

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095313.D
 Acq On : 22 May 2017 14:42
 Operator : SJ/MA
 Sample : I3278-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:13:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

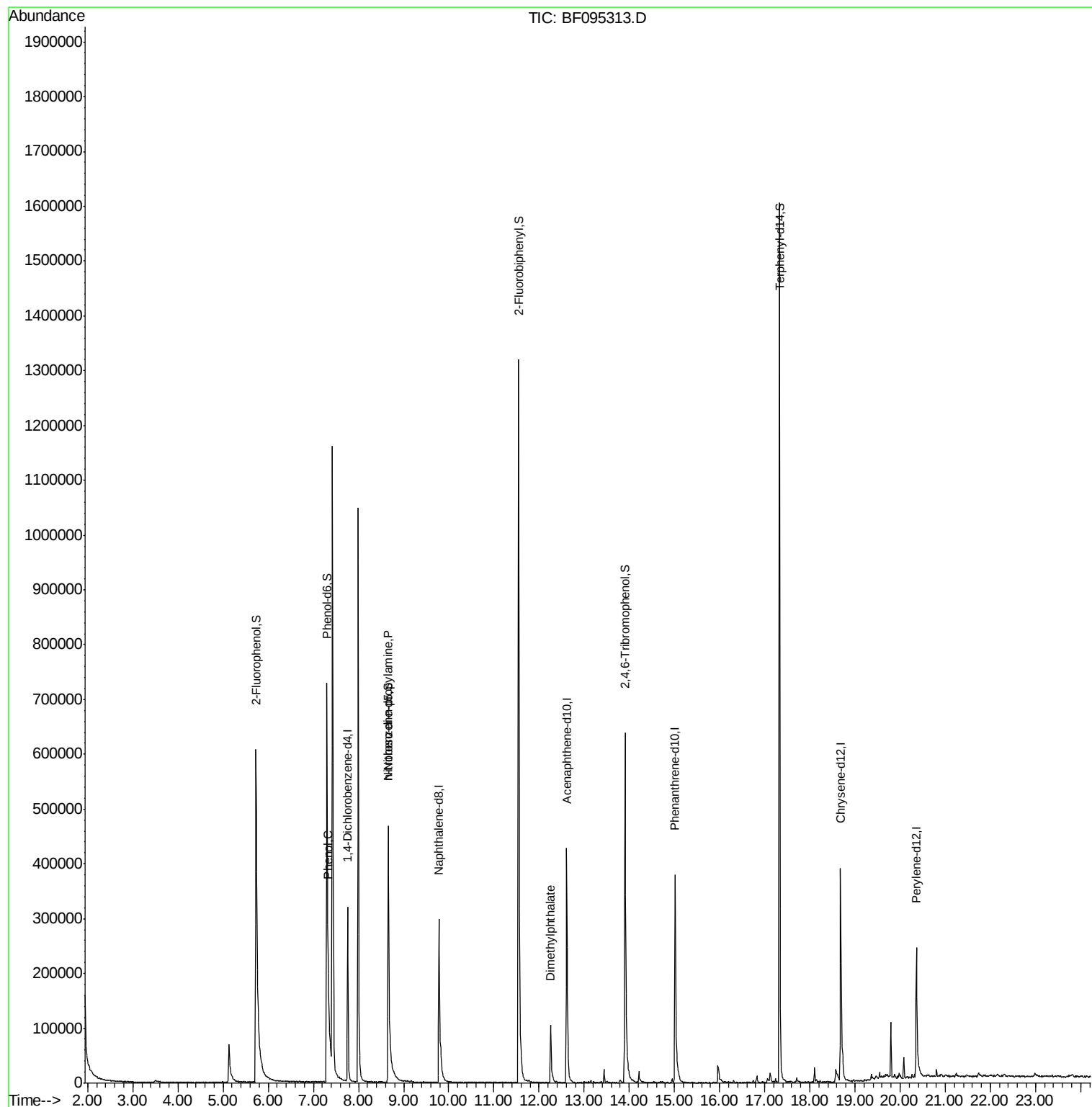
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	74148	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	336357	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	164440	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	312111	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	236711	20.00	ng	-0.01
86) Perylene-d12	20.36	264	162291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	543890	122.29	ng	0.00
7) Phenol-d6	7.30	99	665604	124.73	ng	-0.02
23) Nitrobenzene-d5	8.66	82	333813	62.58	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	148257	110.09	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	789379	69.09	ng	-0.01
78) Terphenyl-d14	17.33	244	674666	62.78	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	11561	2.06	ng	# 29
19) n-Nitroso-di-n-propylamine	8.66	70	42498	11.78	ng	# 72
49) Dimethylphthalate	12.25	163	101802	7.54	ng	100

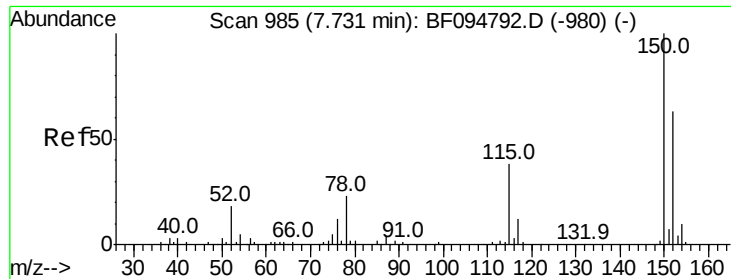
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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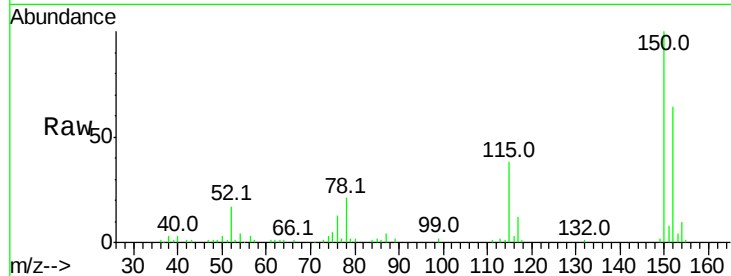


#1

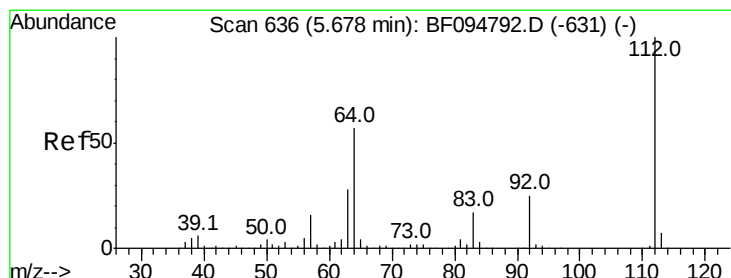
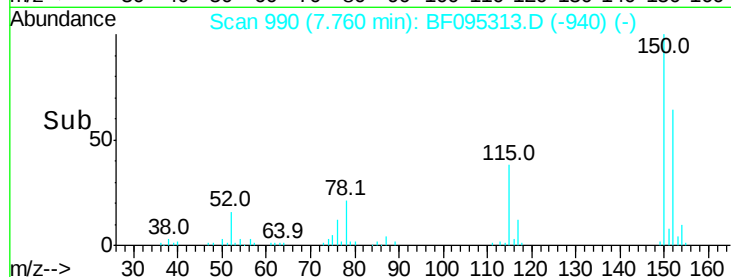
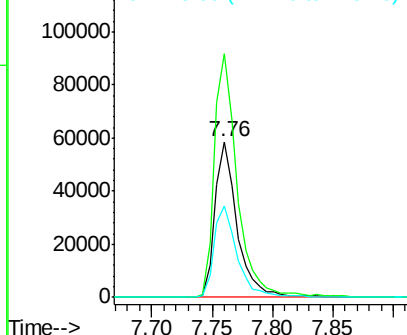
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095313.D
Acq: 22 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74148
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 58.9 52.2 78.2



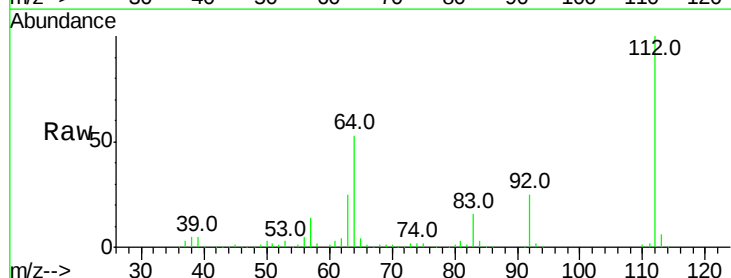
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



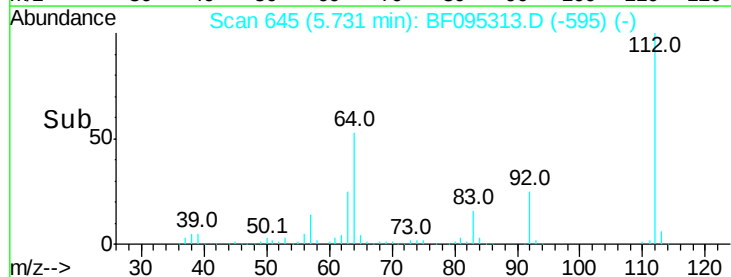
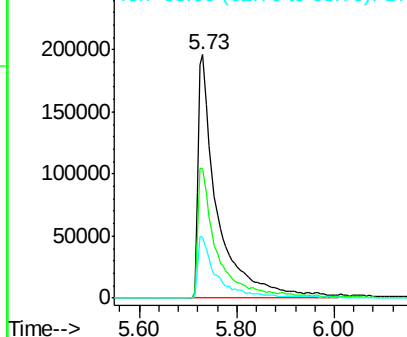
#5

2-Fluorophenol
Concen: 122.29 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095313.D
Acq: 22 May 2017 14:42

Tgt Ion:112 Resp: 543890
Ion Ratio Lower Upper
112 100
64 53.2 46.0 69.0
63 24.9 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: 124.73 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095313.D

Acq: 22 May 2017 14:42

Instrument :

BNA_F

ClientSampleId :

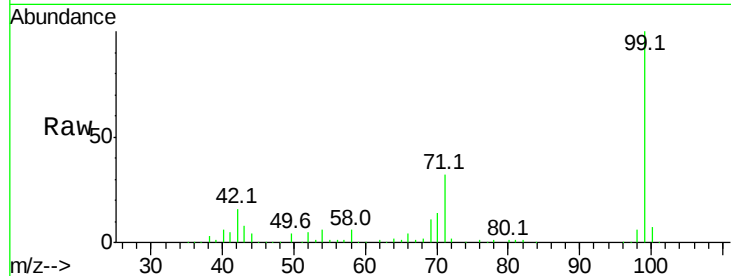
Tot Ion: 99 Resp: 665604

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

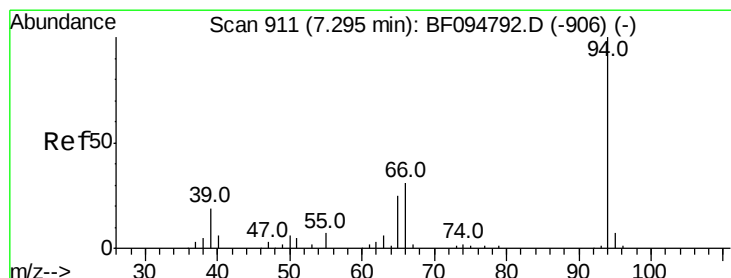
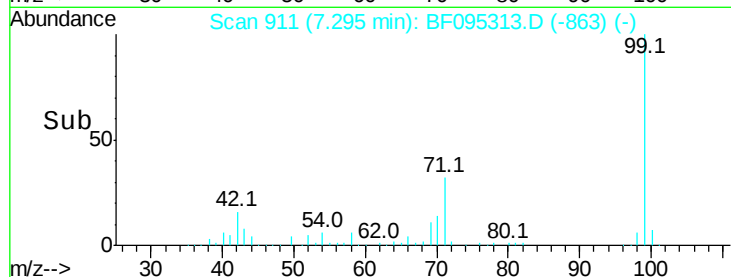
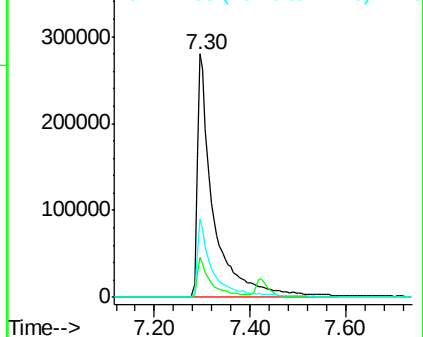
71 32.3 24.5 36.7



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: 2.06 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095313.D

Acq: 22 May 2017 14:42

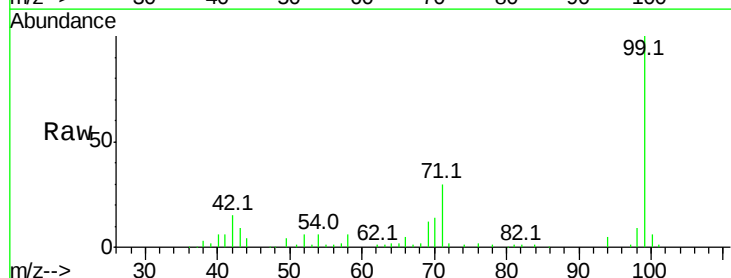
Tgt Ion: 94 Resp: 11561

Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

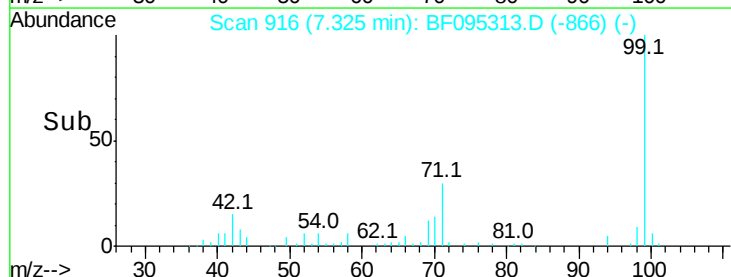
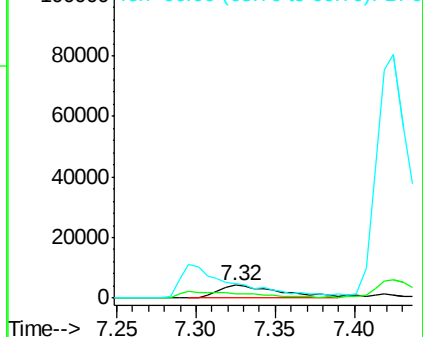
66 114.6 23.1 63.1#

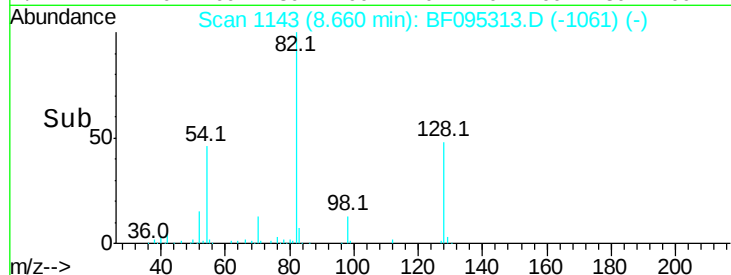
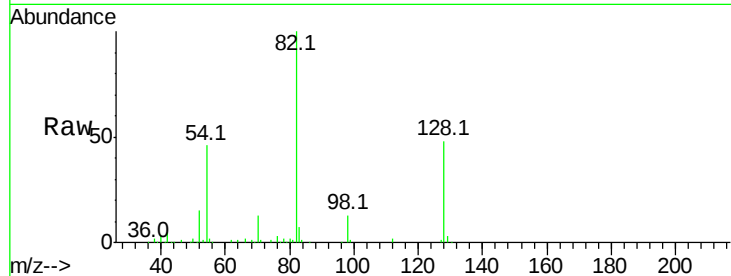
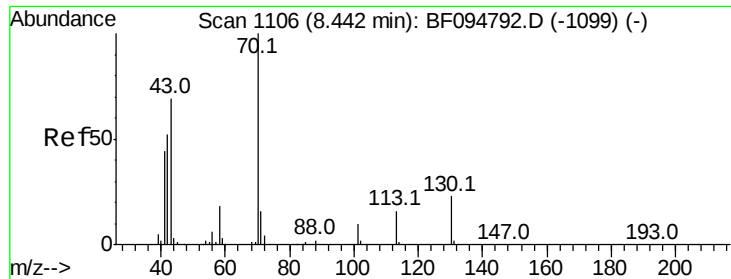


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

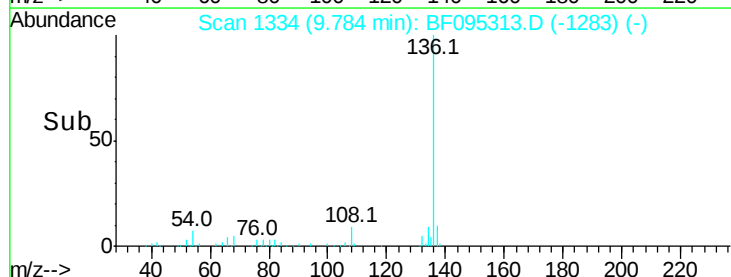
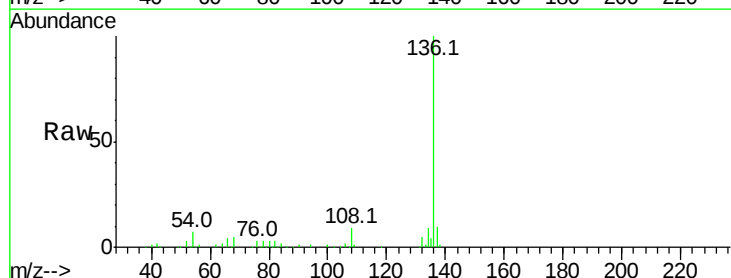
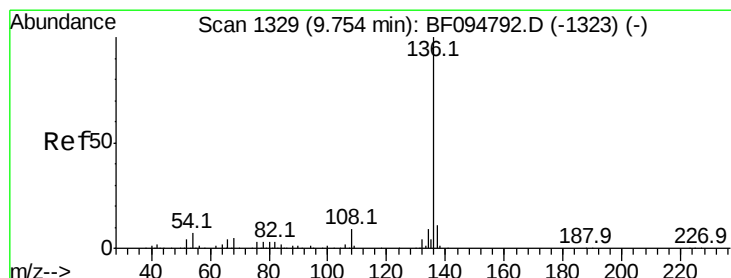
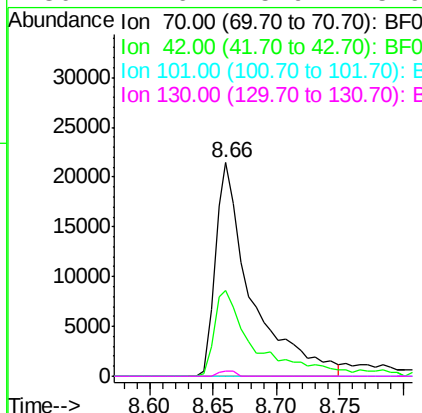




#19
n-Nitroso-di-n-propylamine
Concen: 11.78 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095313.D
Acq: 22 May 2017 14:42

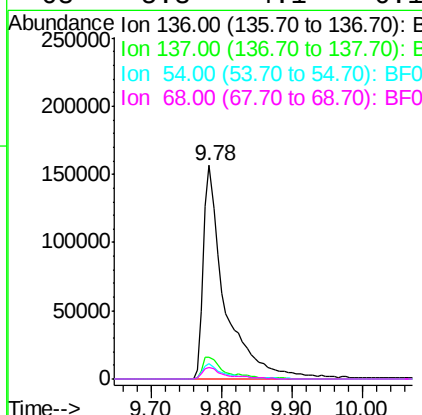
Instrument :
BNA_F
ClientSampleId :

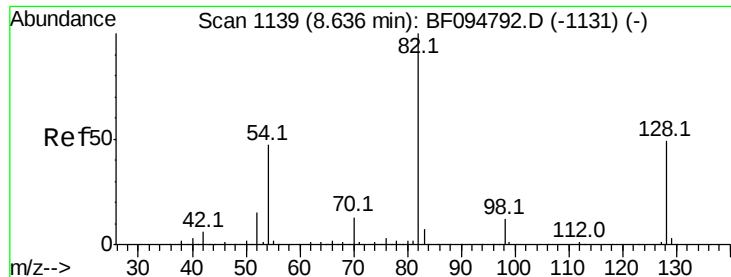
Tot Ion: 70 Resp: 42498
Ion Ratio Lower Upper
70 100
42 40.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095313.D
Acq: 22 May 2017 14:42

Tgt Ion:136 Resp: 336357
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 7.2 4.9 7.3
68 5.3 4.1 6.1

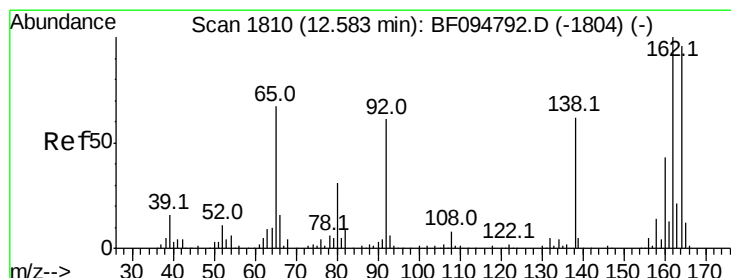
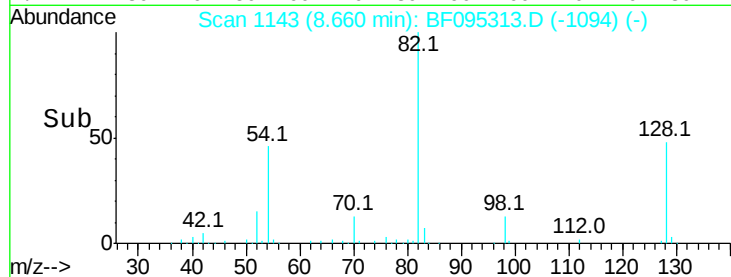
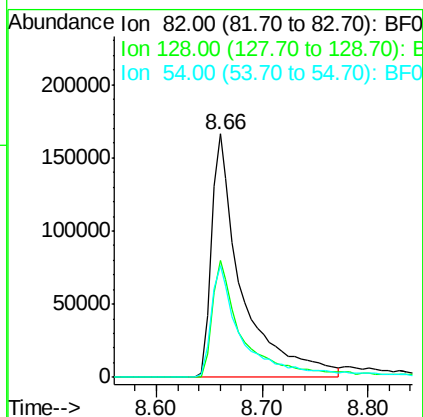
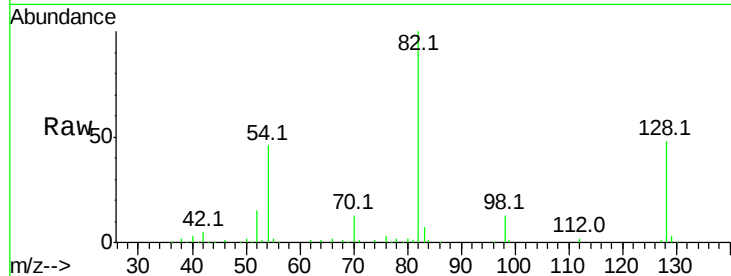




#23
 Nitrobenzene-d5
 Concen: 62.58 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095313.D
 Acq: 22 May 2017 14:42

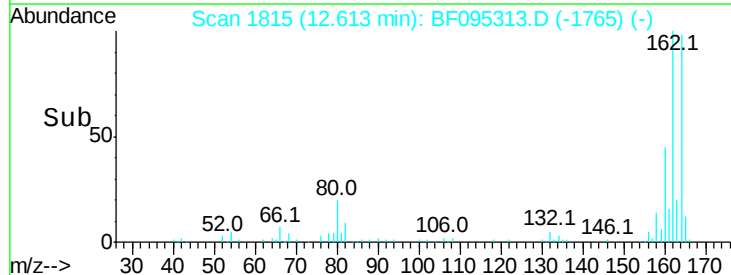
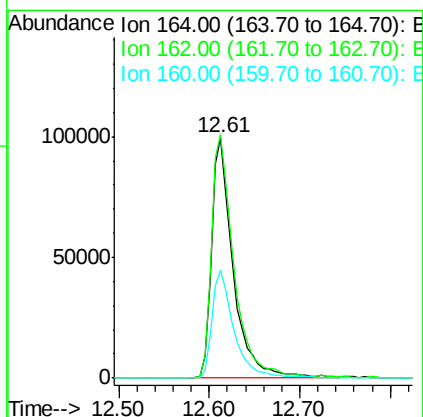
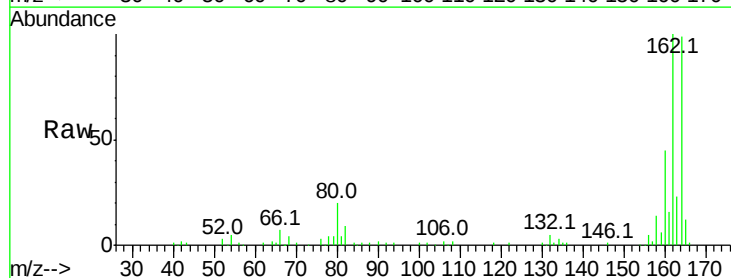
Instrument :
 BNA_F
 ClientSampleId :

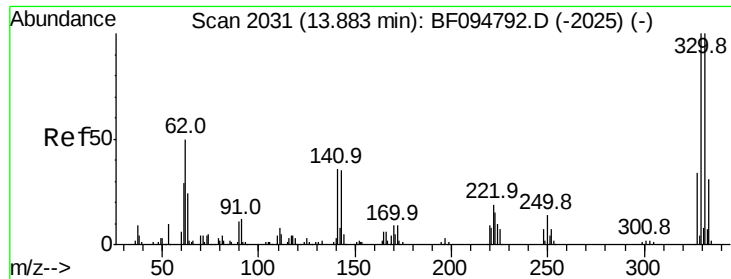
Tot Ion: 82 Resp: 333813
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.0 51.0
 54 46.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095313.D
 Acq: 22 May 2017 14:42

Tgt Ion:164 Resp: 164440
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 45.2 36.2 54.2

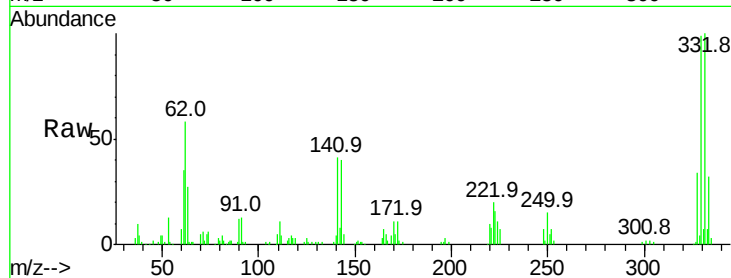




#41
 2,4,6-Tribromophenol
 Concen: 110.09 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095313.D
 Acq: 22 May 2017 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	40.5	31.4	47.2

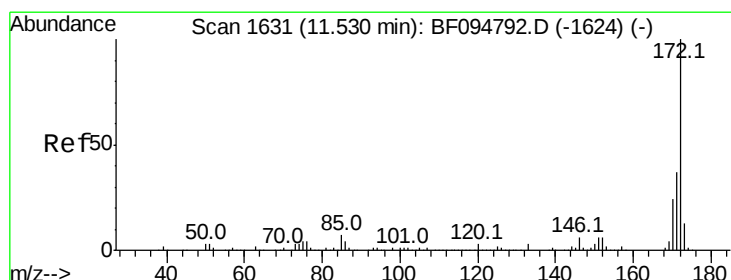
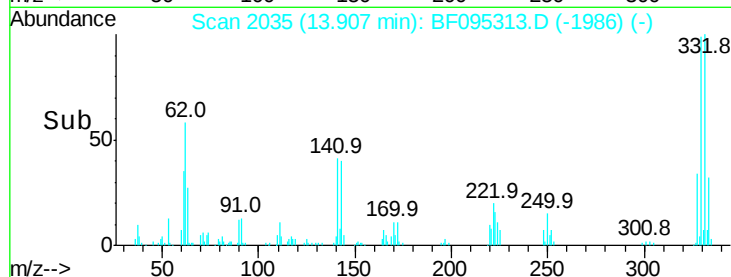
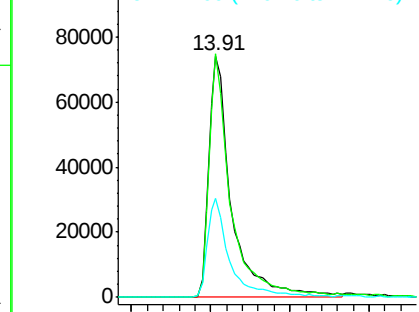


Abundance

Ion 329.80 (329.50 to 330.50): E

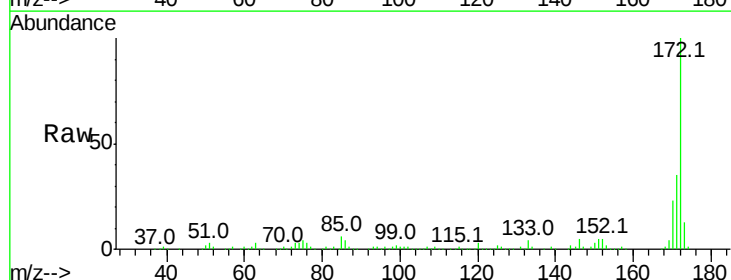
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.09 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095313.D
 Acq: 22 May 2017 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.8	19.8	29.8

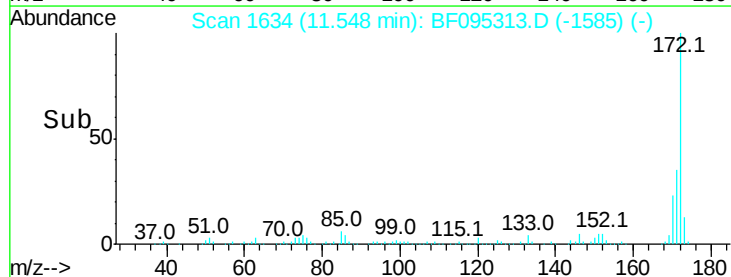
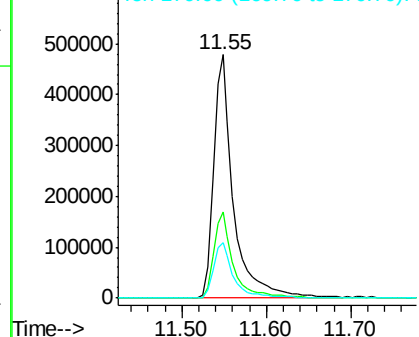


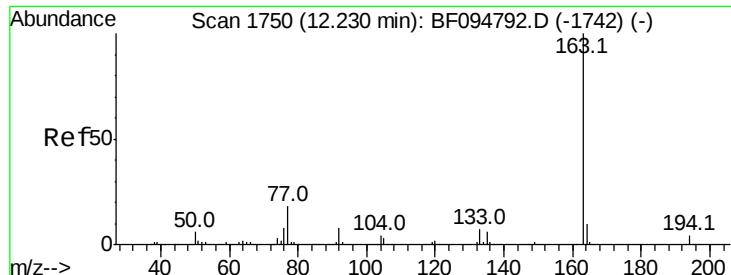
Abundance

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





#49

Dimethylphthalate

Concen: 7.54 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095313.D

Acq: 22 May 2017 14:42

Instrument :

BNA_F

ClientSampleId :

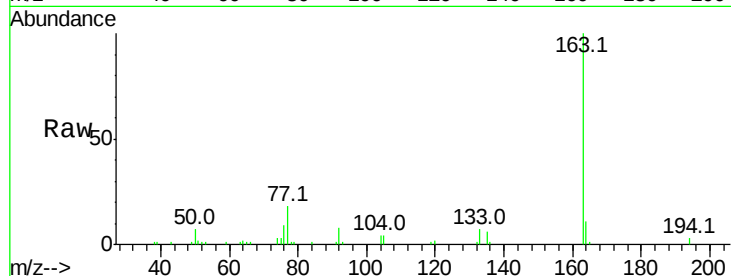
Tot Ion:163 Resp: 101802

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

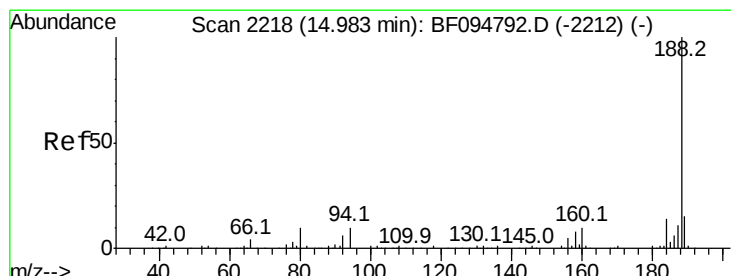
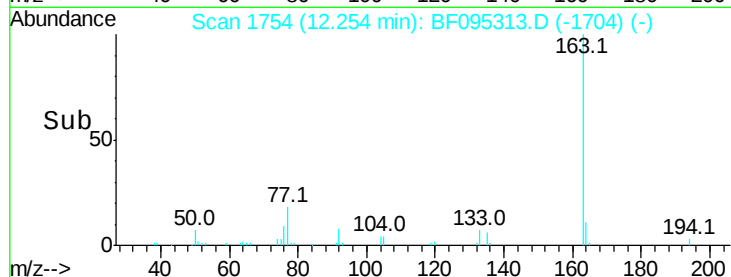
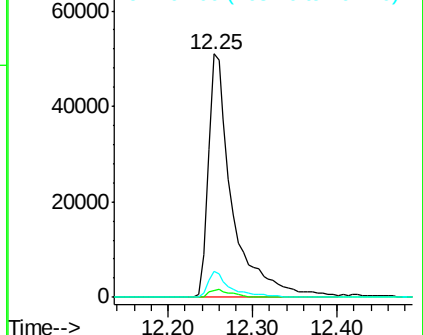
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095313.D

Acq: 22 May 2017 14:42

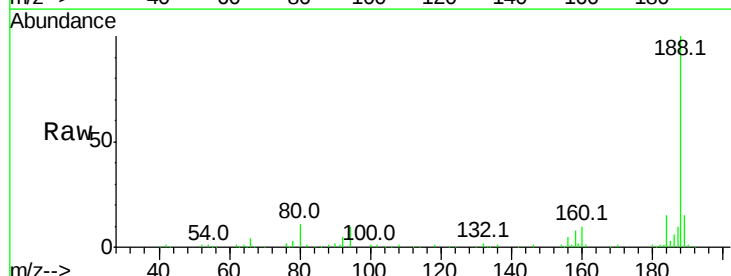
Tgt Ion:188 Resp: 312111

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

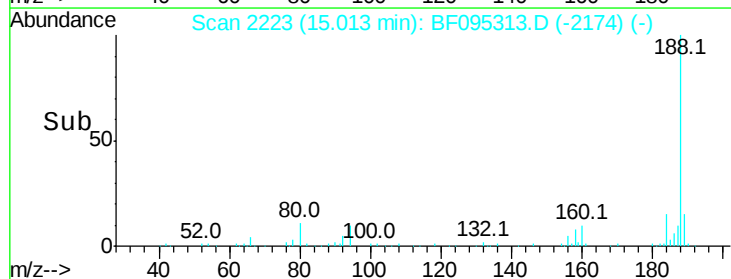
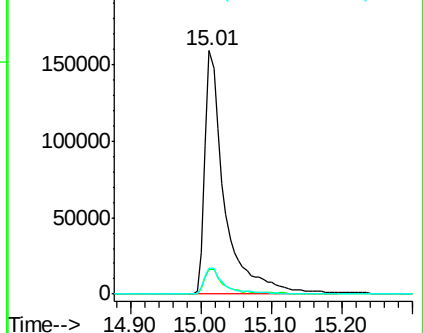
80 10.7 10.2 15.2

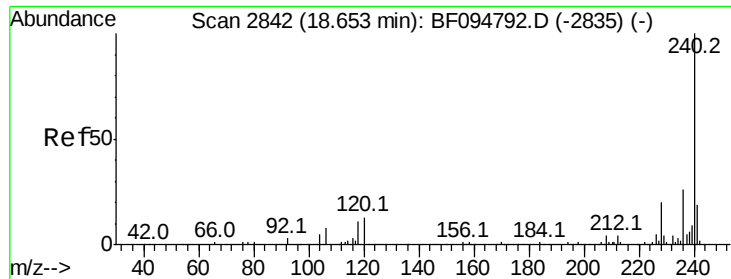


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095313.D

Acq: 22 May 2017 14:42

Instrument :

BNA_F

ClientSampleId :

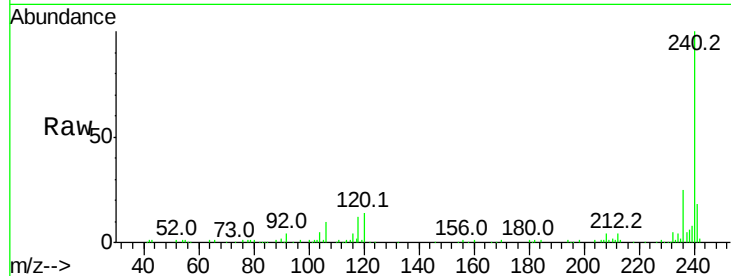
Tot Ion:240 Resp: 236711

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

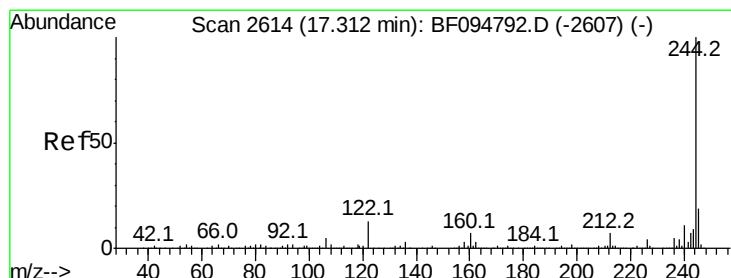
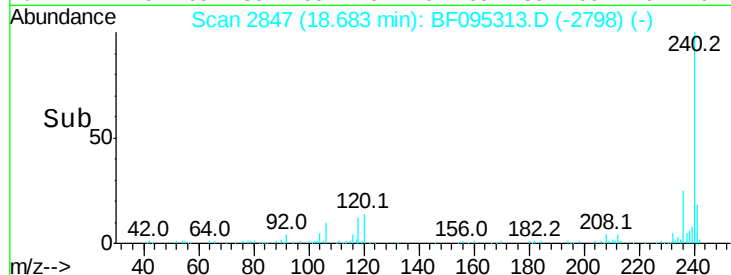
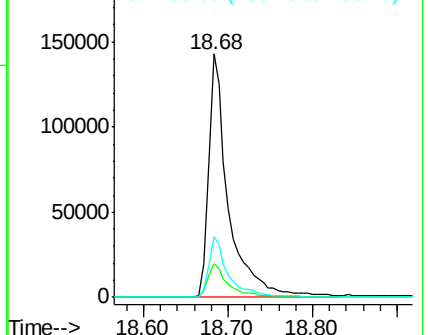
236 25.0 20.5 30.7



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: 62.78 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095313.D

Acq: 22 May 2017 14:42

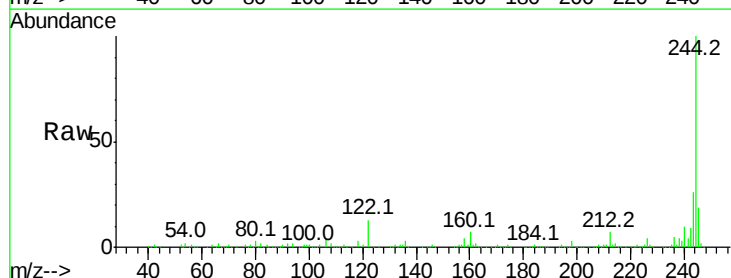
Tgt Ion:244 Resp: 674666

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

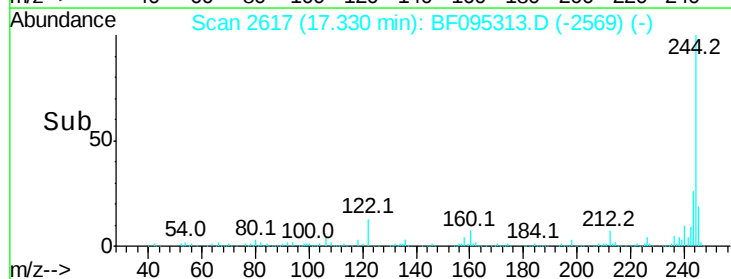
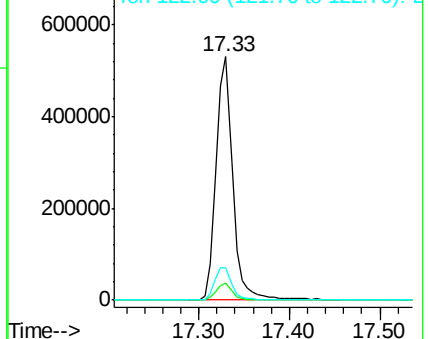
122 13.4 10.3 15.5

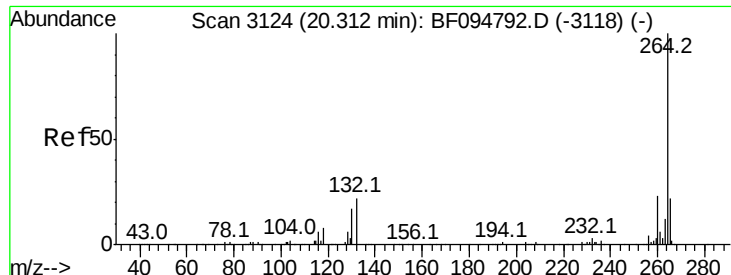


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

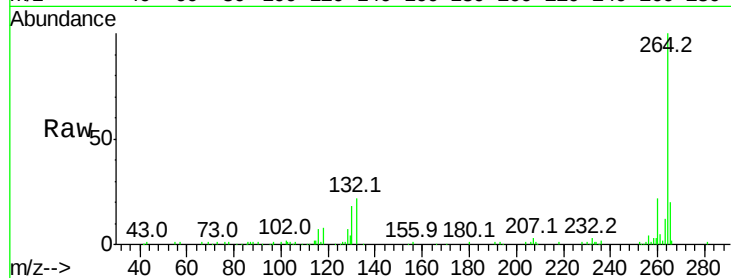




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095313.D
 Acq: 22 May 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	19.8	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

