

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095029.D
 Acq On : 9 May 2017 19:04
 Operator : SJ/MA
 Sample : I3014-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:15:07 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

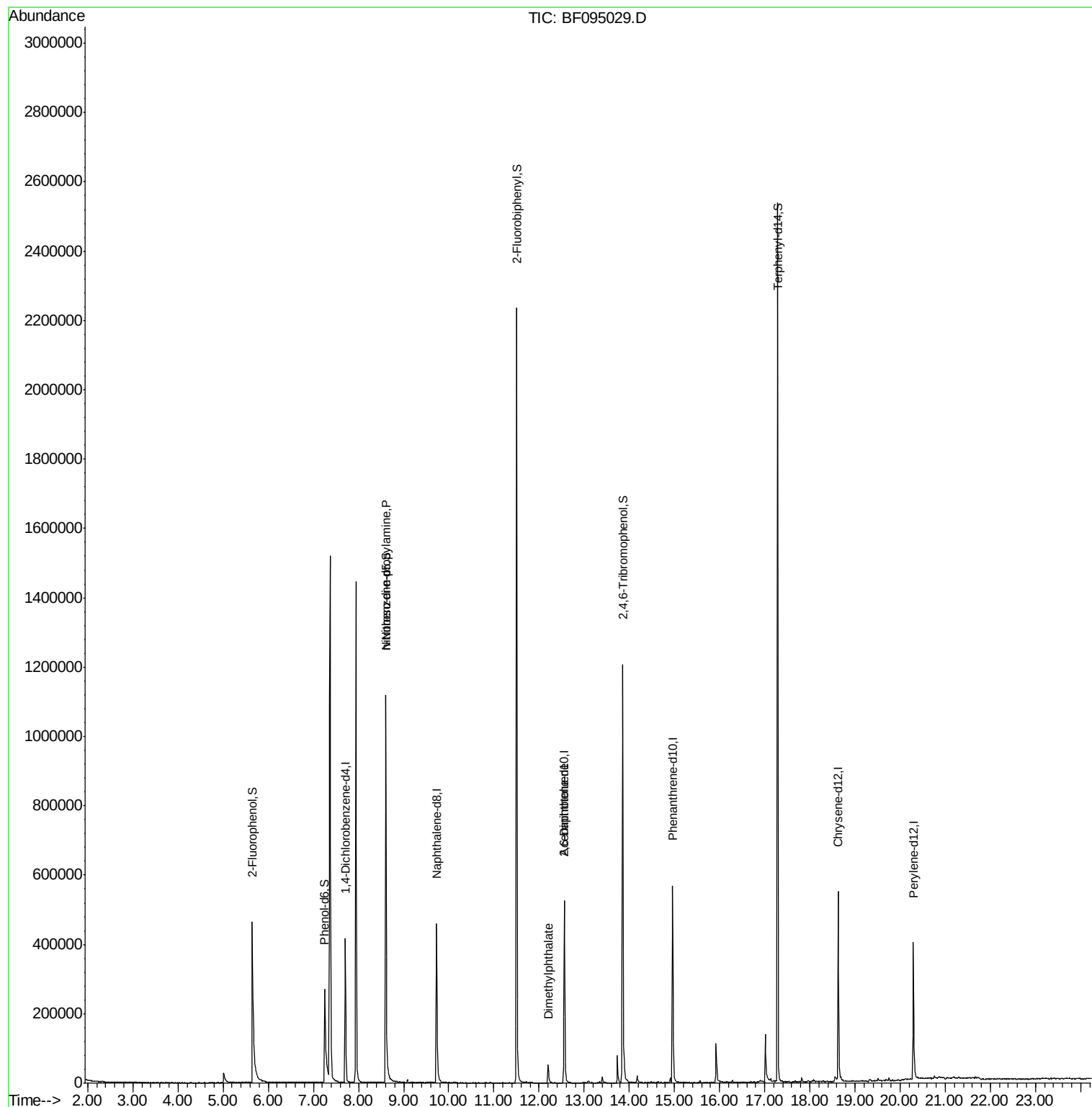
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	91548	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	356891	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	164610	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	314263	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	276127	20.00	ng	-0.02
86) Perylene-d12	20.29	264	202805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	322004	58.64	ng	-0.02
7) Phenol-d6	7.25	99	256192	38.89	ng	-0.03
23) Nitrobenzene-d5	8.61	82	563052	99.48	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	210316	156.01	ng	-0.03
44) 2-Fluorobiphenyl	11.51	172	1031601	90.20	ng	-0.02
78) Terphenyl-d14	17.29	244	1006822	80.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	71936	16.14	ng	# 75
49) Dimethylphthalate	12.20	163	41795	3.09	ng	100
50) 2,6-Dinitrotoluene	12.56	165	17020	6.17	ng	# 31

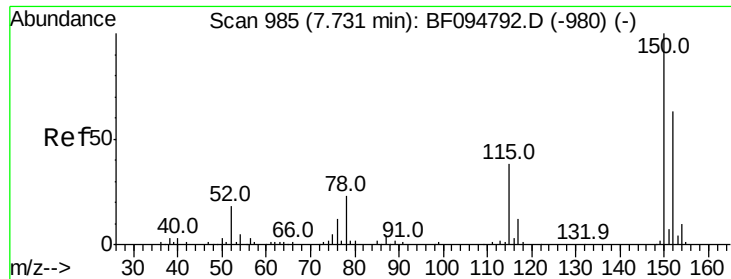
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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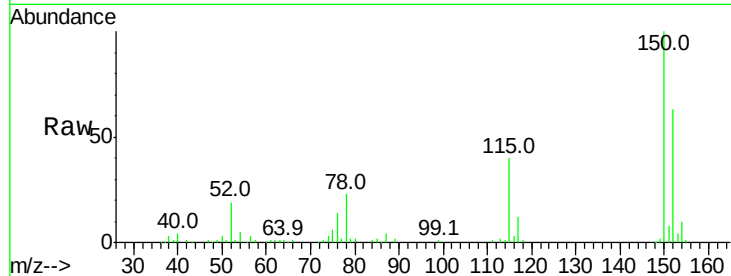


#1

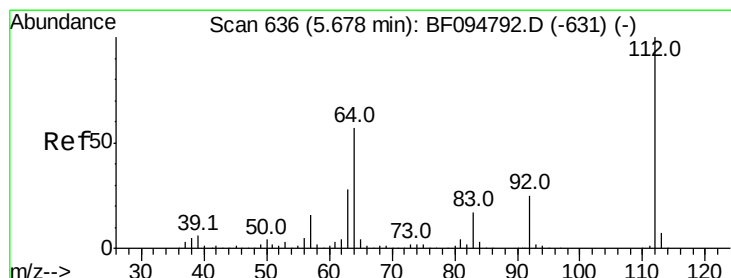
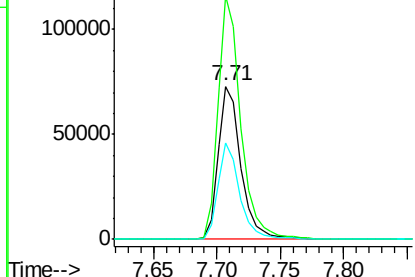
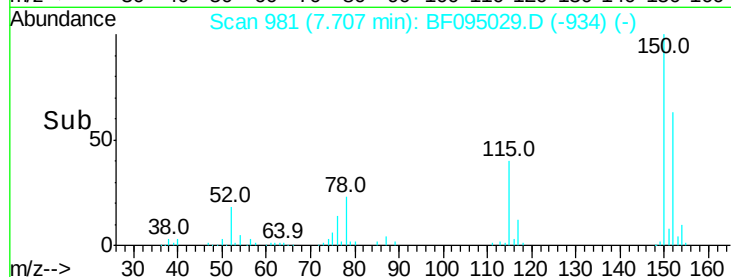
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095029.D
Acq: 9 May 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91548
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 62.8 52.2 78.2



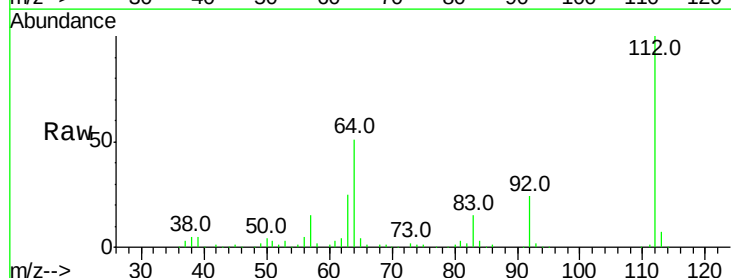
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



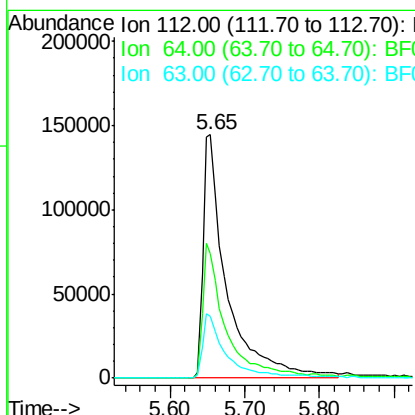
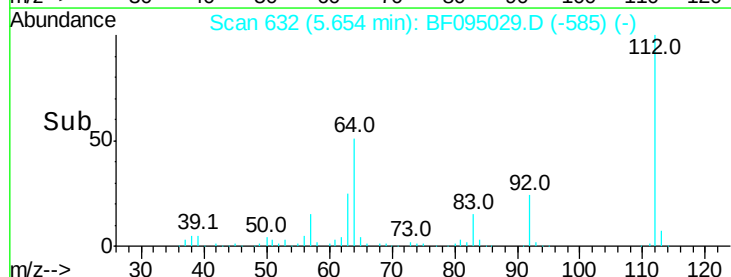
#5

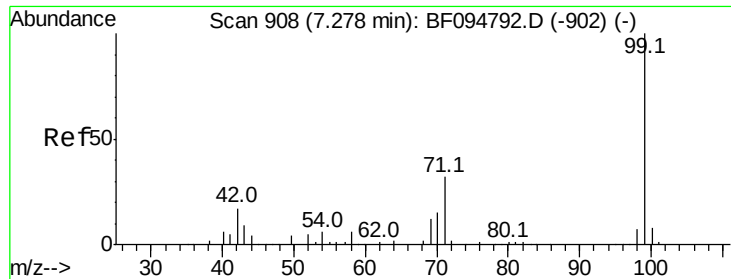
2-Fluorophenol
Concen: 58.64 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095029.D
Acq: 9 May 2017 19:04

Tgt Ion:112 Resp: 322004
Ion Ratio Lower Upper
112 100
64 51.4 46.0 69.0
63 25.3 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: 38.89 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

Instrument :

BNA_F

ClientSampled :

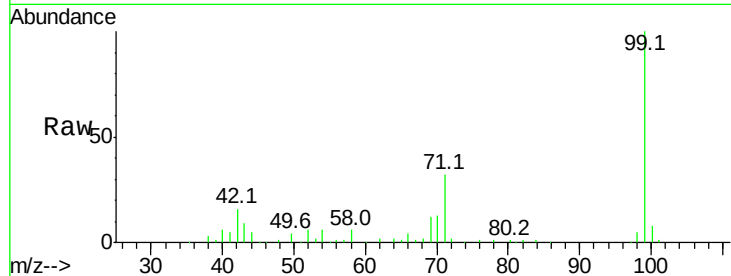
Tot Ion: 99 Resp: 256192

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

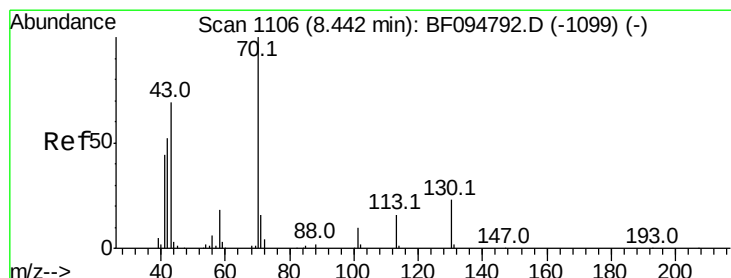
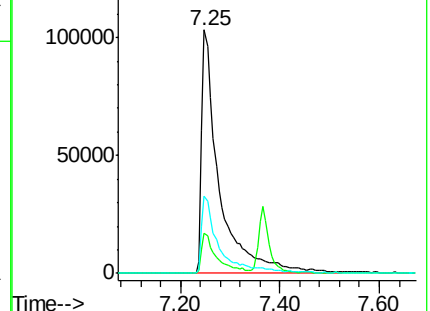
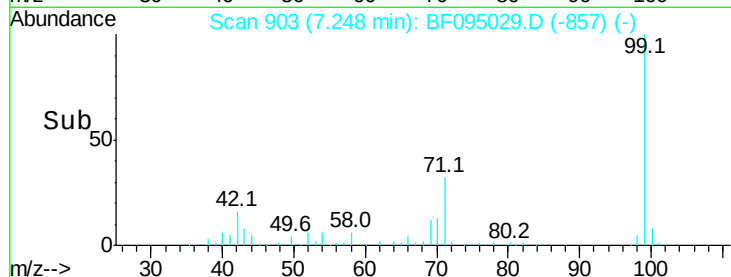
71 31.8 24.5 36.7



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: 16.14 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

Tgt Ion: 70 Resp: 71936

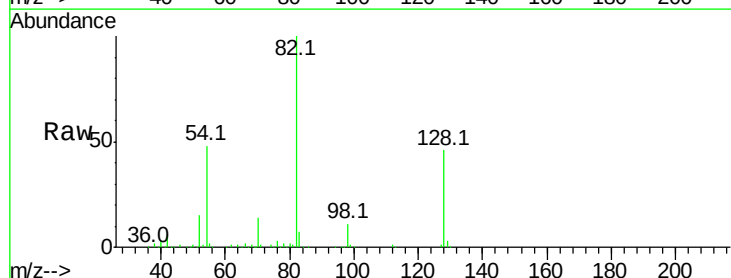
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

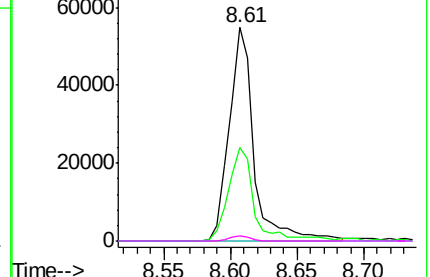
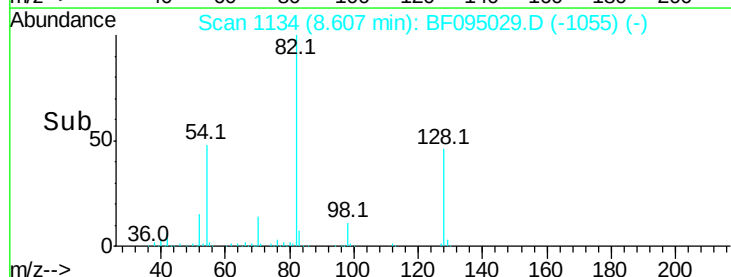


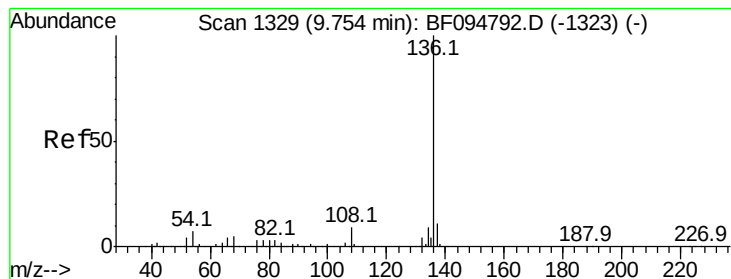
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 356891

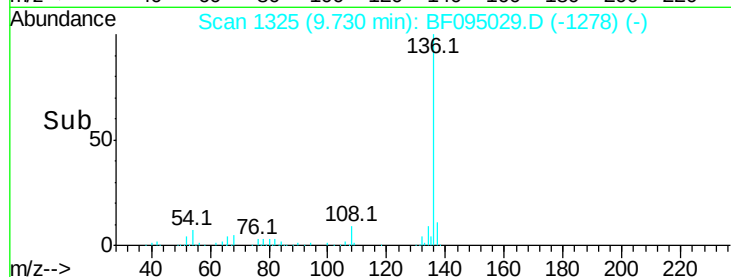
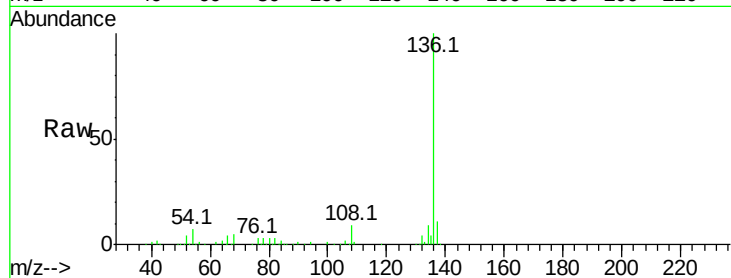
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

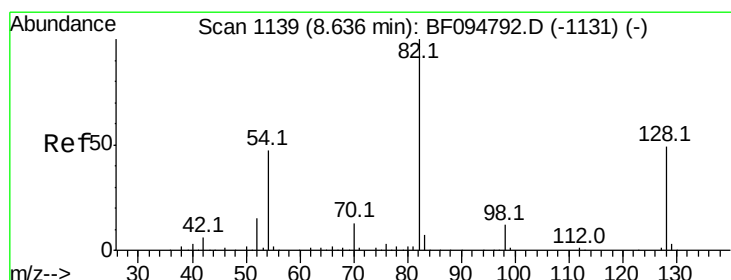
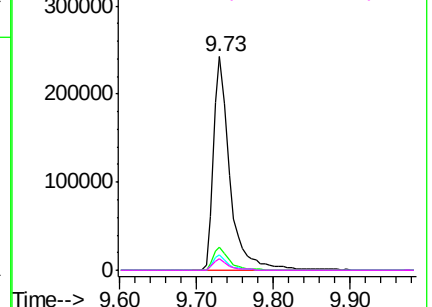


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.48 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

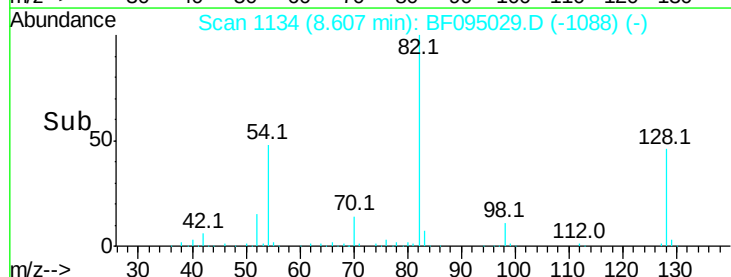
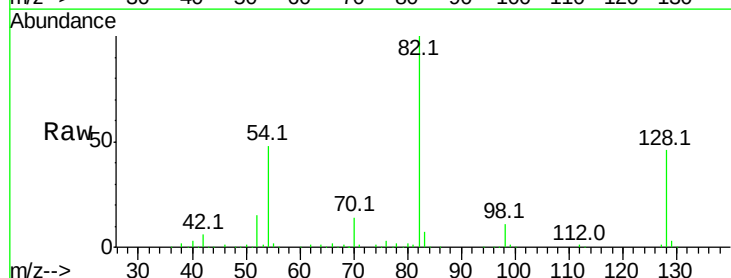
Tgt Ion: 82 Resp: 563052

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

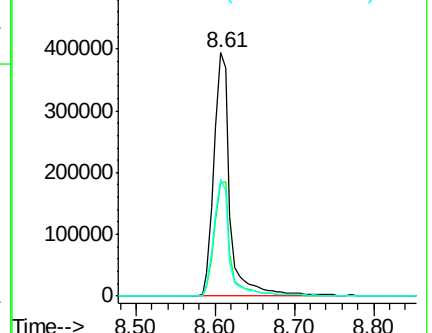
54 48.2 42.2 63.2

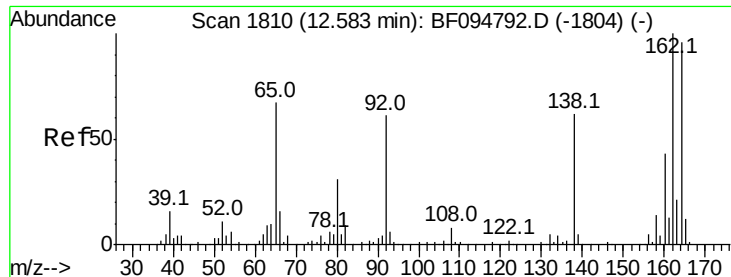


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

Instrument :

BNA_F

ClientSampleId :

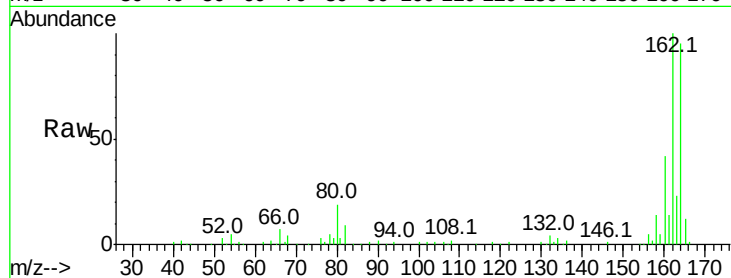
Tot Ion:164 Resp: 164610

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

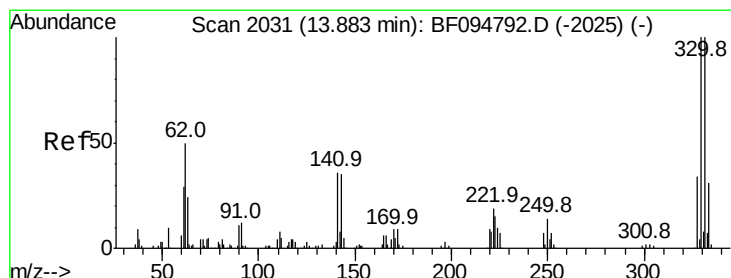
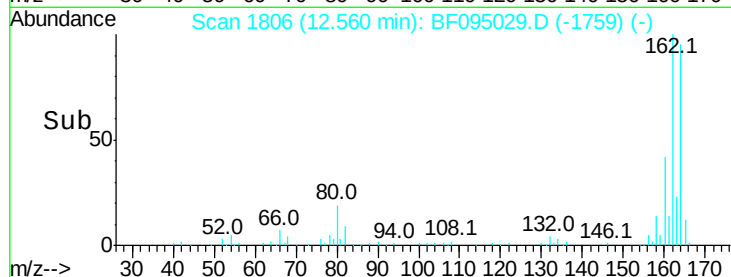
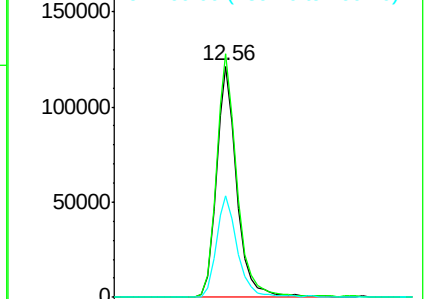
160 43.9 36.2 54.2



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: 156.01 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

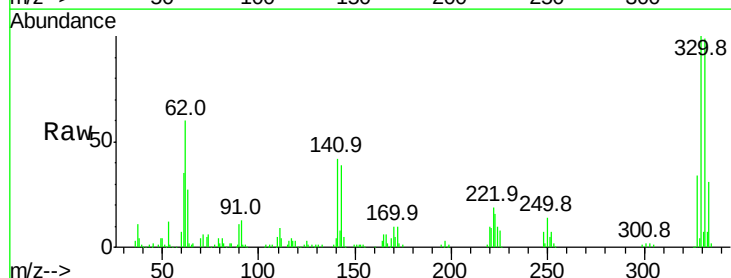
Tgt Ion:330 Resp: 210316

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

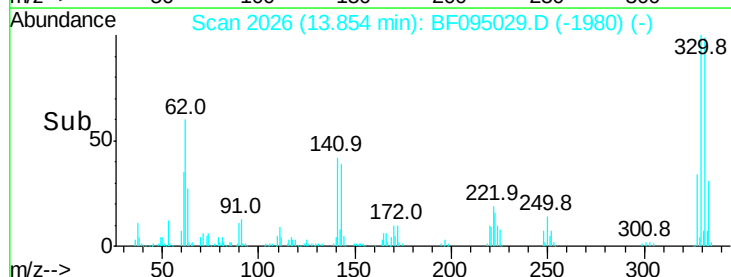
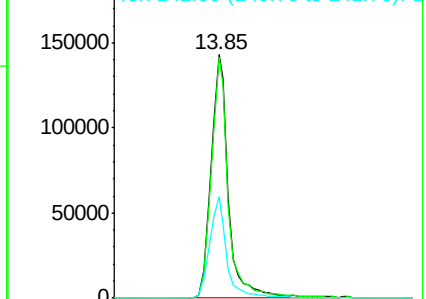
141 40.5 31.4 47.2

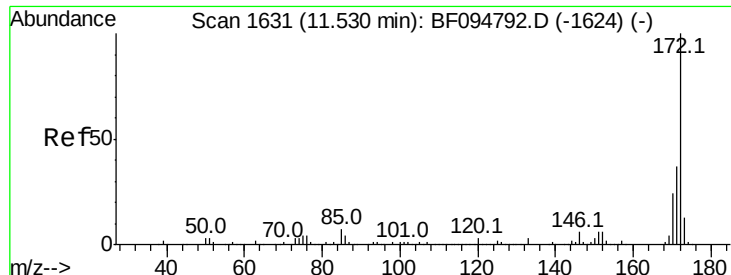


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

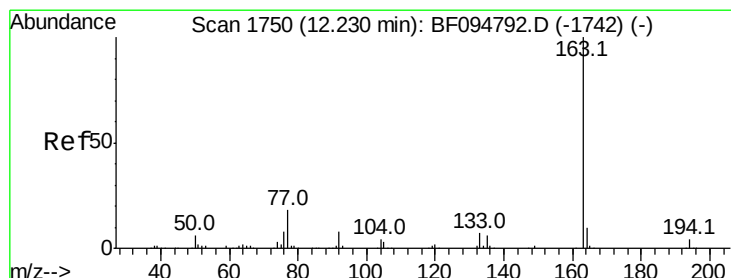
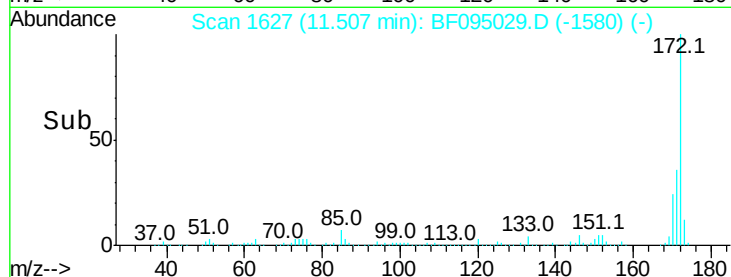
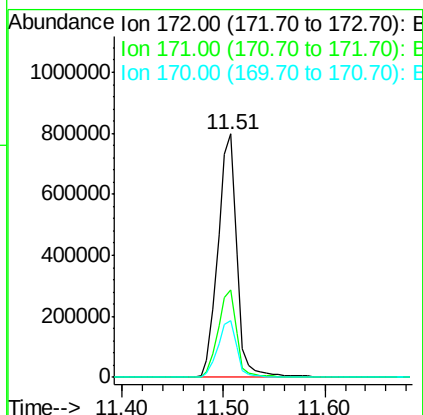
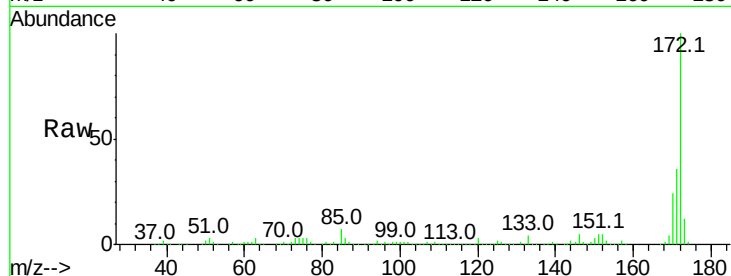




#44
2-Fluorobiphenyl
Concen: 90.20 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095029.D
Acq: 9 May 2017 19:04

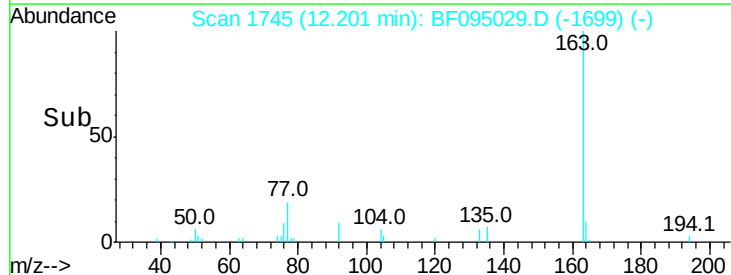
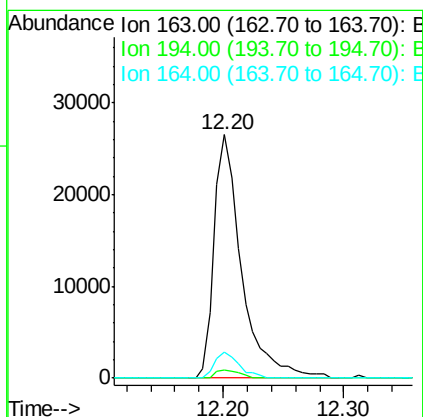
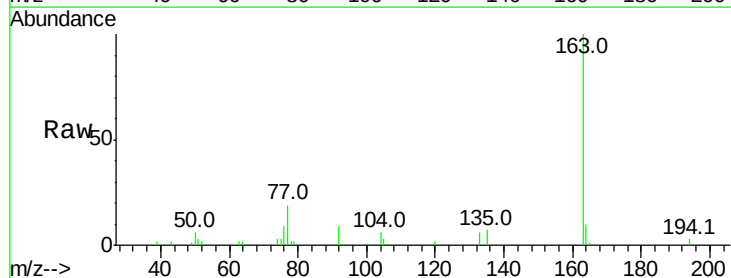
Instrument :
BNA_F
ClientSampleId :

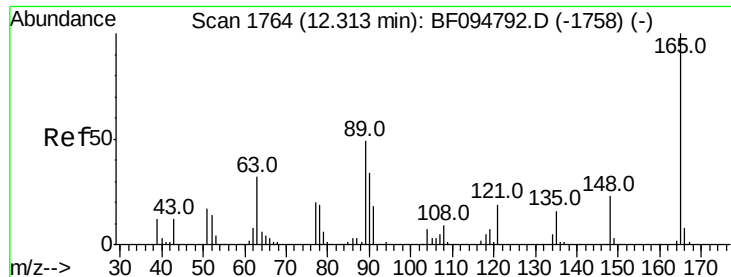
Tot Ion:172 Resp: 1031601
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 3.09 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095029.D
Acq: 9 May 2017 19:04

Tgt Ion:163 Resp: 41795
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.4 12.6

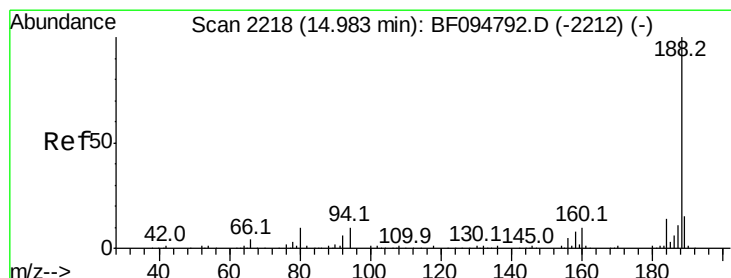
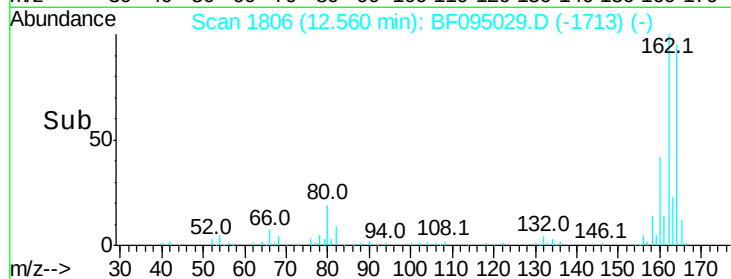
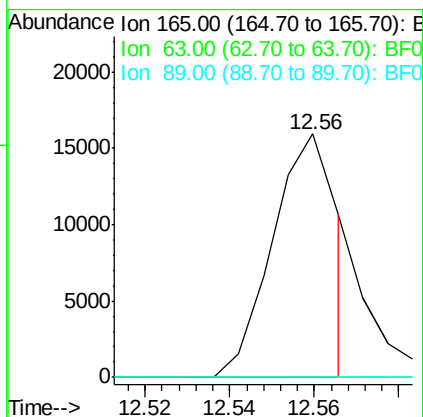
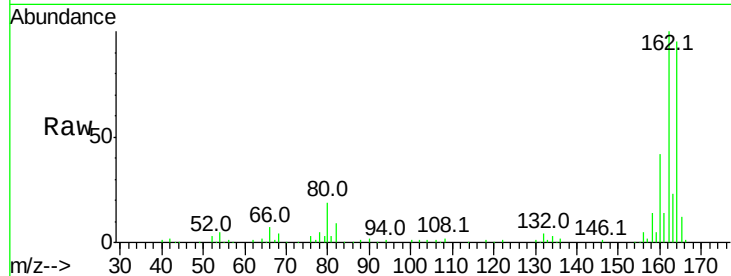




#50
 2,6-Dinitrotoluene
 Concen: 6.17 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. 0.25 min
 Lab File: BF095029.D
 Acq: 9 May 2017 19:04

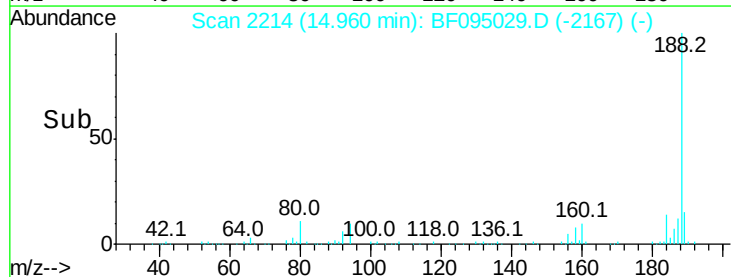
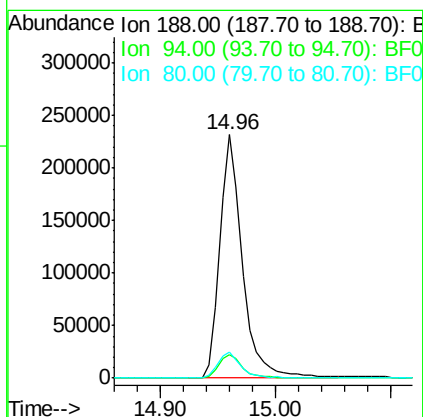
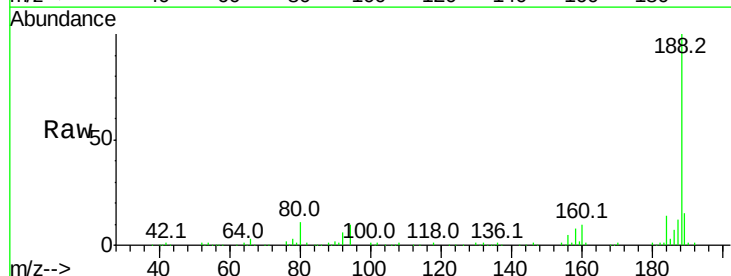
Instrument :
 BNA_F
 ClientSampleId :

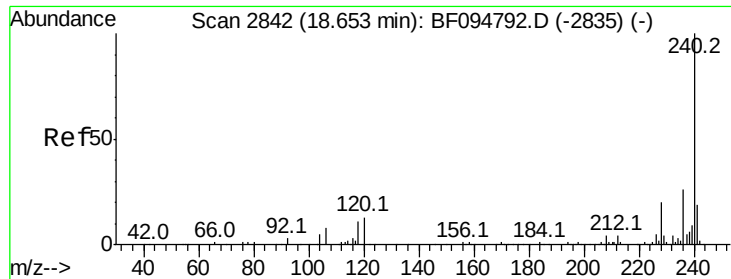
Tot Ion:165 Resp: 17020
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095029.D
 Acq: 9 May 2017 19:04

Tgt Ion:188 Resp: 314263
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

Instrument :

BNA_F

ClientSampled :

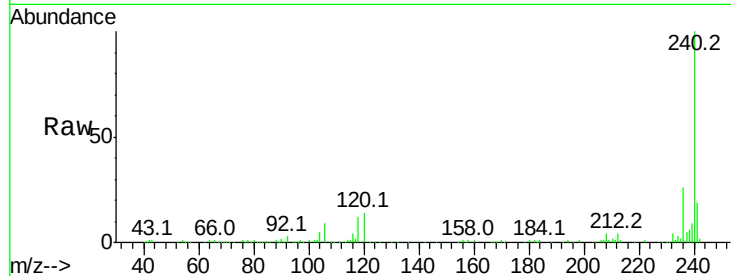
Tot Ion:240 Resp: 276127

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

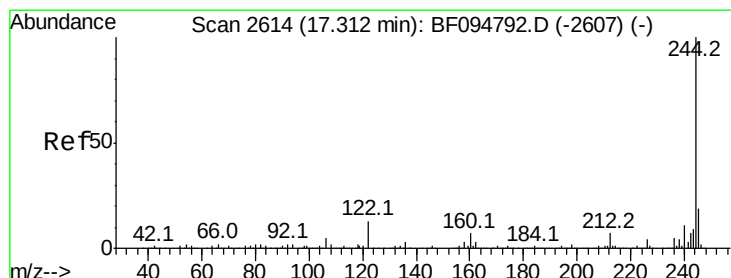
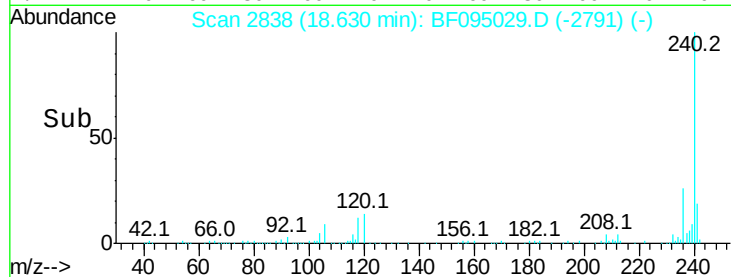
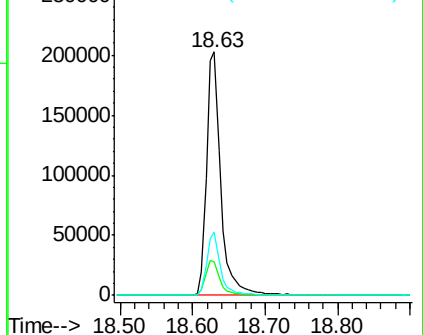
236 25.8 20.5 30.7



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: 80.31 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095029.D

Acq: 9 May 2017 19:04

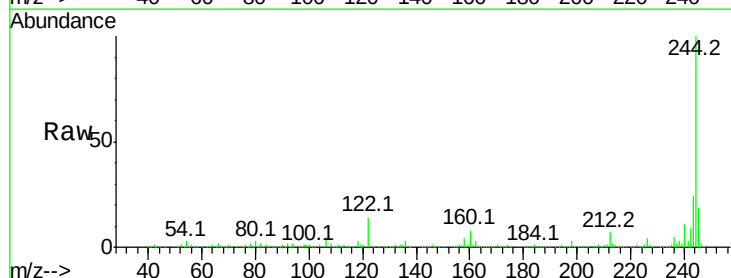
Tgt Ion:244 Resp: 1006822

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

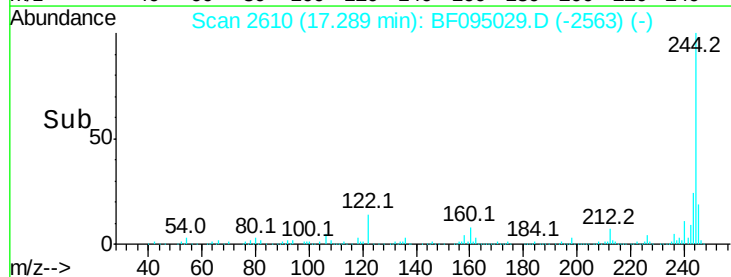
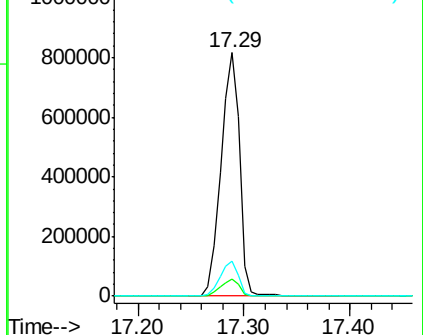
122 14.2 10.3 15.5

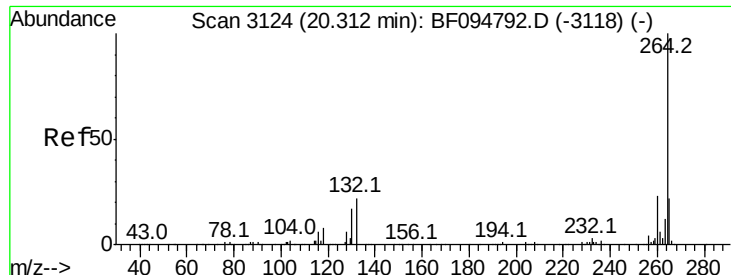


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

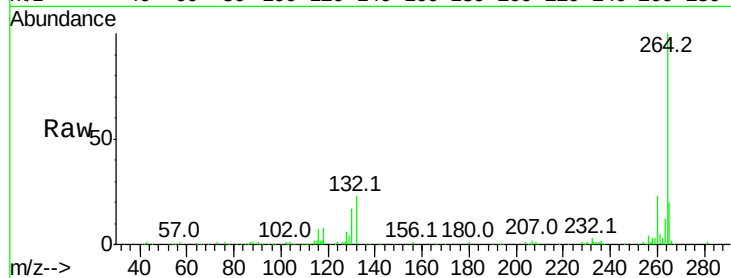




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095029.D
Acq: 9 May 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.5	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

