

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097612.D
 Acq On : 12 Aug 2017 00:35
 Operator : SJ/JU
 Sample : I4631-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-2

Quant Time: Aug 12 06:04:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

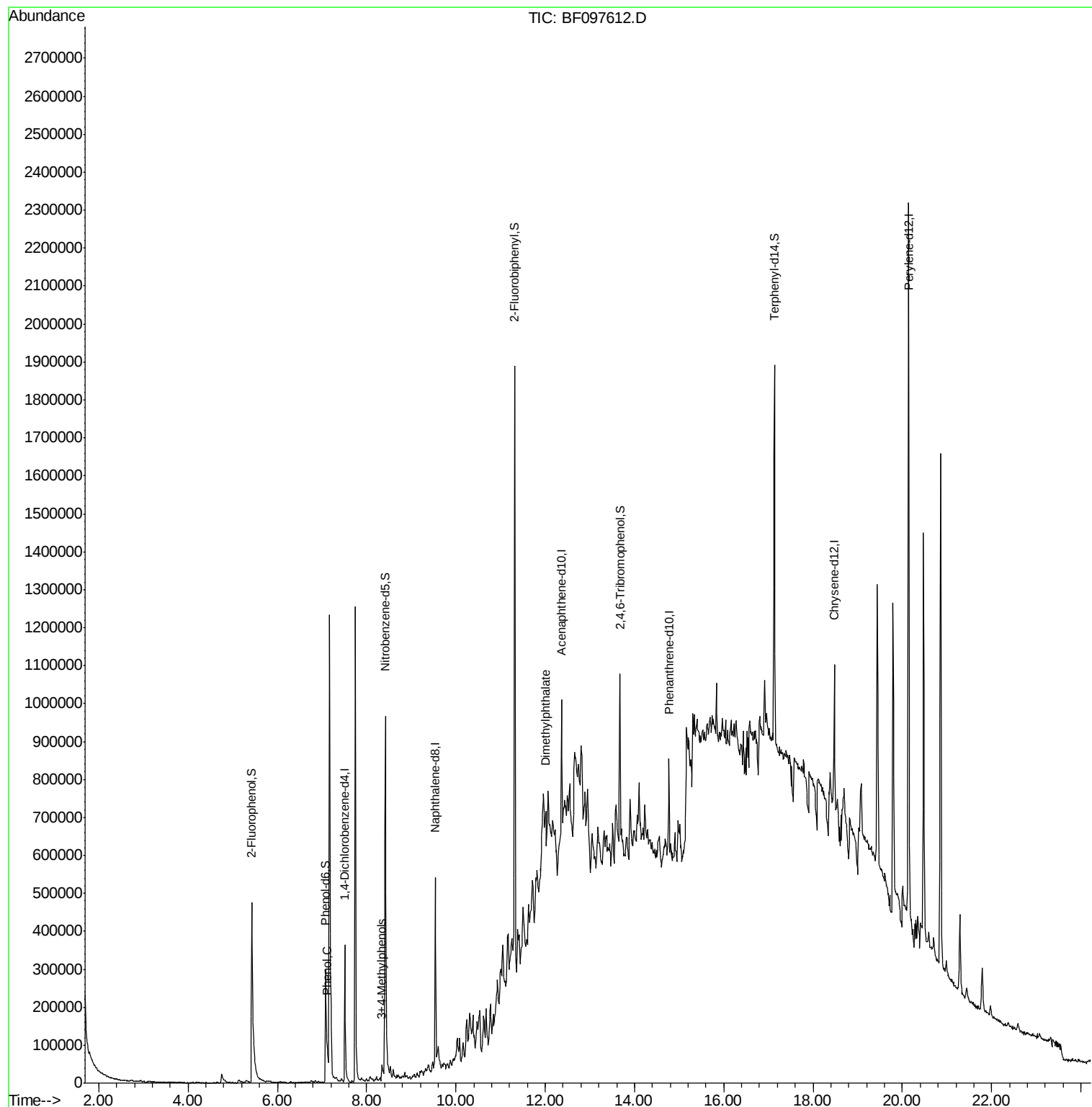
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	82802	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	343023	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	107392	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	122668	20.00	ng	0.01
75) Chrysene-d12	18.47	240	180051	20.00	ng	0.01
86) Perylene-d12	20.14	264	149575	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	326498	62.68	ng	0.02
7) Phenol-d6	7.07	99	252969	39.15	ng	0.02
23) Nitrobenzene-d5	8.42	82	467329	85.43	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	85096	104.24	ng	0.01
44) 2-Fluorobiphenyl	11.32	172	708790	99.61	ng	0.00
78) Terphenyl-d14	17.13	244	474522	54.55	ng	0.01
Target Compounds						
10) Phenol	7.12	94	29180	4.124	ng	92
20) 3+4-Methylphenols	8.34	107	31840	5.617	ng	# 62
49) Dimethylphthalate	12.02	163	39664	4.792	ng	# 92

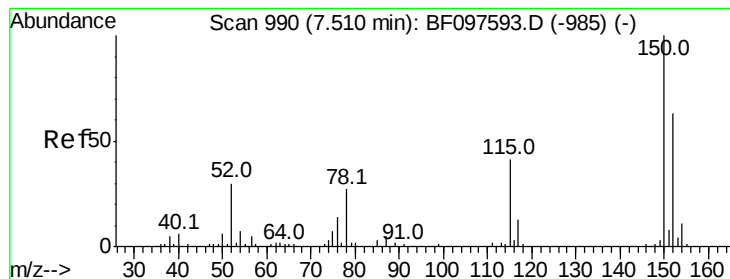
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.51 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

Instrument :

BNA_F

ClientSampleId :

VE-1-2

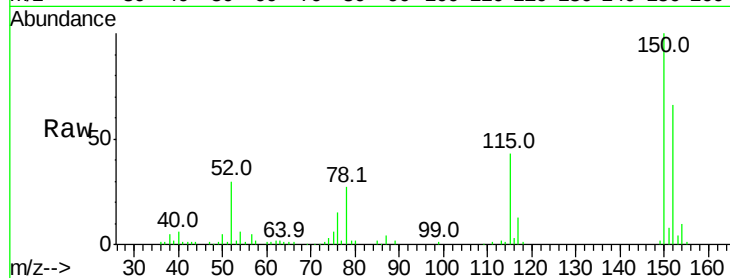
Tot Ion:152 Resp: 82802

Ion Ratio Lower Upper

152 100

150 151.6 126.2 189.2

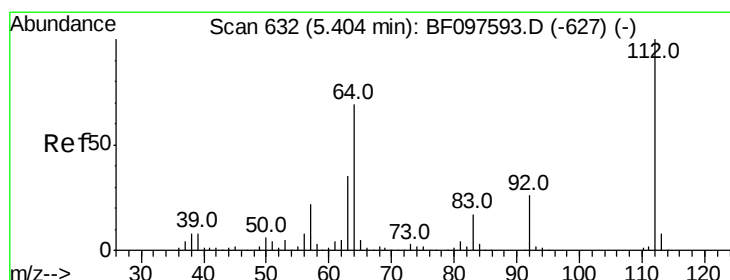
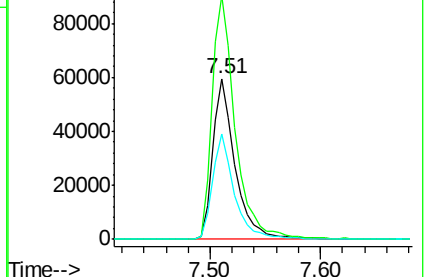
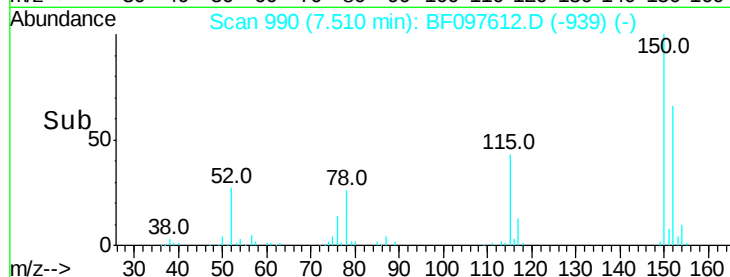
115 65.6 52.2 78.2



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: 62.676 ng

RT: 5.43 min Scan# 636

Delta R.T. 0.02 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

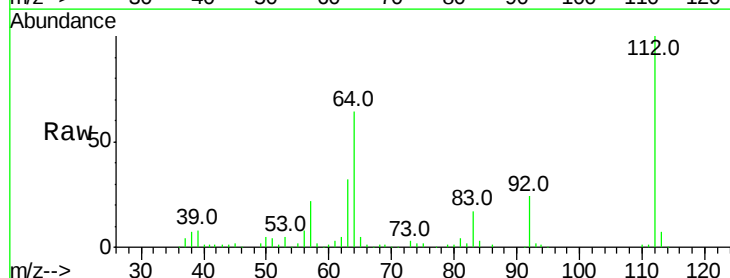
Tgt Ion:112 Resp: 326498

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

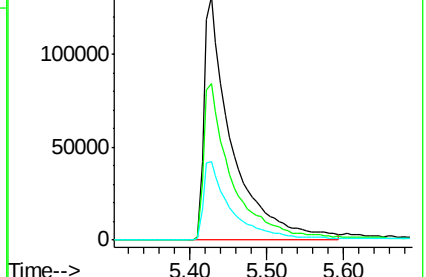
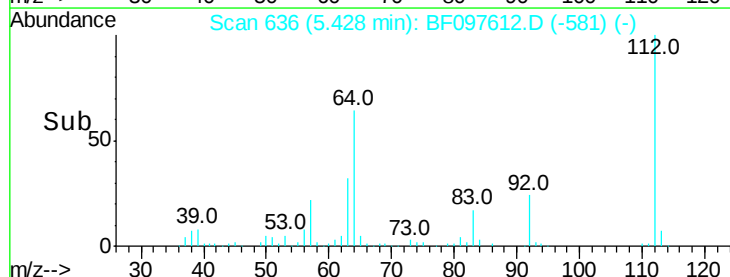
63 32.3 23.4 35.0

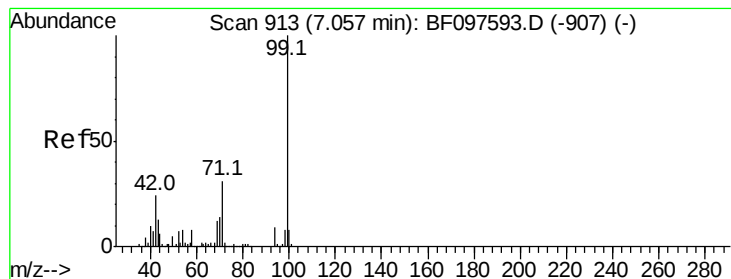


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.146 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

Instrument :

BNA_F

ClientSampleId :

VE-1-2

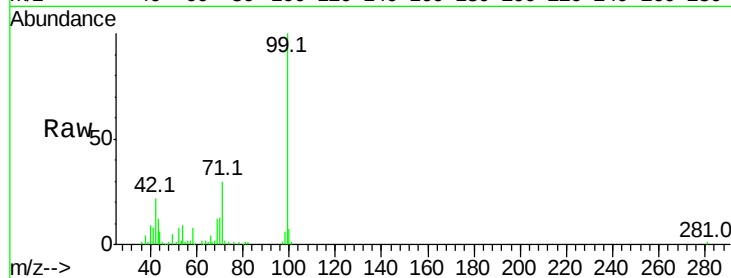
Tot Ion: 99 Resp: 252969

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

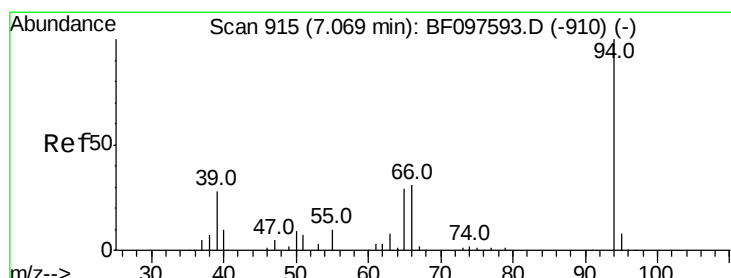
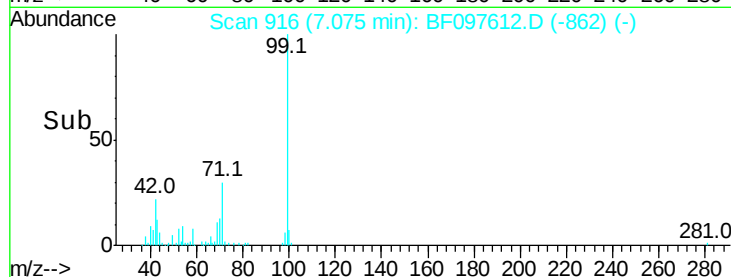
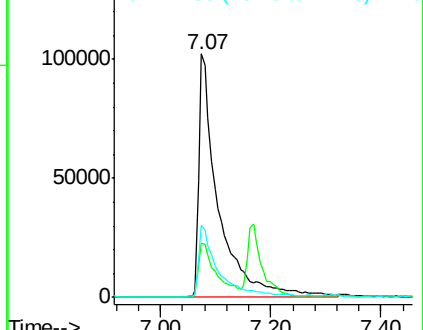
71 29.6 24.5 36.7



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: 4.124 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.05 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

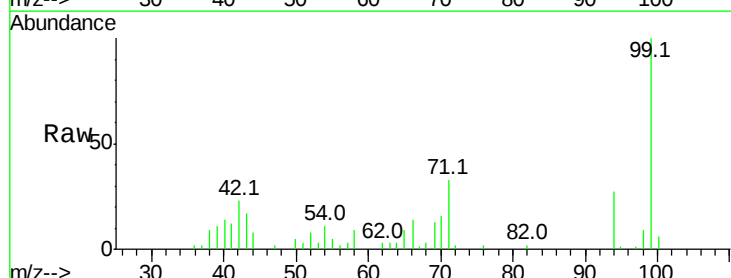
Tgt Ion: 94 Resp: 29180

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

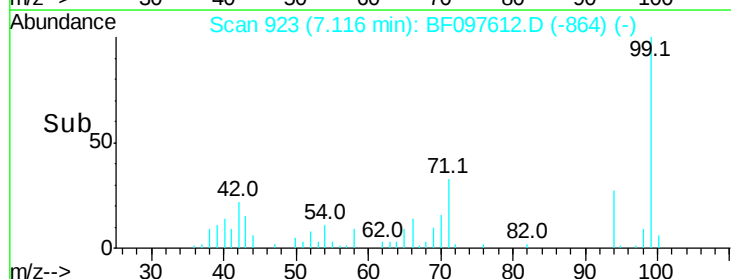
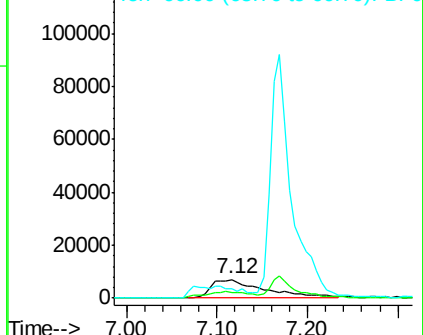
66 49.4 23.1 63.1

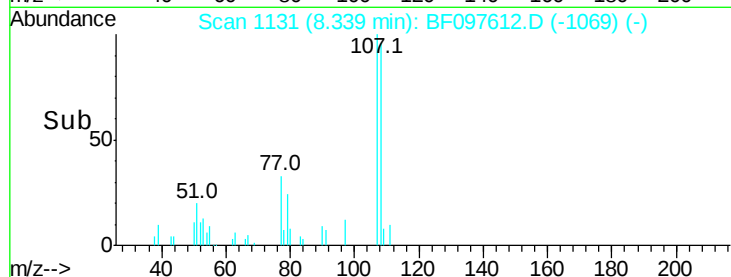
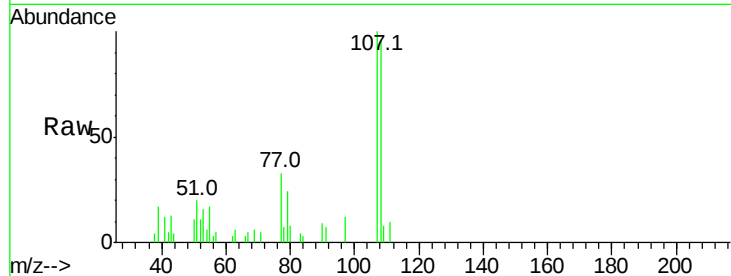
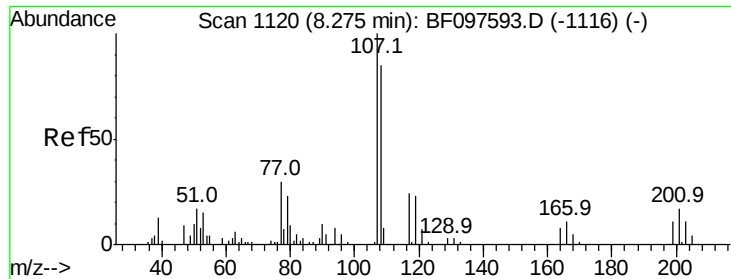


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

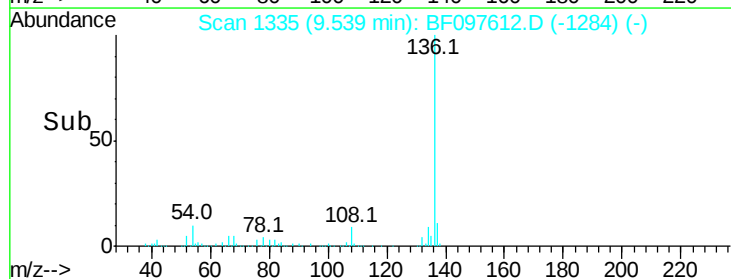
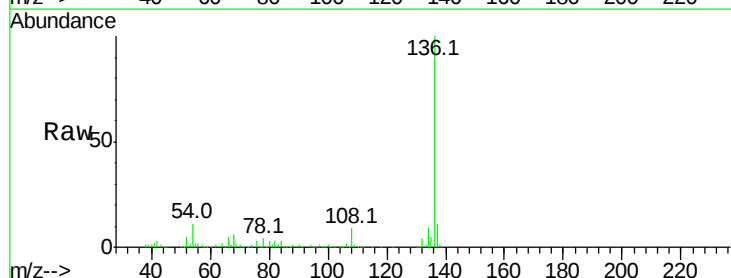
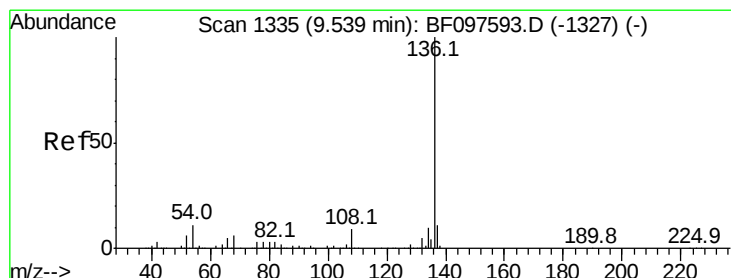
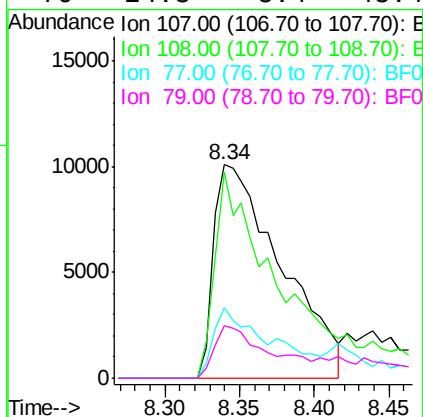




#20
3+4-Methylphenols
Concen: 5.617 ng
RT: 8.34 min Scan# 1131
Delta R.T. 0.06 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

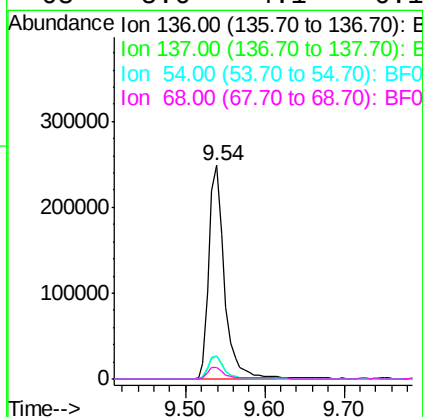
Instrument :
BNA_F
ClientSampleId :
VE-1-2

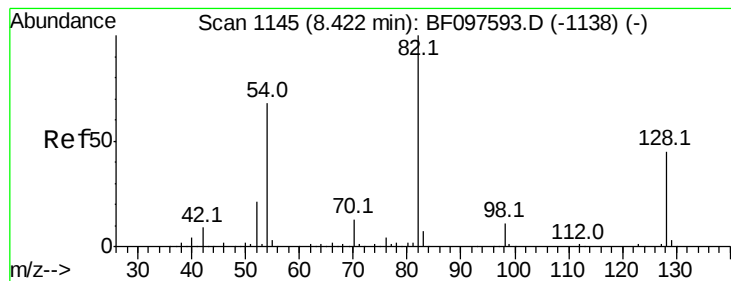
Tot Ion:107 Resp: 31840
Ion Ratio Lower Upper
107 100
108 96.4 71.0 111.0
77 33.2 90.5 130.5#
79 24.3 8.4 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.54 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:136 Resp: 343023
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.6 4.9 7.3#
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.428 ng

RT: 8.42 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

Instrument :

BNA_F

ClientSampleId :

VE-1-2

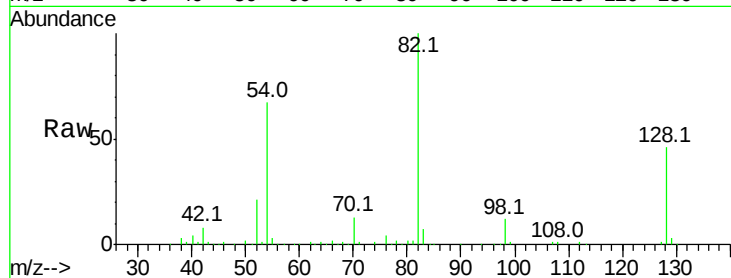
Tot Ion: 82 Resp: 467329

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

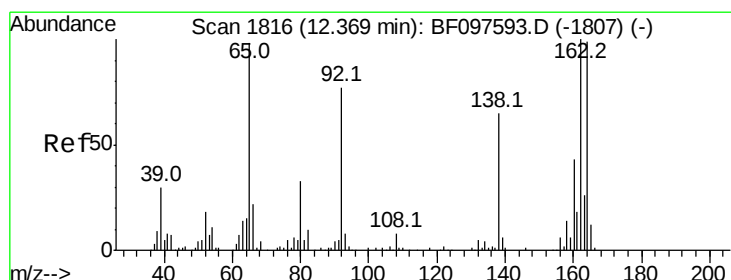
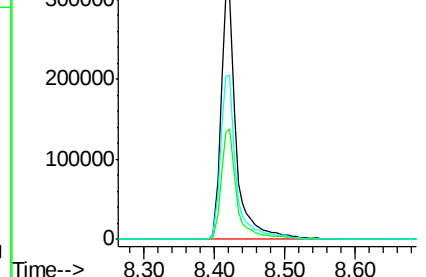
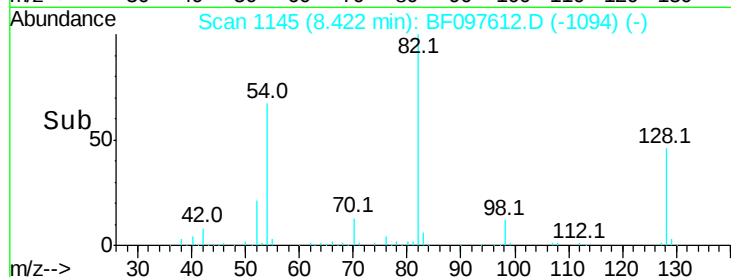
54 67.3 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.37 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

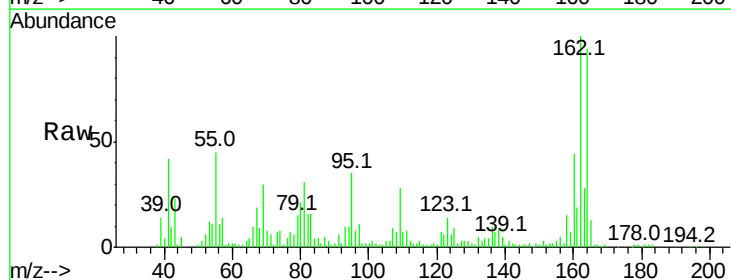
Tgt Ion:164 Resp: 107392

Ion Ratio Lower Upper

164 100

162 106.6 82.6 123.8

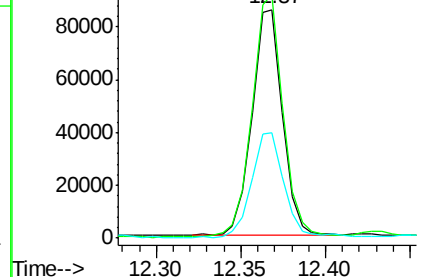
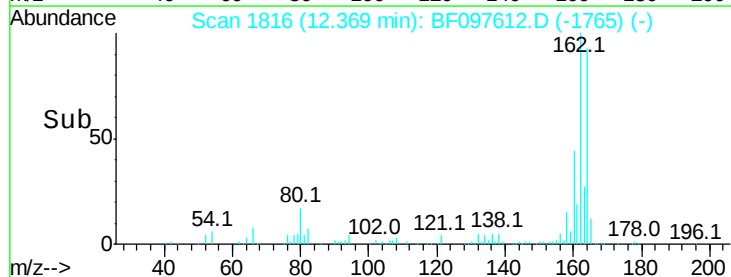
160 46.4 36.2 54.2

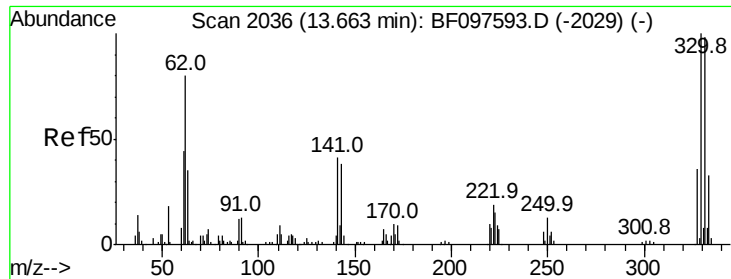


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

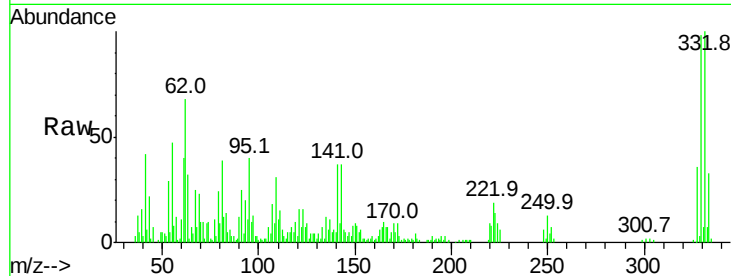




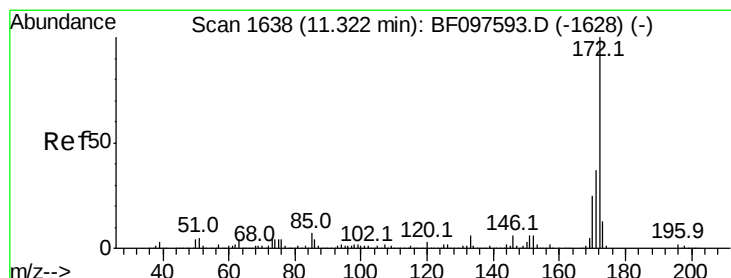
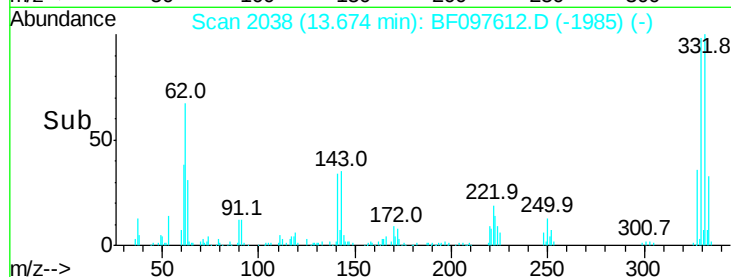
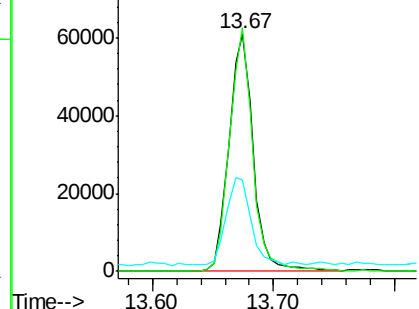
#41
 2,4,6-Tribromophenol
 Concen: 104.236 ng
 RT: 13.67 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF097612.D
 Acq: 12 Aug 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-2

Tot Ion:330 Resp: 85096
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 36.9 31.4 47.2

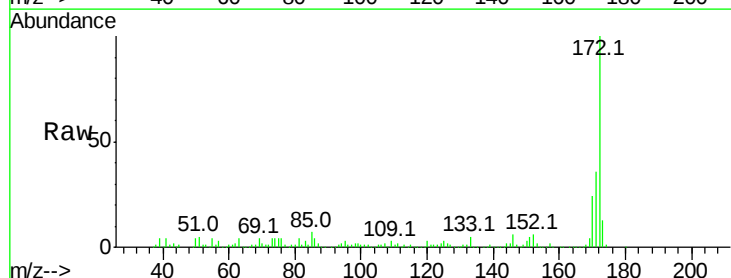


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

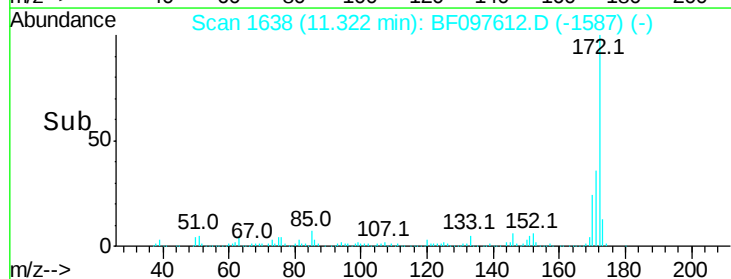
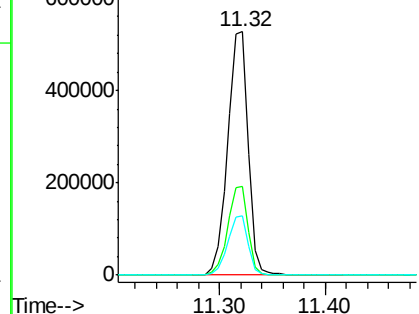


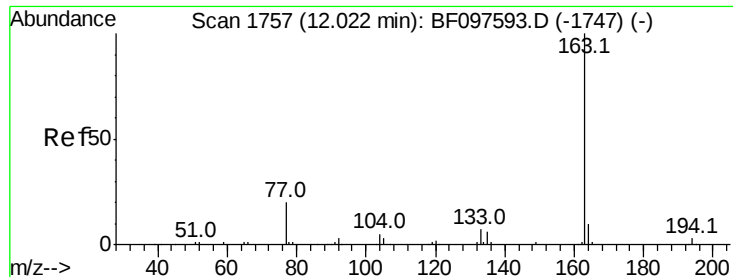
#44
 2-Fluorobiphenyl
 Concen: 99.607 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF097612.D
 Acq: 12 Aug 2017 00:35

Tgt Ion:172 Resp: 708790
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 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

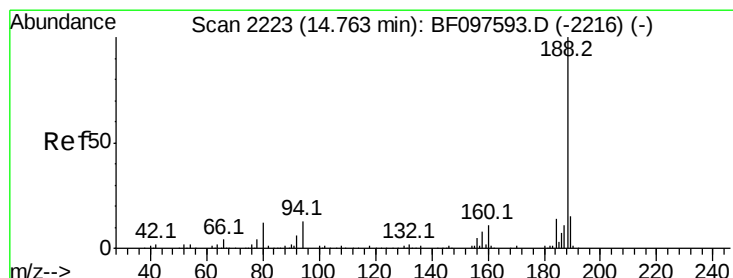
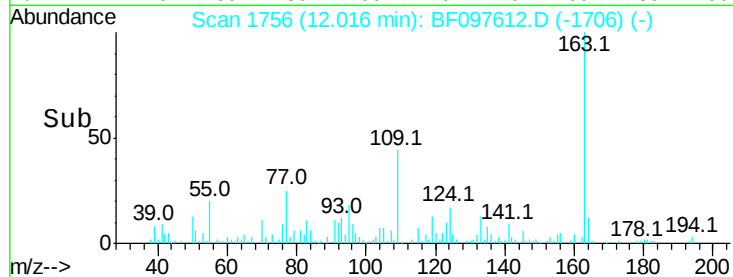
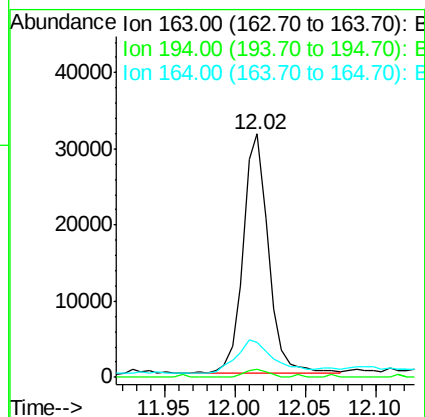
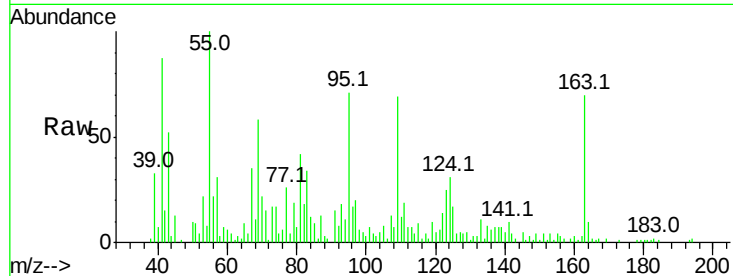




#49
Dimethylphthalate
Concen: 4.792 ng
RT: 12.02 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

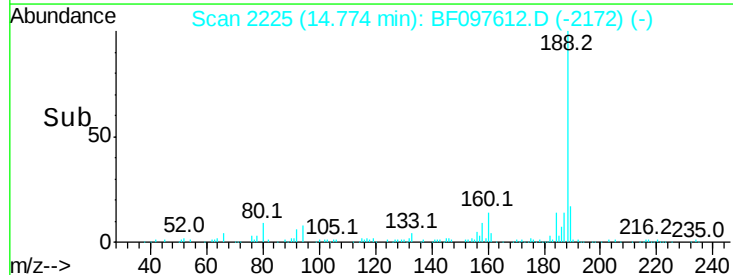
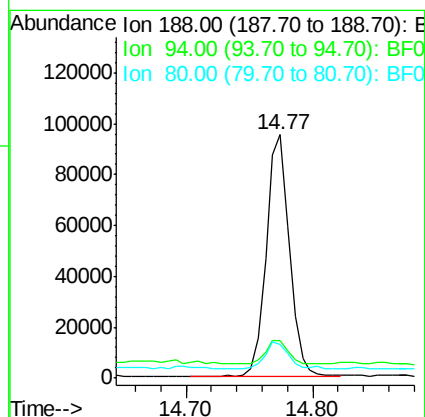
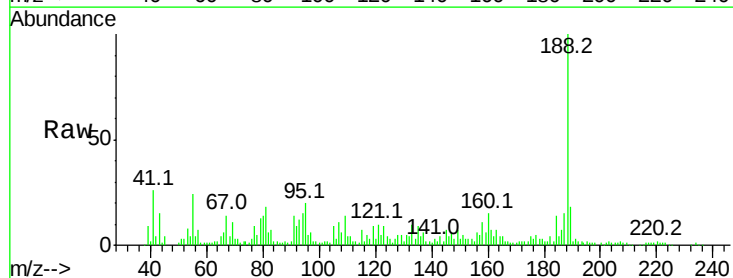
Instrument :
BNA_F
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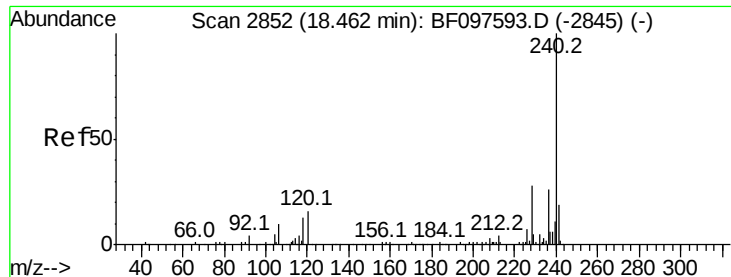
Tot Ion:163 Resp: 39664
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 14.3 8.4 12.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:188 Resp: 122668
Ion Ratio Lower Upper
188 100
94 15.2 9.4 14.2#
80 13.7 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.47 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

Instrument :

BNA_F

ClientSampleId :

VE-1-2

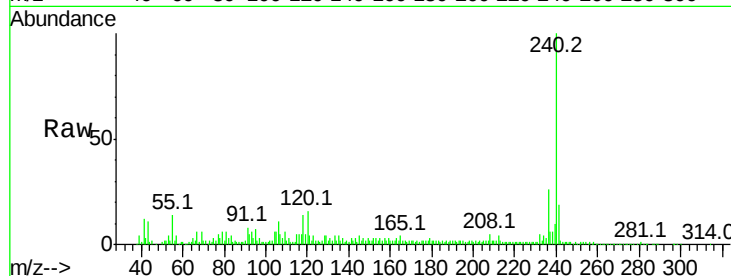
Tot Ion:240 Resp: 180051

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

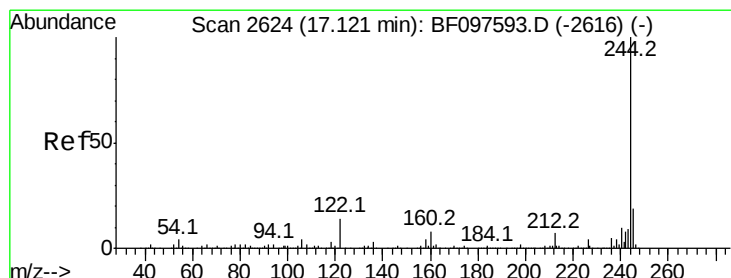
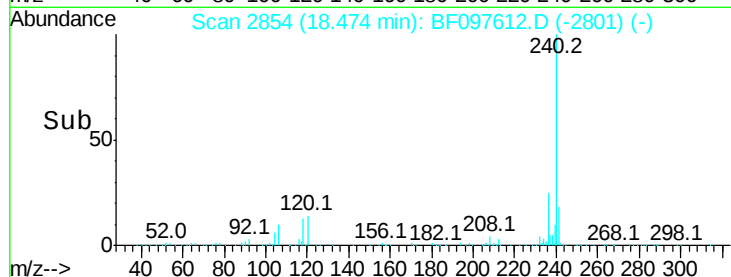
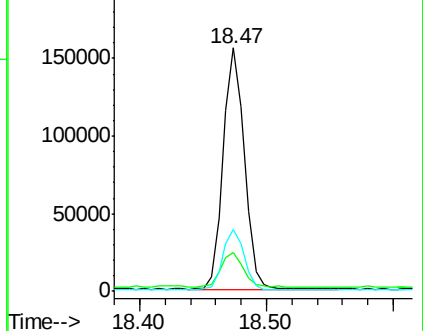
236 25.7 20.5 30.7



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: 54.546 ng

RT: 17.13 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF097612.D

Acq: 12 Aug 2017 00:35

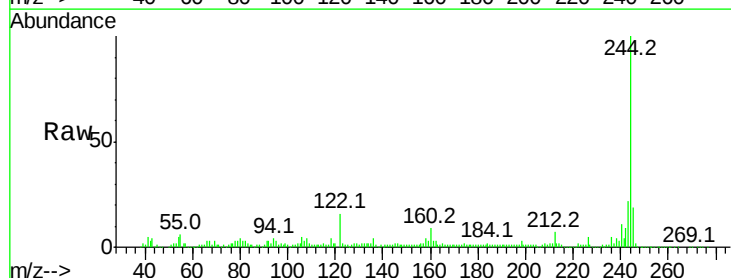
Tgt Ion:244 Resp: 474522

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

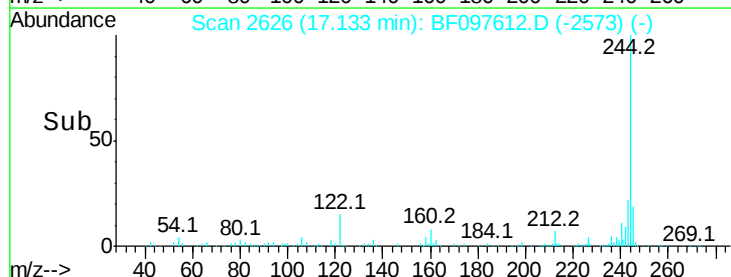
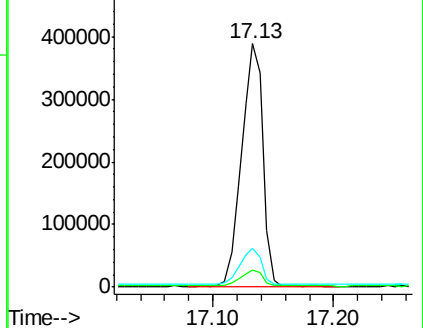
122 15.9 10.3 15.5#

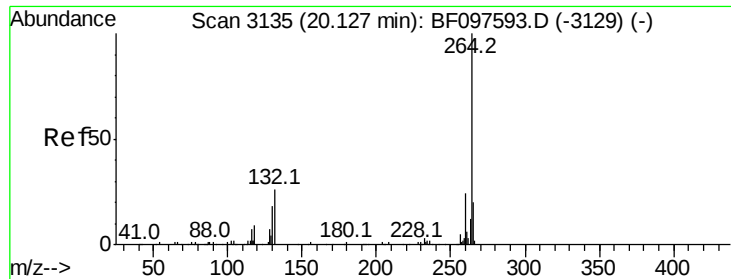


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

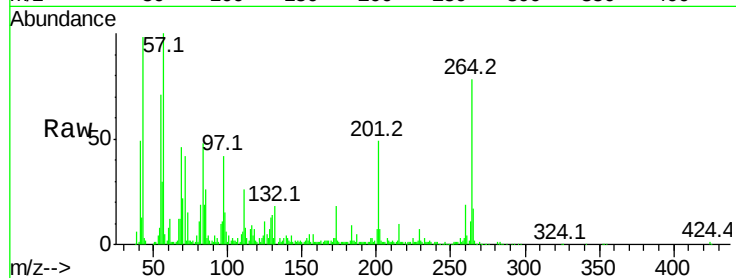




#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.14 min Scan# 3138
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	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

