

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094078.D
 Acq On : 31 Mar 2017 00:33
 Operator : SJ/MA
 Sample : I2416-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)

Quant Time: Mar 31 01:53:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

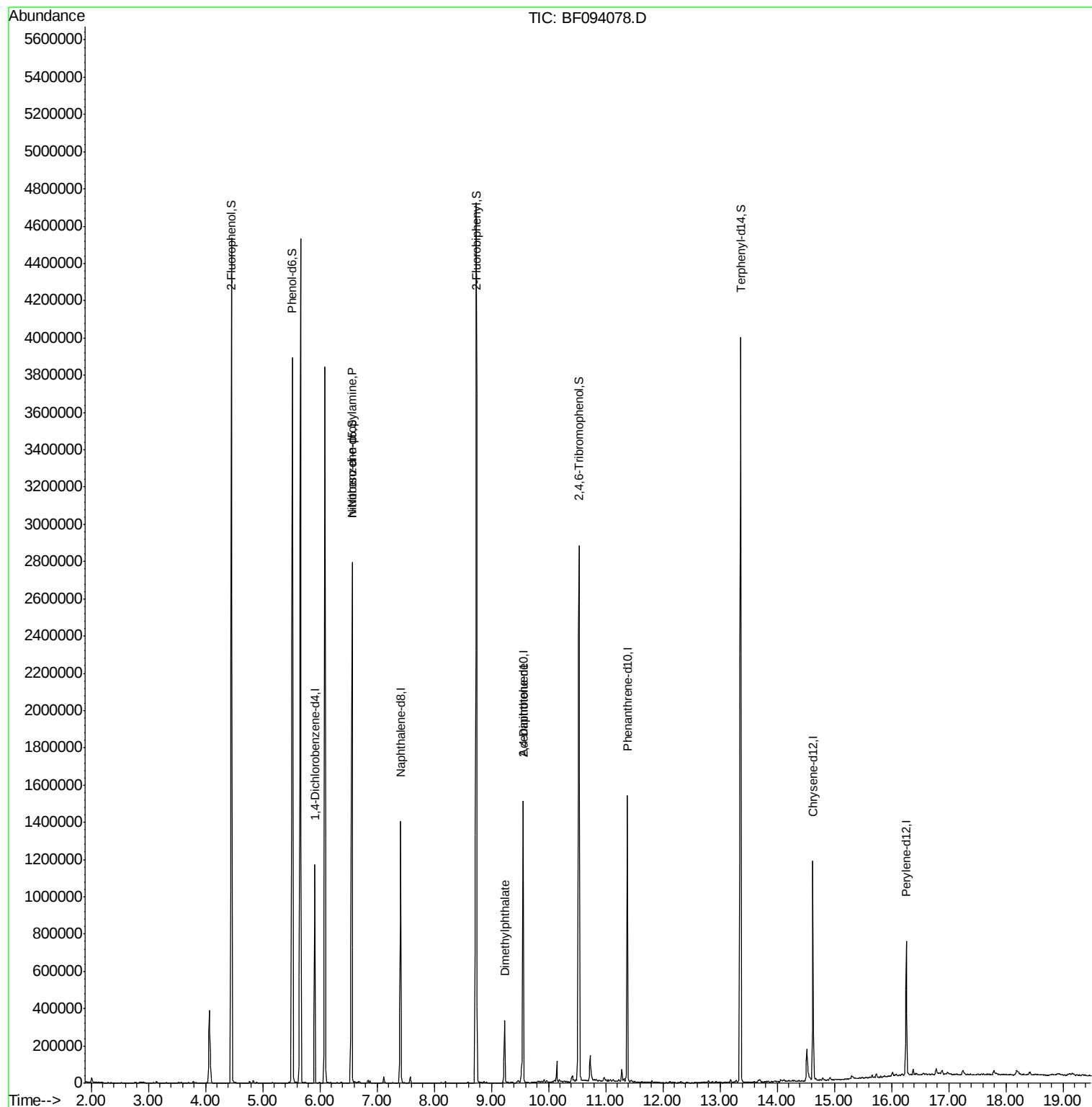
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	189624	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	784380	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	368564	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	626666	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	448477	20.00	ng	-0.05
86) Perylene-d12	16.26	264	313501	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1534809	136.71	ng	-0.02
7) Phenol-d6	5.52	99	1993897	143.56	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1256889	91.45	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	434240	149.10	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	2105962	87.15	ng	-0.04
78) Terphenyl-d14	13.36	244	1654999	82.72	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	168755	18.91	ng	# 76
49) Dimethylphthalate	9.23	163	160956	6.14	ng	99
56) 2,4-Dinitrotoluene	9.56	165	46721	6.19	ng	# 33

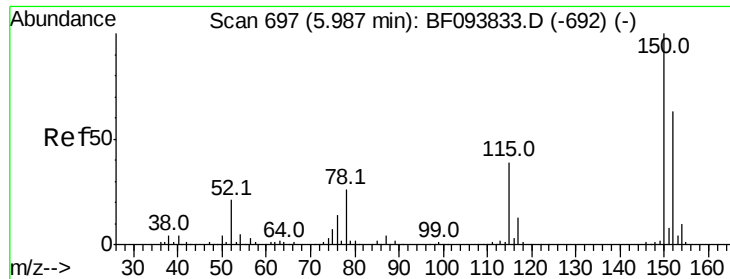
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.04 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)

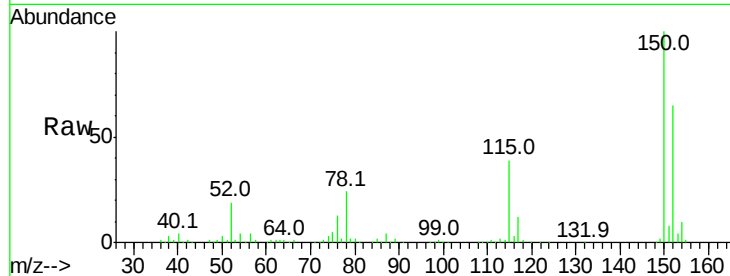
Tot Ion:152 Resp: 189624

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.2

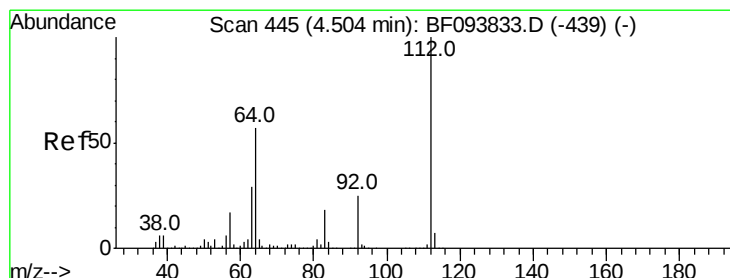
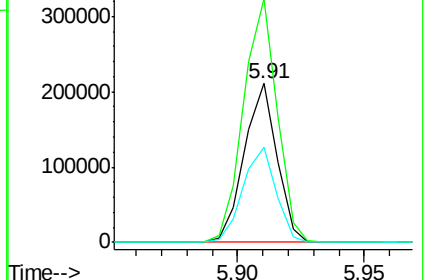
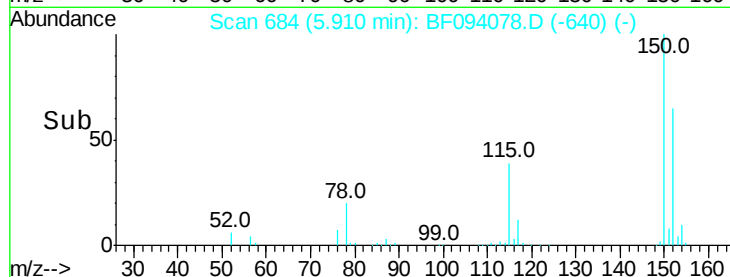
115 60.0 52.2 78.2



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: 136.71 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

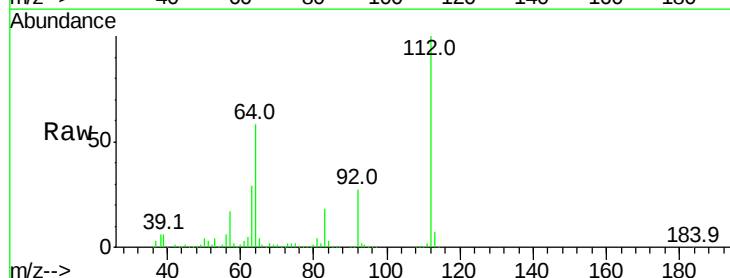
Tgt Ion:112 Resp: 1534809

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

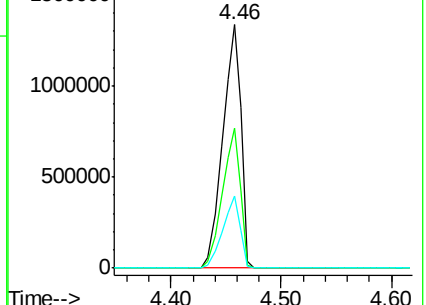
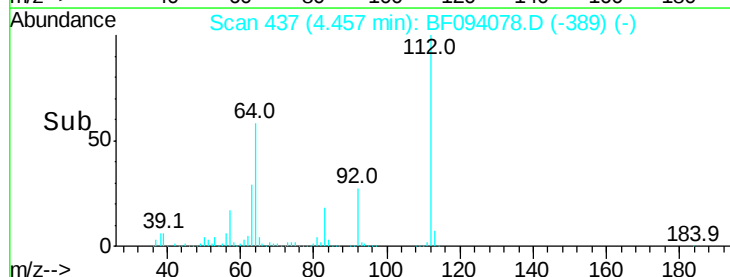
63 29.4 23.4 35.0

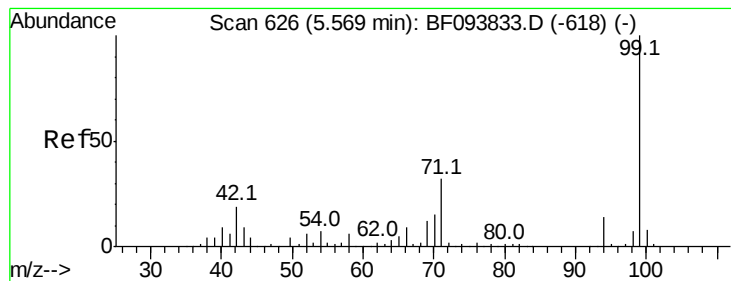


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.56 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

Instrument :

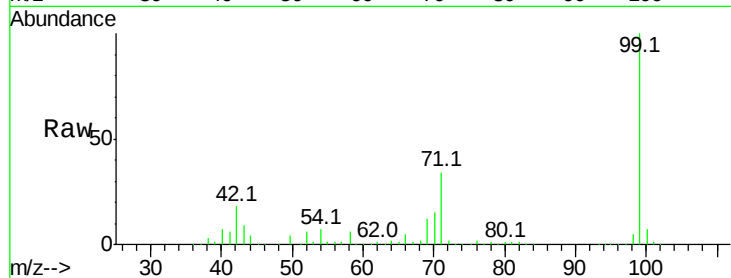
BNA_F

ClientSampleId :

TP-2(10-10.5)

Tot Ion: 99 Resp: 1993897

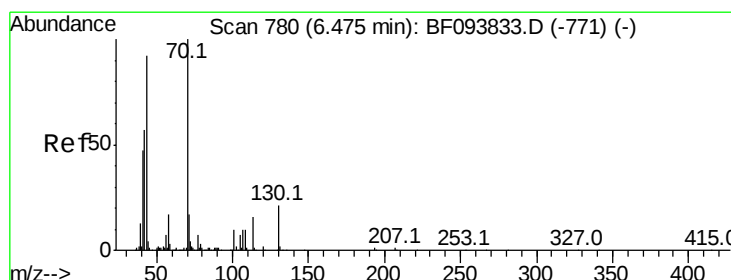
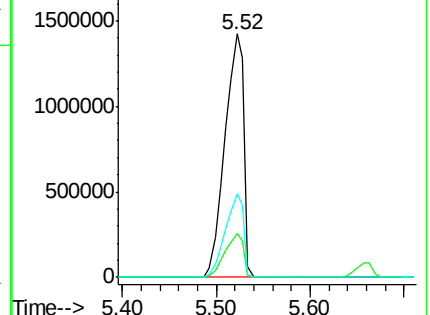
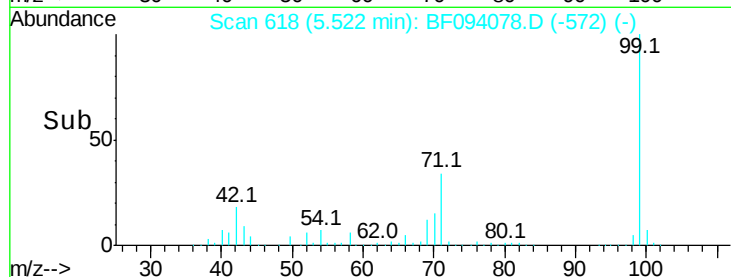
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	34.4	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.91 ng

RT: 6.56 min Scan# 795

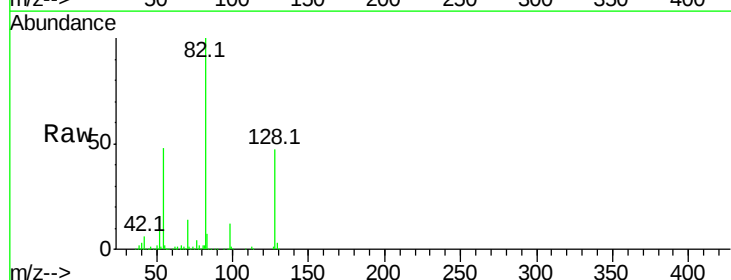
Delta R.T. 0.12 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

Tgt Ion: 70 Resp: 168755

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

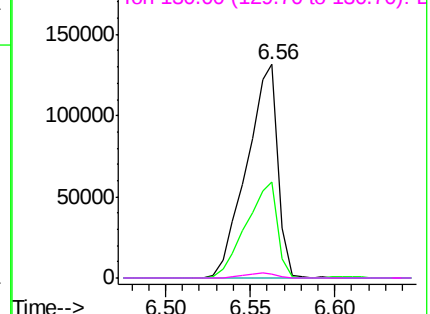
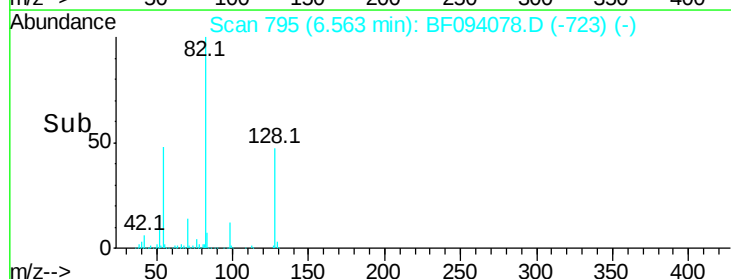


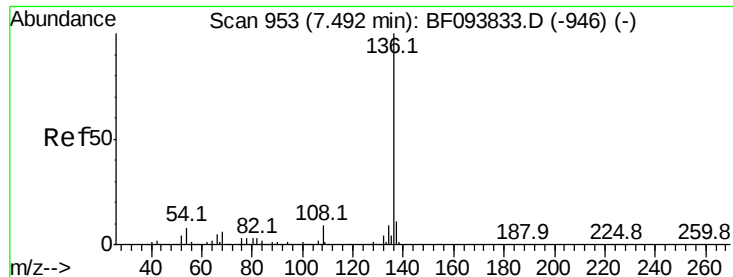
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.41 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)

Tot Ion:136 Resp: 784380

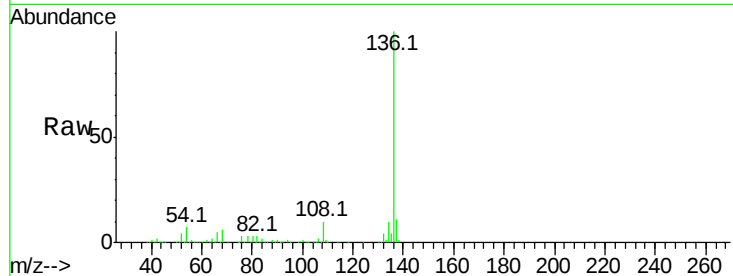
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

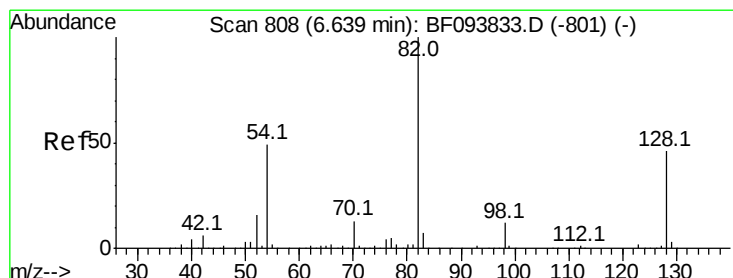
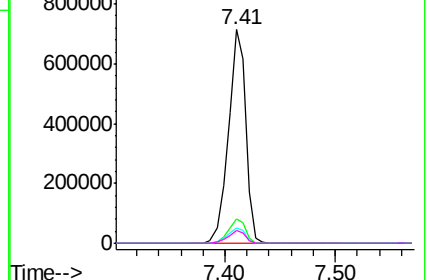
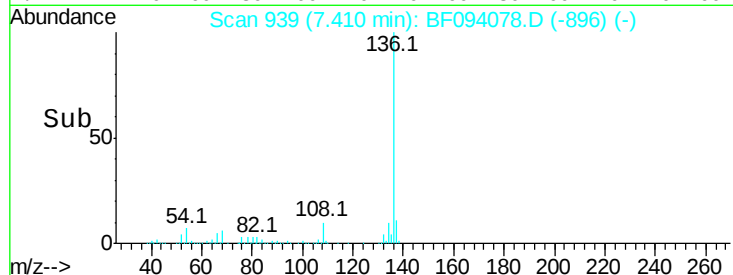


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.45 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.04 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

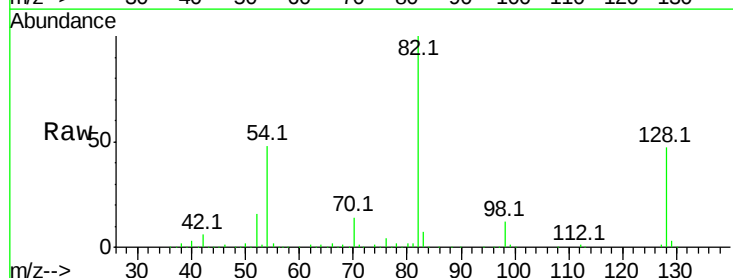
Tgt Ion: 82 Resp: 1256889

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

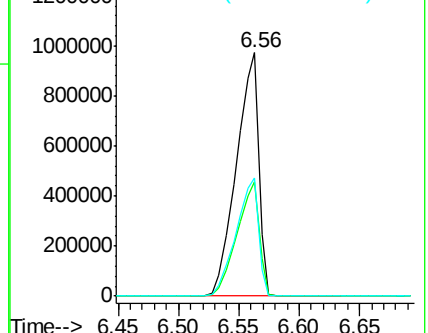
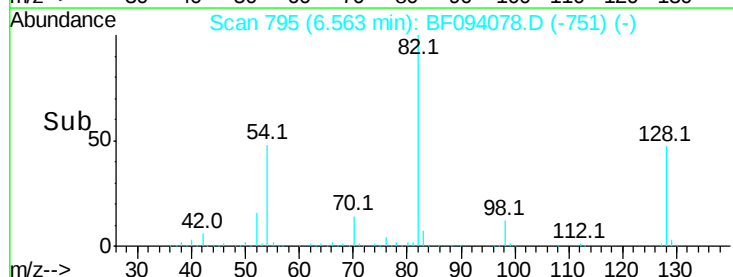
54 48.4 42.2 63.2

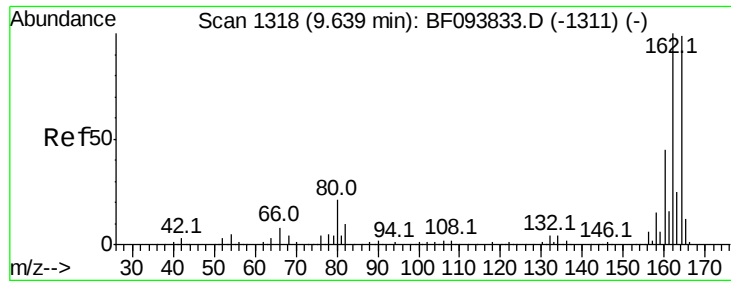


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

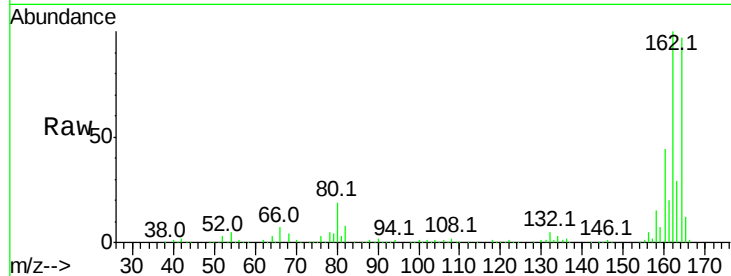




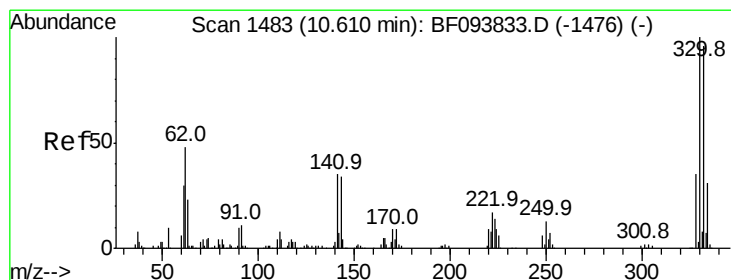
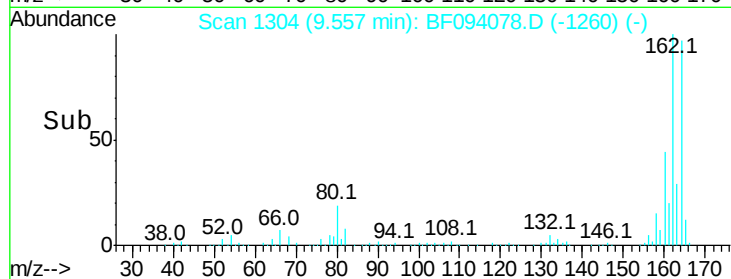
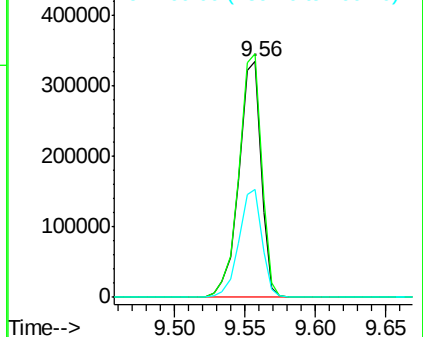
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094078.D
 Acq: 31 Mar 2017 00:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)

Tot Ion:164 Resp: 368564
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.5 36.2 54.2

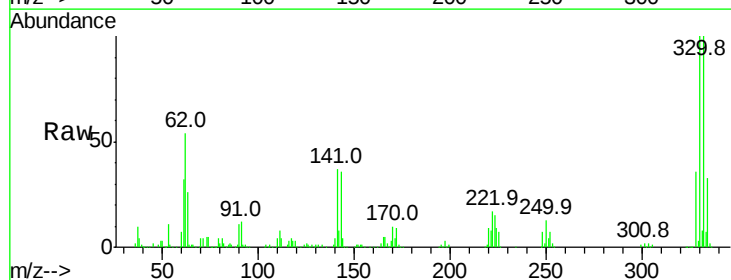


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

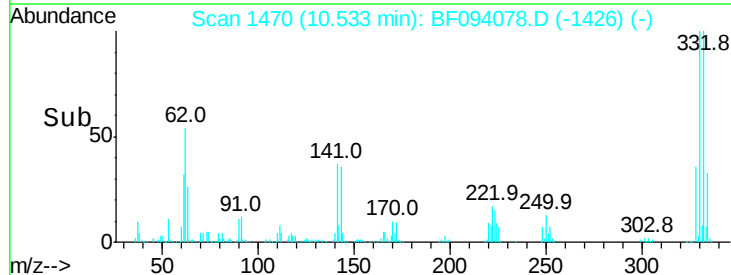
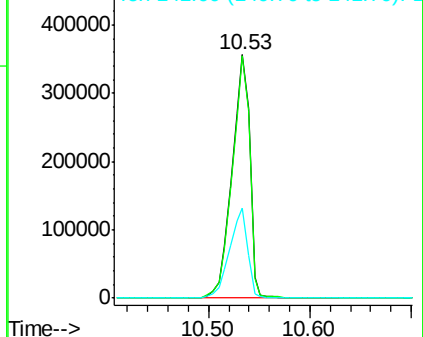


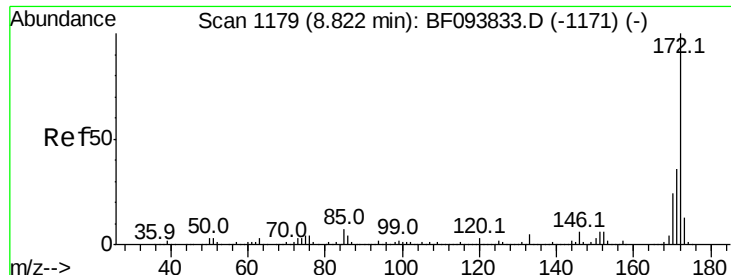
#41
 2,4,6-Tribromophenol
 Concen: 149.10 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094078.D
 Acq: 31 Mar 2017 00:33

Tgt Ion:330 Resp: 434240
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 37.7 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



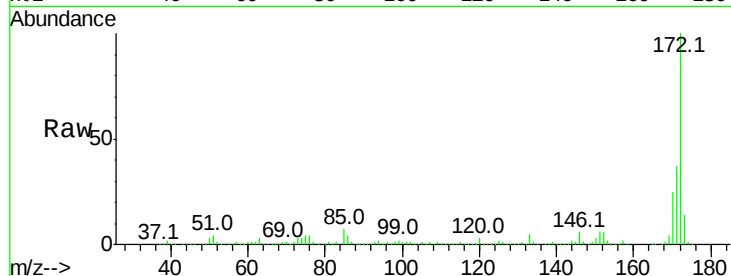


#44
2-Fluorobiphenyl
Concen: 87.15 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094078.D
Acq: 31 Mar 2017 00:33

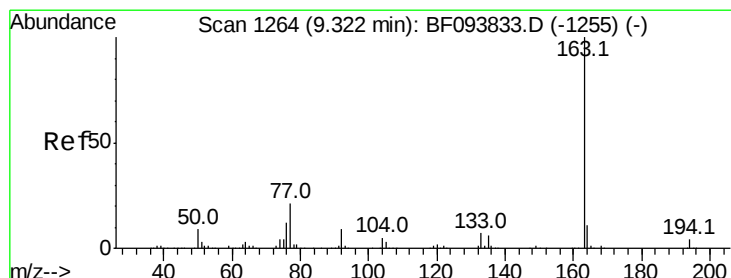
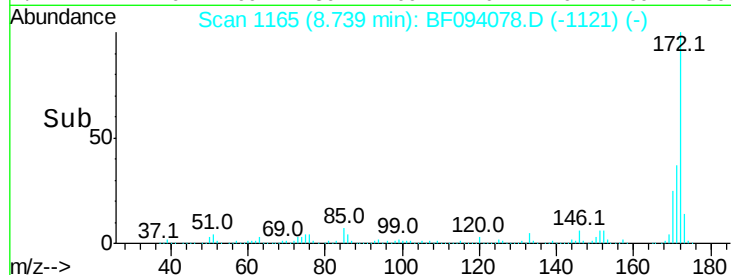
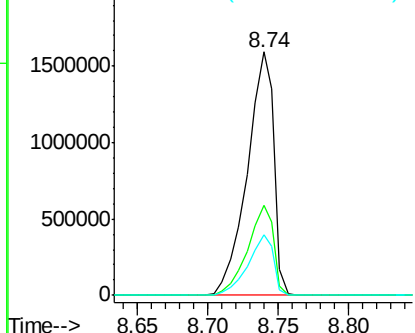
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)

Tot Ion:172 Resp: 2105962

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.7	19.8	29.8



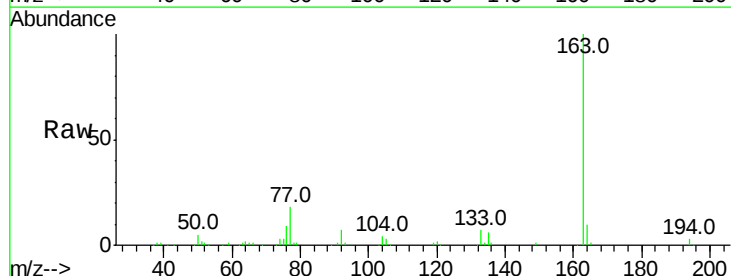
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



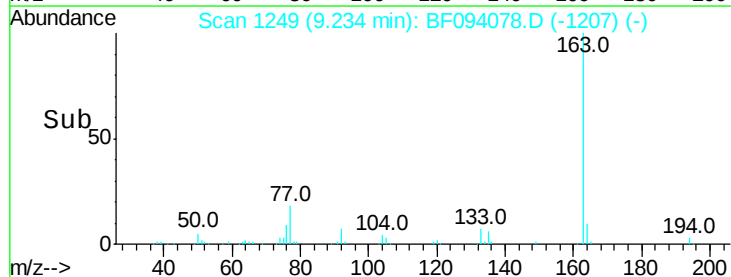
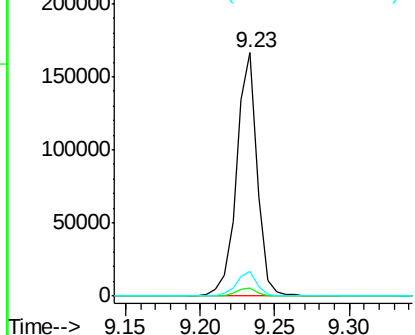
#49
Dimethylphthalate
Concen: 6.14 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094078.D
Acq: 31 Mar 2017 00:33

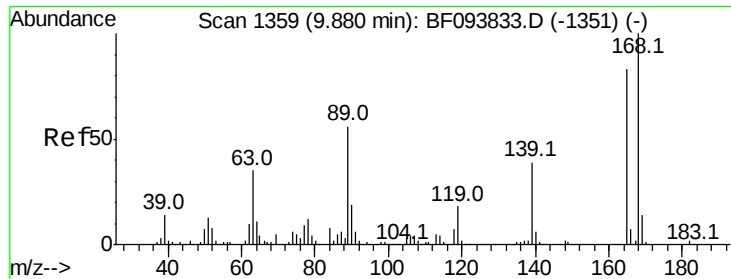
Tgt Ion:163 Resp: 160956

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	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

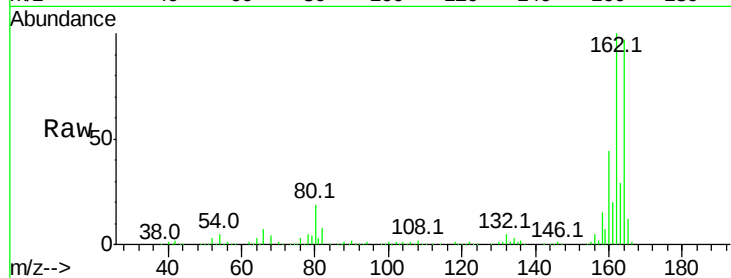




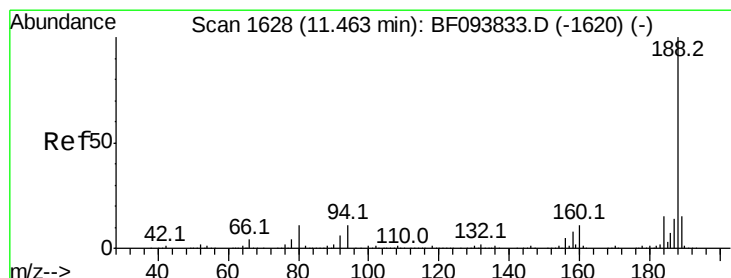
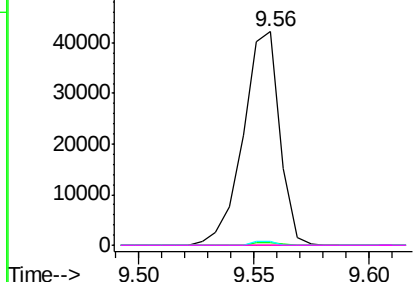
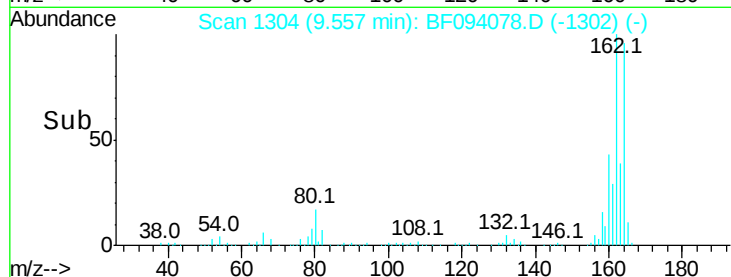
#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094078.D
 Acq: 31 Mar 2017 00:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)

Tot Ion:165 Resp: 46721
 Ion Ratio Lower Upper
 165 100
 63 1.0 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#

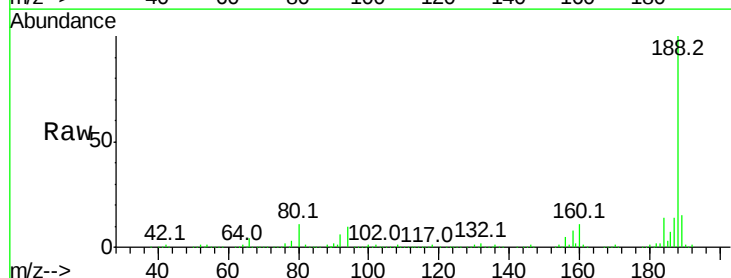


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

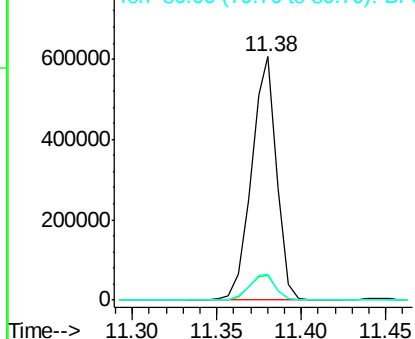
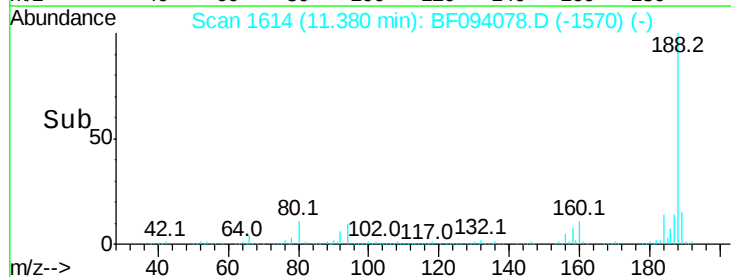


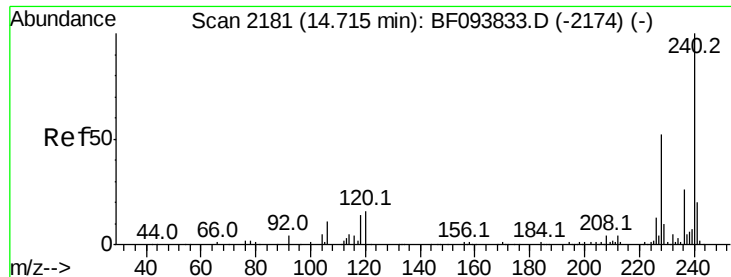
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094078.D
 Acq: 31 Mar 2017 00:33

Tgt Ion:188 Resp: 626666
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.8 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: 14.63 min Scan# 2166

Delta R.T. -0.05 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)

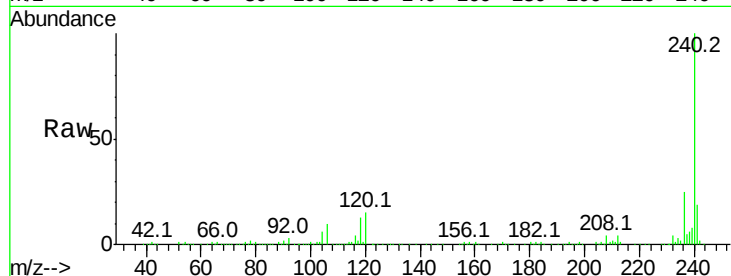
Tot Ion:240 Resp: 448477

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

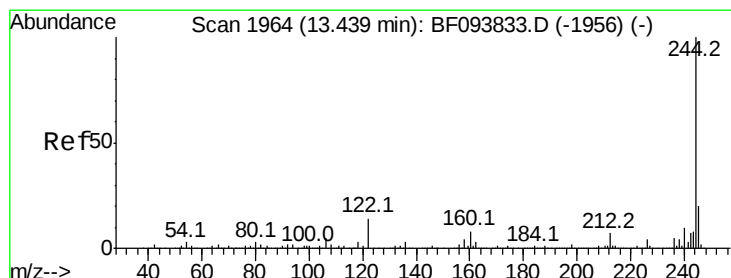
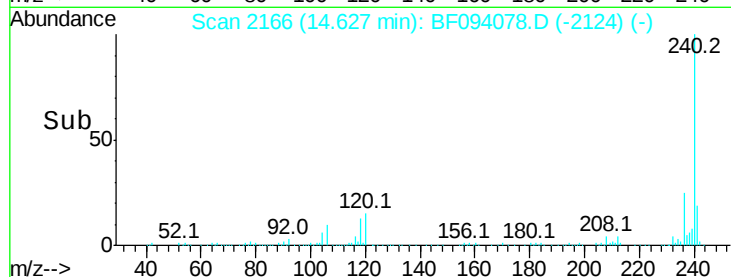
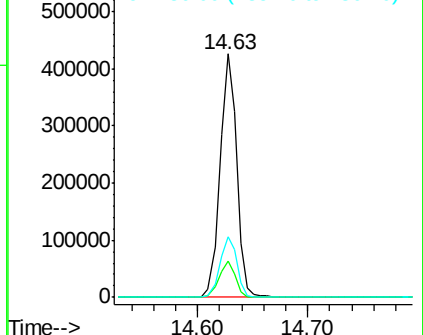
236 24.7 20.5 30.7



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: 82.72 ng

RT: 13.36 min Scan# 1951

Delta R.T. -0.04 min

Lab File: BF094078.D

Acq: 31 Mar 2017 00:33

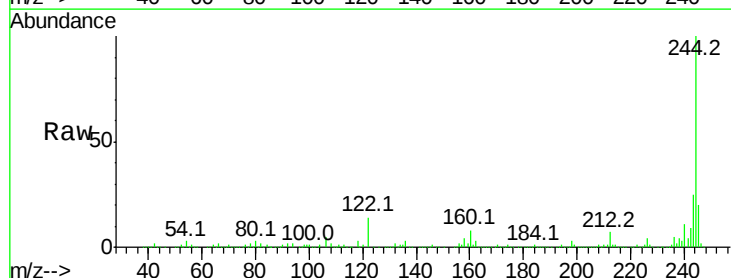
Tgt Ion:244 Resp: 1654999

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

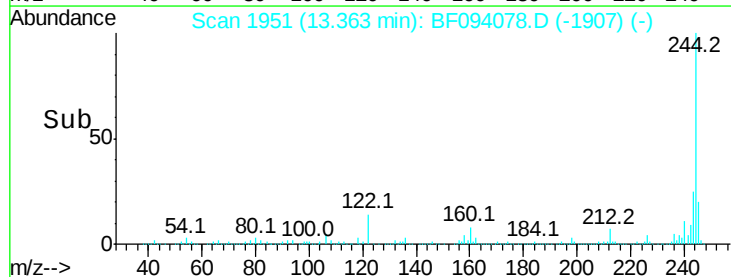
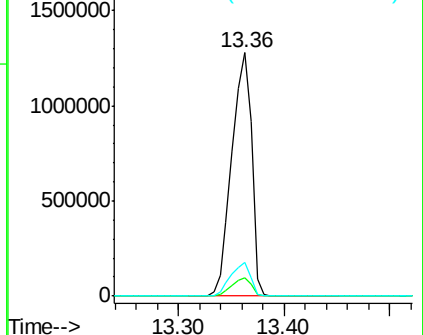
122 13.7 10.3 15.5

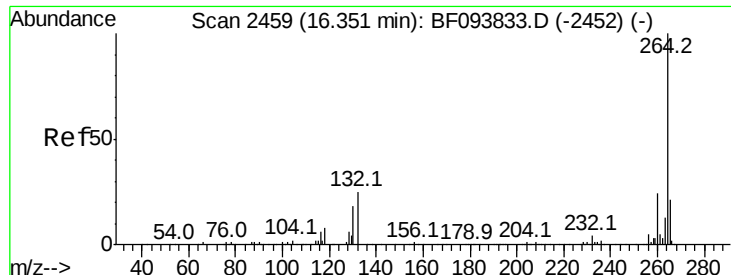


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



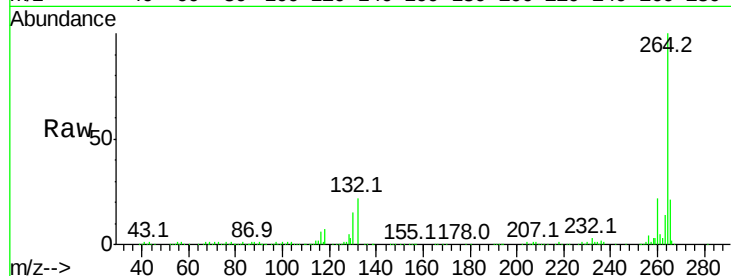


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2444
Delta R.T. -0.05 min
Lab File: BF094078.D
Acq: 31 Mar 2017 00:33

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)

Tot Ion:264 Resp: 313501

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.6	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

