

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095637.D
 Acq On : 2 Jun 2017 16:52
 Operator : SJ/MA
 Sample : I3412-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 03 01:31:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

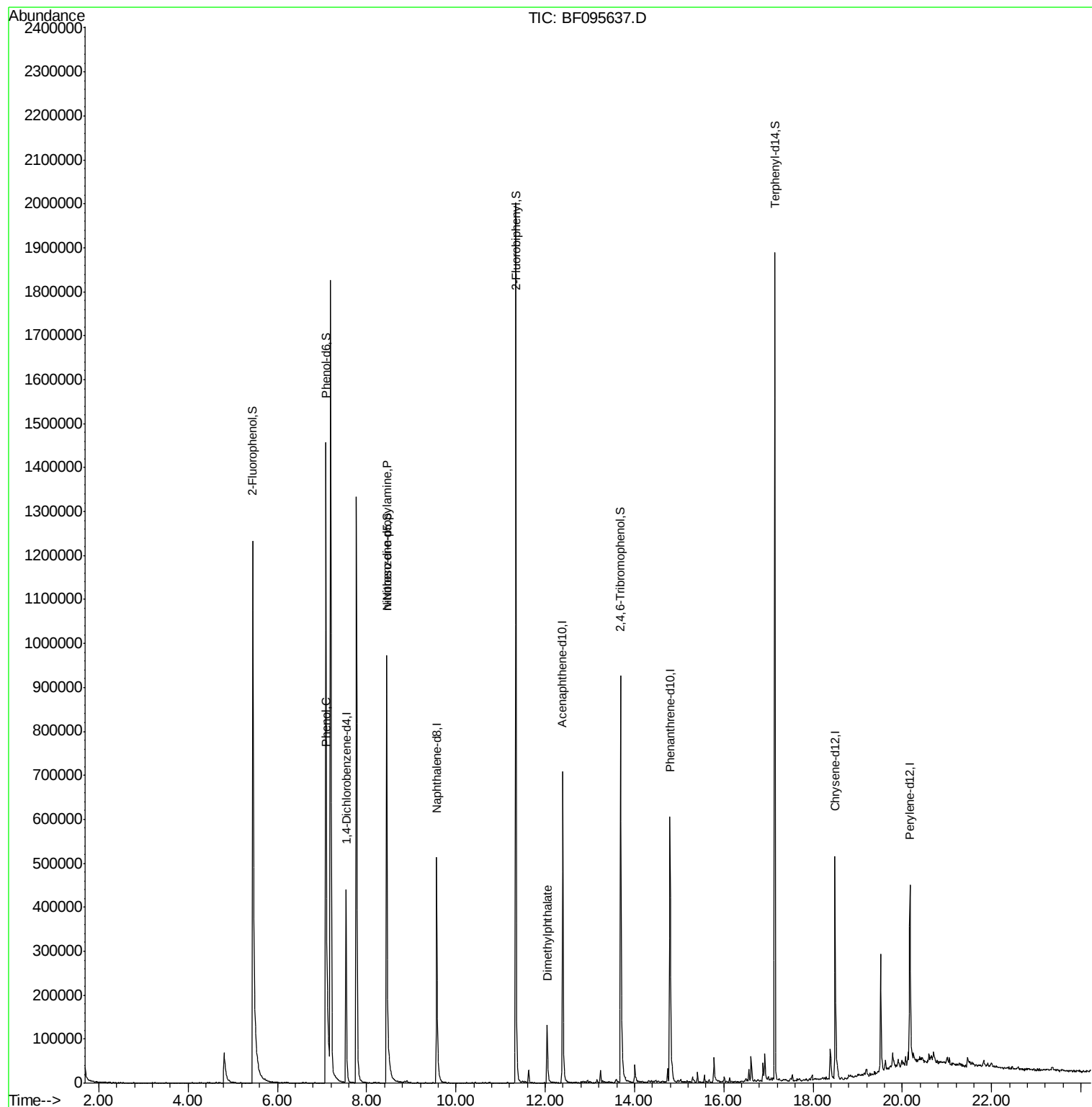
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	113673	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	416663	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	202732	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	376554	20.00	ng	0.00
75) Chrysene-d12	18.50	240	252419	20.00	ng	0.00
86) Perylene-d12	20.17	264	209435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	783079	114.85	ng	0.00
7) Phenol-d6	7.09	99	999550	122.18	ng	-0.01
23) Nitrobenzene-d5	8.45	82	572363	86.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	182540	109.94	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	913423	64.85	ng	0.00
78) Terphenyl-d14	17.14	244	712280	62.15	ng	0.00
Target Compounds						
10) Phenol	7.10	94	40462	4.69	ng	# 72
19) n-Nitroso-di-n-propylamine	8.45	70	70331	12.71	ng	# 74
49) Dimethylphthalate	12.04	163	105749	6.35	ng	100

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

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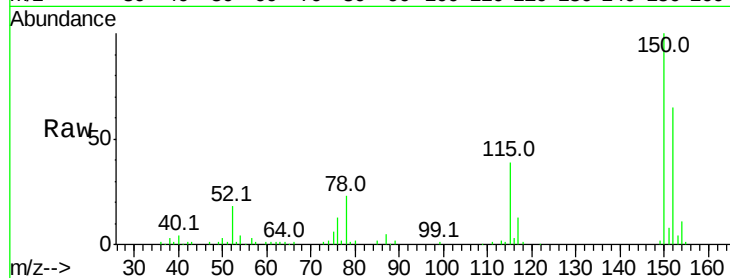


#1

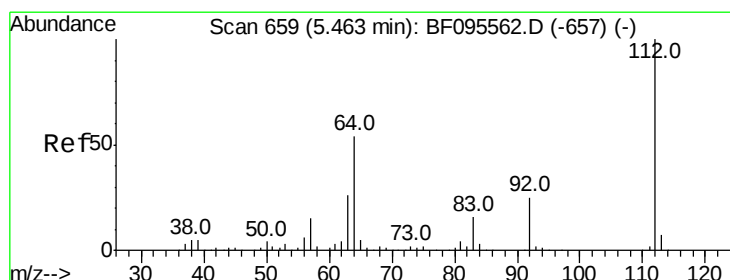
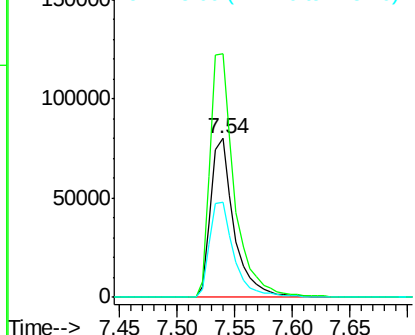
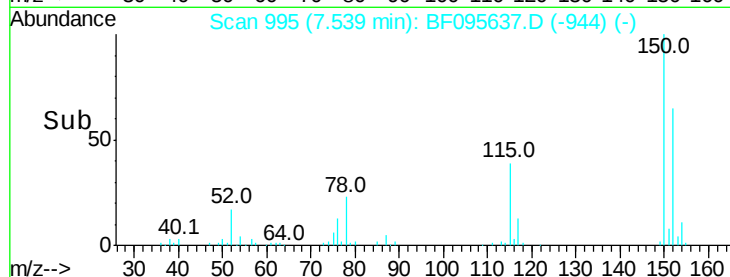
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113673
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 59.9 52.2 78.2



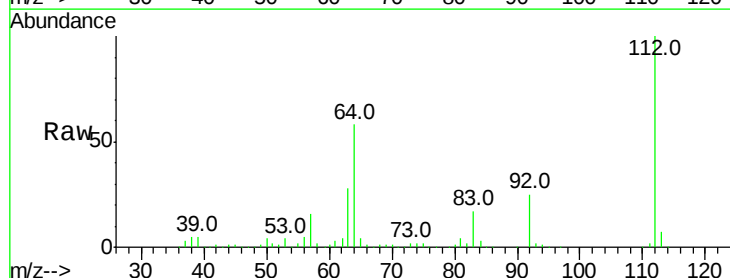
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



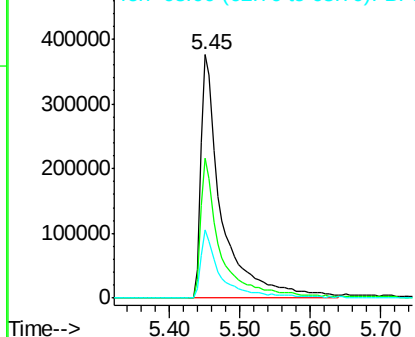
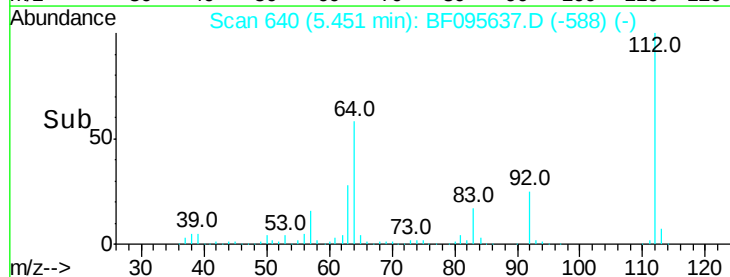
#5

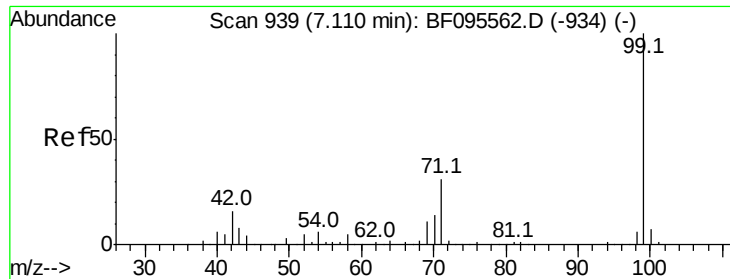
2-Fluorophenol
Concen: 114.85 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Tgt Ion:112 Resp: 783079
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 27.9 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: 122.18 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

Instrument :

BNA_F

ClientSampleId :

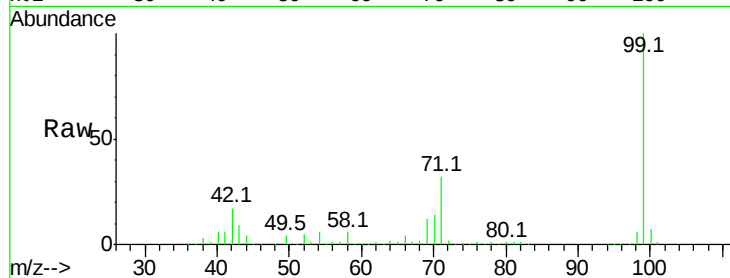
Tot Ion: 99 Resp: 999550

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

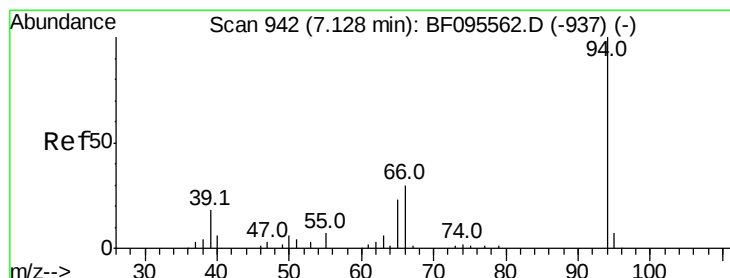
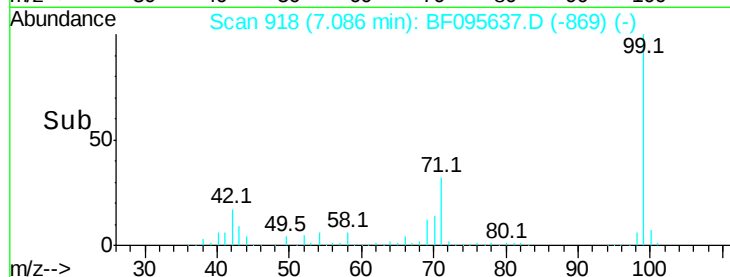
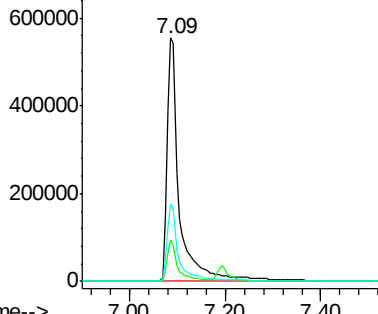
71 31.5 24.5 36.7



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



#10

Phenol

Concen: 4.69 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

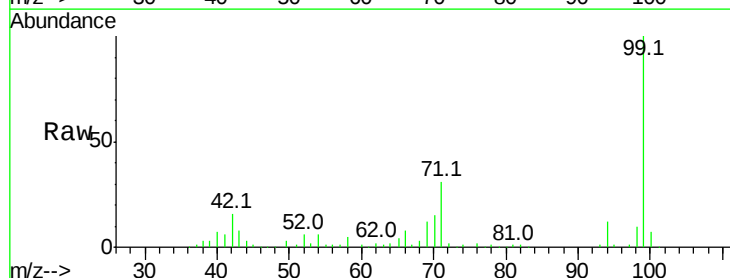
Tgt Ion: 94 Resp: 40462

Ion Ratio Lower Upper

94 100

65 34.9 9.9 49.9

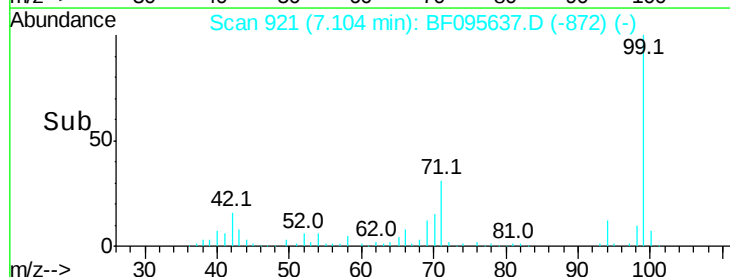
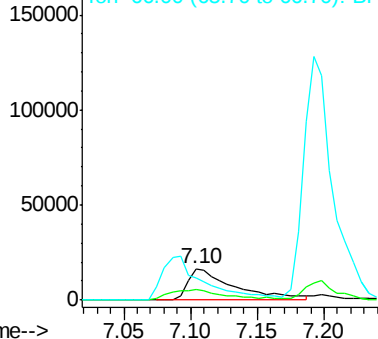
66 69.0 23.1 63.1#

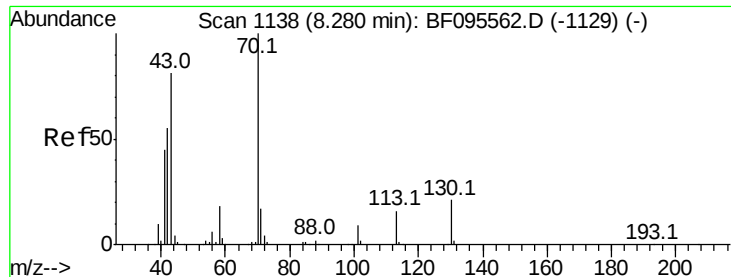


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

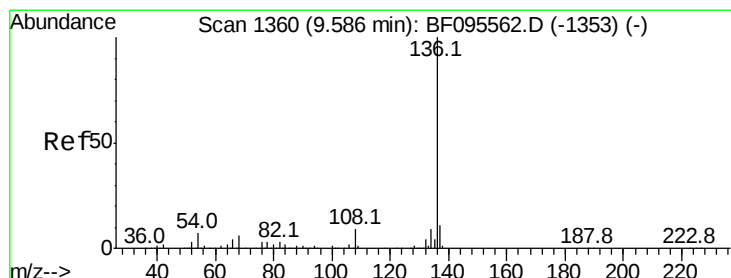
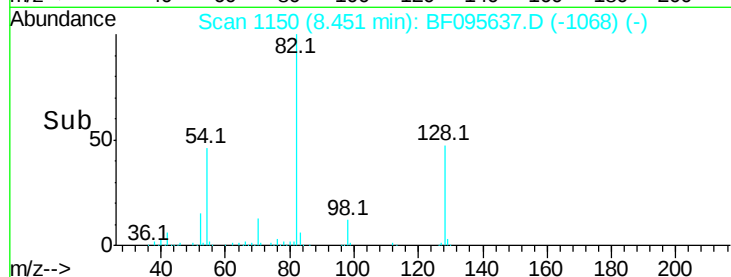
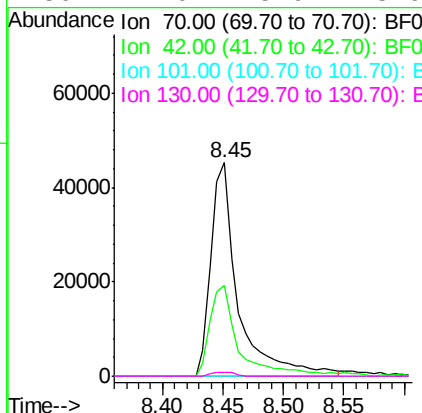
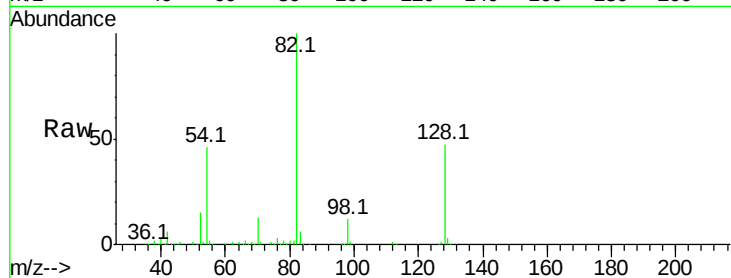




#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

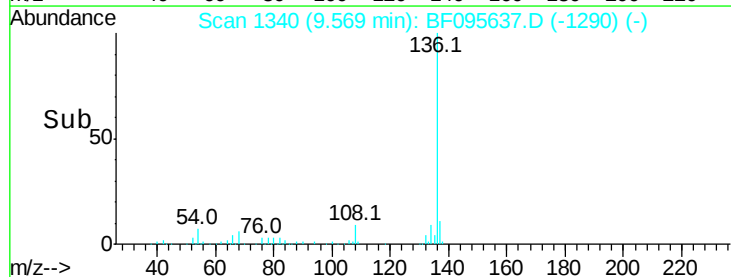
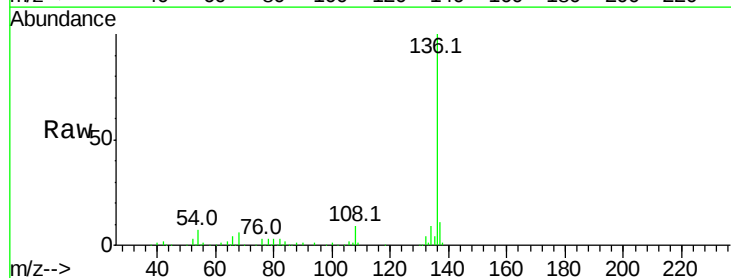
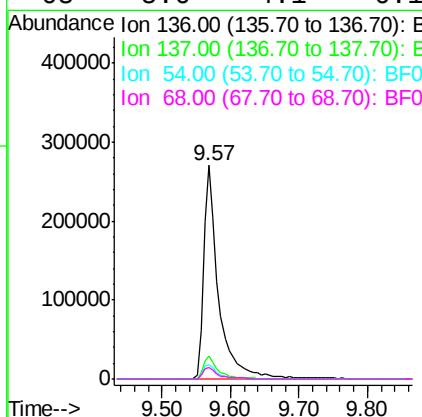
Instrument :
BNA_F
ClientSampleId :

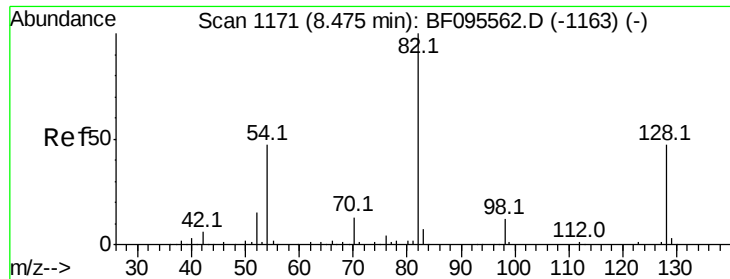
Tot Ion: 70 Resp: 70331
Ion Ratio Lower Upper
70 100
42 42.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Tgt Ion:136 Resp: 416663
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.8 4.9 7.3
68 5.6 4.1 6.1

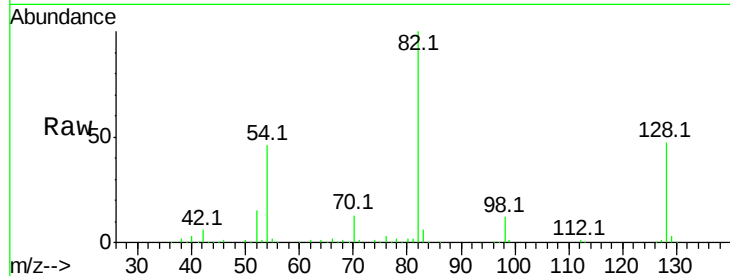




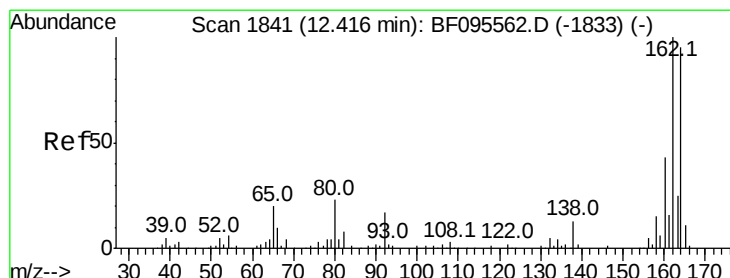
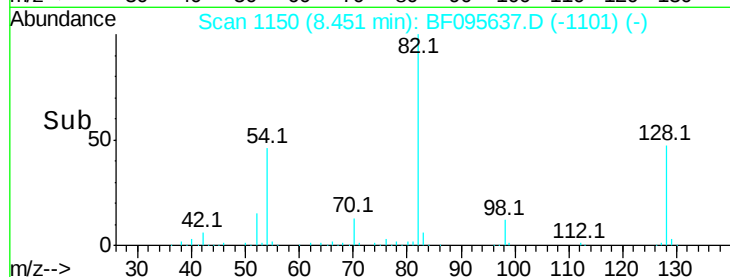
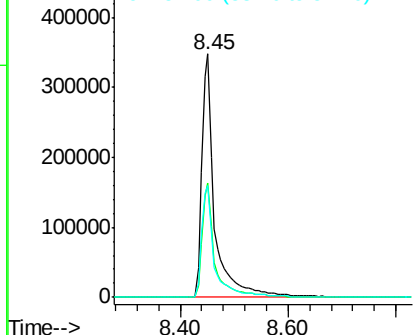
#23
Nitrobenzene-d5
Concen: 86.62 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 572363
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 45.7 42.2 63.2

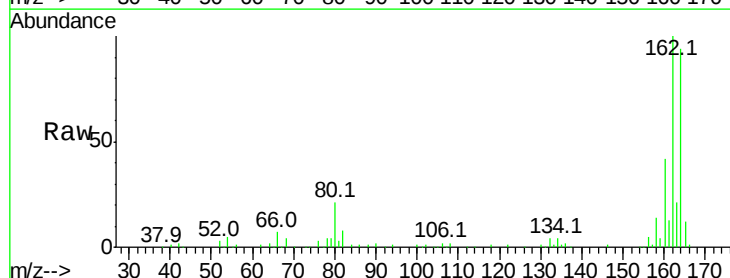


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

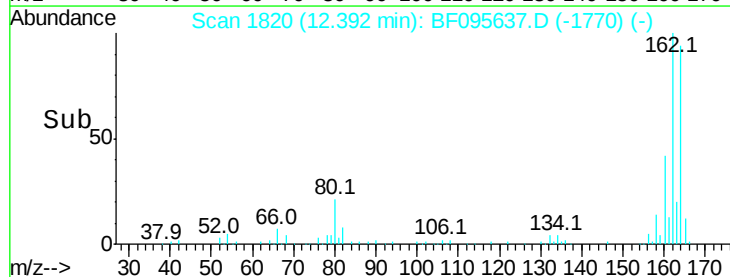
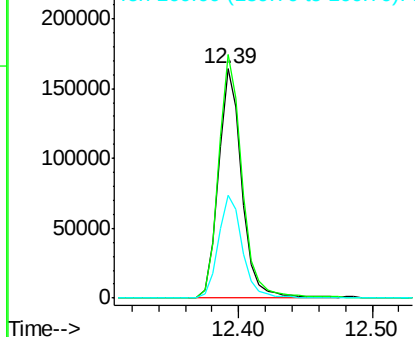


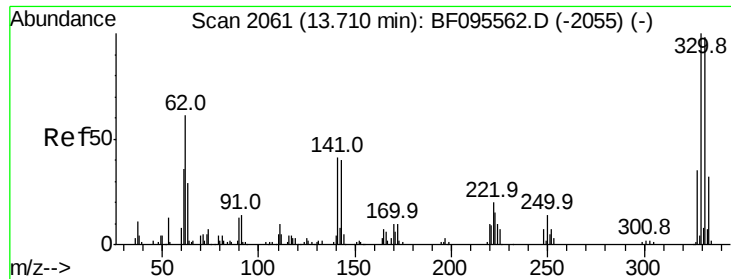
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Tgt Ion:164 Resp: 202732
Ion Ratio Lower Upper
164 100
162 106.2 82.6 123.8
160 44.6 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

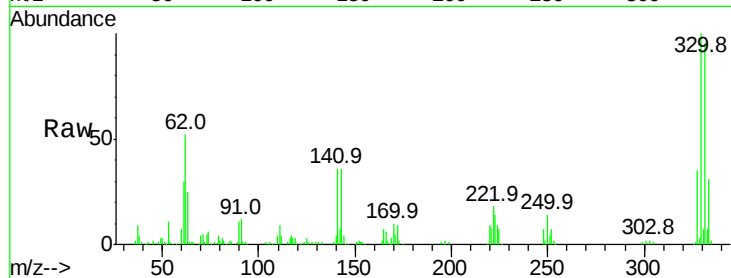




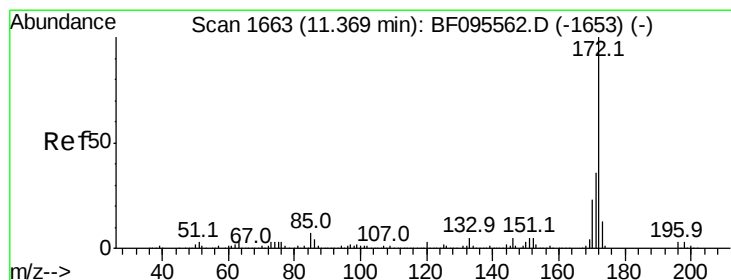
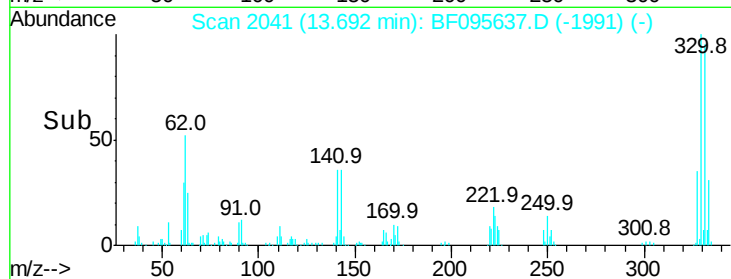
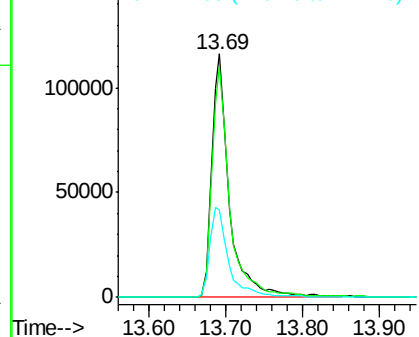
#41
 2,4,6-Tribromophenol
 Concen: 109.94 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095637.D
 Acq: 2 Jun 2017 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 182540
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.9 31.4 47.2

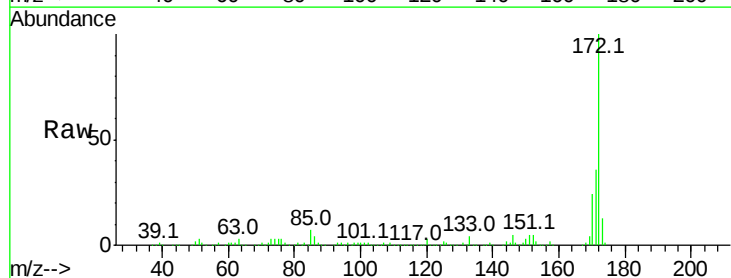


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

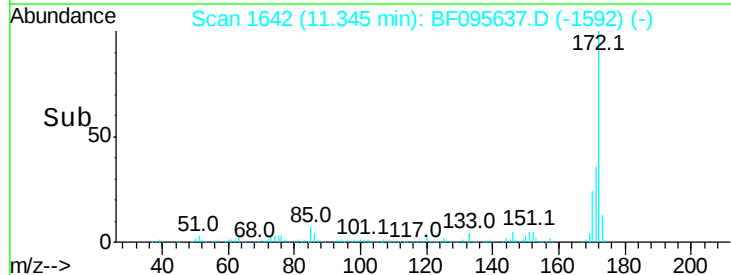
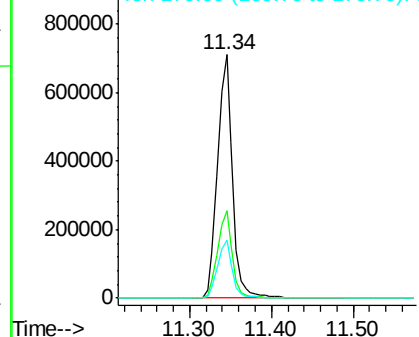


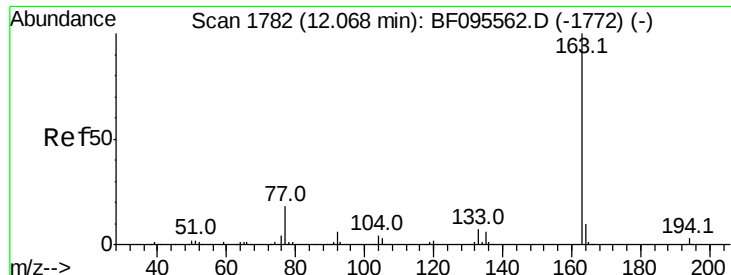
#44
 2-Fluorobiphenyl
 Concen: 64.85 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095637.D
 Acq: 2 Jun 2017 16:52

Tgt Ion:172 Resp: 913423
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

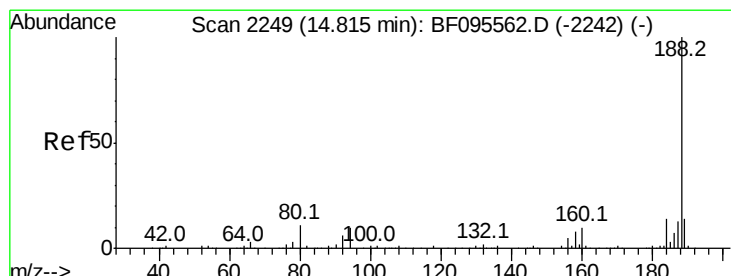
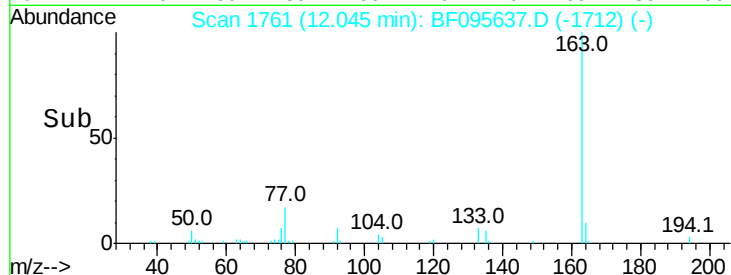
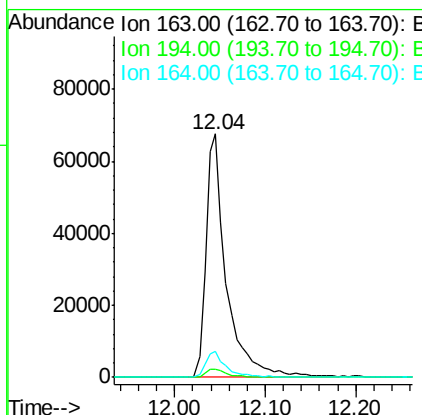
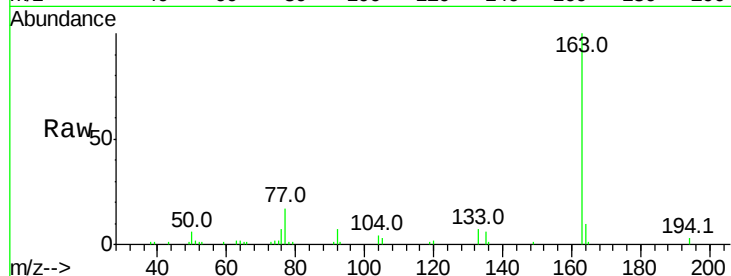




#49
Dimethylphthalate
Concen: 6.35 ng
RT: 12.04 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

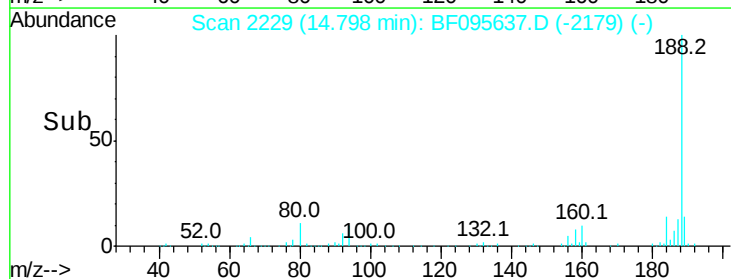
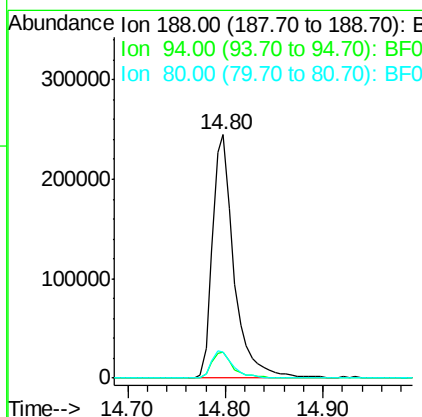
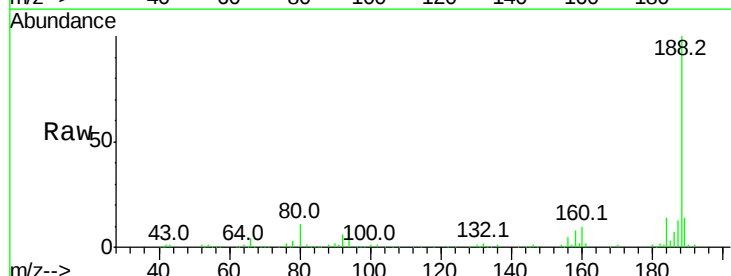
Instrument :
BNA_F
ClientSampleId :

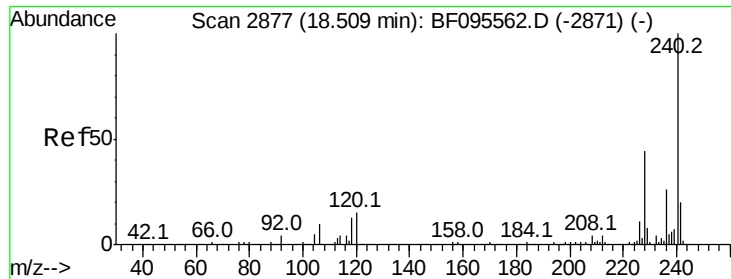
Tot Ion:163 Resp: 105749
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Tgt Ion:188 Resp: 376554
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

Instrument :

BNA_F

ClientSampleId :

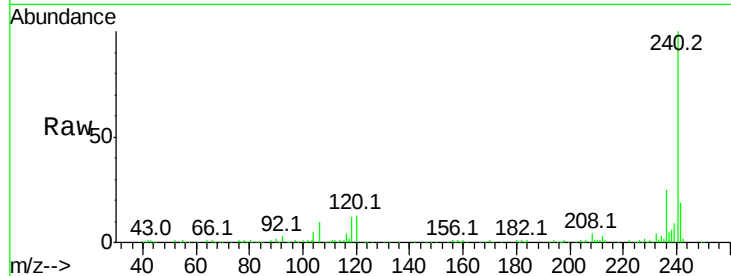
Tot Ion:240 Resp: 252419

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

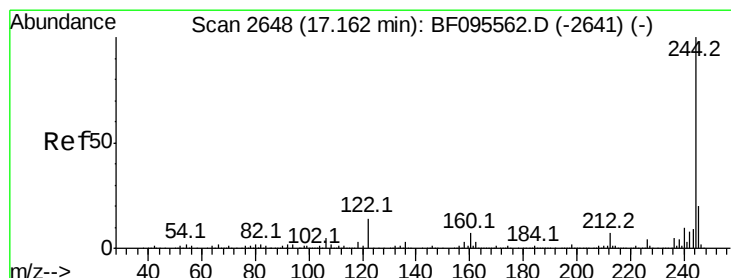
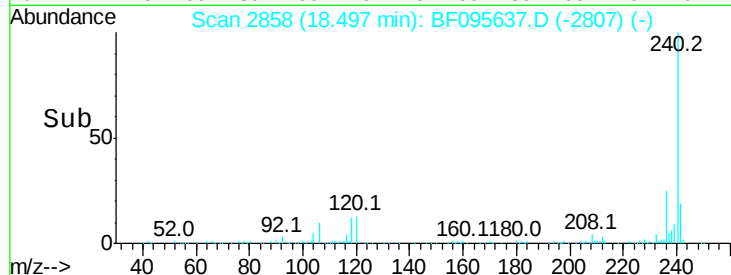
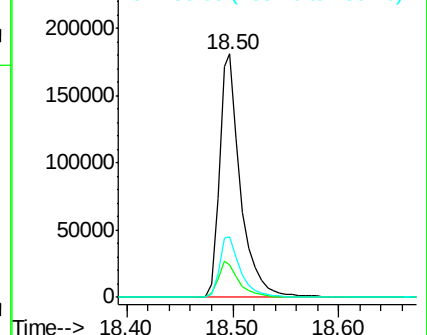
236 25.0 20.5 30.7



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: 62.15 ng

RT: 17.14 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

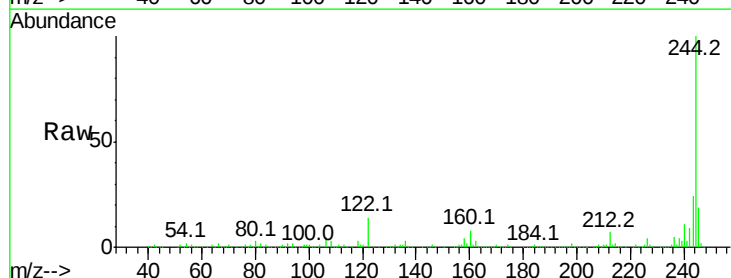
Tgt Ion:244 Resp: 712280

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

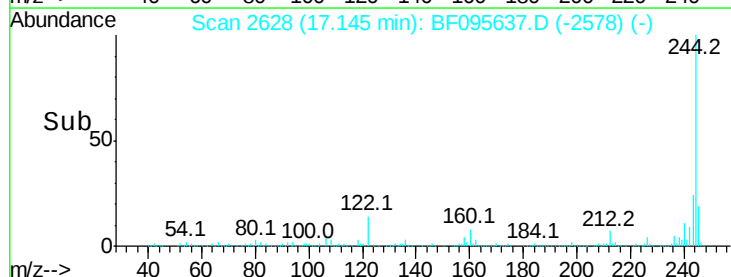
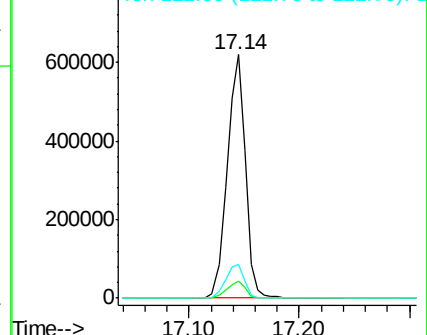
122 13.8 10.3 15.5

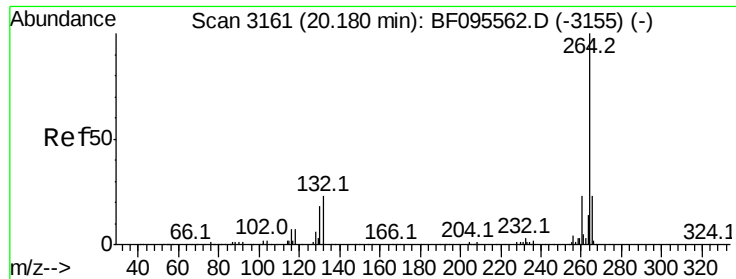


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

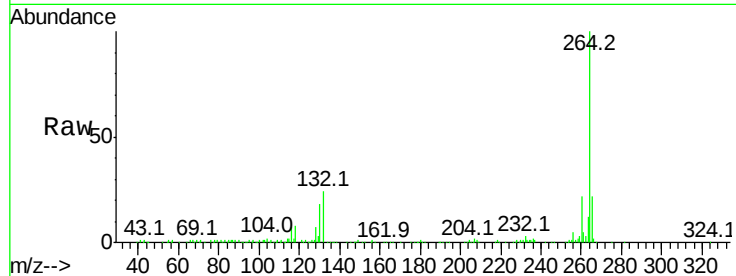




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.5	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

