

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094599.D
 Acq On : 25 Apr 2017 12:26
 Operator : SJ/MA
 Sample : PB98413BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:21:33 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

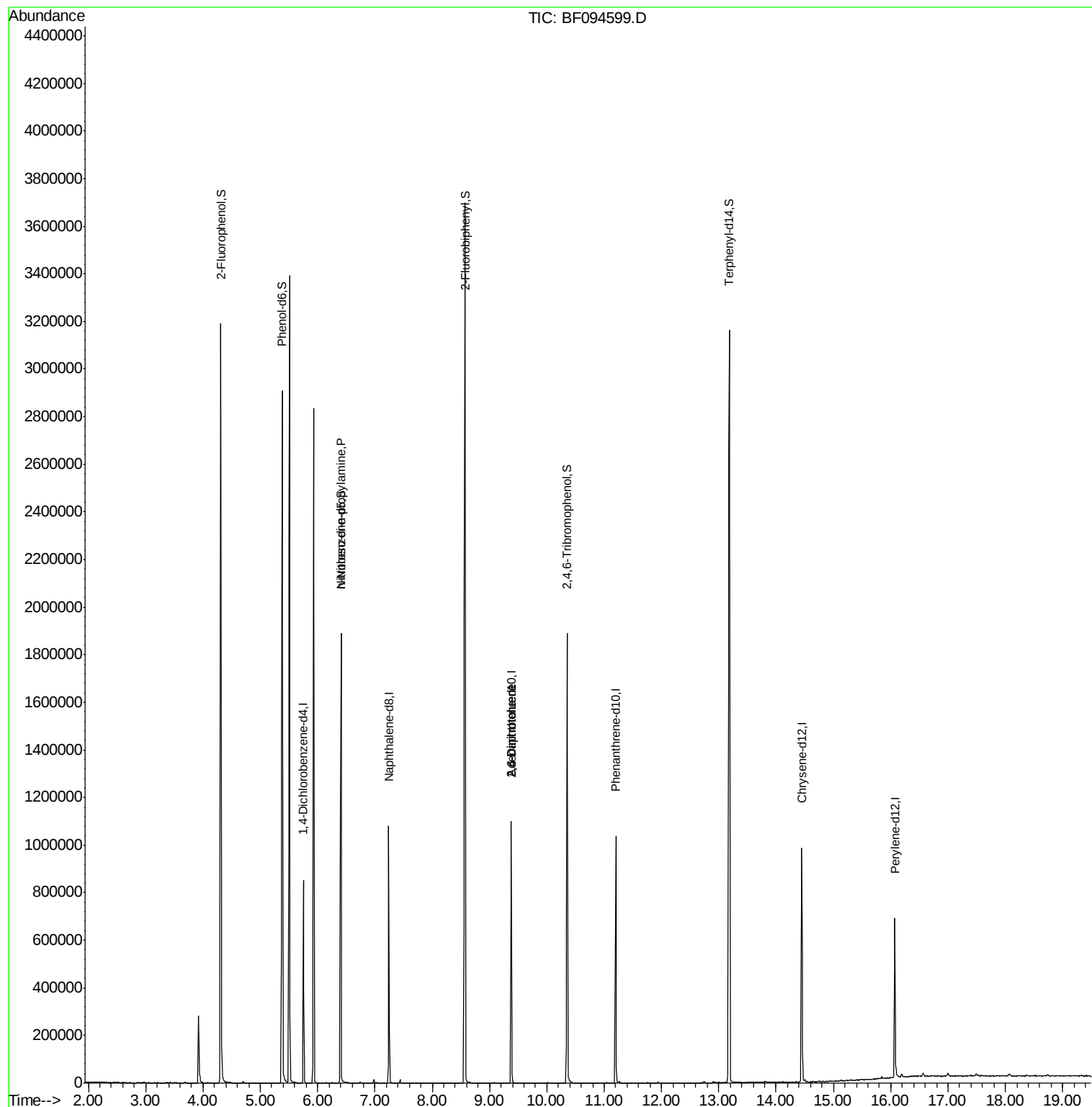
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	130993	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	513921	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	237781	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	450299	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	389964	20.00	ng	-0.02
86) Perylene-d12	16.07	264	278747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1013510	128.36	ng	0.00
7) Phenol-d6	5.38	99	1265414	135.95	ng	0.00
23) Nitrobenzene-d5	6.41	82	760189	91.34	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	244286	131.34	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1380153	85.40	ng	-0.01
78) Terphenyl-d14	13.18	244	1325240	90.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	98868	16.03	ng	# 75
50) 2,6-Dinitrotoluene	9.38	165	30690	7.72	ng	# 34
56) 2,4-Dinitrotoluene	9.38	165	30689	6.29	ng	# 33

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

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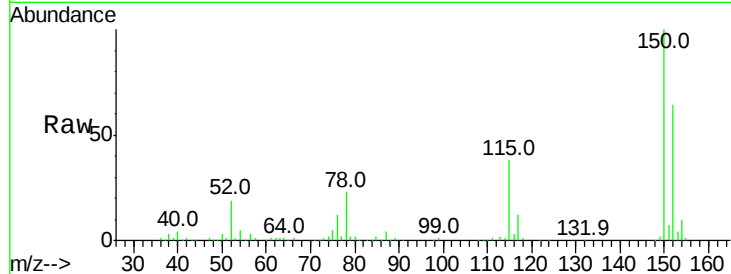


#1

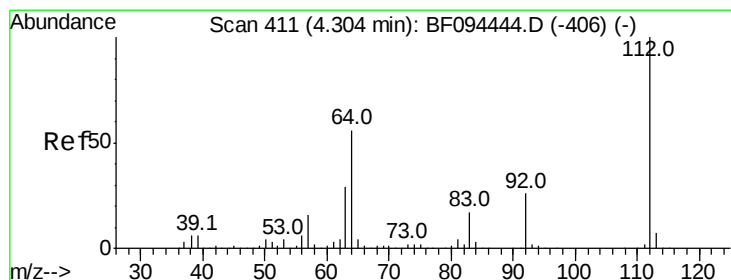
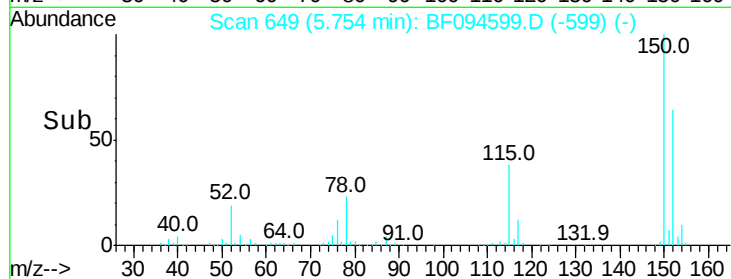
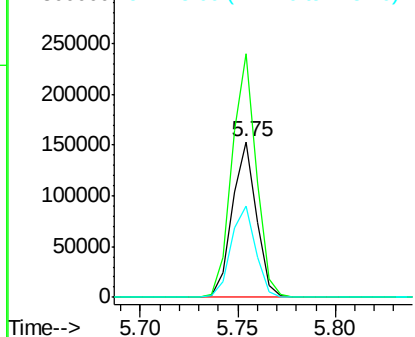
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094599.D
Acq: 25 Apr 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130993
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 58.9 52.2 78.2



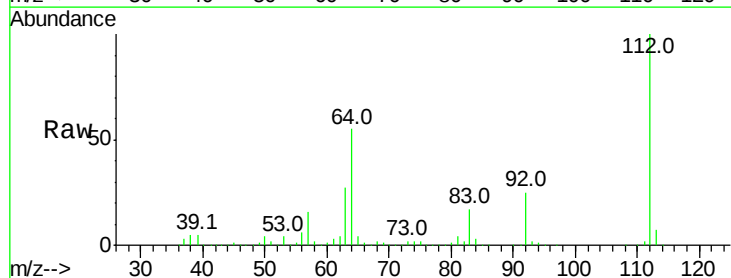
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



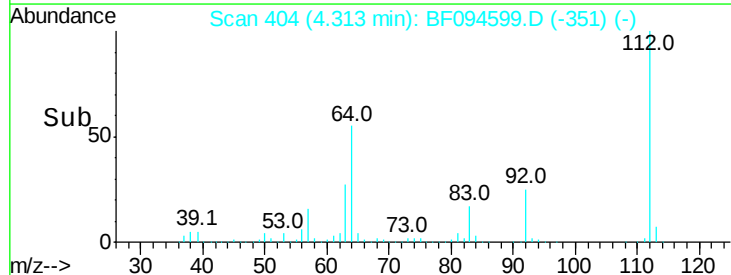
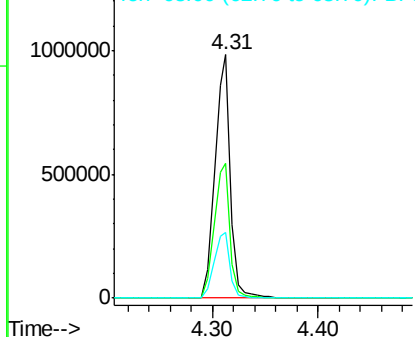
#5

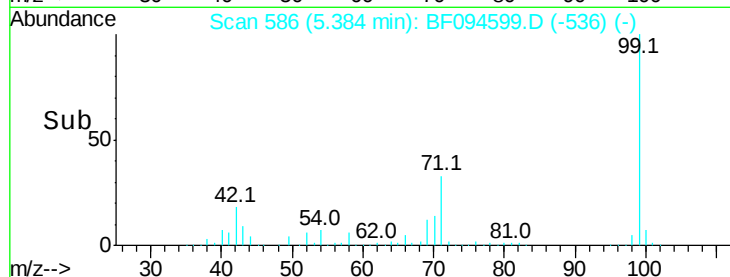
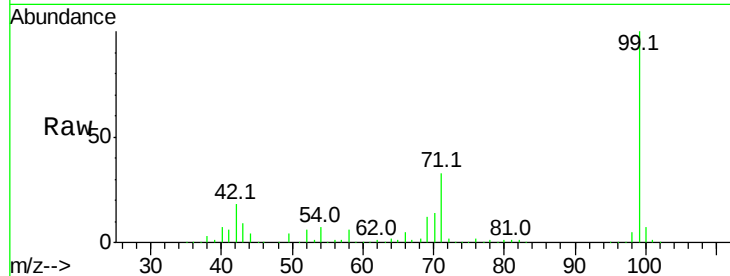
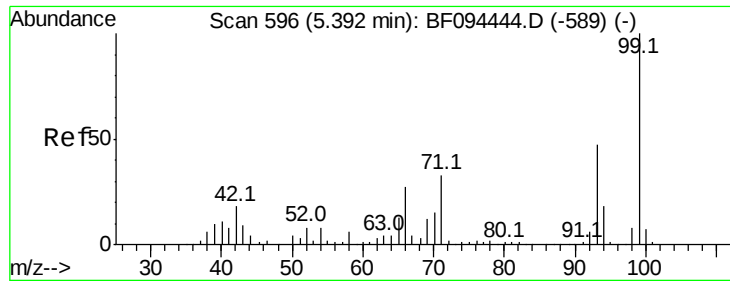
2-Fluorophenol
Concen: 128.36 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094599.D
Acq: 25 Apr 2017 12:26

Tgt Ion:112 Resp: 1013510
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 27.2 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: 135.95 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Instrument :

BNA_F

ClientSampleID :

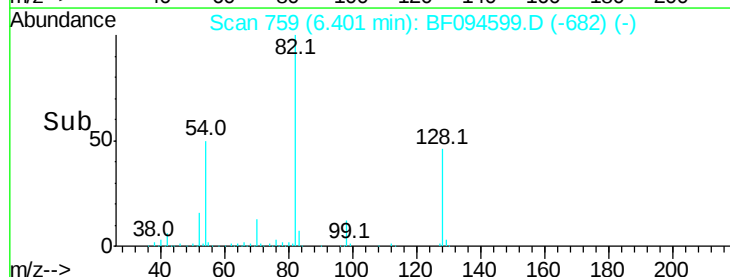
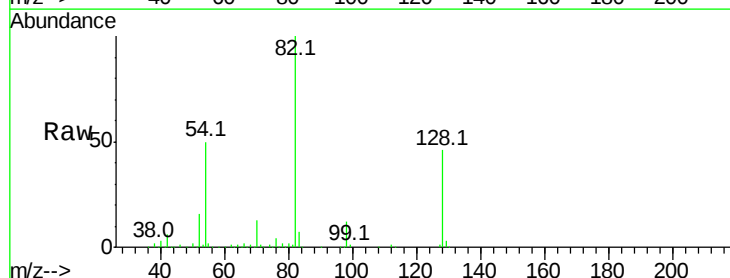
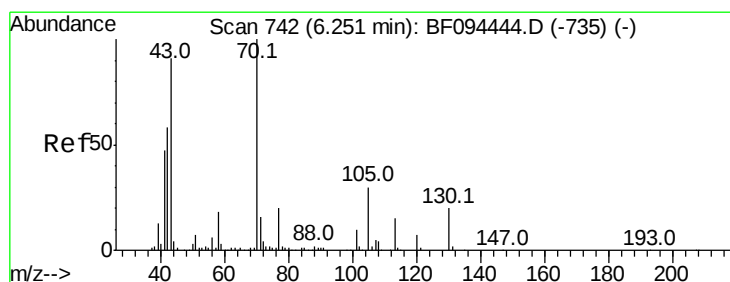
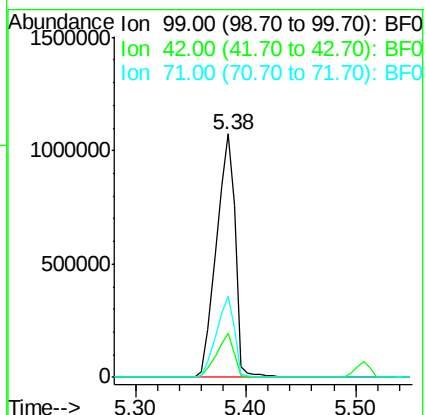
Tot Ion: 99 Resp: 1265414

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 33.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.03 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Tgt Ion: 70 Resp: 98868

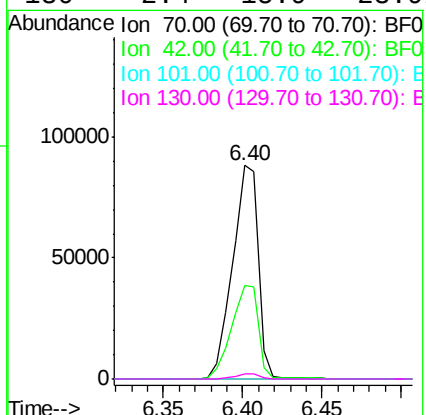
Ion Ratio Lower Upper

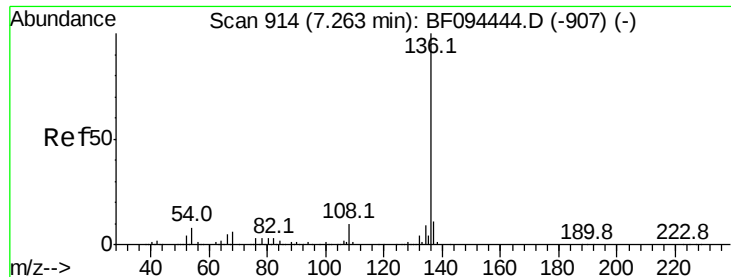
70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

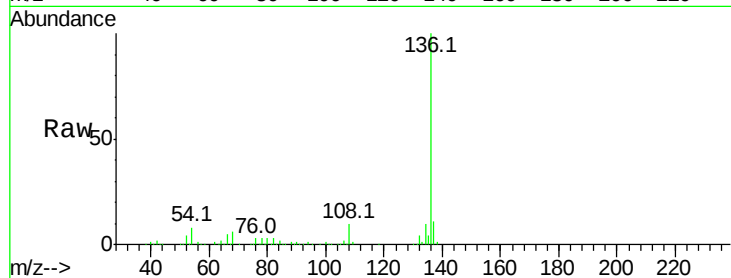
Delta R.T. -0.02 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	513921
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.6	4.9 7.3#
68	6.0	4.1 6.1

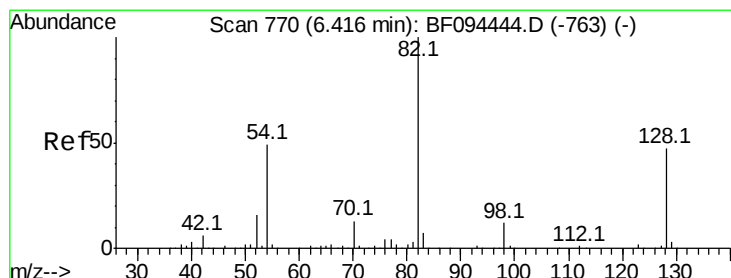
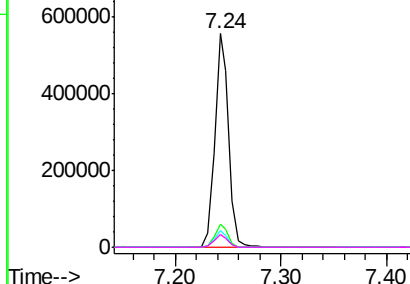
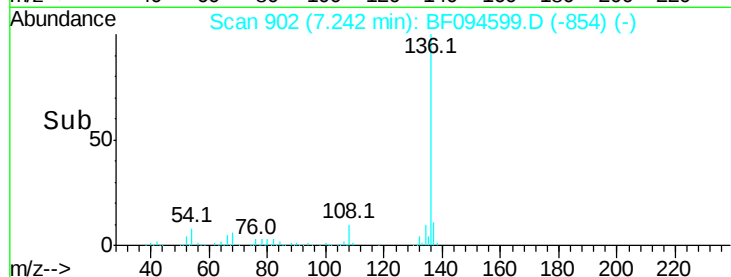


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.34 ng

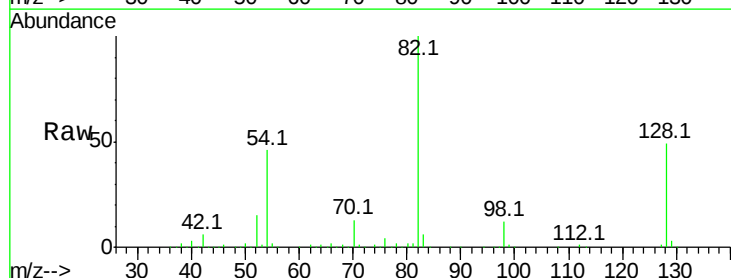
RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

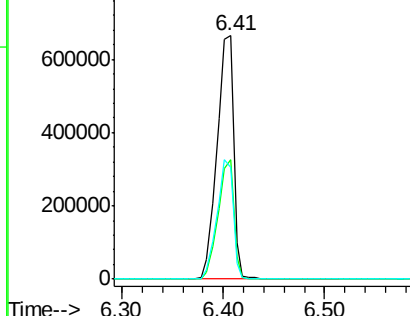
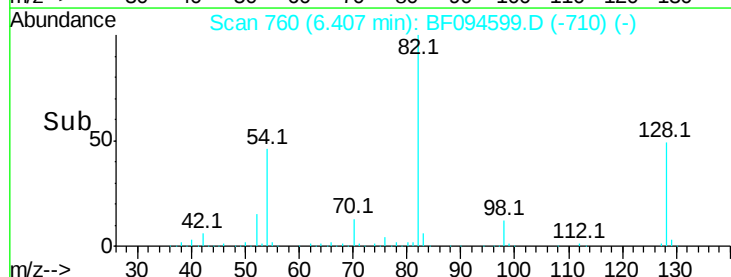
Tgt Ion: 82	Resp:	760189
Ion Ratio	Lower	Upper
82	100	
128	49.3	34.0 51.0
54	46.1	42.2 63.2

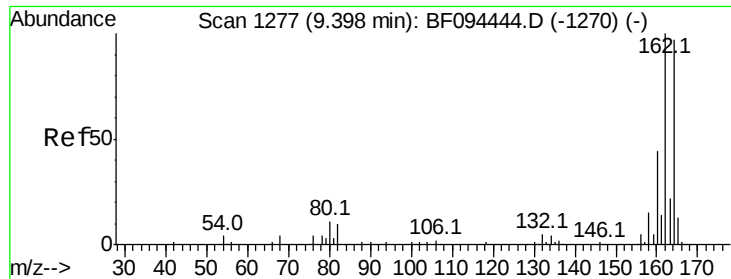


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

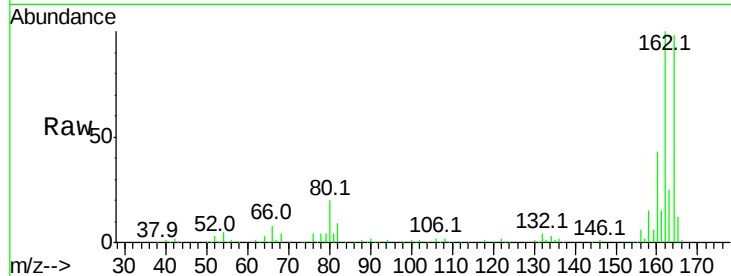




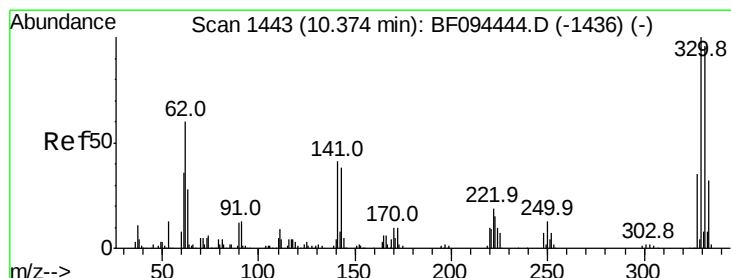
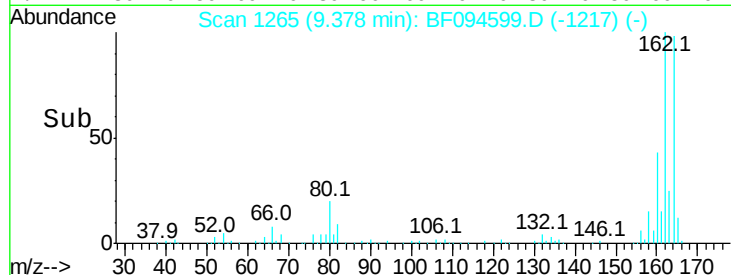
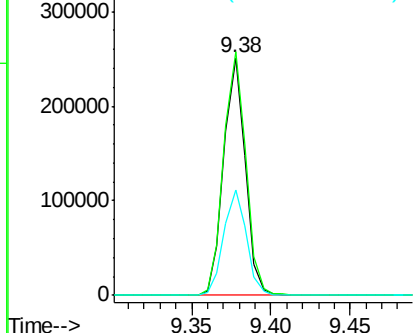
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 237781
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 44.5 36.2 54.2

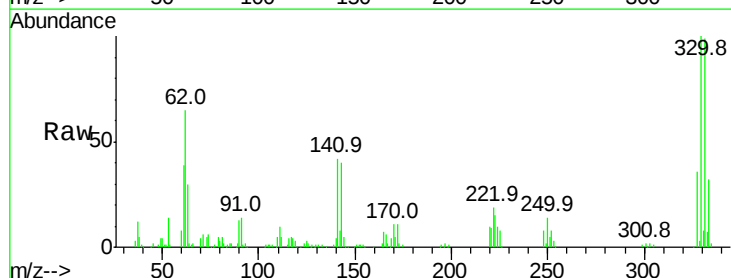


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

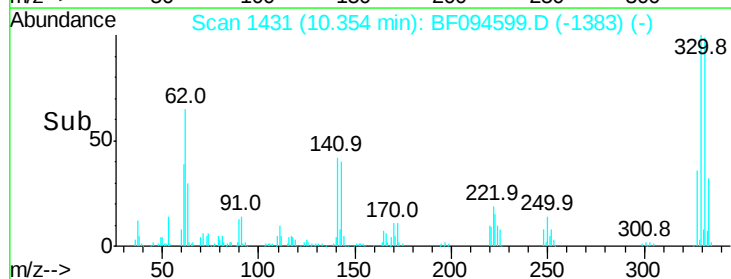
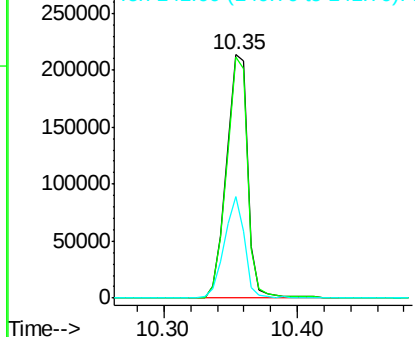


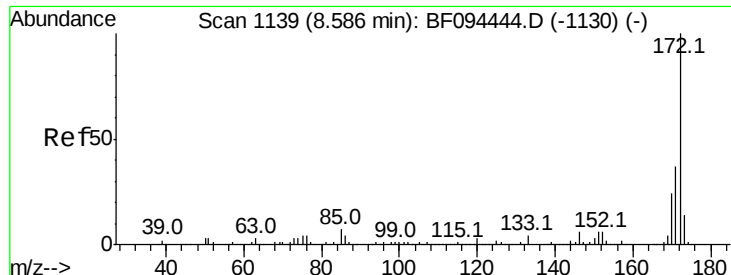
#41
 2,4,6-Tribromophenol
 Concen: 131.34 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Tgt Ion:330 Resp: 244286
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.3 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



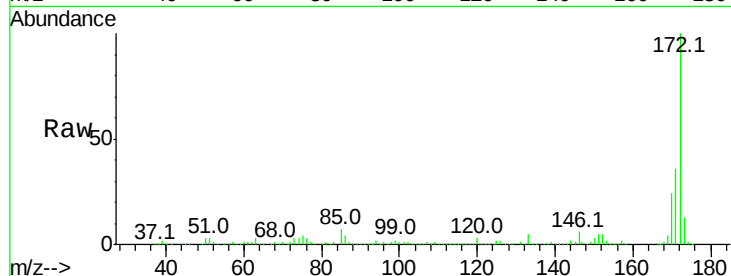


#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

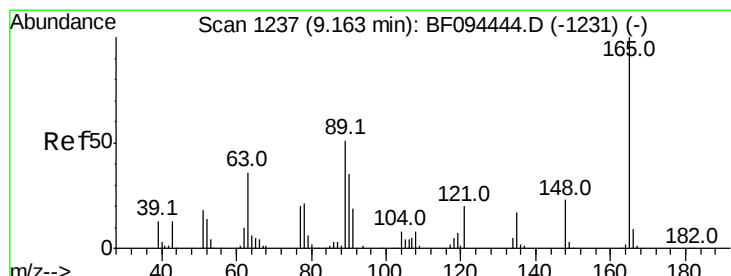
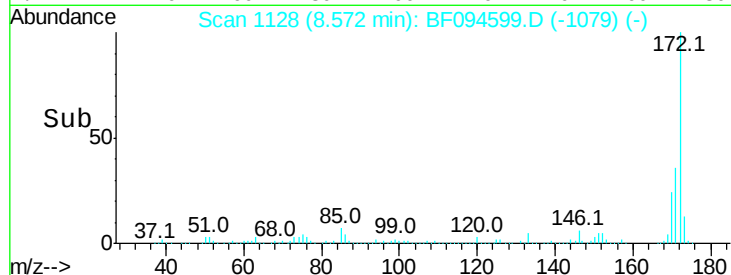
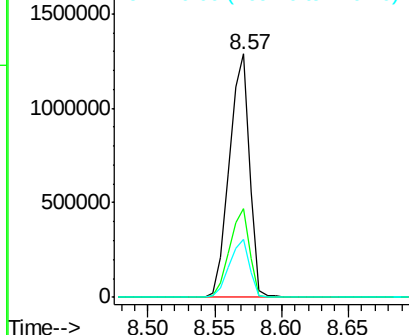
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1380153

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	19.8	29.8



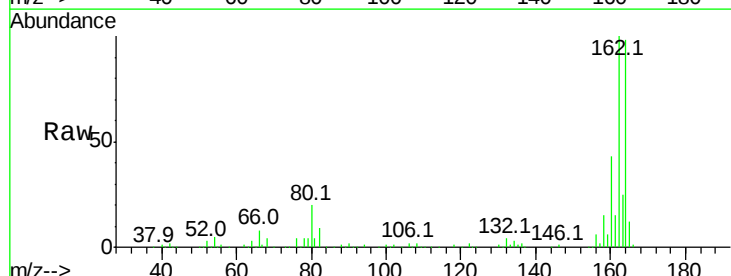
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



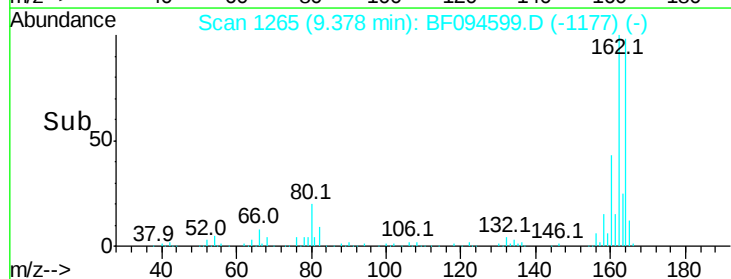
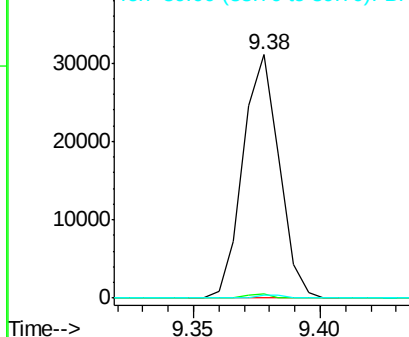
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

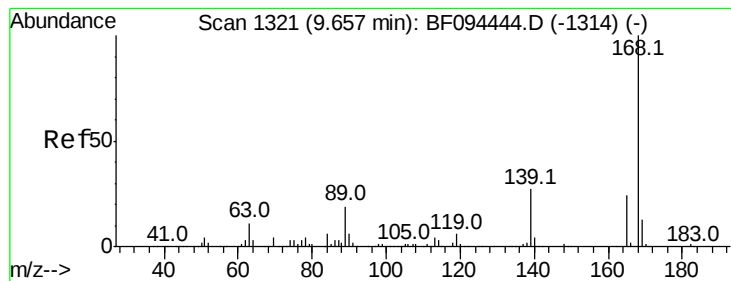
Tgt Ion:165 Resp: 30690

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.2	37.1	55.7#



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





#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.28 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 30689

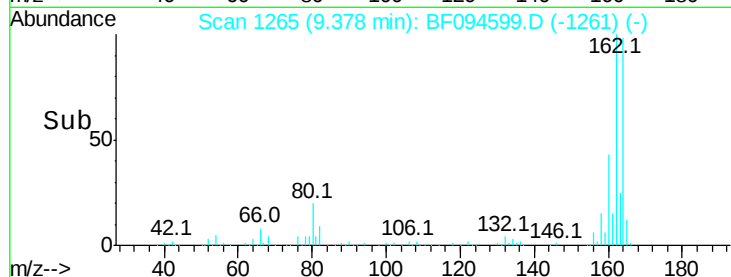
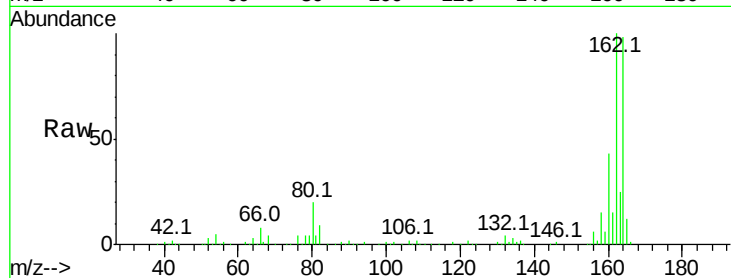
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

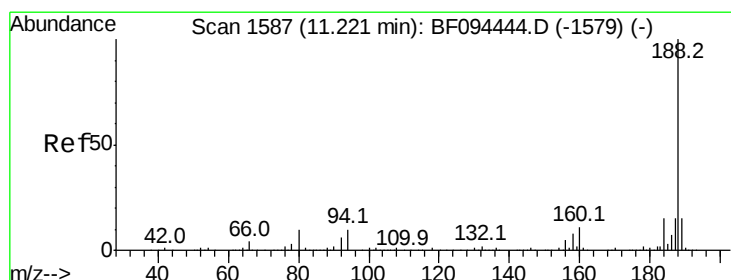
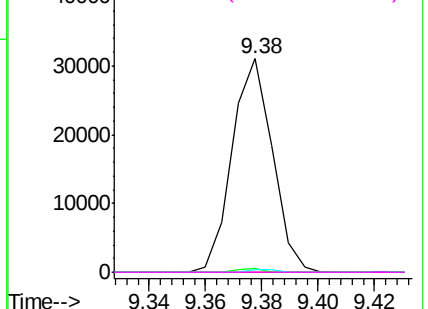


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

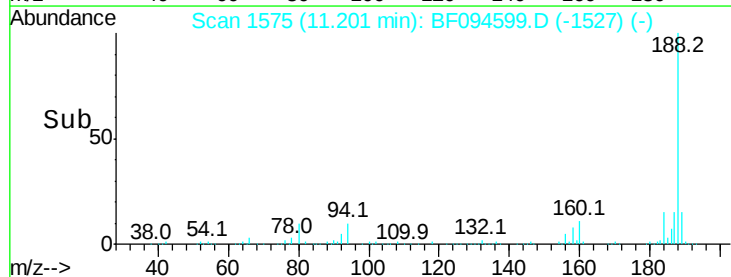
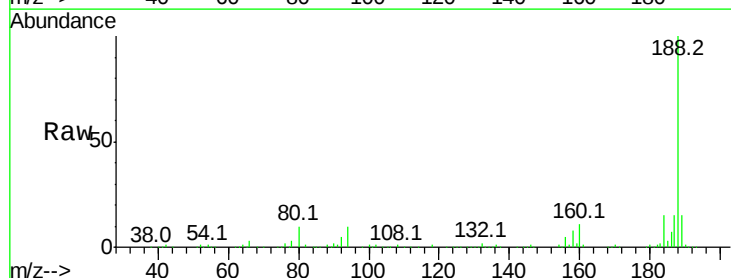
Tgt Ion:188 Resp: 450299

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

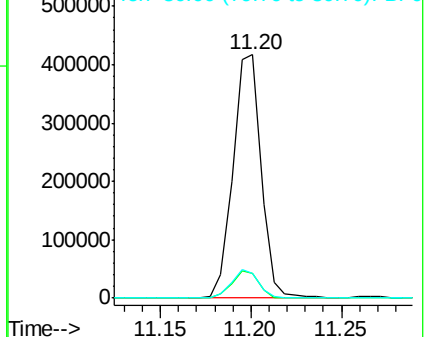
80 10.3 10.2 15.2

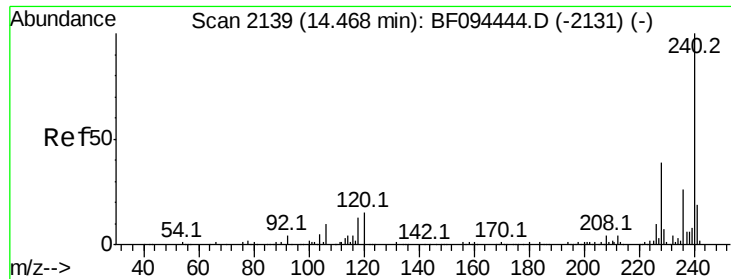


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

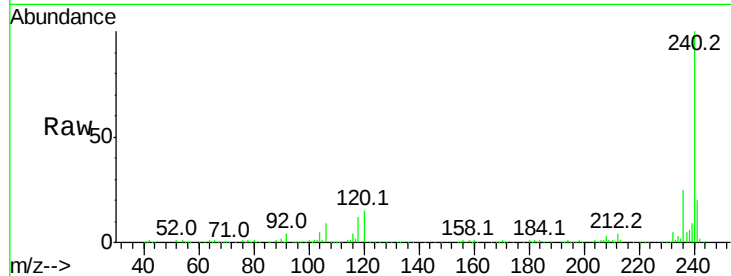




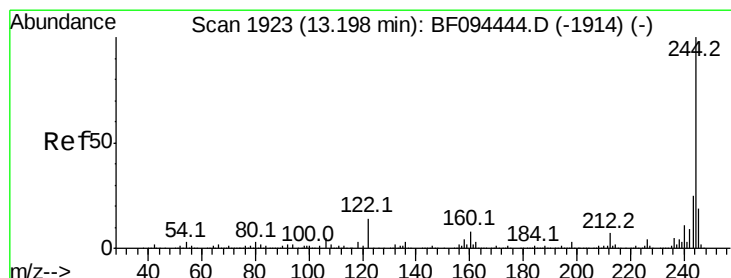
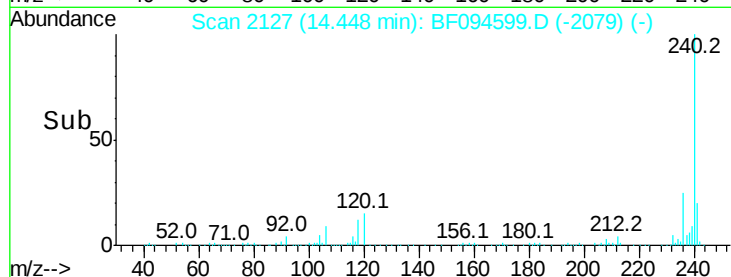
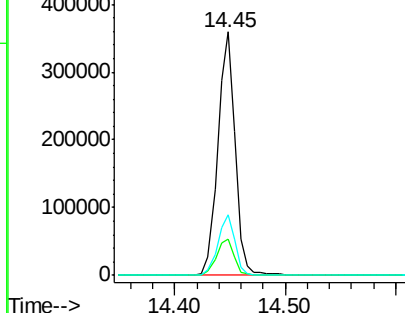
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 389964
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.0 20.5 30.7

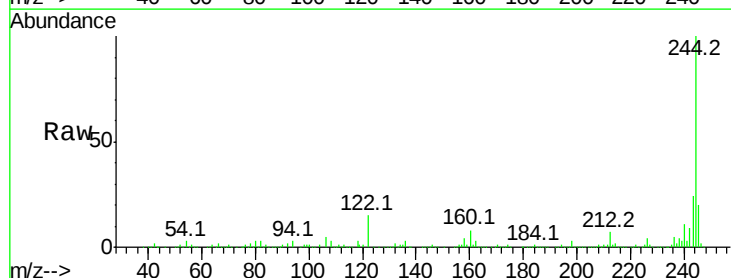


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

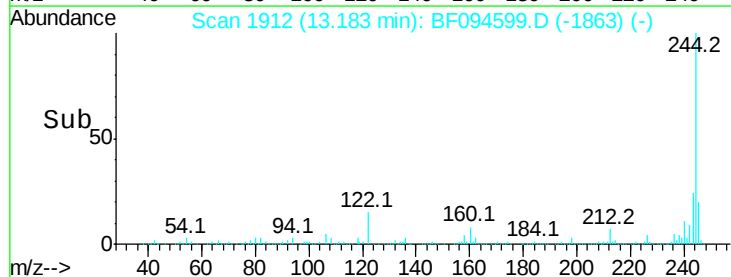
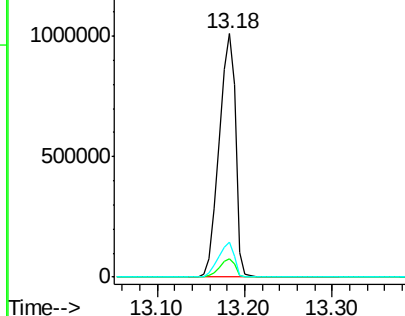


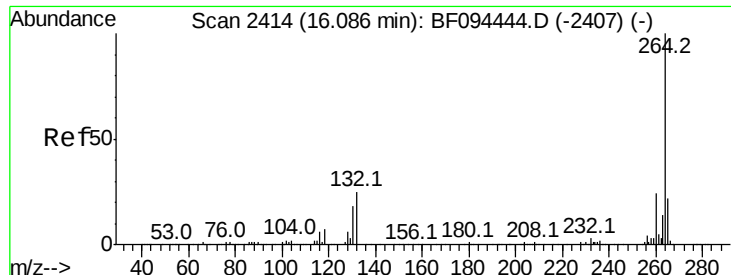
#78
 Terphenyl-d14
 Concen: 90.84 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Tgt Ion:244 Resp: 1325240
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.6 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

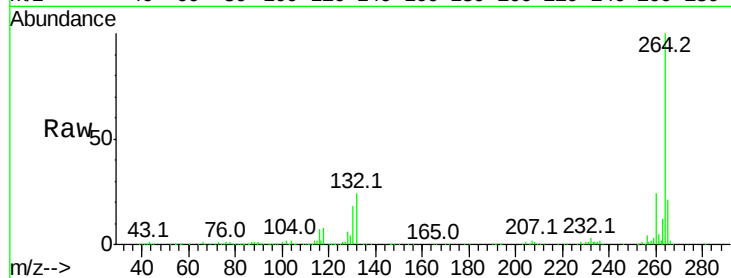




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094599.D
Acq: 25 Apr 2017 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	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

