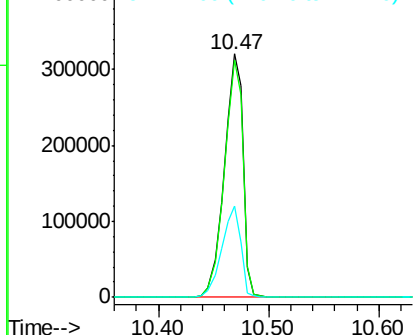
#41
 2,4,6-Tribromophenol
 Concen: 155.42 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Tot Ion:330 Resp: 379782
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 38.1 31.4 47.2

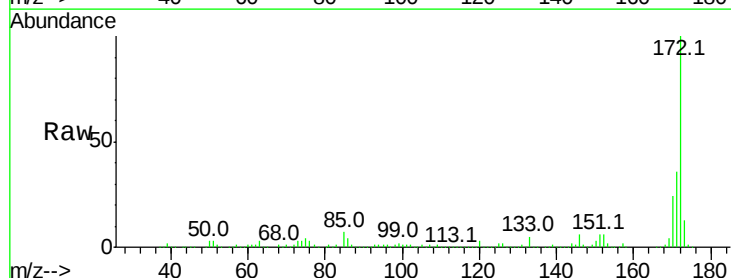


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

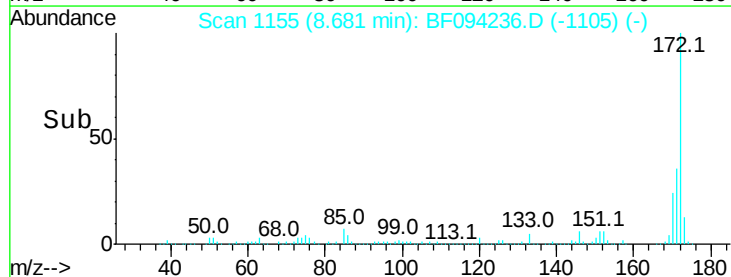
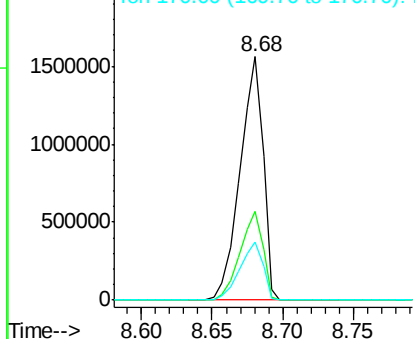


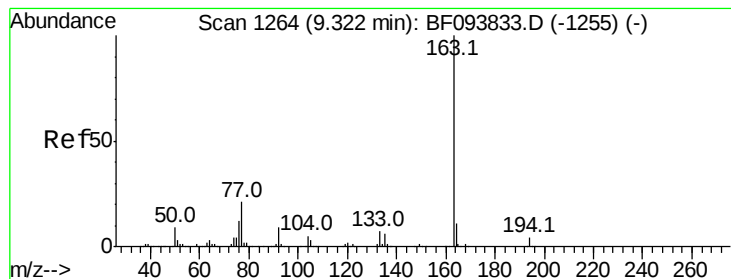
#44
 2-Fluorobiphenyl
 Concen: 87.43 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Tgt Ion:172 Resp: 1772477
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 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: 16.59 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

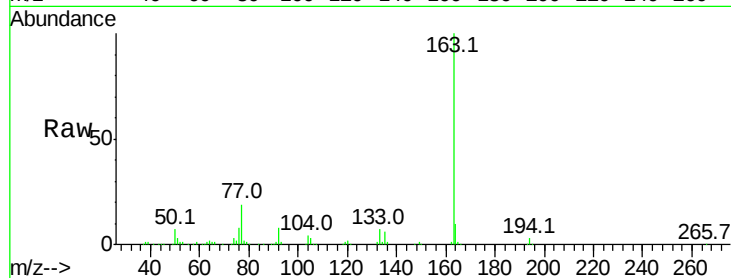
Tot Ion:163 Resp: 364662

Ion Ratio Lower Upper

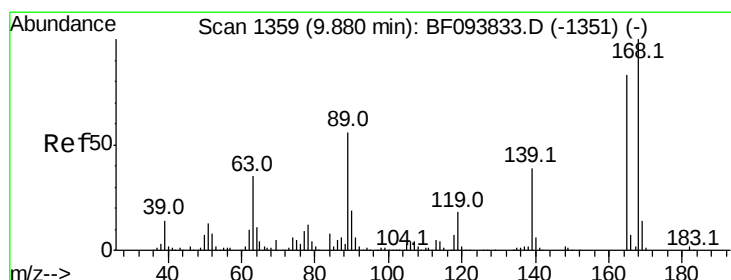
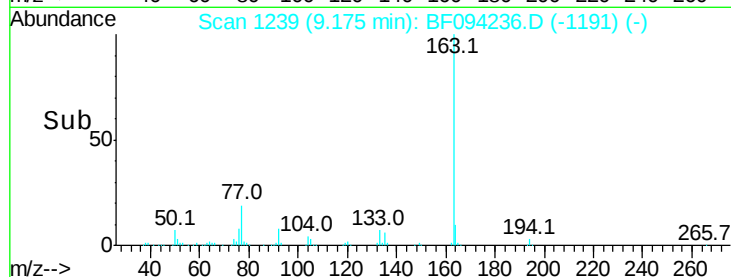
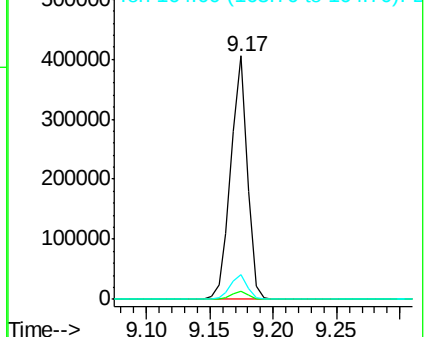
163 100

194 3.3 2.6 4.0

164 10.3 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.26 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Tgt Ion:165 Resp: 39420

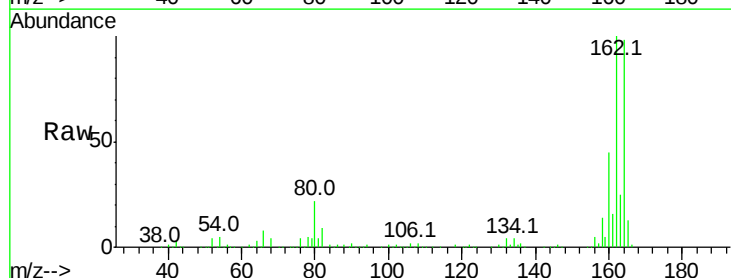
Ion Ratio Lower Upper

165 100

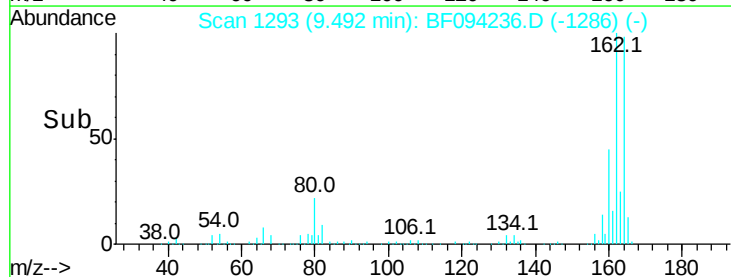
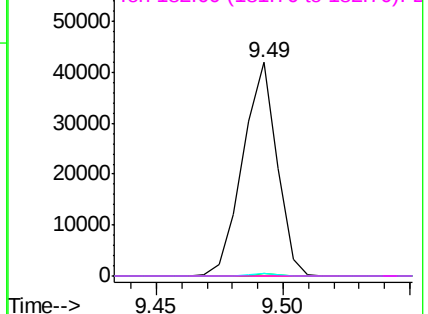
63 1.2 25.4 38.0#

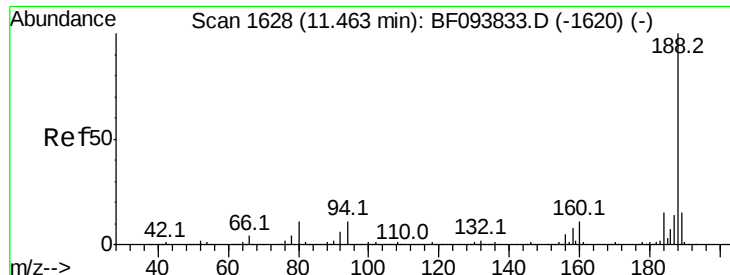
89 1.3 46.4 69.6#

182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

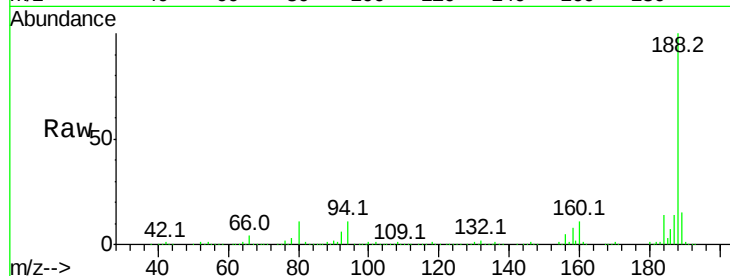




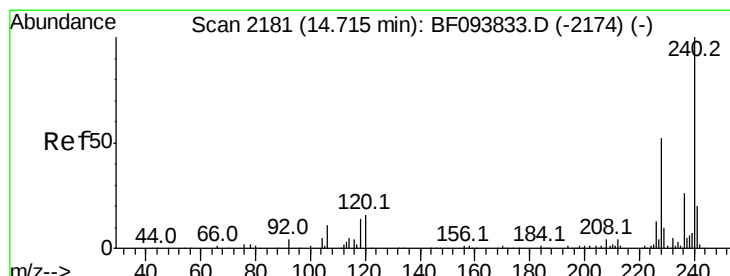
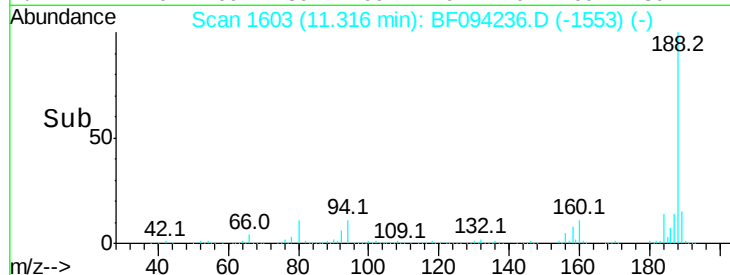
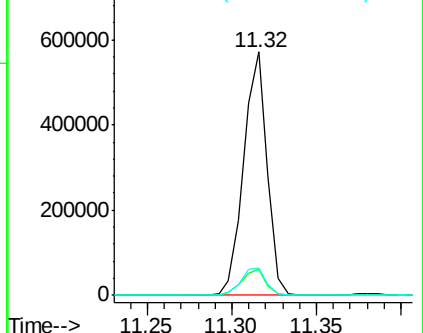
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Tot Ion:188 Resp: 554045
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.2 10.2 15.2

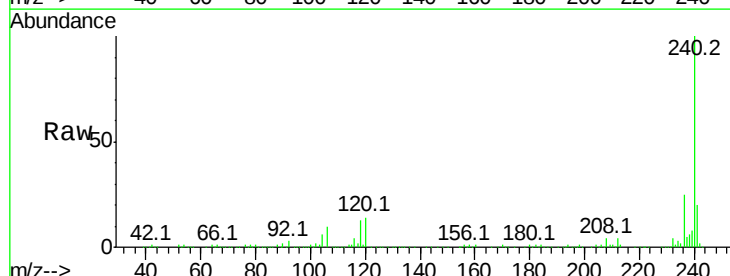


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

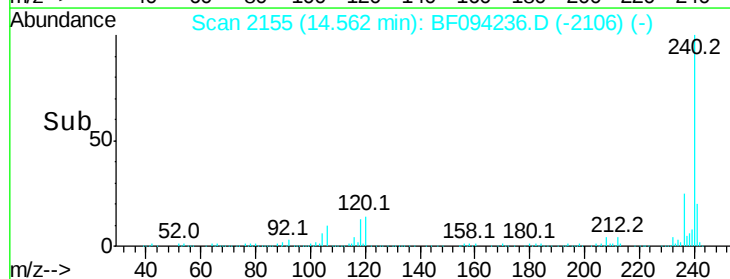
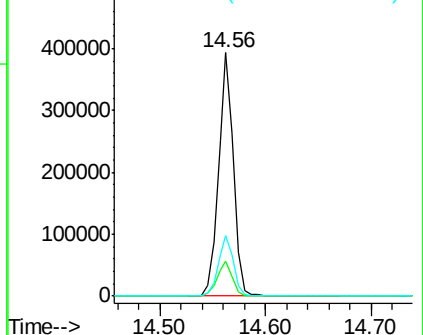


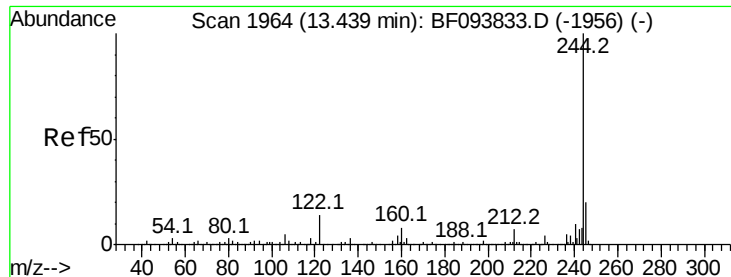
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Tgt Ion:240 Resp: 390462
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.0 20.5 30.7



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: 88.17 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

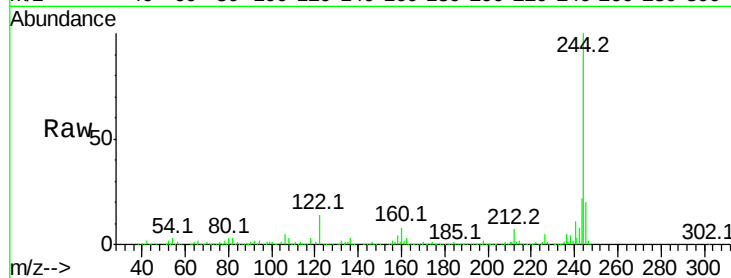
Tot Ion:244 Resp: 1535856

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

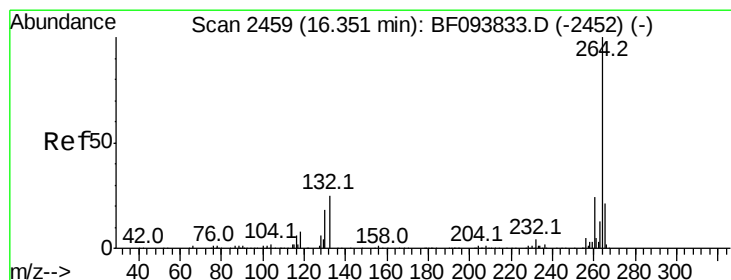
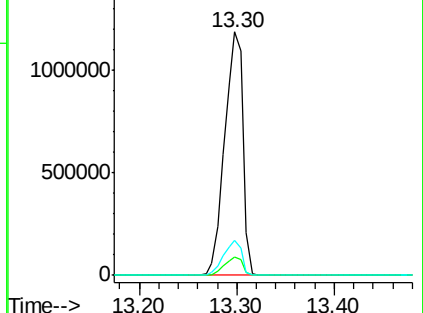
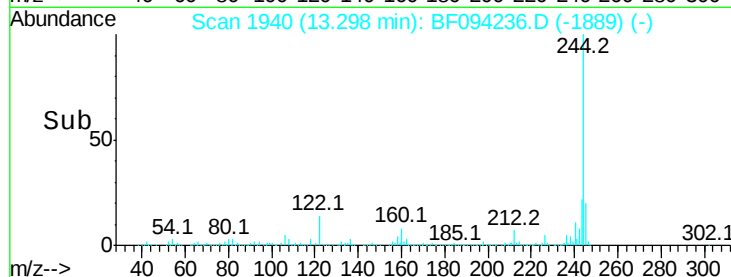
122 14.2 10.3 15.5



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: 16.19 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

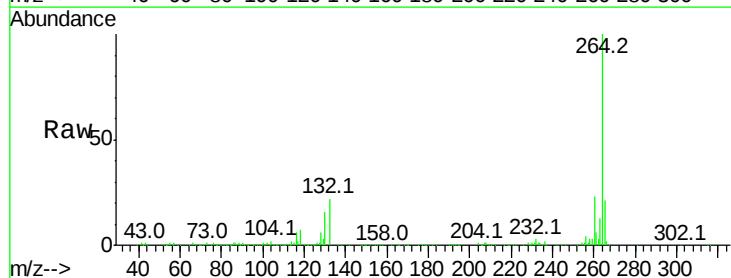
Tgt Ion:264 Resp: 272940

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 20.8 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

