

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095190.D
 Acq On : 17 May 2017 17:57
 Operator : SJ/MA
 Sample : PB99021BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:07:50 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

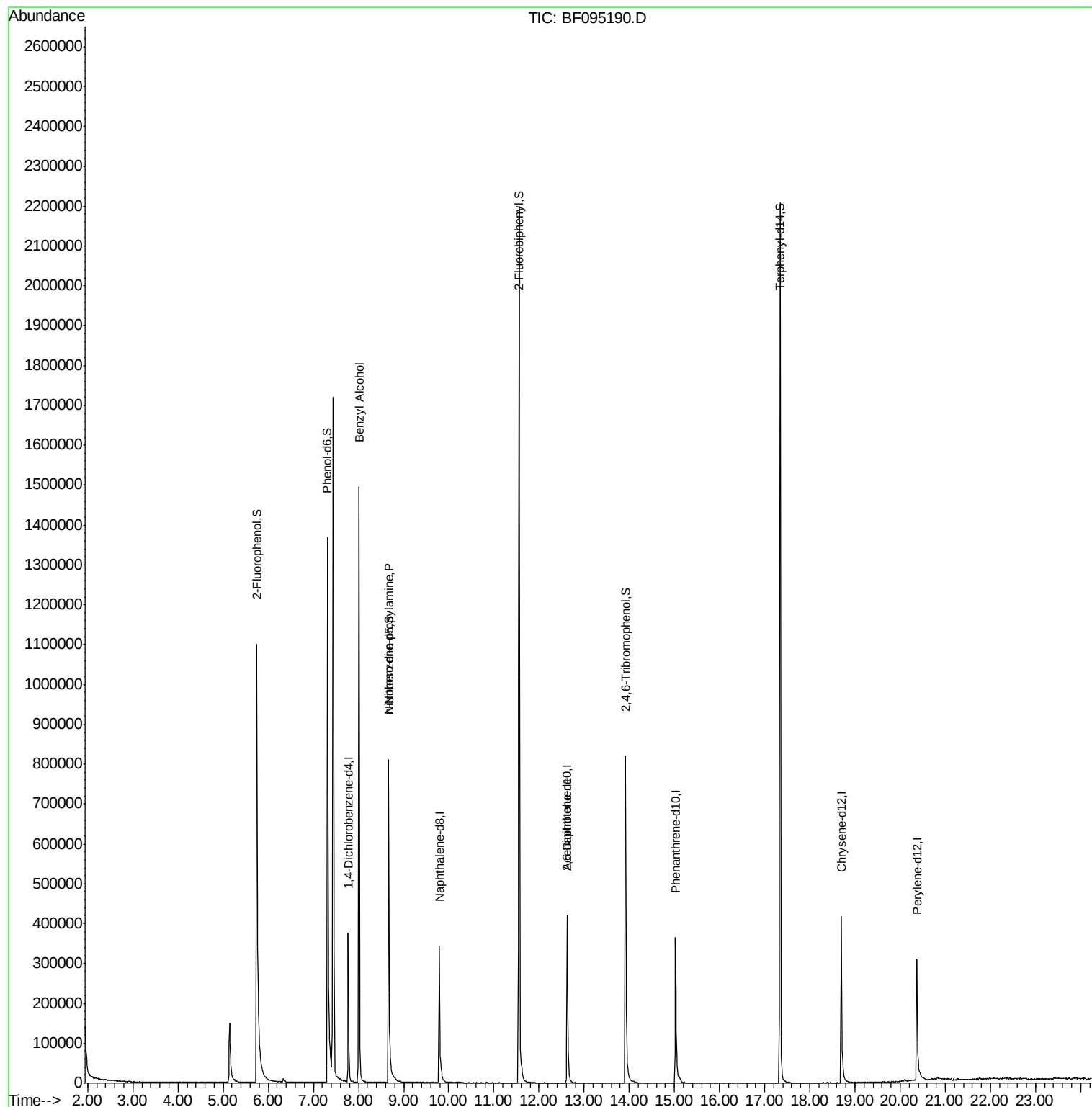
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85026	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	307320	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	160489	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	253987	20.00	ng	0.04
75) Chrysene-d12	18.69	240	253803	20.00	ng	0.04
86) Perylene-d12	20.37	264	196544	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	710045	139.23	ng	0.06
7) Phenol-d6	7.31	99	866128	141.55	ng	0.04
23) Nitrobenzene-d5	8.67	82	453109	92.97	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	171625	130.58	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	1047656	93.96	ng	0.03
78) Terphenyl-d14	17.34	244	955217	82.90	ng	0.03
Target Compounds						
15) Benzyl Alcohol	8.01	79	8451	2.15	ng	# 47
19) n-Nitroso-di-n-propylamine	8.67	70	53711	12.98	ng	# 72
50) 2,6-Dinitrotoluene	12.62	165	11825	4.40	ng	# 31

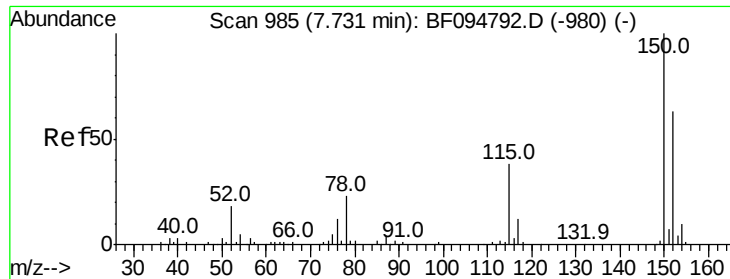
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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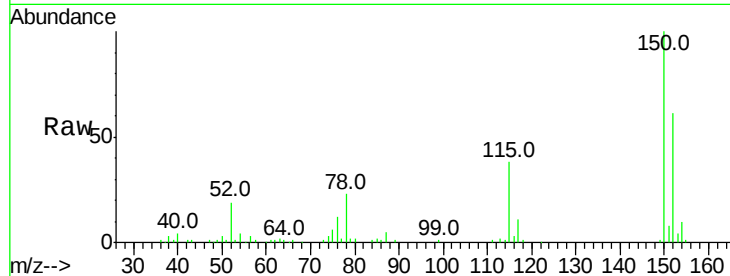


#1

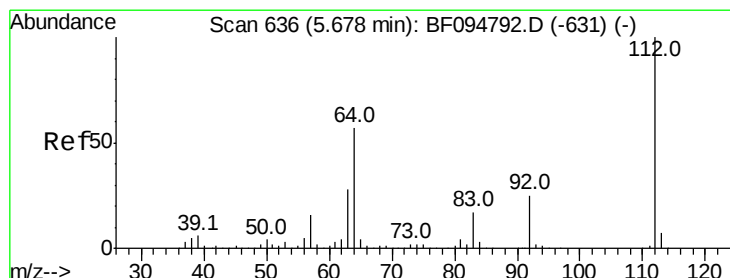
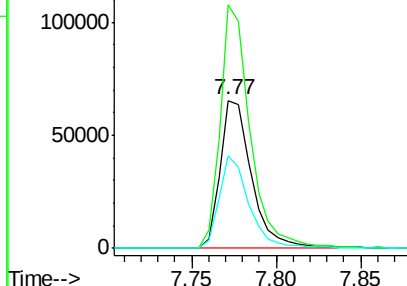
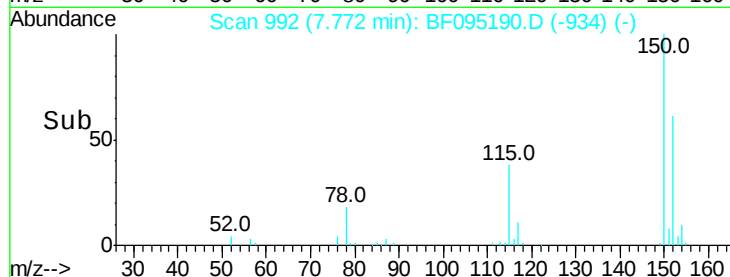
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095190.D
Acq: 17 May 2017 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85026
Ion Ratio Lower Upper
152 100
150 164.7 126.2 189.2
115 62.5 52.2 78.2



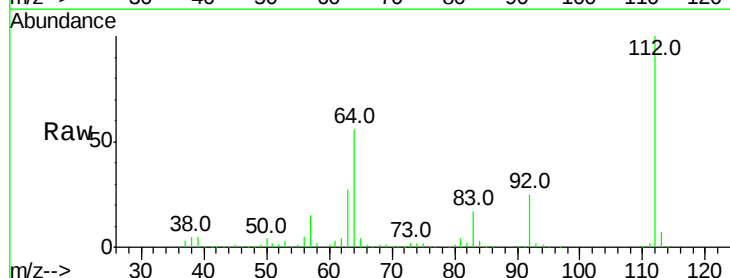
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



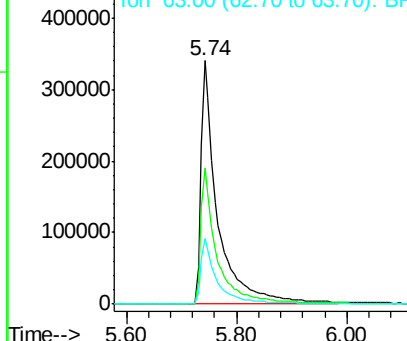
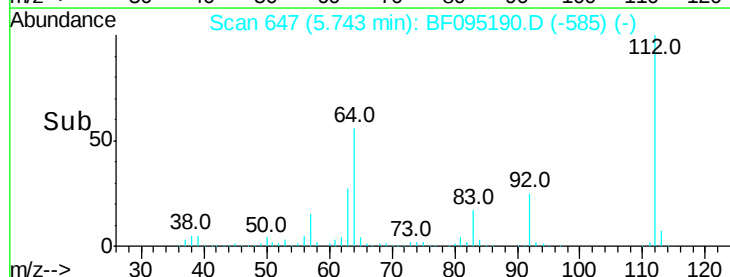
#5

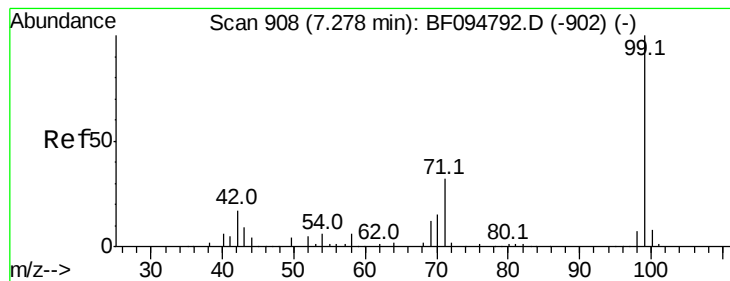
2-Fluorophenol
Concen: 139.23 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095190.D
Acq: 17 May 2017 17:57

Tgt Ion:112 Resp: 710045
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.0 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: 141.55 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

Instrument :

BNA_F

ClientSampleId :

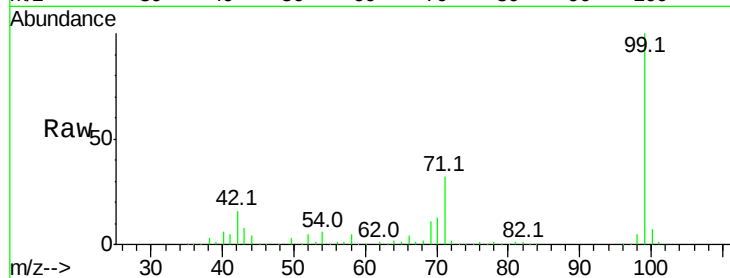
Tot Ion: 99 Resp: 866128

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

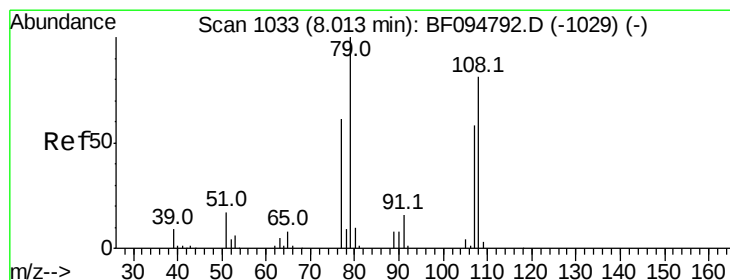
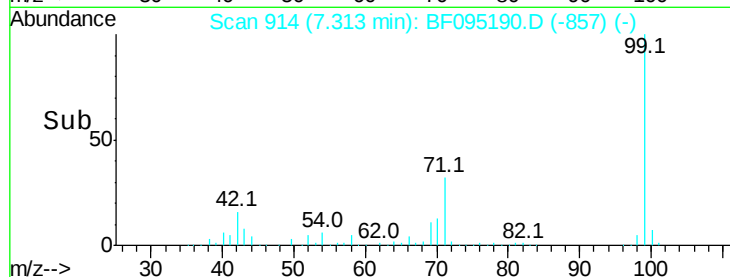
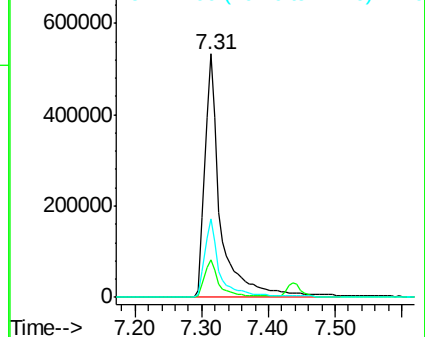
71 32.2 24.5 36.7



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: 2.15 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

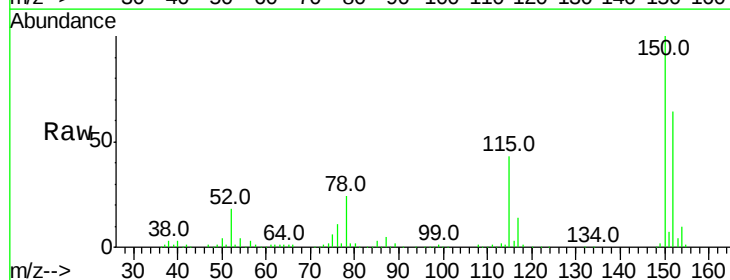
Tgt Ion: 79 Resp: 8451

Ion Ratio Lower Upper

79 100

108 28.2 63.4 95.0#

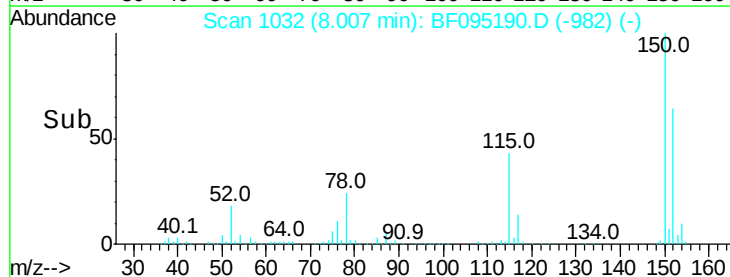
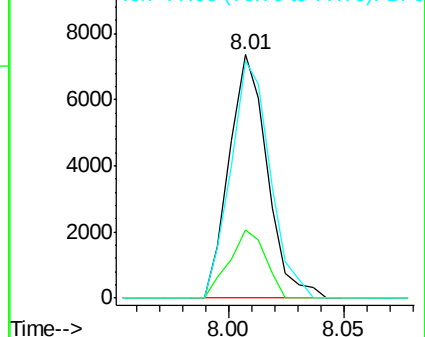
77 97.5 49.2 73.8#

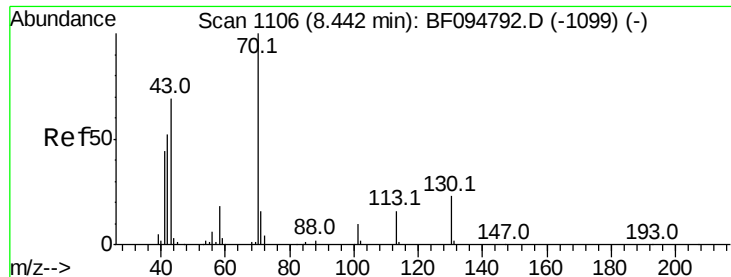


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

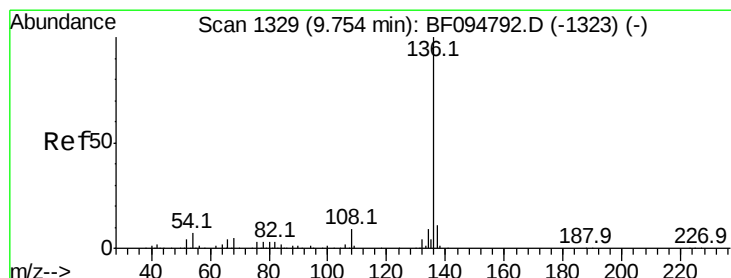
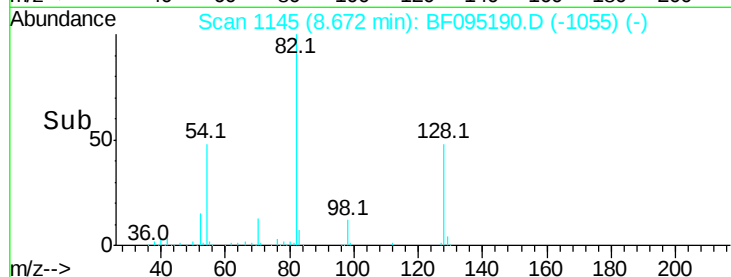
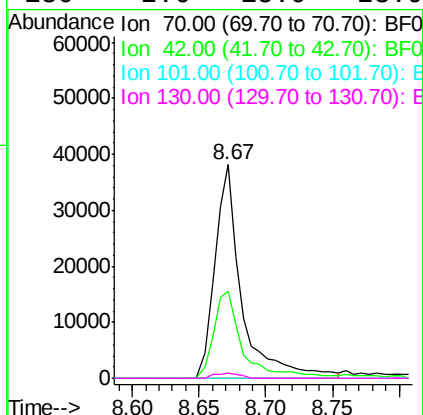
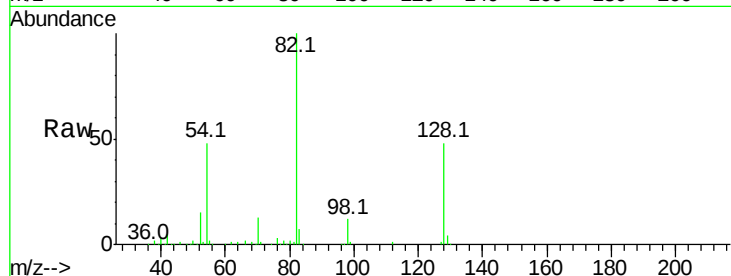




#19
n-Nitroso-di-n-propylamine
Concen: 12.98 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095190.D
Acq: 17 May 2017 17:57

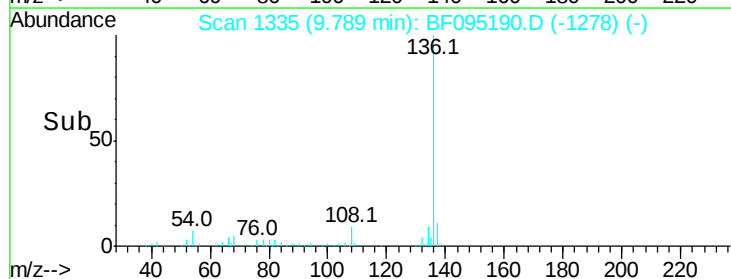
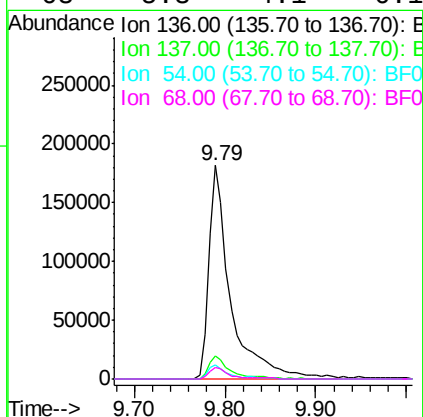
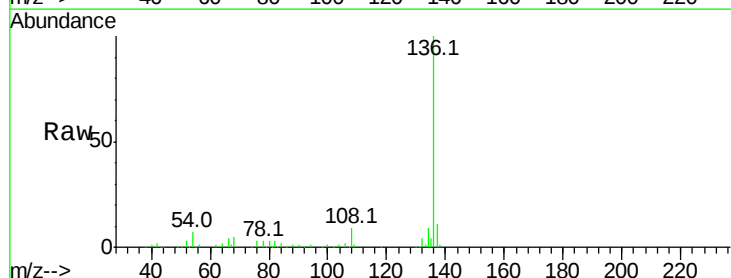
Instrument :
BNA_F
ClientSampleId :

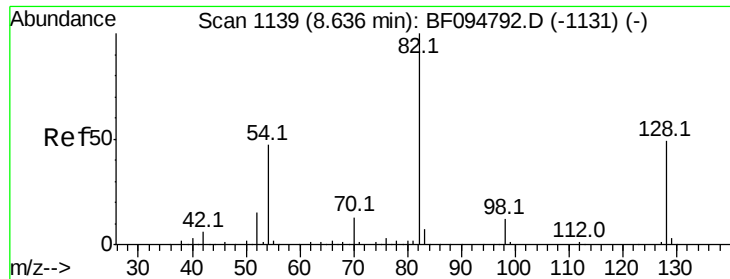
Tot Ion: 70 Resp: 53711
Ion Ratio Lower Upper
70 100
42 40.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095190.D
Acq: 17 May 2017 17:57

Tgt Ion:136 Resp: 307320
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.8 4.9 7.3
68 5.3 4.1 6.1

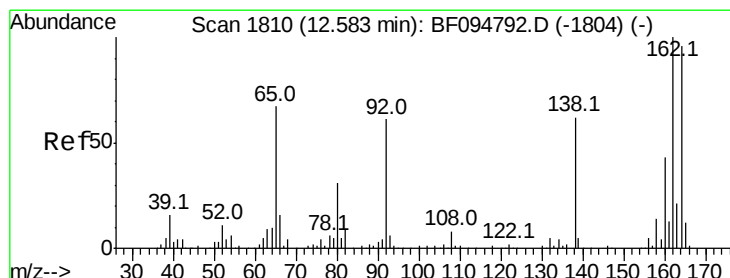
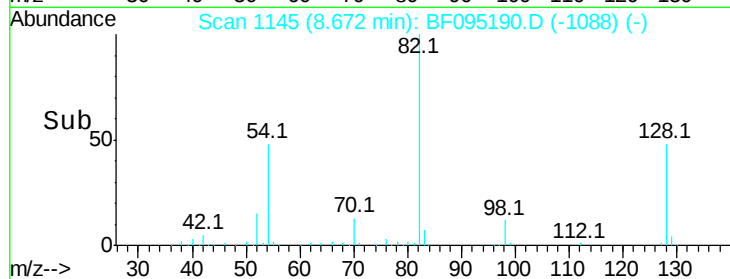
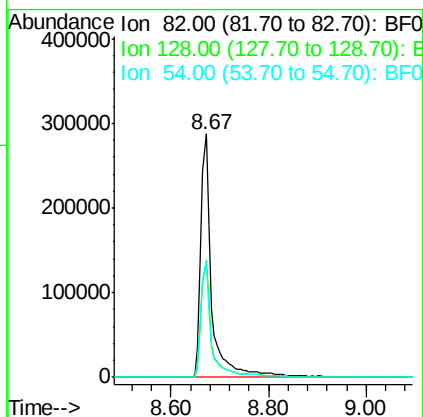
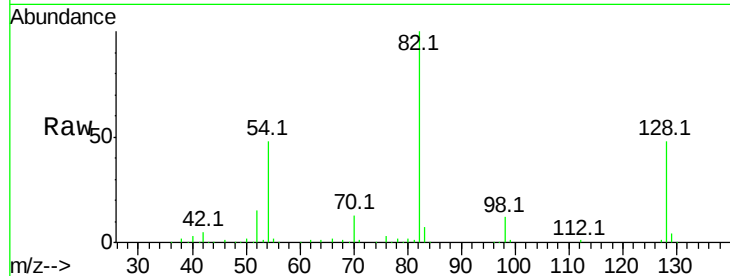




#23
 Nitrobenzene-d5
 Concen: 92.97 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.04 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

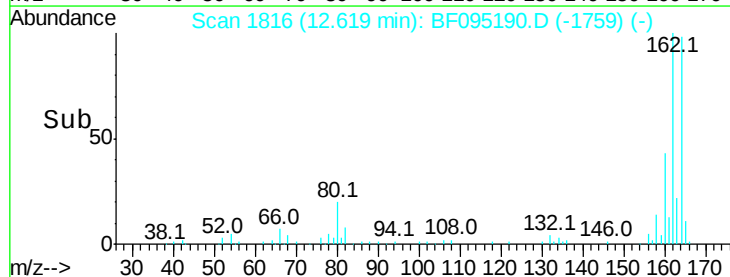
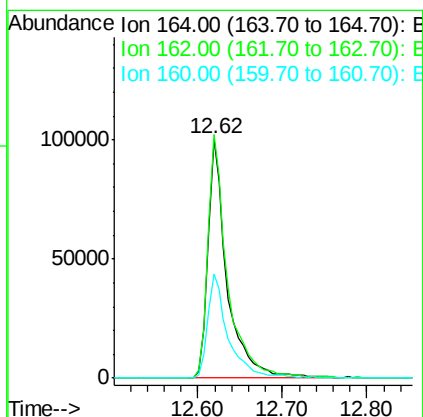
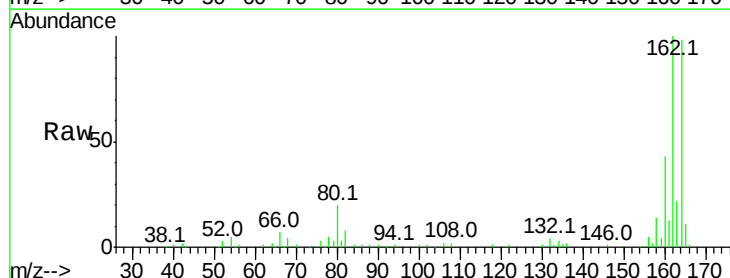
Instrument :
 BNA_F
 ClientSampleId :

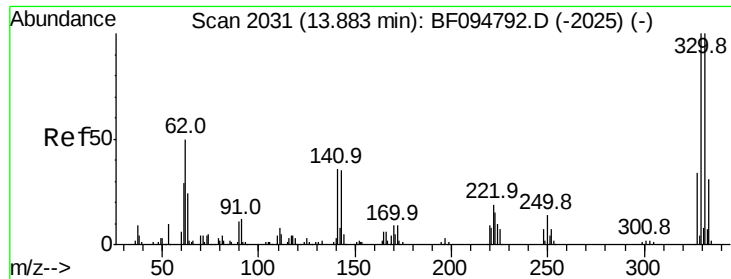
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	47.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.04 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	43.5	36.2	54.2

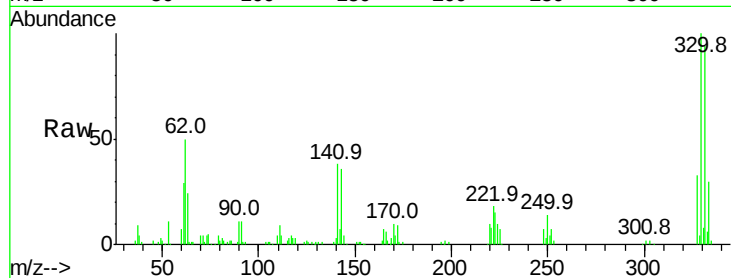




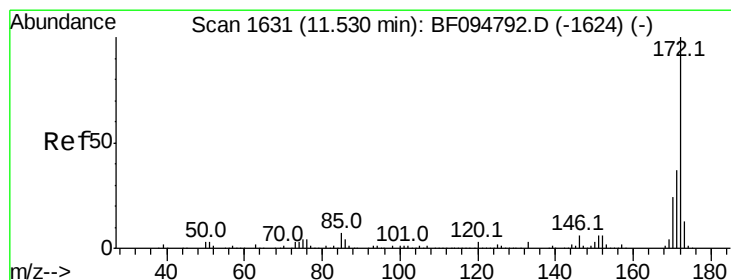
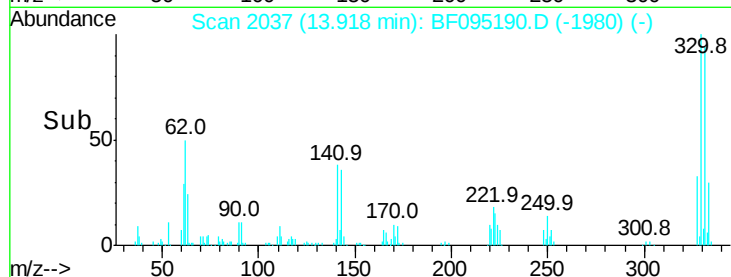
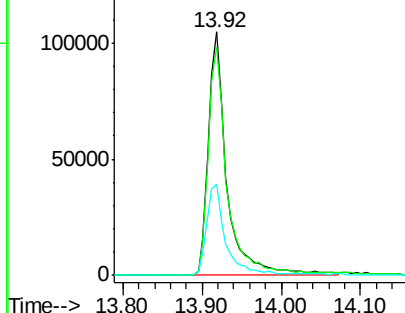
#41
 2,4,6-Tribromophenol
 Concen: 130.58 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 171625
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.3 31.4 47.2

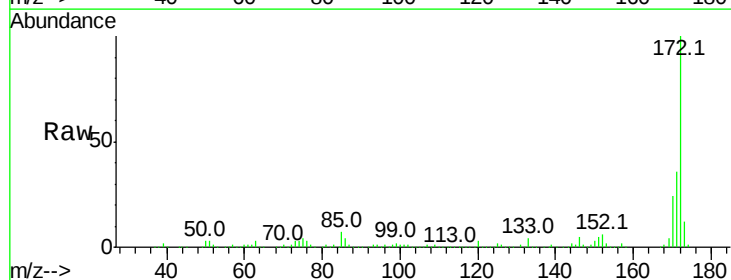


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

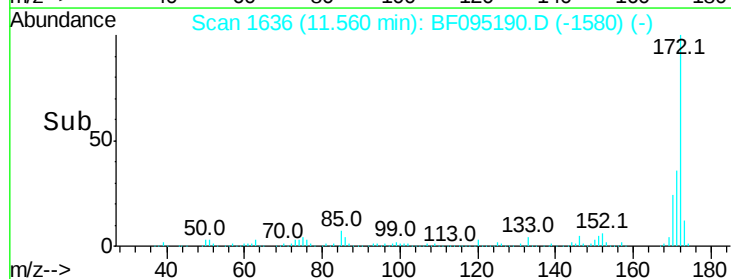
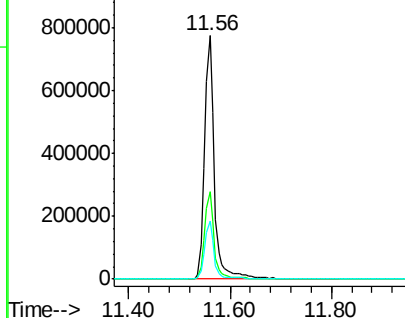


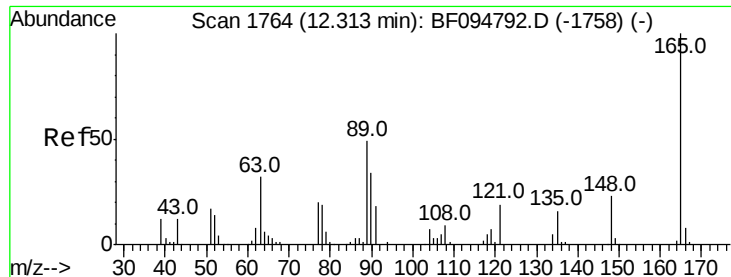
#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Tgt Ion:172 Resp: 1047656
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 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

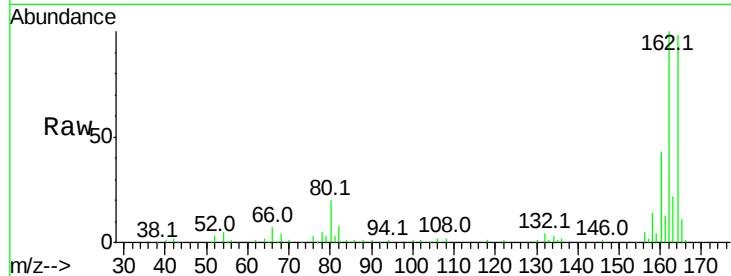




#50
 2,6-Dinitrotoluene
 Concen: 4.40 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.31 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

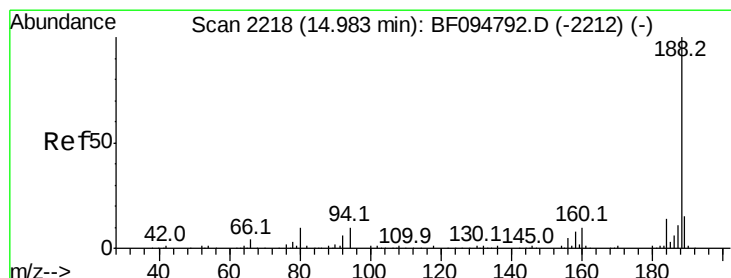
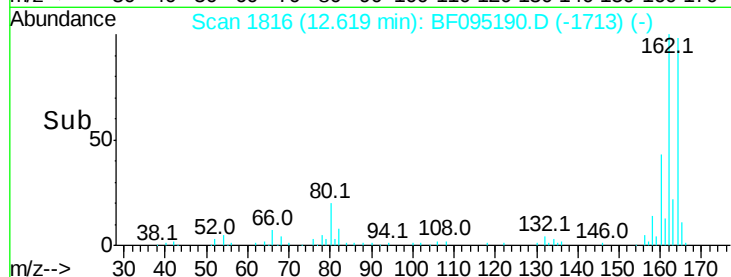
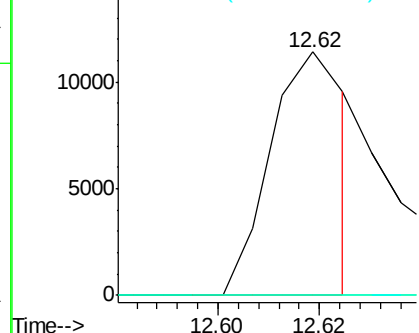
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

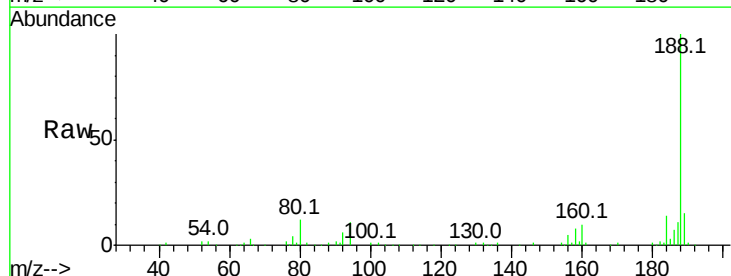
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

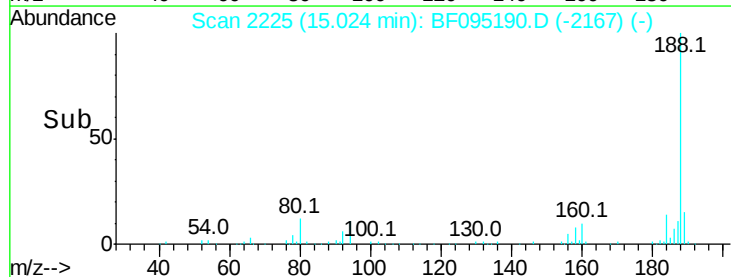
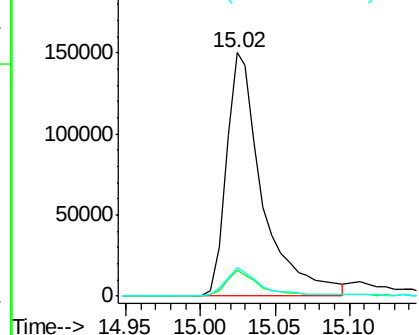
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.6	10.2	15.2

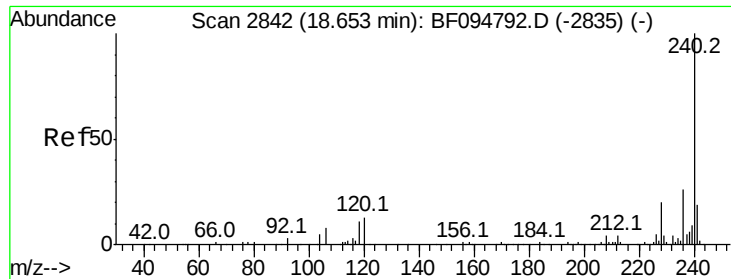


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

Instrument :

BNA_F

ClientSampleId :

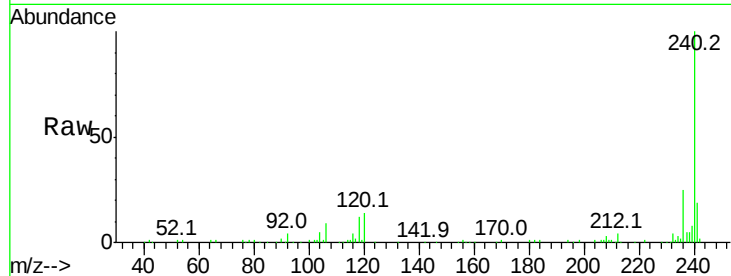
Tot Ion:240 Resp: 253803

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

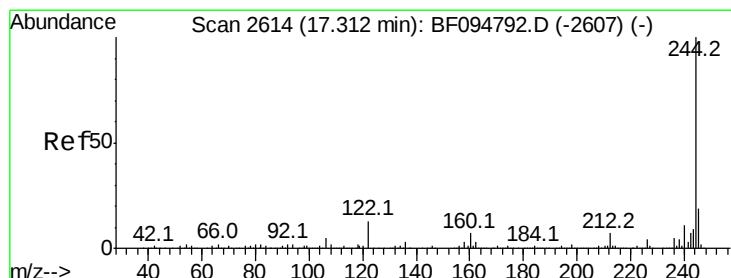
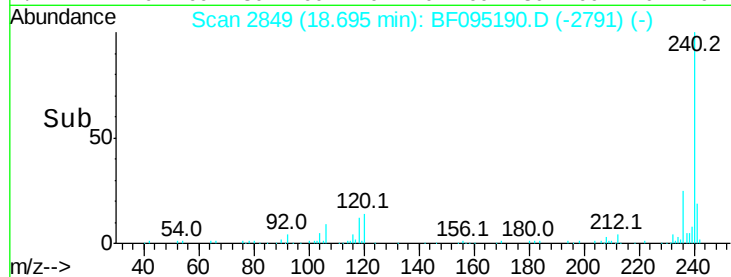
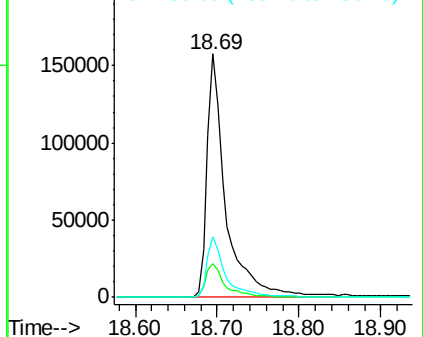
236 24.8 20.5 30.7



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: 82.90 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

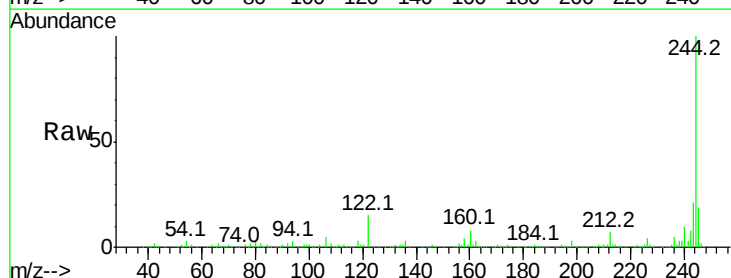
Tgt Ion:244 Resp: 955217

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

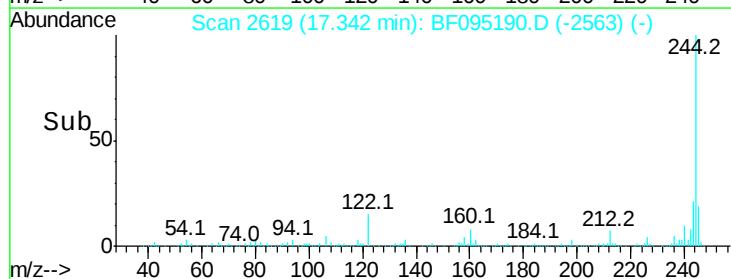
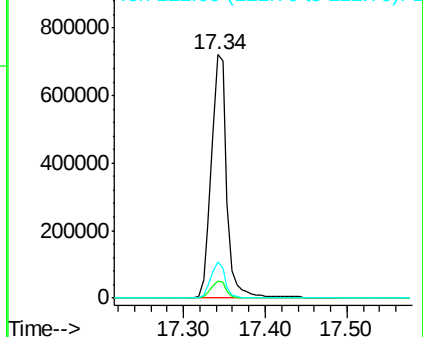
122 14.9 10.3 15.5

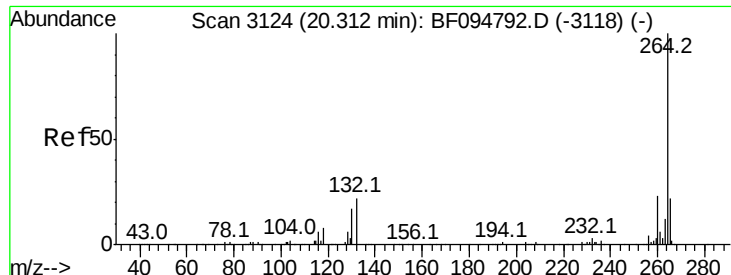


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

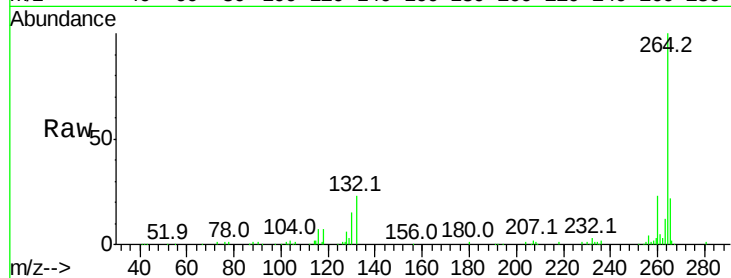




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.1	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

