

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094287.D
 Acq On : 7 Apr 2017 21:53
 Operator : SJ/MA
 Sample : I2534-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)

Quant Time: Apr 07 23:01:07 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

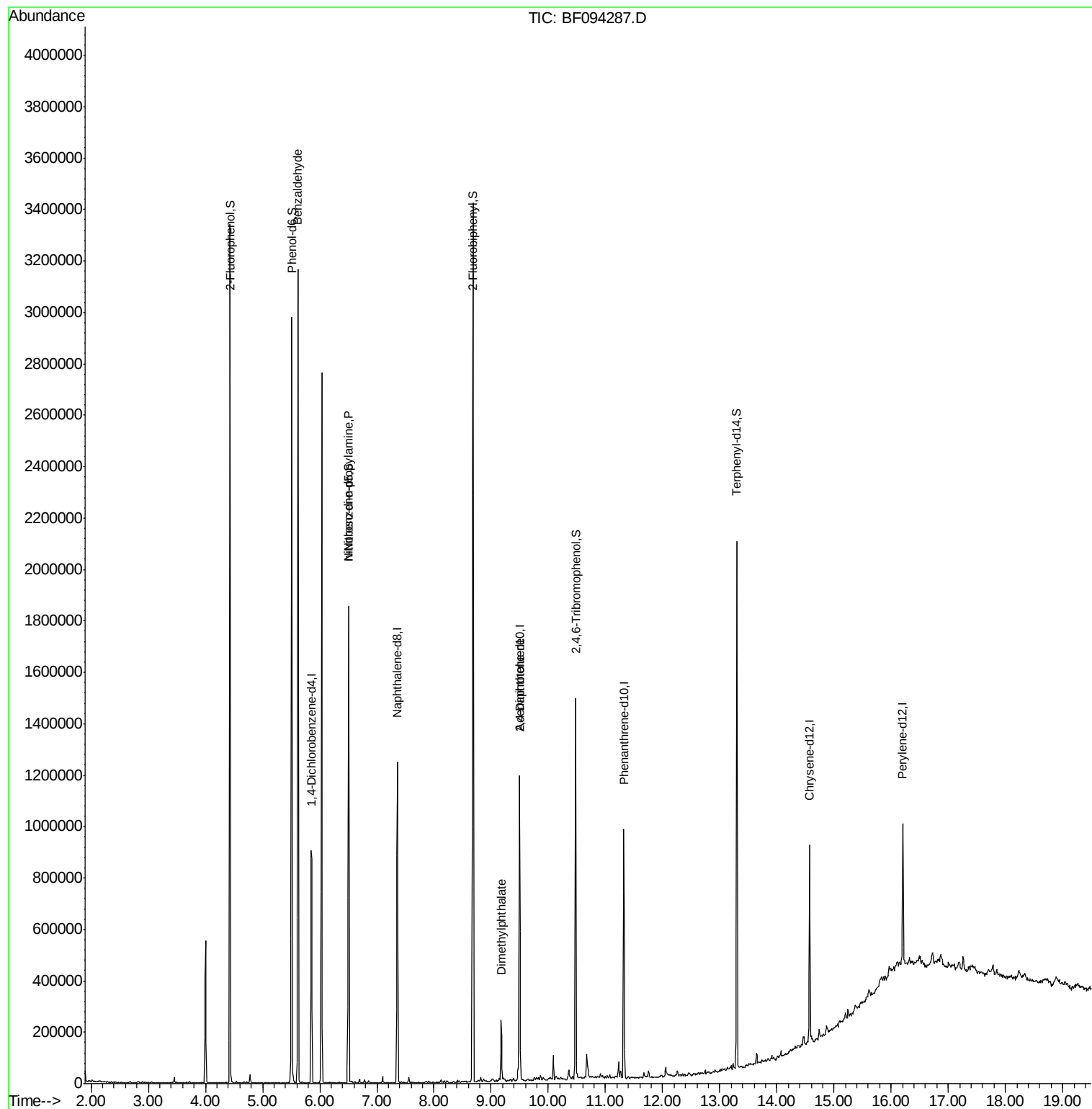
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	154308	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	594529	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	245879	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	364667	20.00	ng	0.00
75) Chrysene-d12	14.57	240	296457	20.00	ng	0.00
86) Perylene-d12	16.20	264	246192	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	967749	105.93	ng	0.04
7) Phenol-d6	5.51	99	1173356	103.82	ng	0.05
23) Nitrobenzene-d5	6.50	82	737399	70.78	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	191464	98.54	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1229836	76.29	ng	0.00
78) Terphenyl-d14	13.30	244	723459	54.70	ng	0.00
Target Compounds						
9) Benzaldehyde	5.62	77	20642	2.70	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	6.50	70	96477	13.28	ng	# 79
49) Dimethylphthalate	9.17	163	98274	5.62	ng	100
56) 2,4-Dinitrotoluene	9.50	165	31432	6.25	ng	# 34

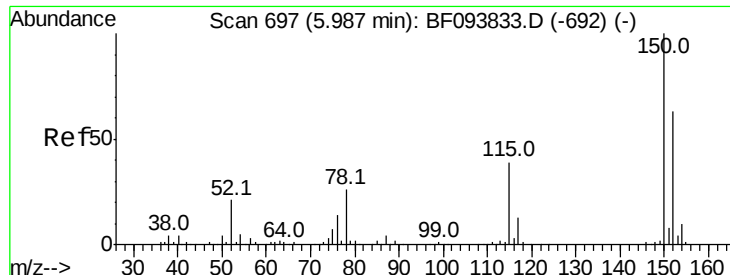
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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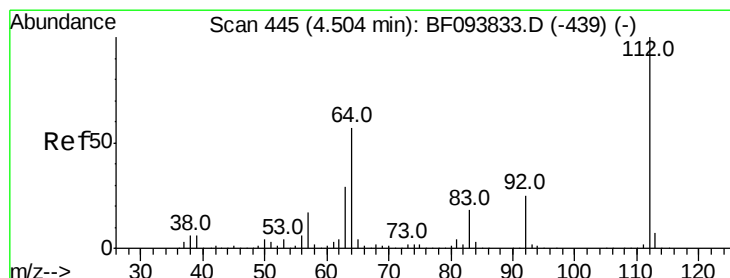
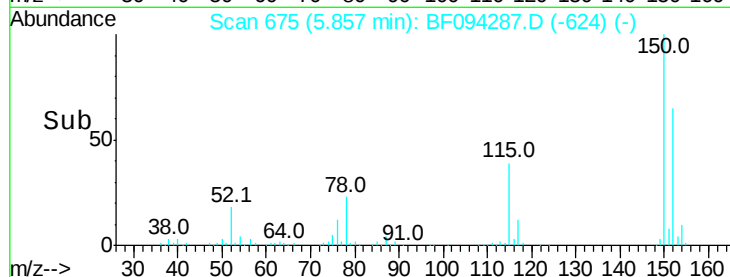
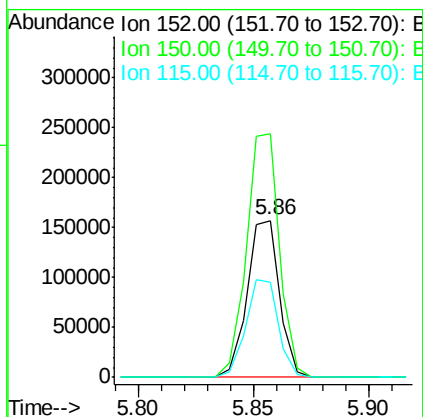
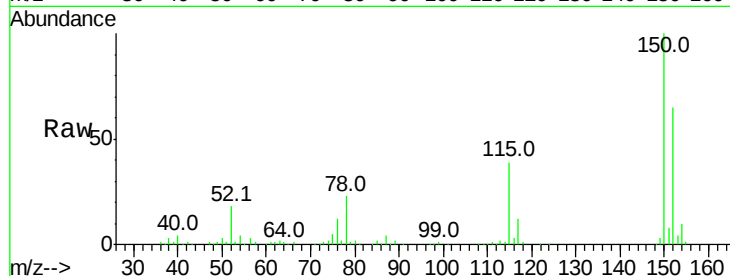


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF094287.D
Acq: 7 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
GP-B-01(0-5)

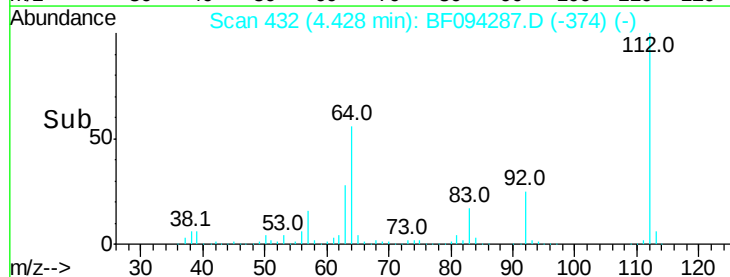
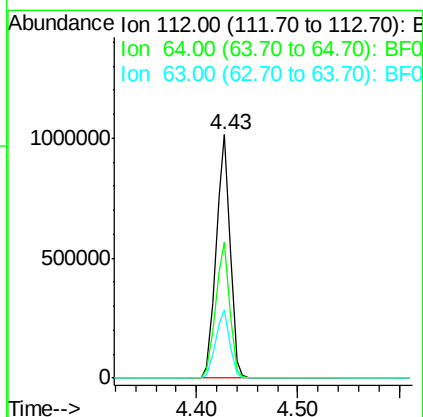
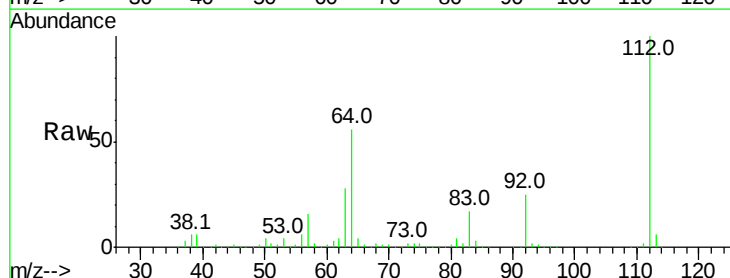
Tot Ion:152 Resp: 154308
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 60.3 52.2 78.2



#5

2-Fluorophenol
Concen: 105.93 ng
RT: 4.43 min Scan# 432
Delta R.T. 0.04 min
Lab File: BF094287.D
Acq: 7 Apr 2017 21:53

Tgt Ion:112 Resp: 967749
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 28.1 23.4 35.0





#7

Phenol-d6

Concen: 103.82 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.05 min

Lab File: BF094287.D

Acq: 7 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

GP-B-01(0-5)

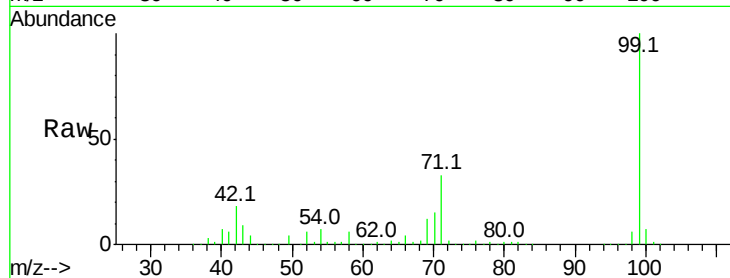
Tot Ion: 99 Resp: 1173356

Ion Ratio Lower Upper

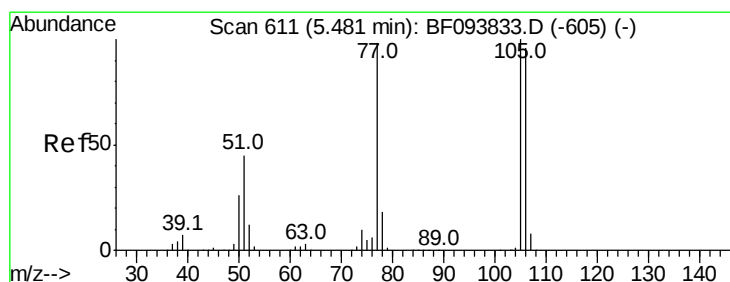
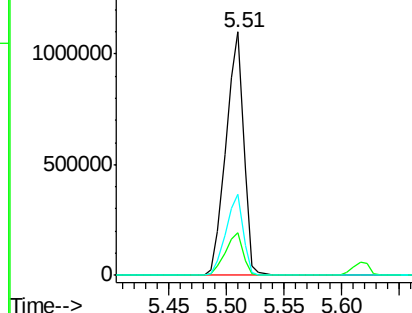
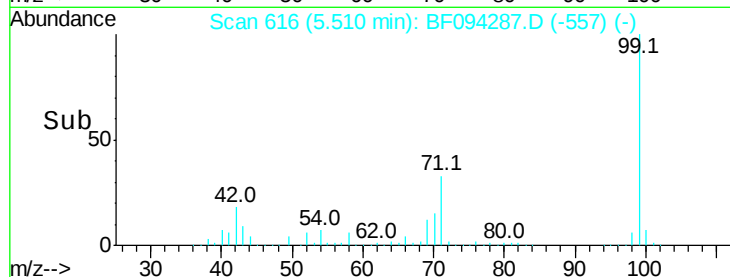
99 100

42 17.6 13.5 20.3

71 33.4 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



#9

Benzaldehyde

Concen: 2.70 ng

RT: 5.62 min Scan# 634

Delta R.T. 0.26 min

Lab File: BF094287.D

Acq: 7 Apr 2017 21:53

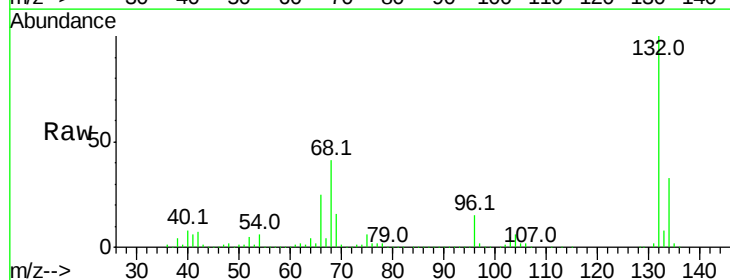
Tgt Ion: 77 Resp: 20642

Ion Ratio Lower Upper

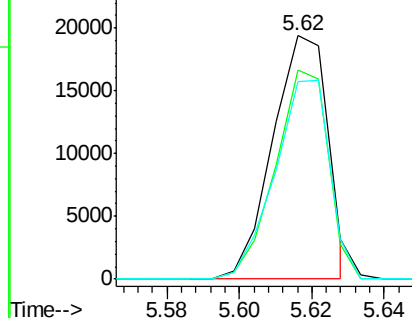
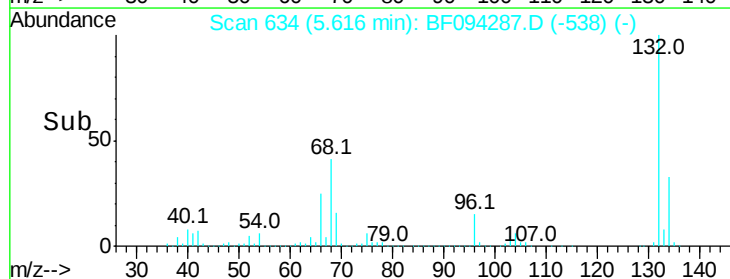
77 100

105 85.6 83.8 123.8

106 81.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.28 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094287.D

Acq: 7 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

GP-B-01(0-5)

Tot Ion: 70 Resp: 96477

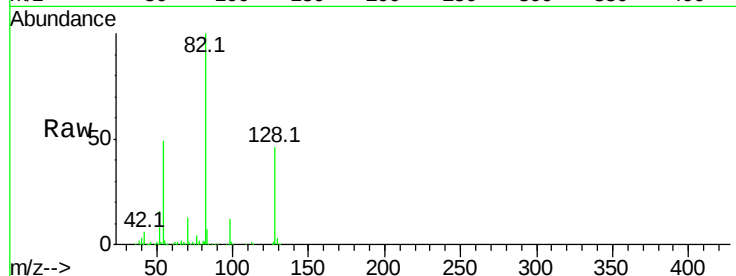
Ion Ratio Lower Upper

70 100

42 48.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

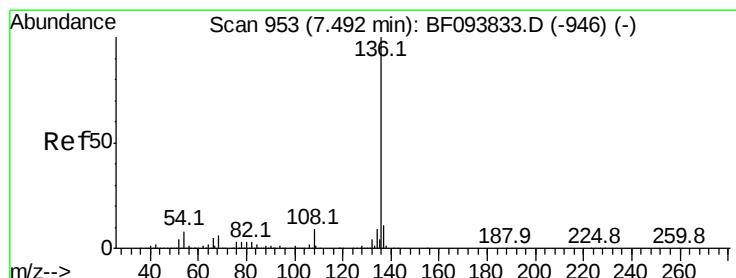
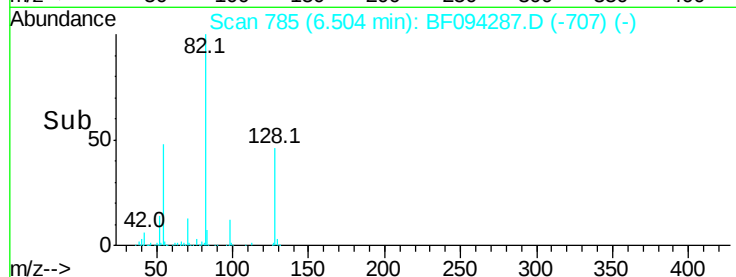
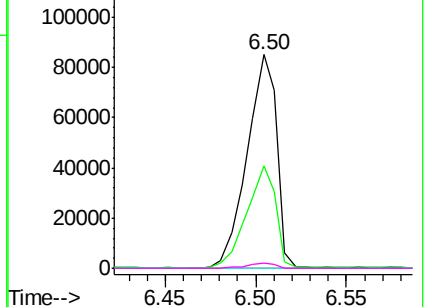


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094287.D

Acq: 7 Apr 2017 21:53

Tgt Ion: 136 Resp: 594529

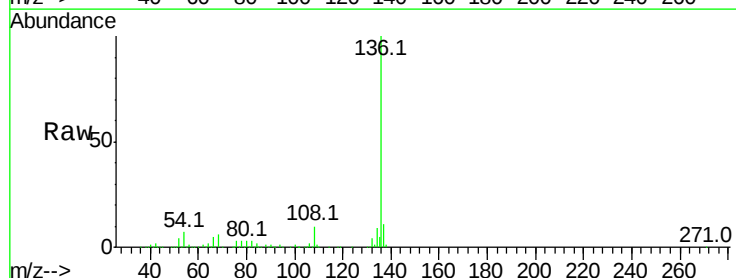
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

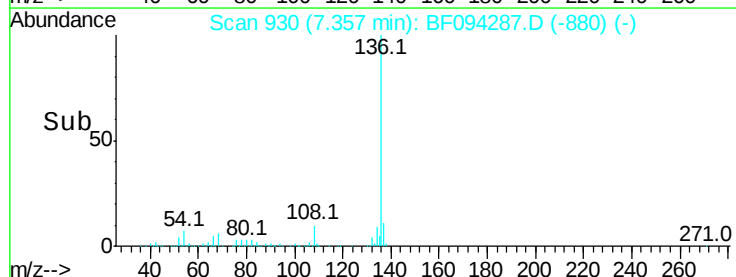
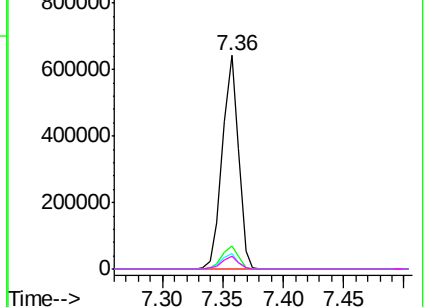


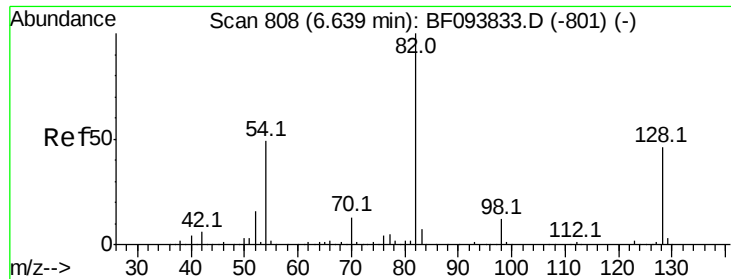
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

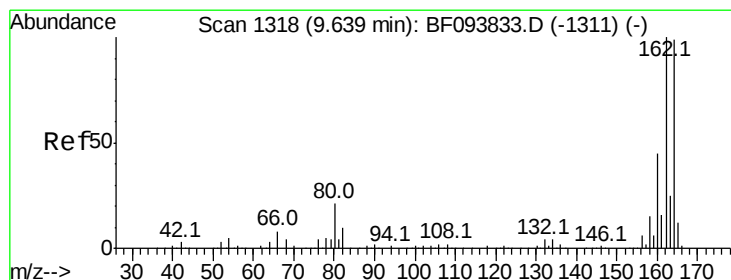
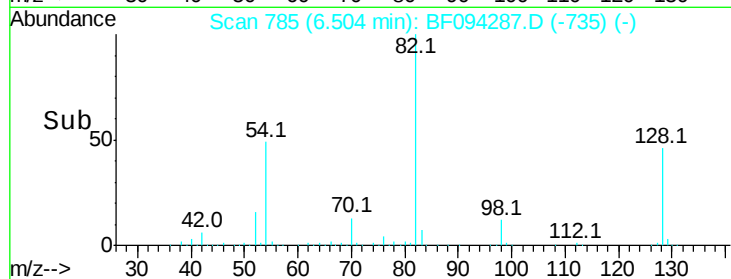
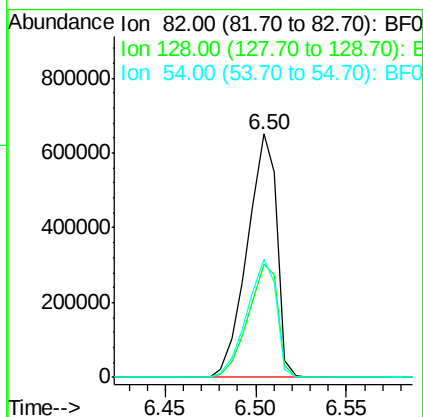
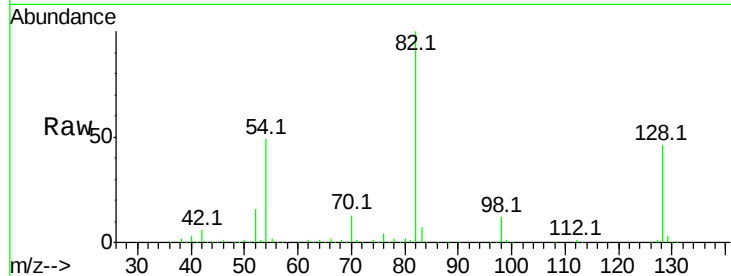




#23
 Nitrobenzene-d5
 Concen: 70.78 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094287.D
 Acq: 7 Apr 2017 21:53

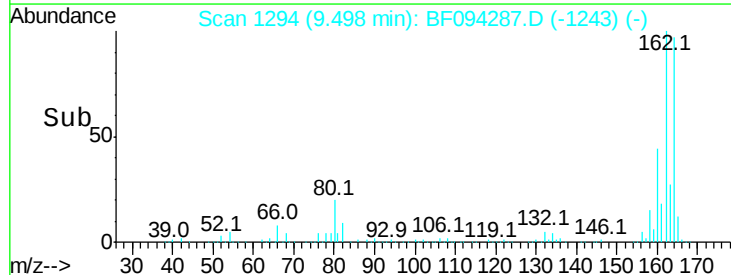
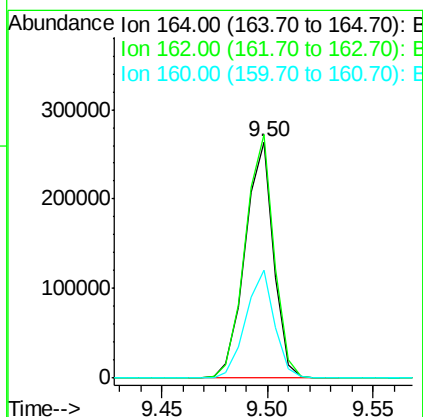
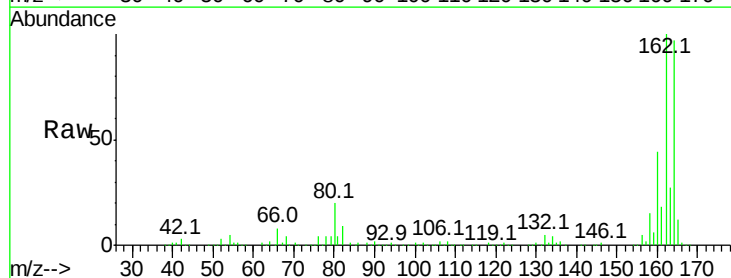
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)

Tot Ion	82	Resp	737399
Ion Ratio	100	Lower	Upper
128	46.2	34.0	51.0
54	48.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094287.D
 Acq: 7 Apr 2017 21:53

Tgt Ion	164	Resp	245879
Ion Ratio	100	Lower	Upper
162	103.2	82.6	123.8
160	45.6	36.2	54.2

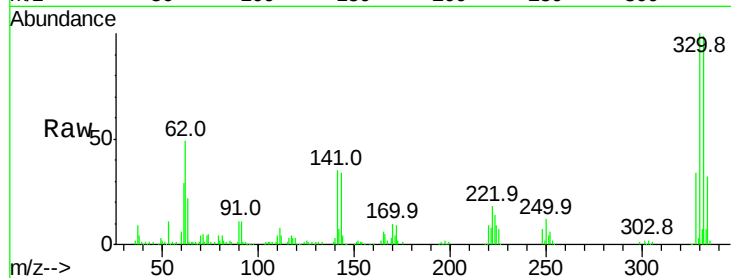




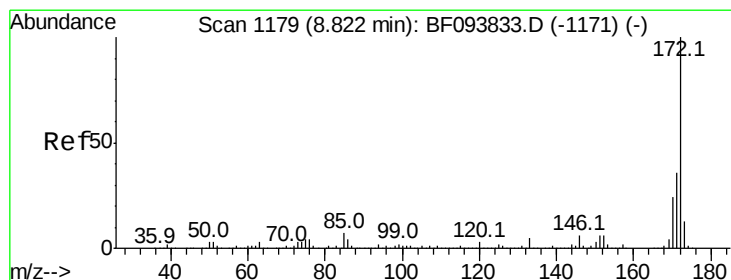
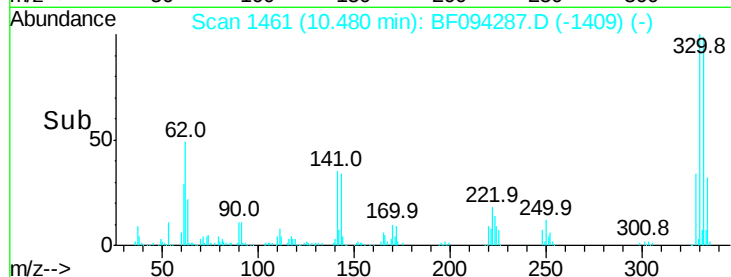
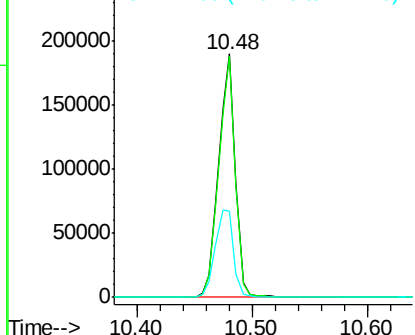
#41
 2,4,6-Tribromophenol
 Concen: 98.54 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094287.D
 Acq: 7 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)

Tot Ion:330 Resp: 191464
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.0 31.4 47.2

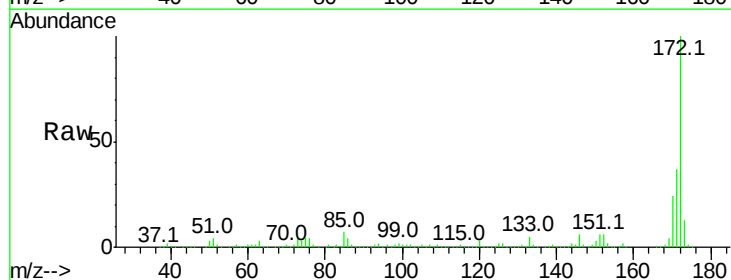


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

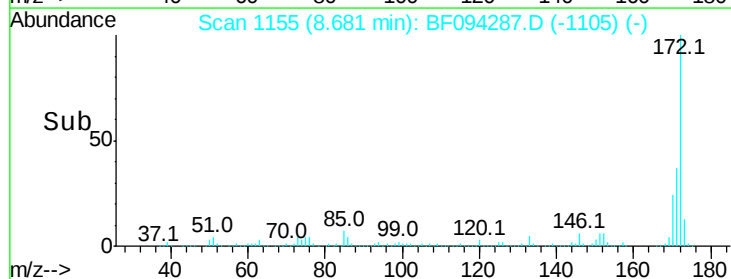
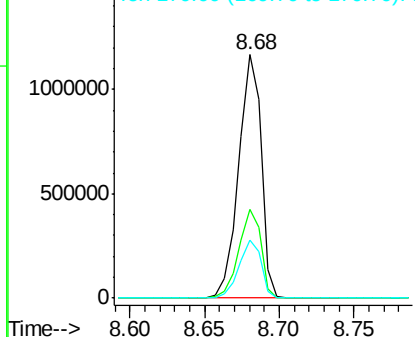


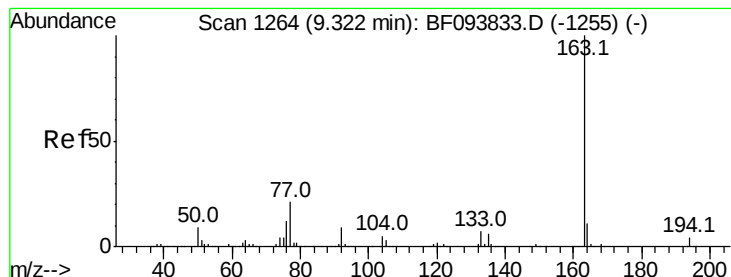
#44
 2-Fluorobiphenyl
 Concen: 76.29 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094287.D
 Acq: 7 Apr 2017 21:53

Tgt Ion:172 Resp: 1229836
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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

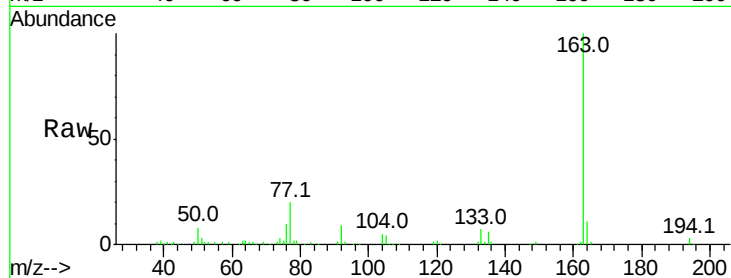




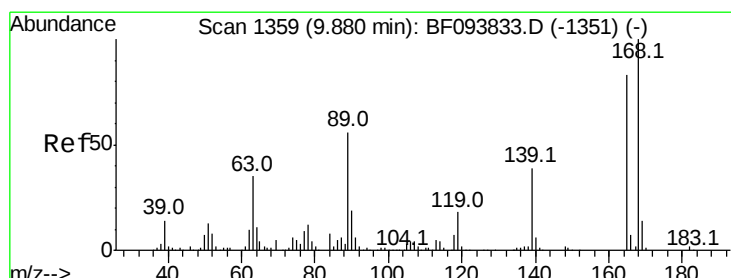
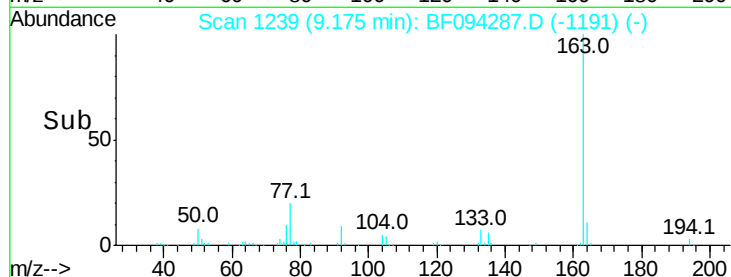
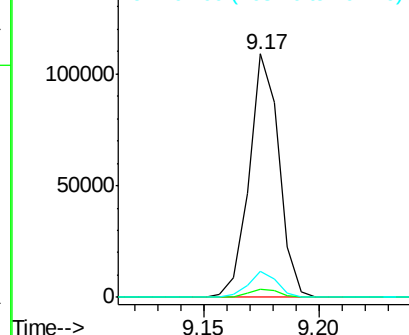
#49
Dimethylphthalate
Concen: 5.62 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094287.D
Acq: 7 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
GP-B-01(0-5)

Tot Ion:163 Resp: 98274
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.4 12.6

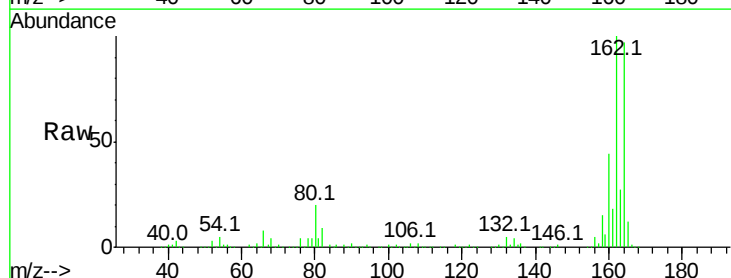


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

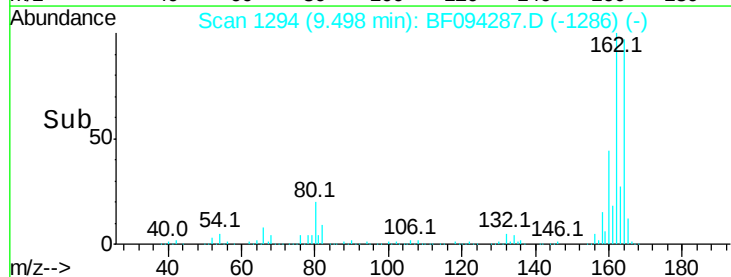
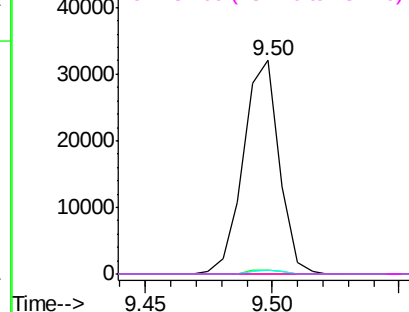


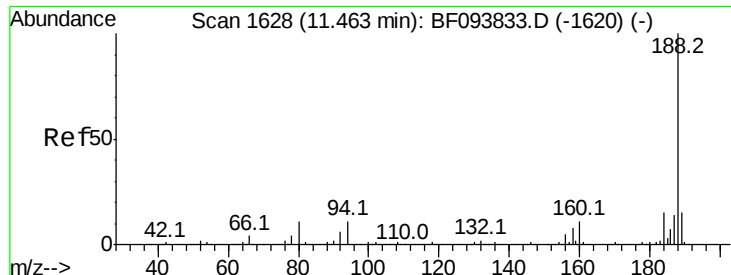
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.25 min
Lab File: BF094287.D
Acq: 7 Apr 2017 21:53

Tgt Ion:165 Resp: 31432
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 2.1 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

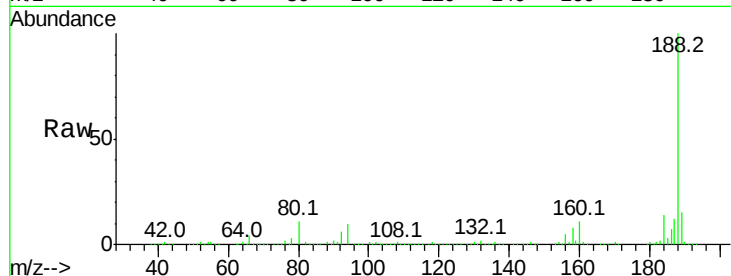




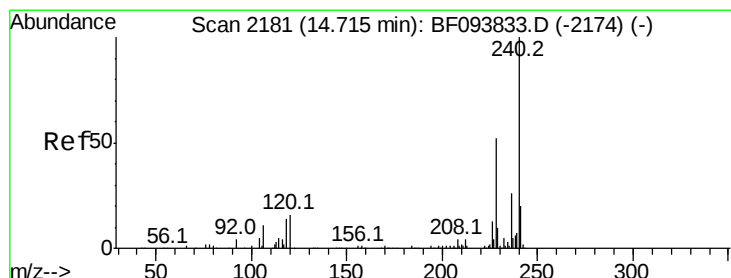
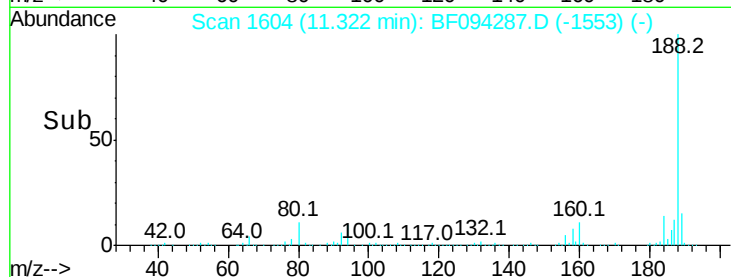
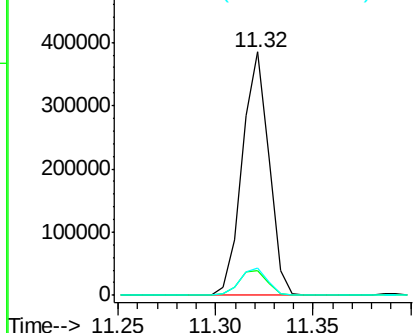
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094287.D
Acq: 7 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :
GP-B-01(0-5)

Tot Ion:188 Resp: 364667
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.2 10.2 15.2

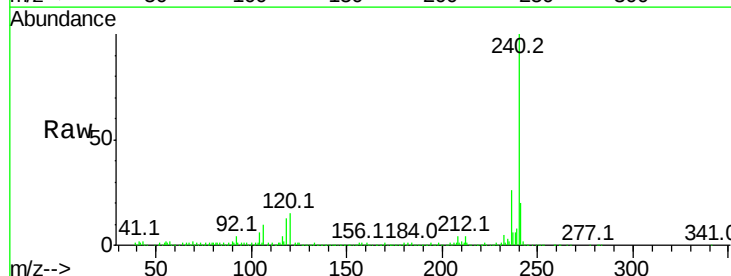


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

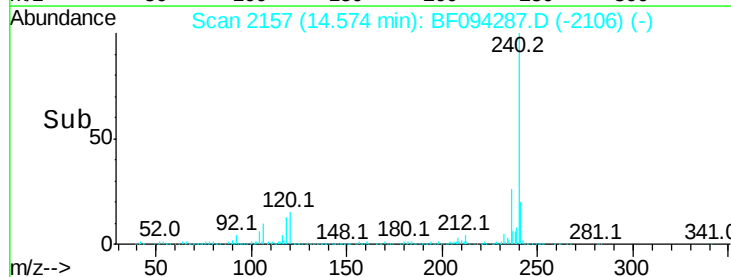
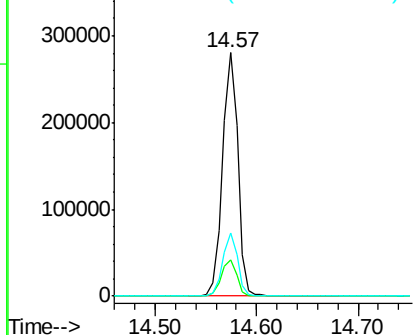


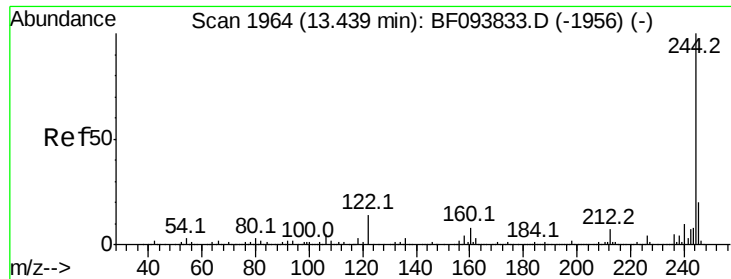
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF094287.D
Acq: 7 Apr 2017 21:53

Tgt Ion:240 Resp: 296457
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.8 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

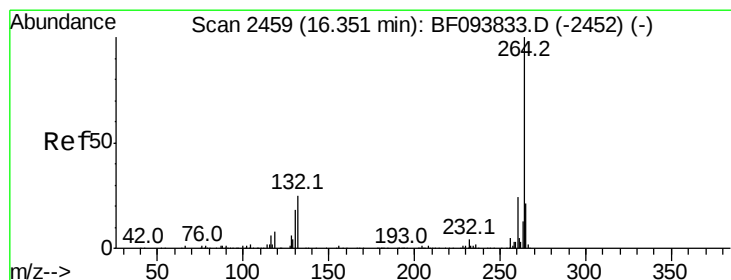
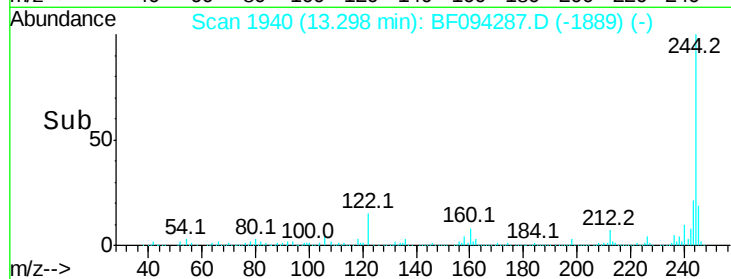
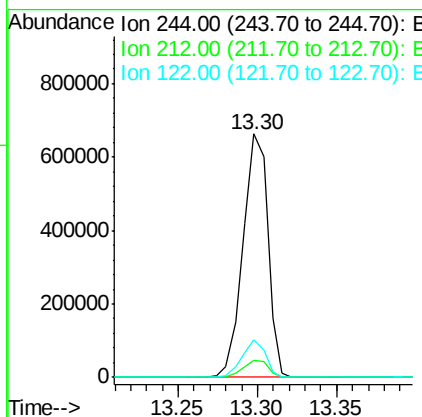
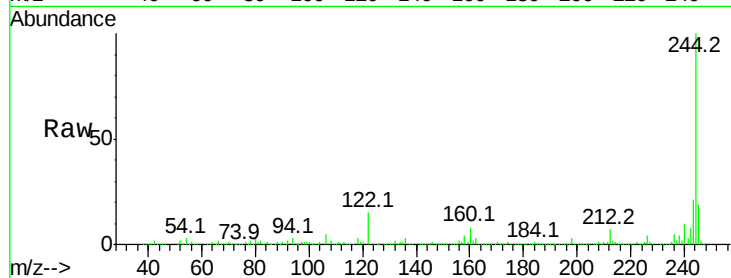




#78
 Terphenyl-d14
 Concen: 54.70 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094287.D
 Acq: 7 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(0-5)

Tot Ion:244 Resp: 723459
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BF094287.D
 Acq: 7 Apr 2017 21:53

Tgt Ion:264 Resp: 246192
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 22.2 17.2 25.8

