

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094927.D
 Acq On : 5 May 2017 20:42
 Operator : SJ/MA
 Sample : PB98725BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 23:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

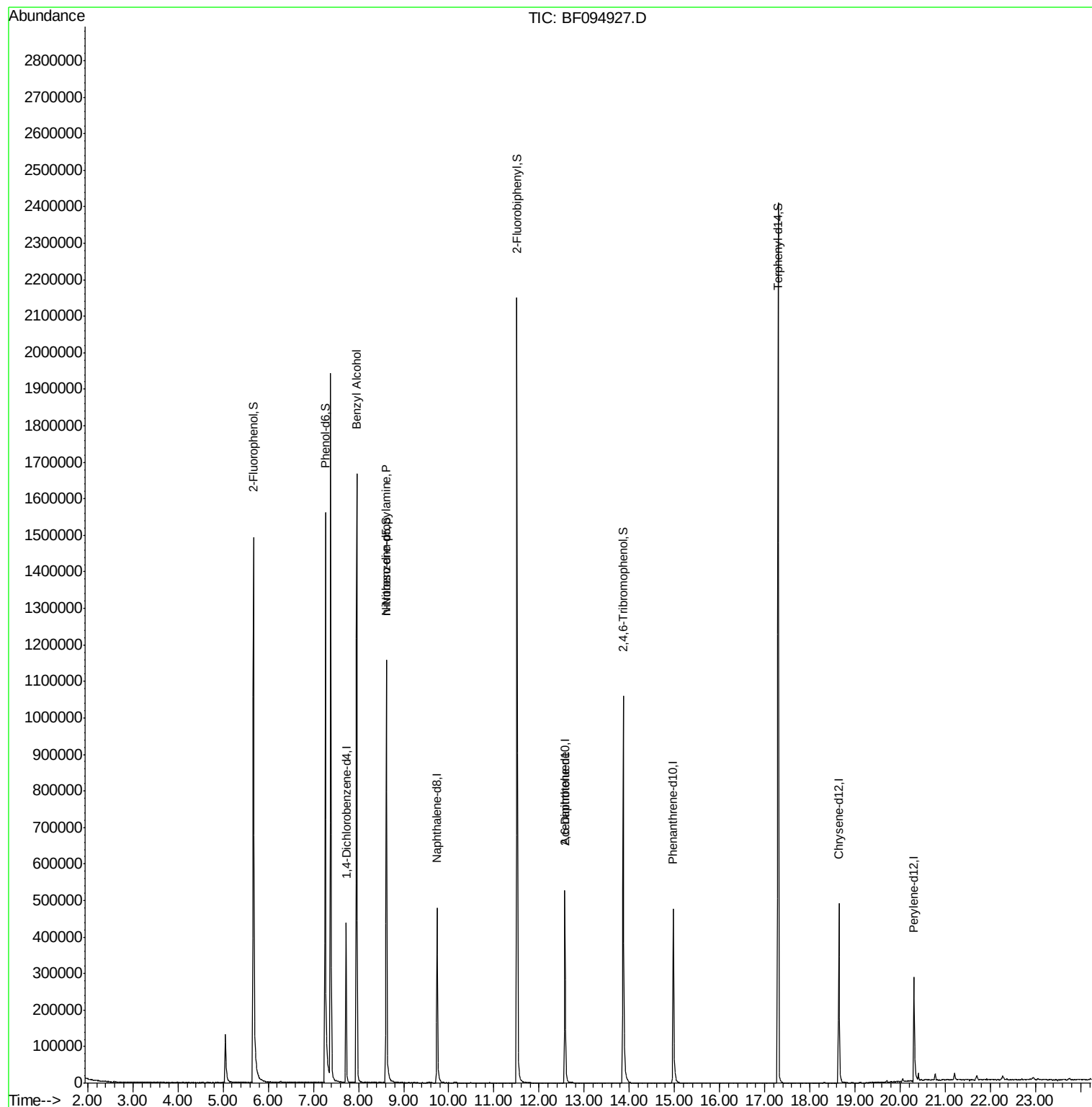
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	94264	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	359855	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	173017	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	331348	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	260129	20.00	ng	-0.01
86) Perylene-d12	20.31	264	164090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	725001	128.23	ng	0.00
7) Phenol-d6	7.27	99	852176	125.62	ng	-0.01
23) Nitrobenzene-d5	8.62	82	513089	89.91	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	204210	144.12	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1042638	86.74	ng	-0.01
78) Terphenyl-d14	17.30	244	958963	81.20	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.96	79	9005	2.06	ng	# 39
19) n-Nitroso-di-n-propylamine	8.62	70	65465	14.27	ng	# 78
50) 2,6-Dinitrotoluene	12.57	165	16438	5.67	ng	# 31

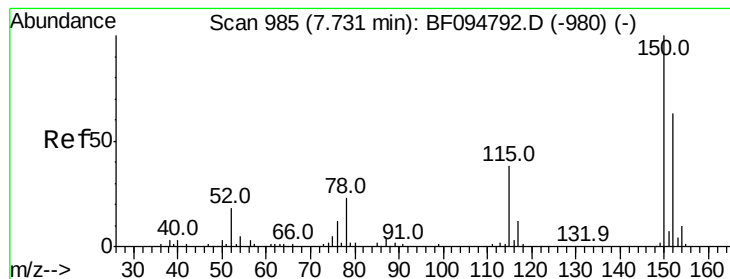
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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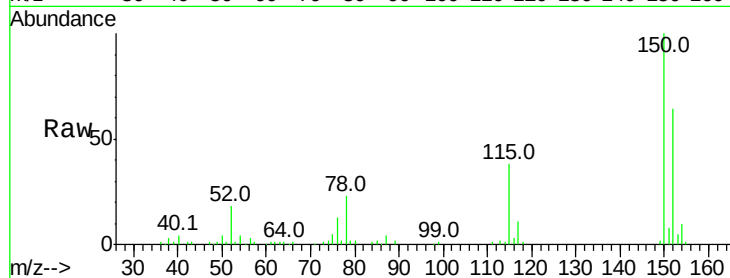


#1

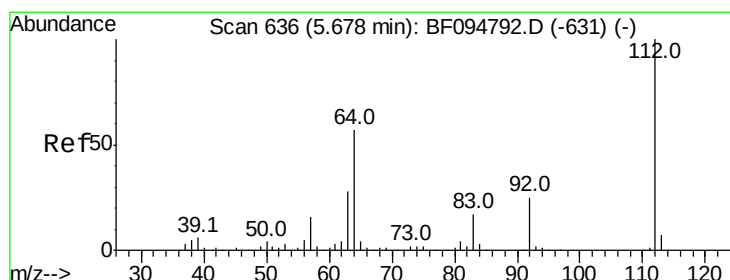
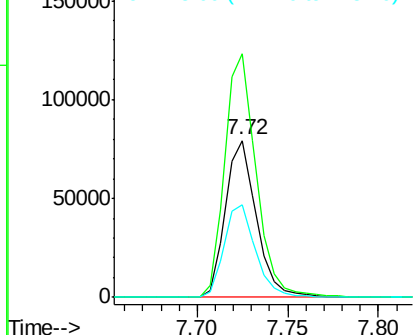
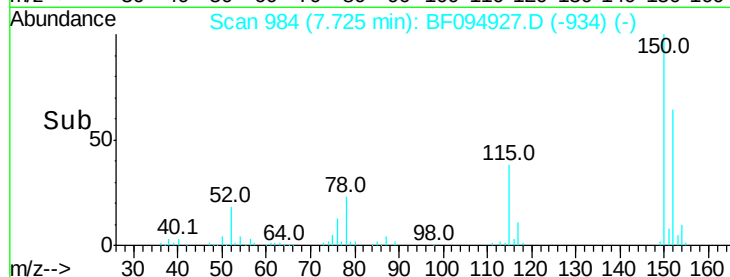
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094927.D
Acq: 5 May 2017 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94264
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.0 52.2 78.2



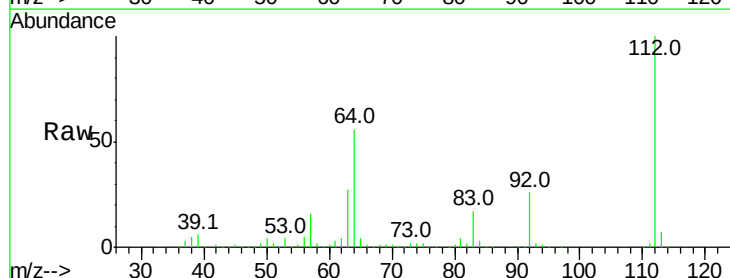
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



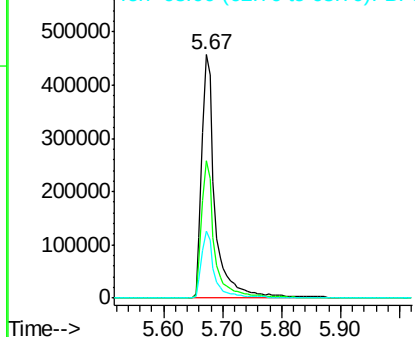
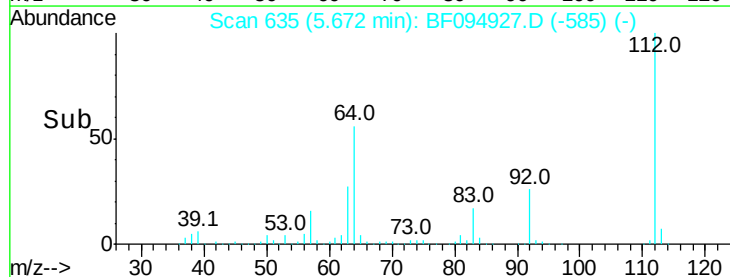
#5

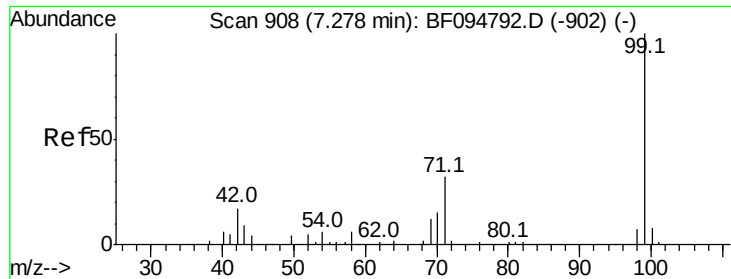
2-Fluorophenol
Concen: 128.23 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094927.D
Acq: 5 May 2017 20:42

Tgt Ion:112 Resp: 725001
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 27.3 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: 125.62 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094927.D

Acq: 5 May 2017 20:42

Instrument :

BNA_F

ClientSampleId :

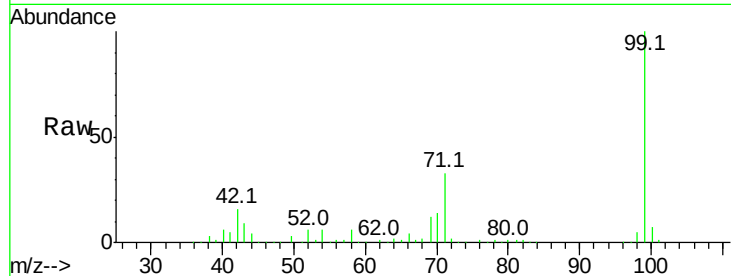
Tot Ion: 99 Resp: 852176

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

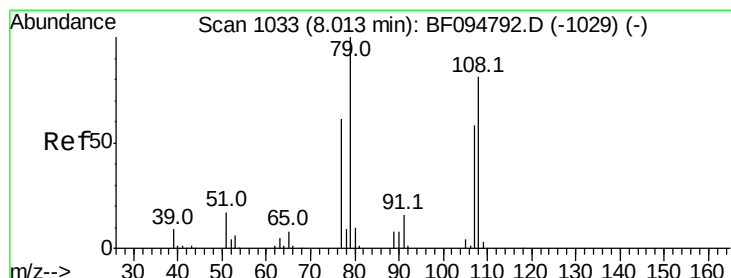
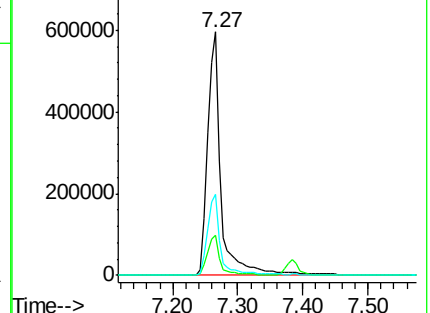
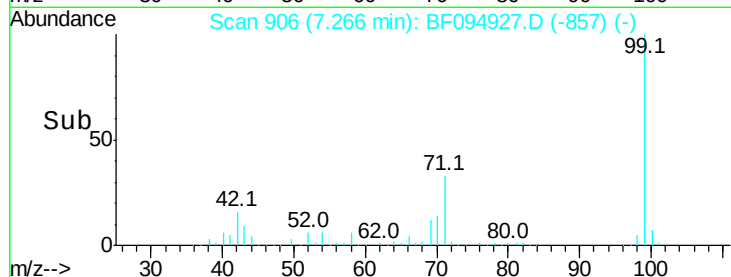
71 33.2 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094927.D

Acq: 5 May 2017 20:42

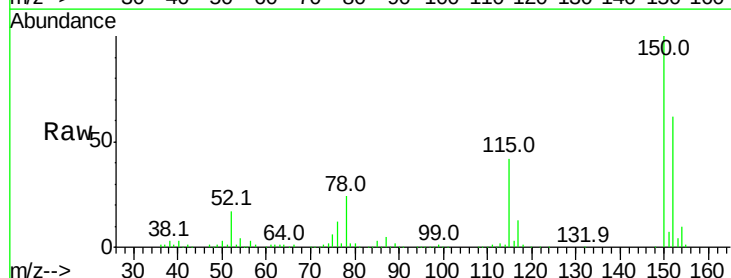
Tgt Ion: 79 Resp: 9005

Ion Ratio Lower Upper

79 100

108 28.6 63.4 95.0#

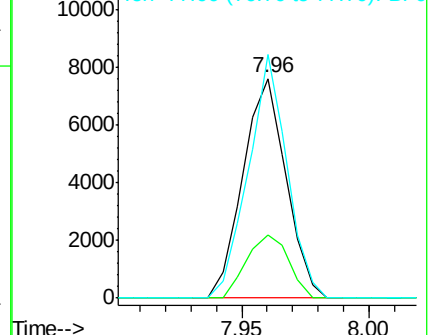
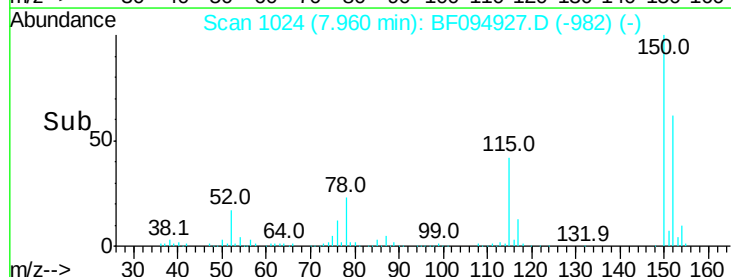
77 110.9 49.2 73.8#

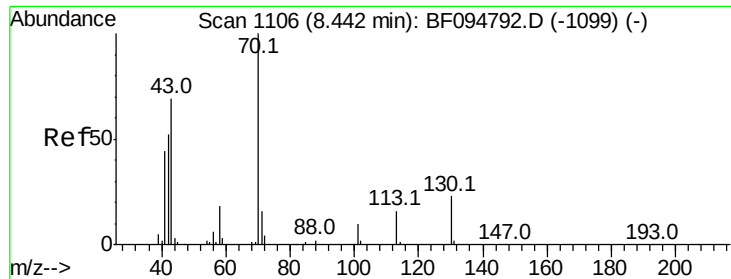


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

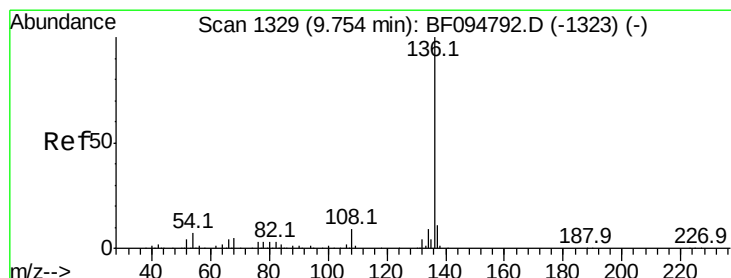
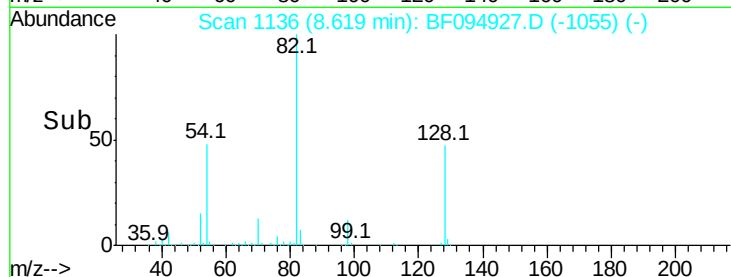
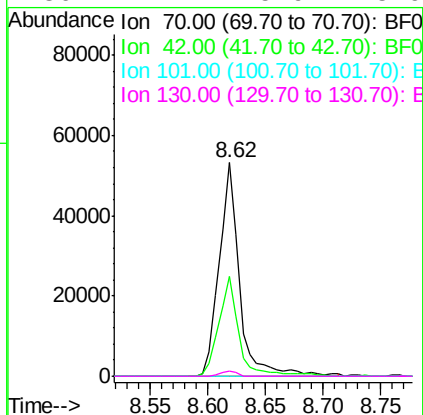
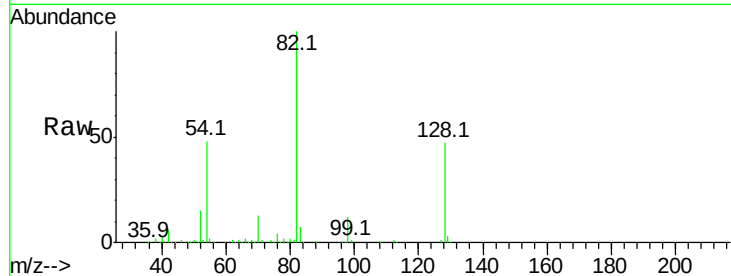




#19
n-Nitroso-di-n-propylamine
Concen: 14.27 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094927.D
Acq: 5 May 2017 20:42

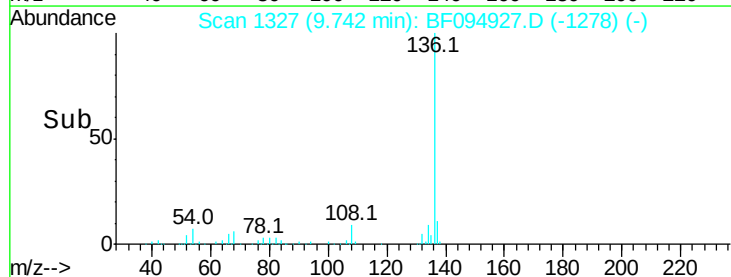
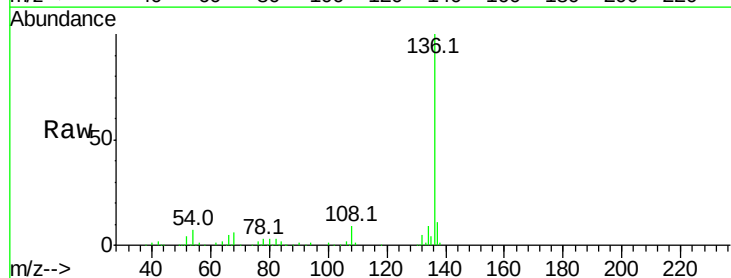
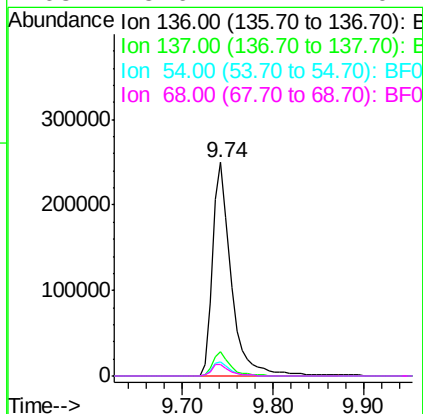
Instrument :
BNA_F
ClientSampleId :

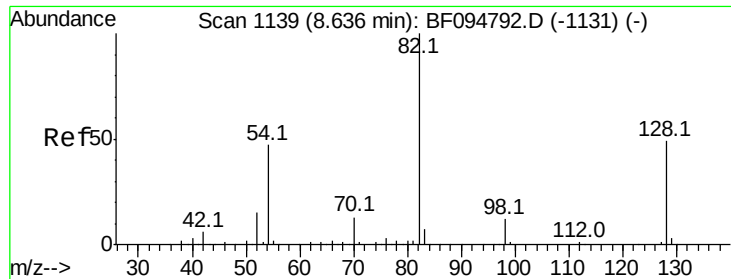
Tot Ion: 70 Resp: 65465
Ion Ratio Lower Upper
70 100
42 46.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094927.D
Acq: 5 May 2017 20:42

Tgt Ion: 136 Resp: 359855
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.9 4.9 7.3
68 5.6 4.1 6.1

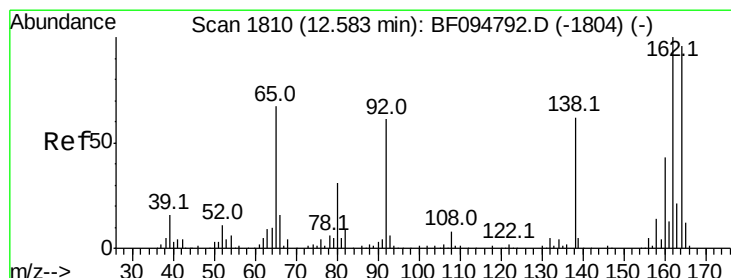
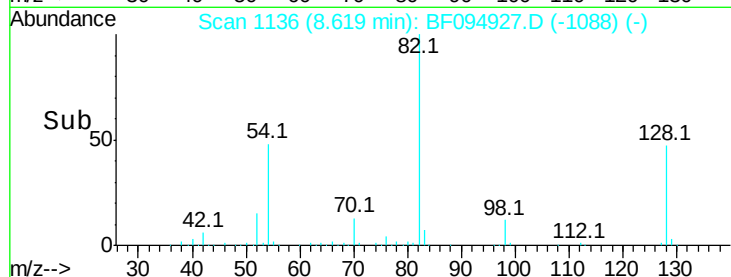
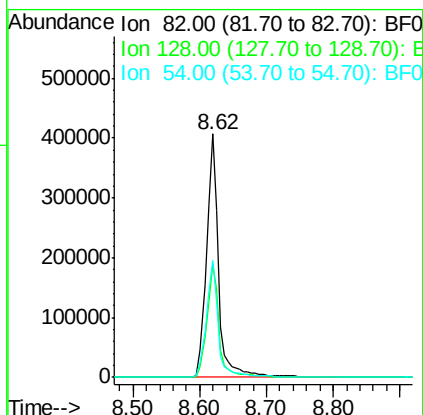
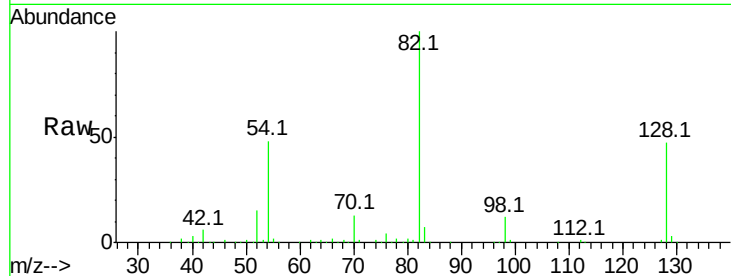




#23
 Nitrobenzene-d5
 Concen: 89.91 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

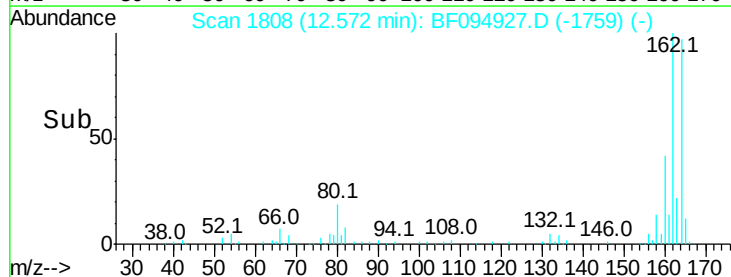
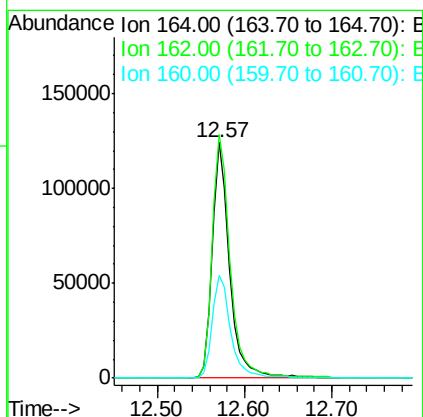
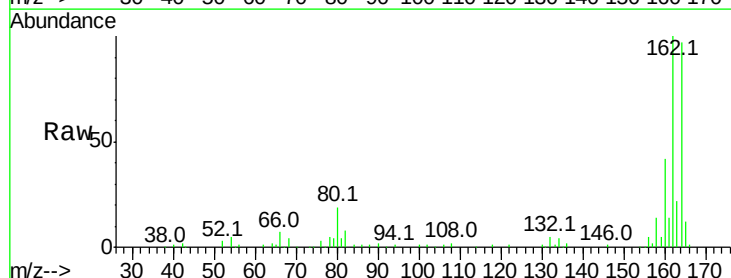
Instrument :
 BNA_F
 ClientSampleId :

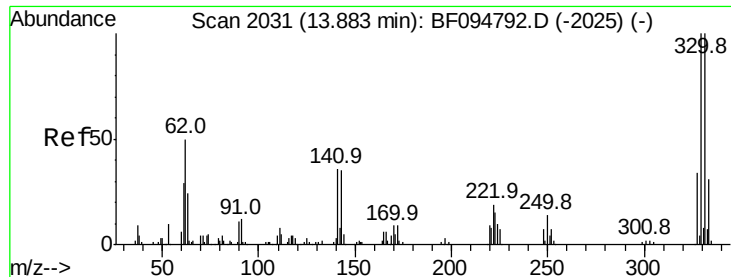
Tot Ion: 82 Resp: 513089
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 48.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

Tgt Ion:164 Resp: 173017
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 43.8 36.2 54.2

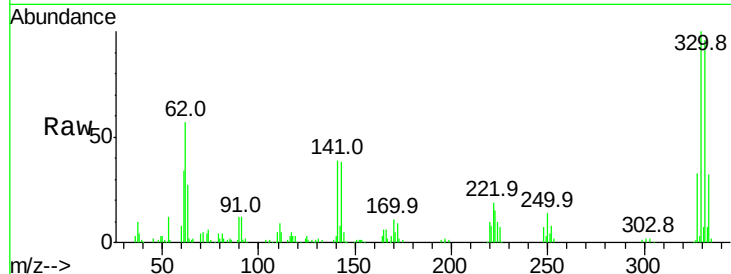




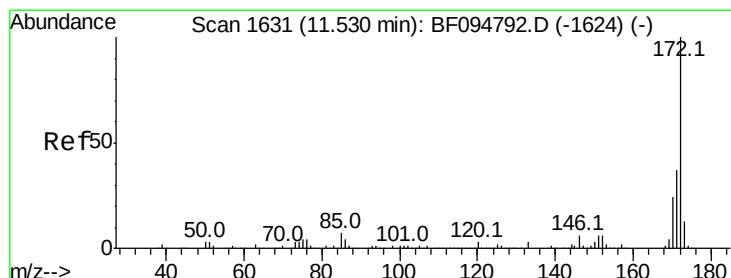
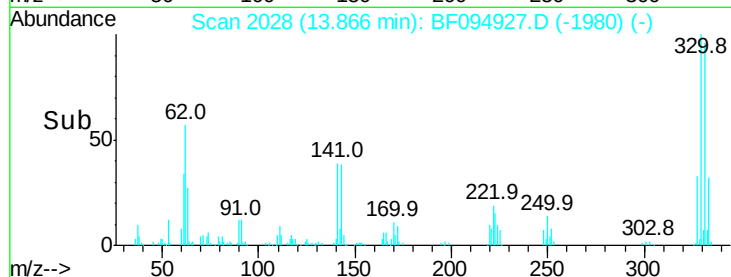
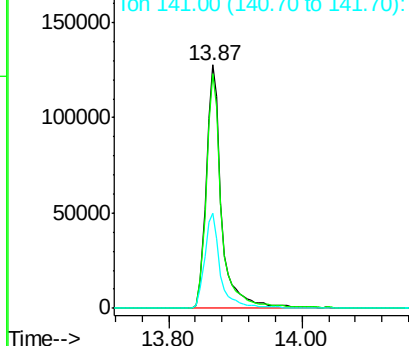
#41
 2,4,6-Tribromophenol
 Concen: 144.12 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.5	31.4	47.2

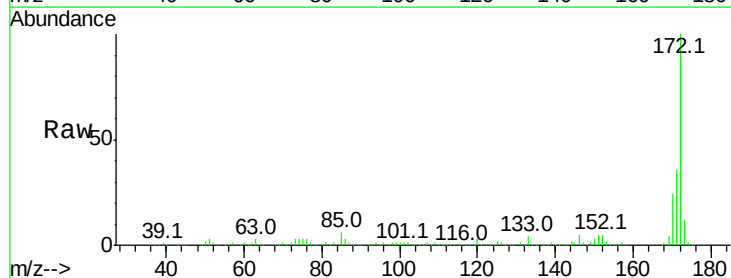


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

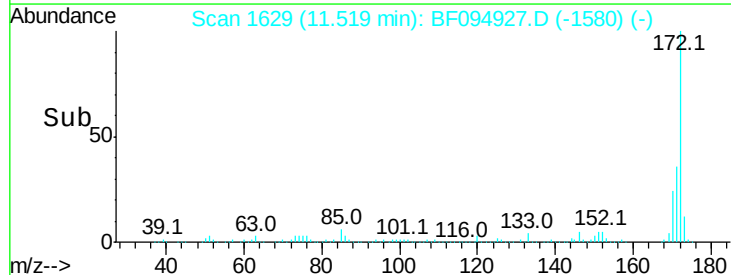
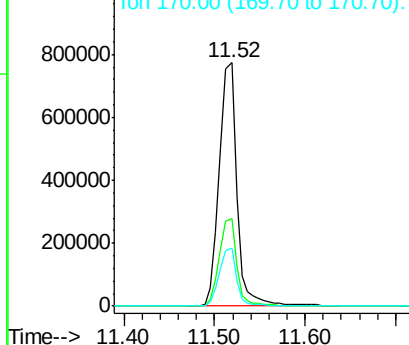


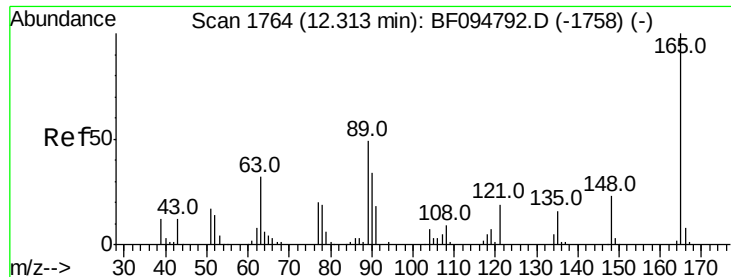
#44
 2-Fluorobiphenyl
 Concen: 86.74 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

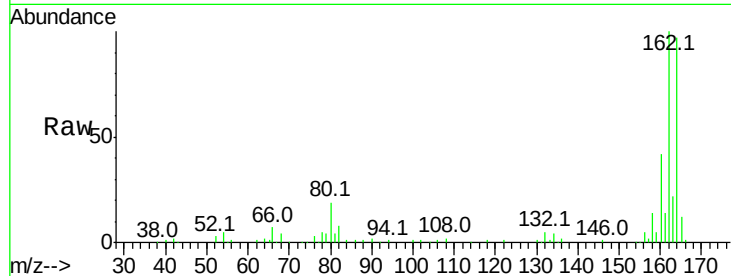




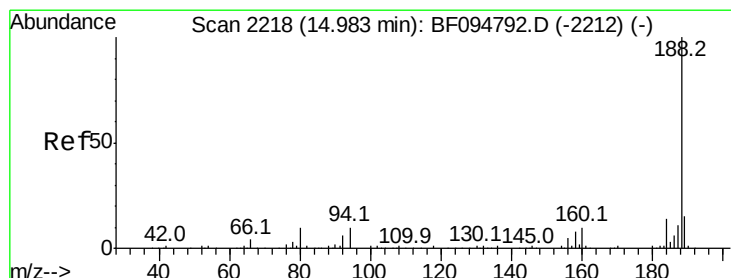
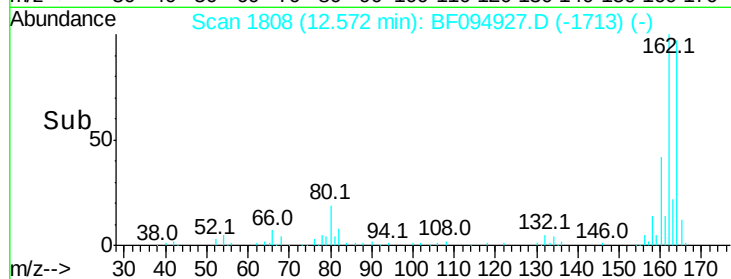
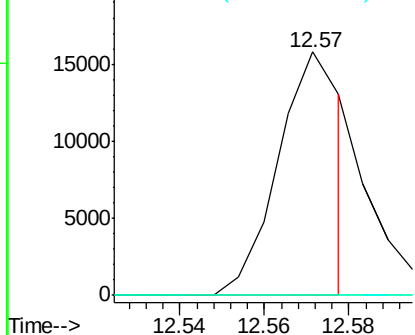
#50
 2,6-Dinitrotoluene
 Concen: 5.67 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16438
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

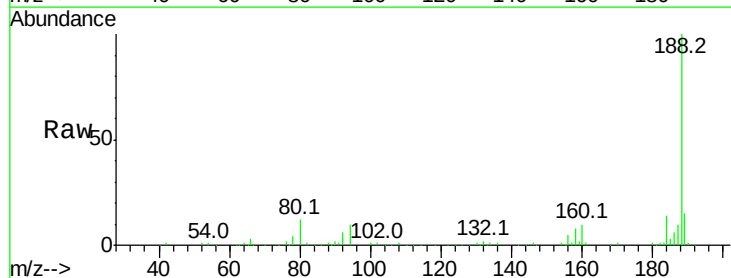


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

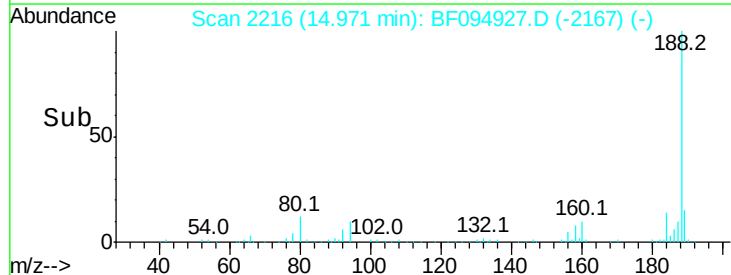
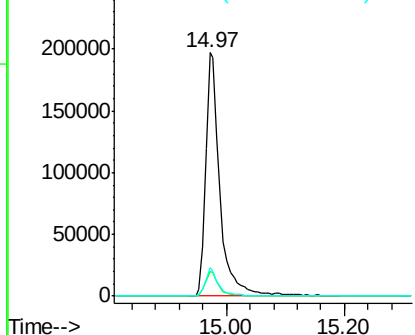


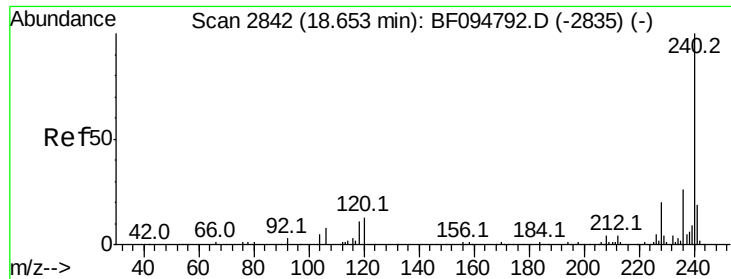
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

Tgt Ion:188 Resp: 331348
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.5 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: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094927.D

Acq: 5 May 2017 20:42

Instrument :

BNA_F

ClientSampled :

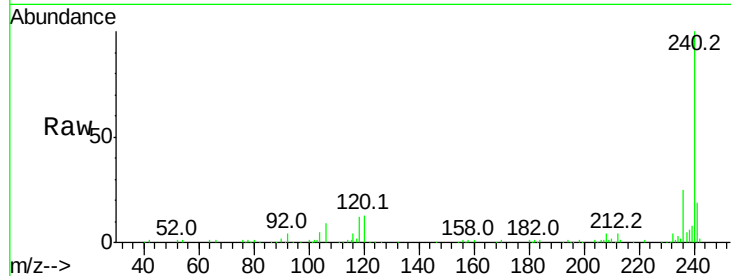
Tot Ion:240 Resp: 260129

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

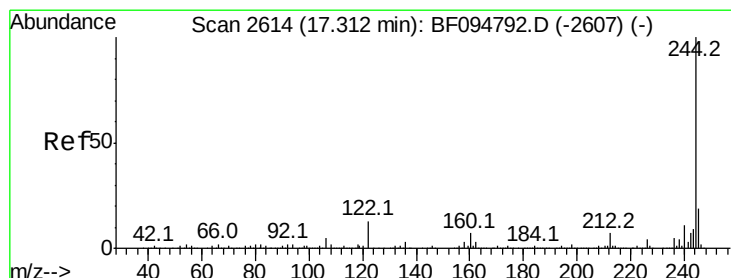
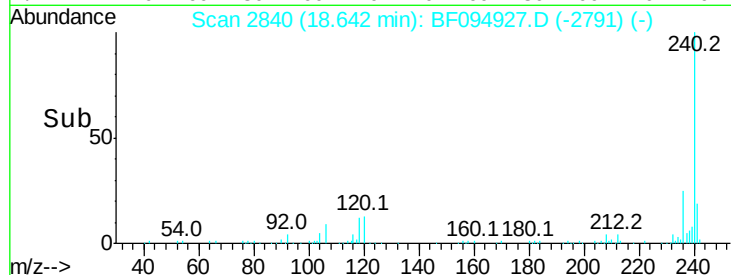
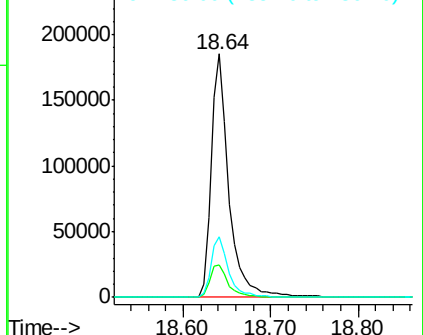
236 24.8 20.5 30.7



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: 81.20 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094927.D

Acq: 5 May 2017 20:42

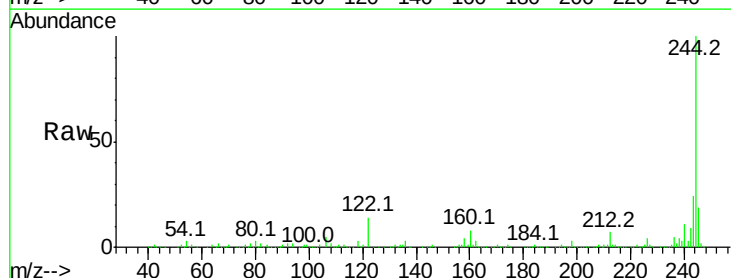
Tgt Ion:244 Resp: 958963

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

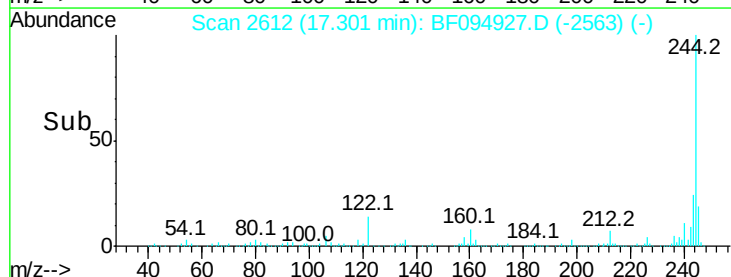
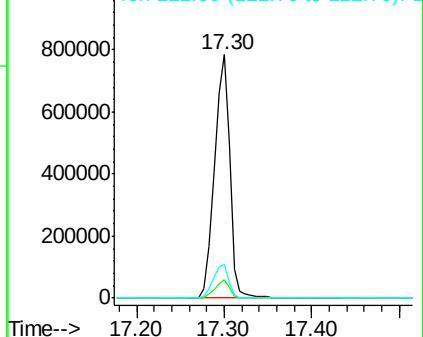
122 13.8 10.3 15.5

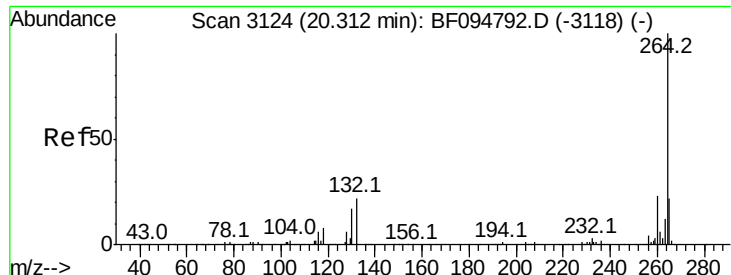


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

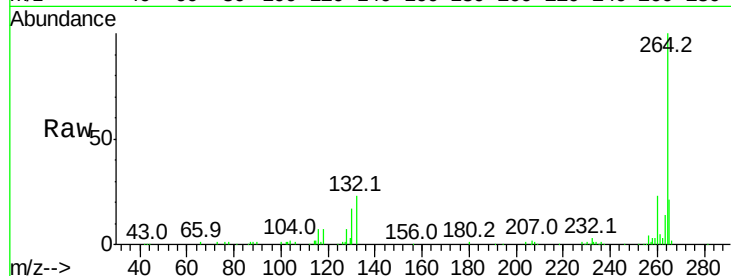




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094927.D
 Acq: 5 May 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.1	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

