

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097647.D
 Acq On : 12 Aug 2017 22:01
 Operator : SJ/JU
 Sample : I4631-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11

Quant Time: Aug 14 05:22:36 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

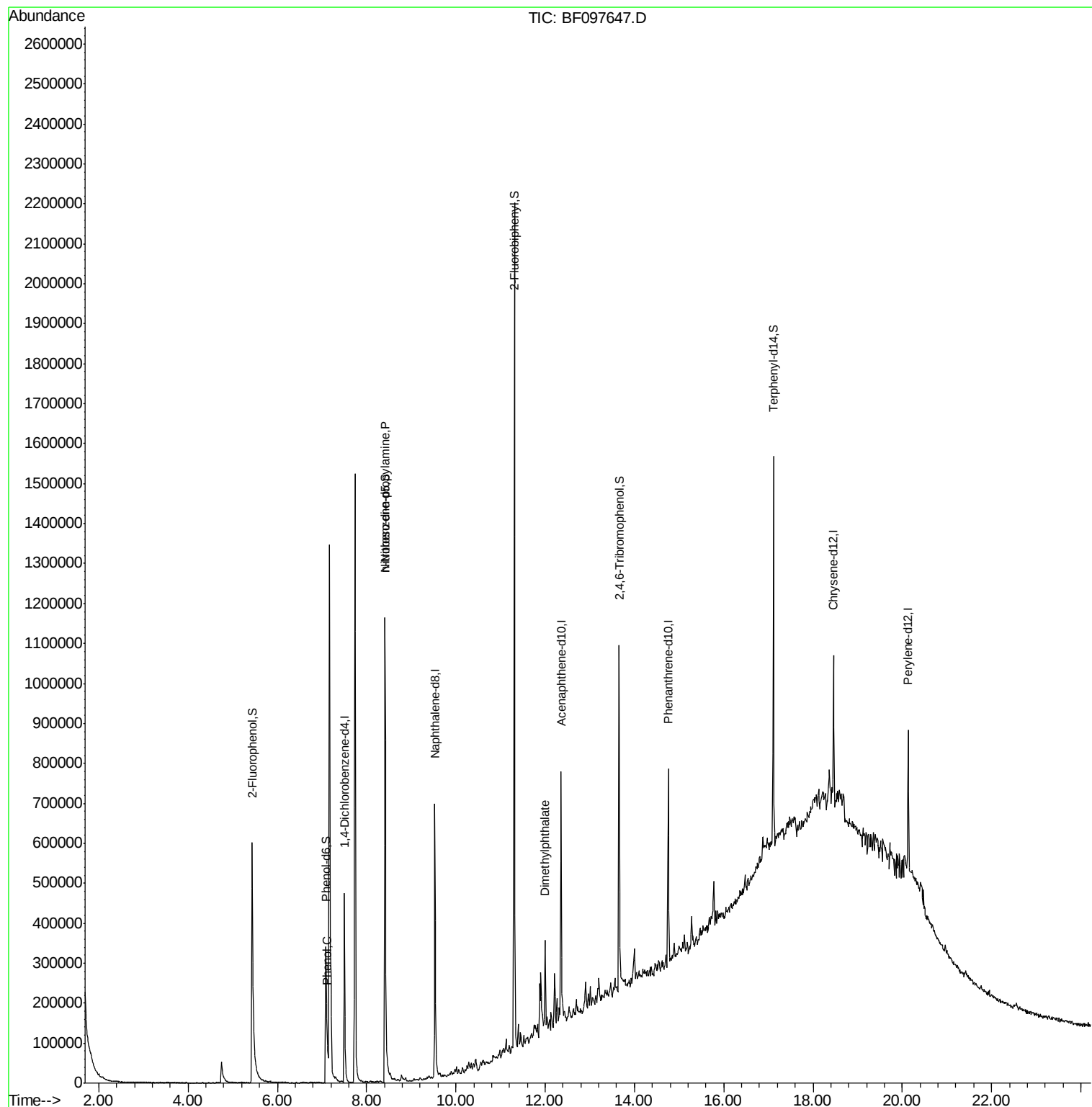
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	107930	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	470880	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	176291	20.00	ng	-0.02
63) Phenanthrene-d10	14.76	188	234295	20.00	ng	0.00
75) Chrysene-d12	18.46	240	168456	20.00	ng	0.00
86) Perylene-d12	20.13	264	159874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	401016	59.06	ng	0.03
7) Phenol-d6	7.09	99	262593	31.17	ng	0.03
23) Nitrobenzene-d5	8.42	82	551276	73.41	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	136518	101.87	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	961037	82.27	ng	-0.01
78) Terphenyl-d14	17.12	244	426148	52.36	ng	0.00
Target Compounds						
10) Phenol	7.12	94	20143	2.18	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	8.42	70	72399	12.36	ng	# 86
49) Dimethylphthalate	12.00	163	120957	8.90	ng	98

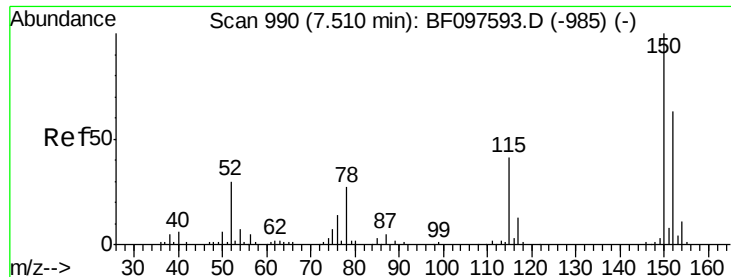
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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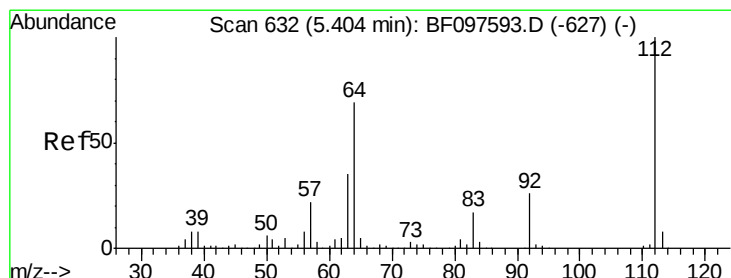
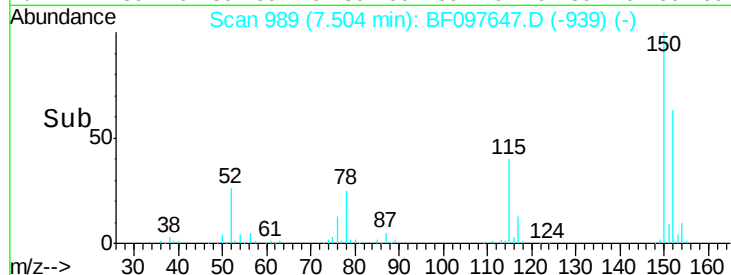
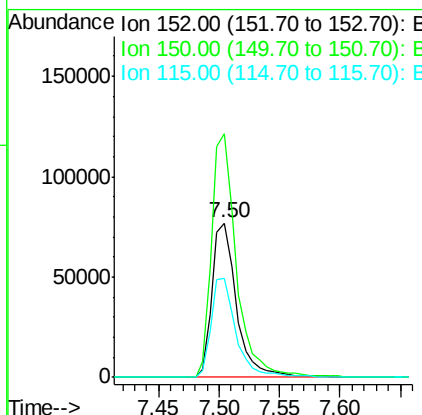
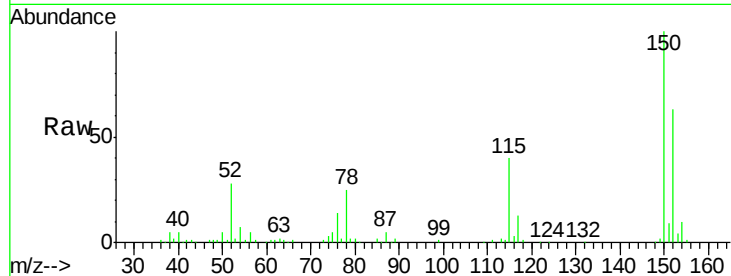


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Instrument :
BNA_F
ClientSampleId :
VE-4-11

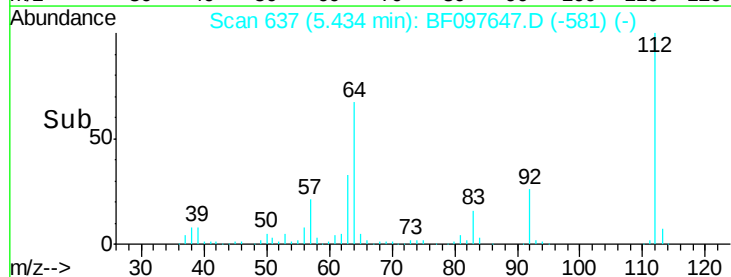
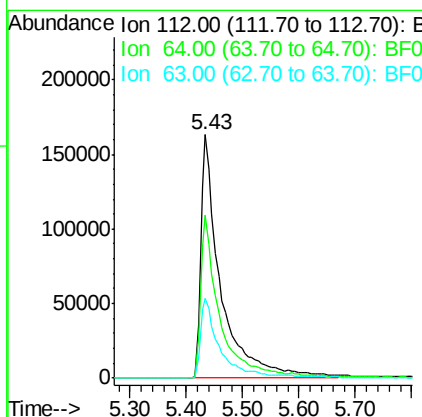
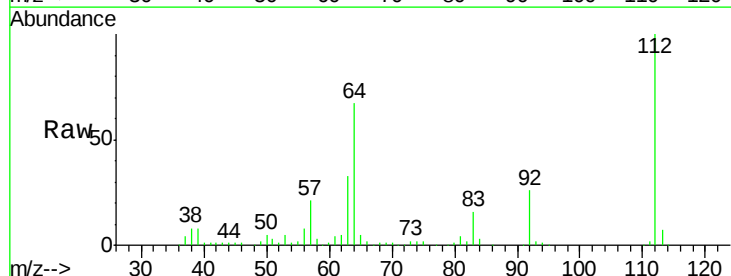
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	63.9	52.2	78.2

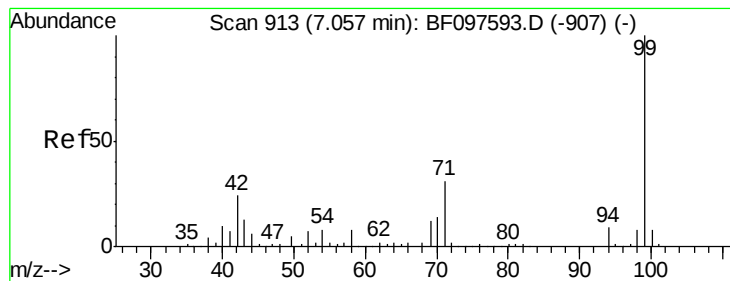


#5

2-Fluorophenol
Concen: 59.06 ng
RT: 5.43 min Scan# 637
Delta R.T. 0.03 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	32.8	23.4	35.0





#7

Phenol-d6

Concen: 31.17 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.03 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampled :

VE-4-11

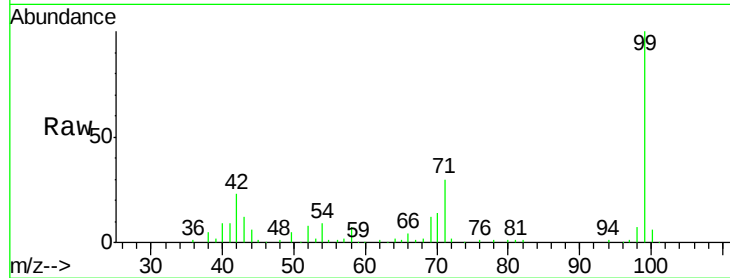
Tot Ion: 99 Resp: 262593

Ion Ratio Lower Upper

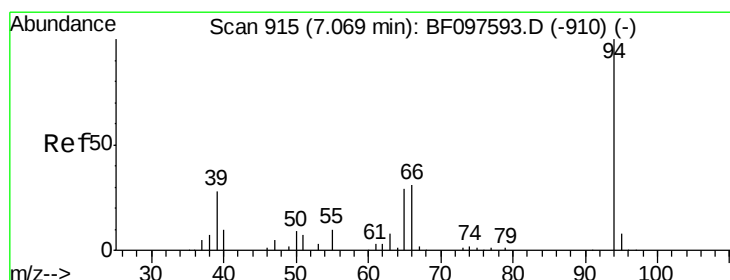
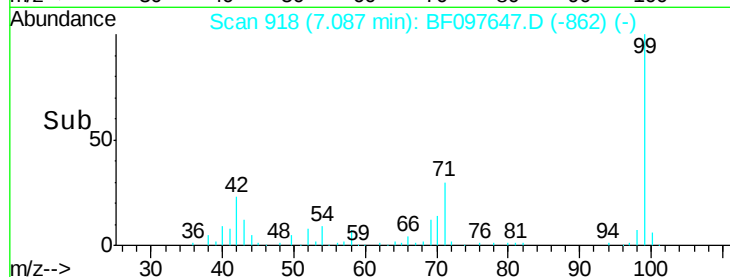
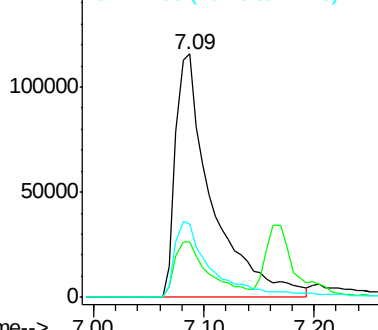
99 100

42 22.7 13.5 20.3#

71 30.2 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



#10

Phenol

Concen: 2.18 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.05 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

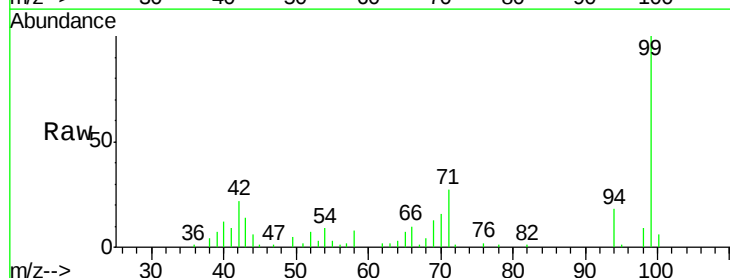
Tgt Ion: 94 Resp: 20143

Ion Ratio Lower Upper

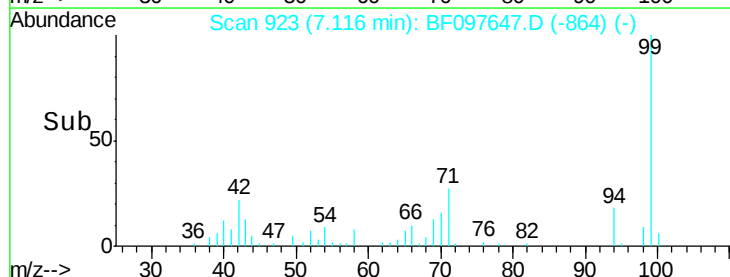
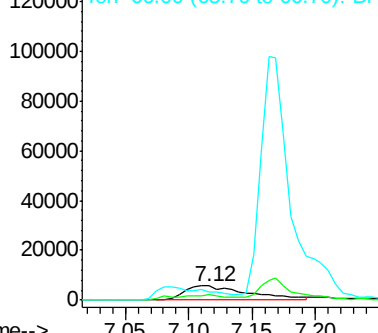
94 100

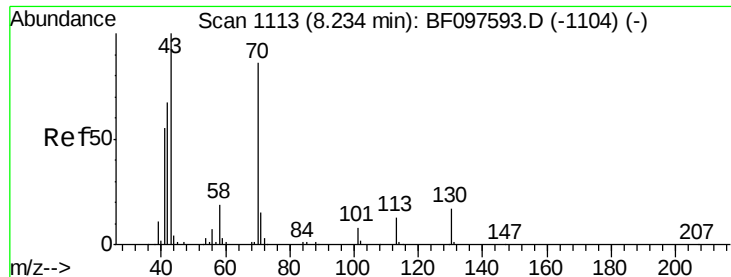
65 40.1 9.9 49.9

66 56.3 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

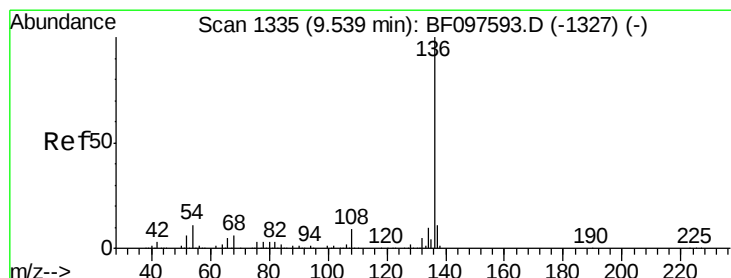
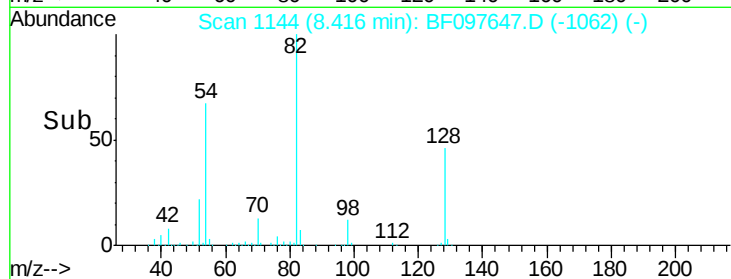
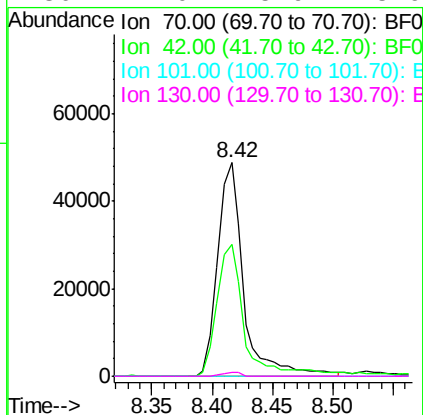
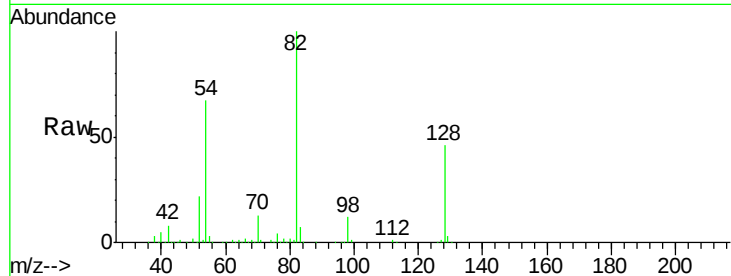




#19
n-Nitroso-di-n-propylamine
Concen: 12.36 ng
RT: 8.42 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

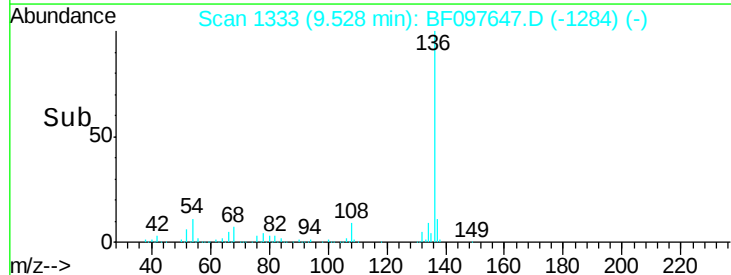
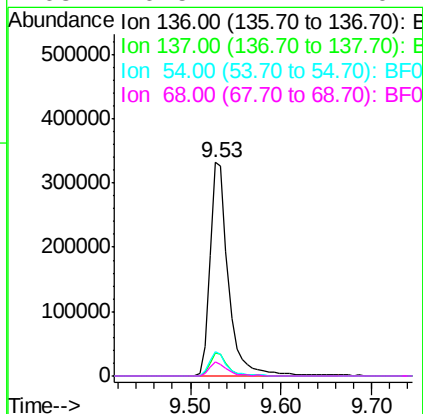
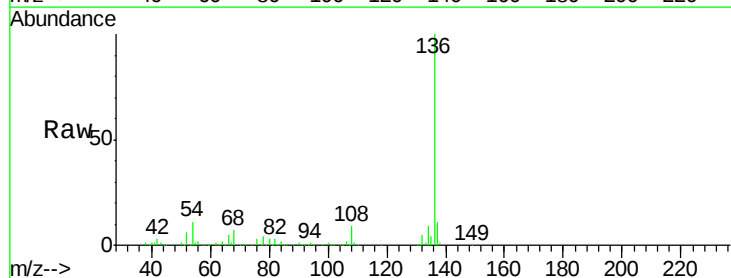
Instrument :
BNA_F
ClientSampleId :
VE-4-11

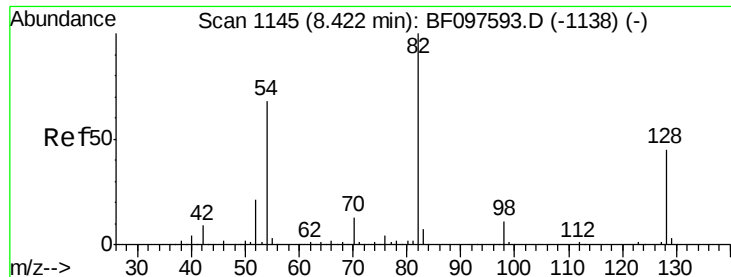
Tot Ion: 70 Resp: 72399
Ion Ratio Lower Upper
70 100
42 61.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Tgt Ion: 136 Resp: 470880
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.2 4.9 7.3#
68 6.5 4.1 6.1#

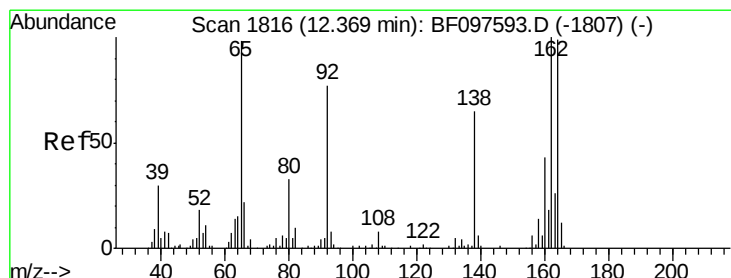
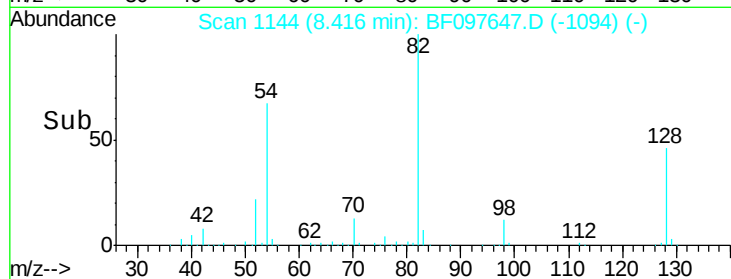
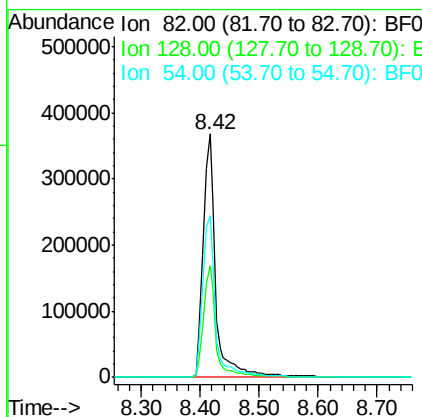
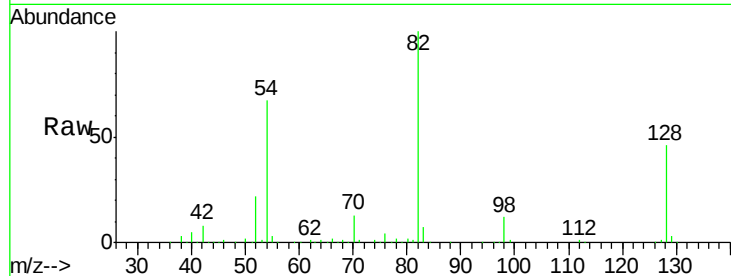




#23
 Nitrobenzene-d5
 Concen: 73.41 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097647.D
 Acq: 12 Aug 2017 22:01

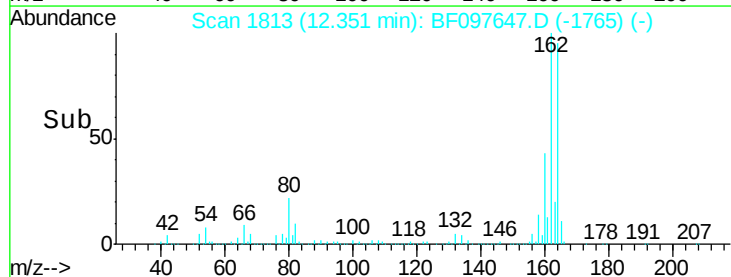
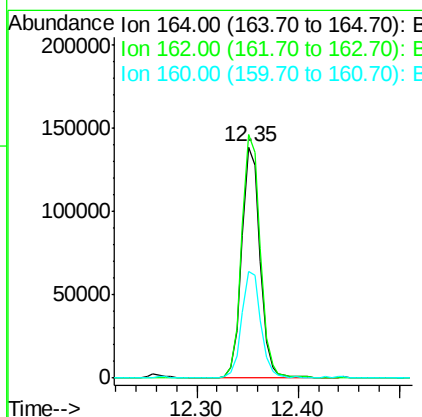
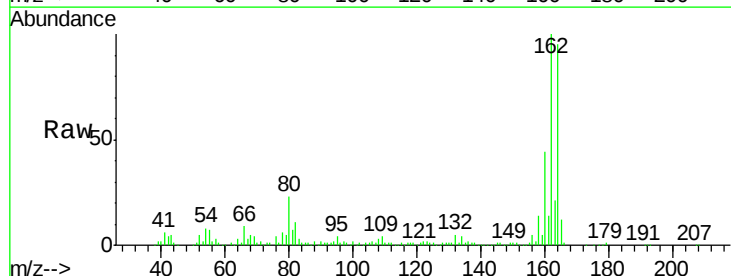
Instrument :
 BNA_F
 ClientSampled :
 VE-4-11

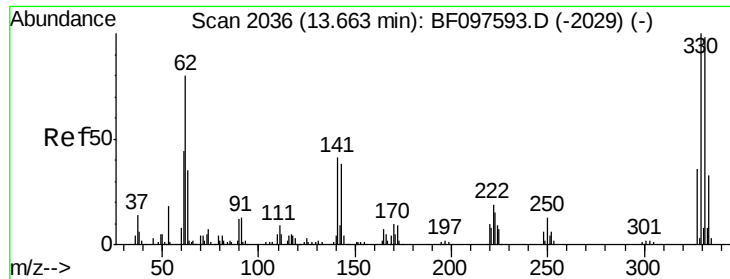
Tot Ion: 82 Resp: 551276
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 66.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097647.D
 Acq: 12 Aug 2017 22:01

Tgt Ion:164 Resp: 176291
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 46.1 36.2 54.2

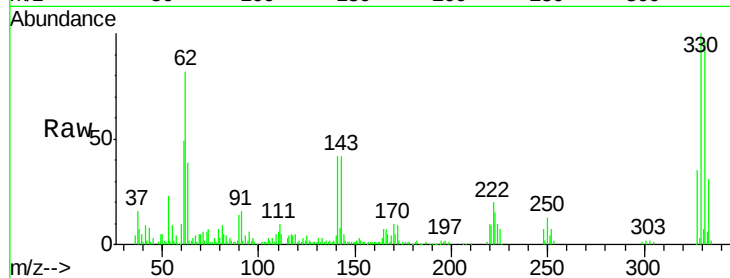




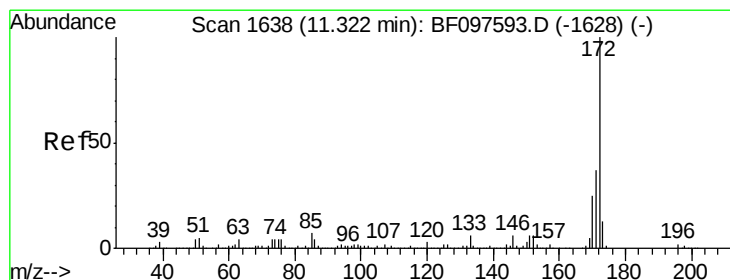
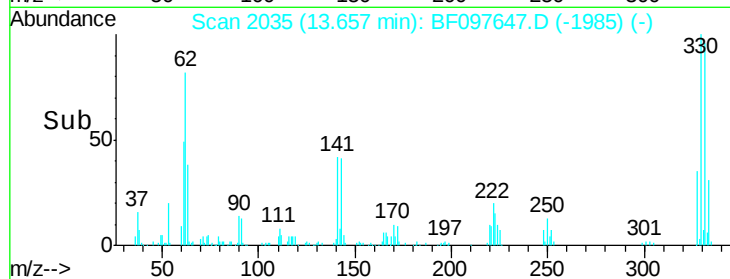
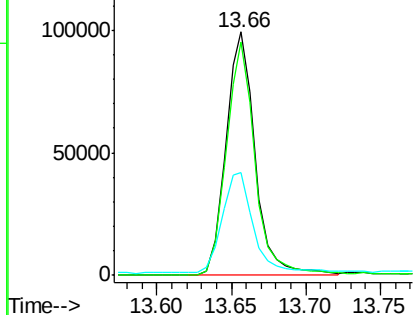
#41
 2,4,6-Tribromophenol
 Concen: 101.87 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097647.D
 Acq: 12 Aug 2017 22:01

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	43.8	31.4	47.2

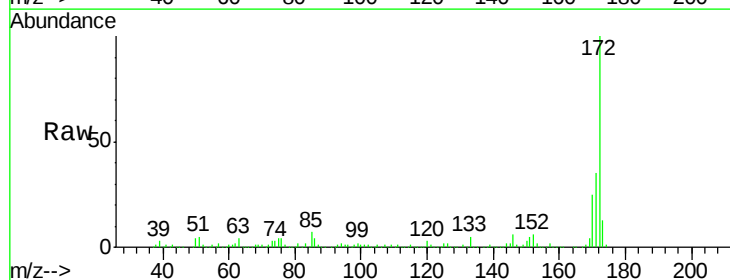


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

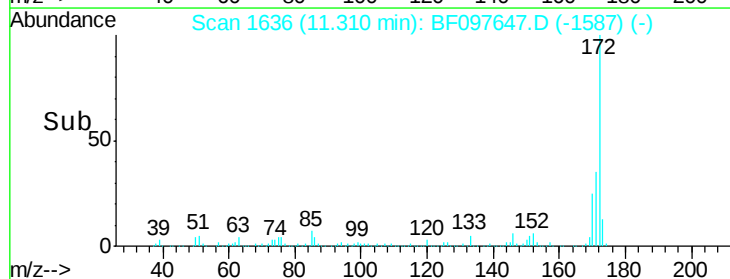
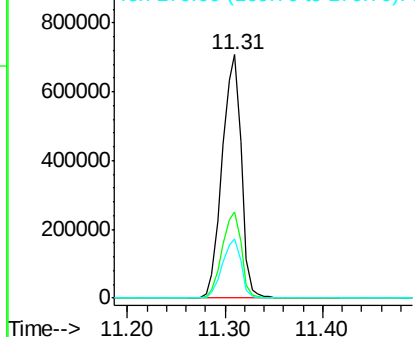


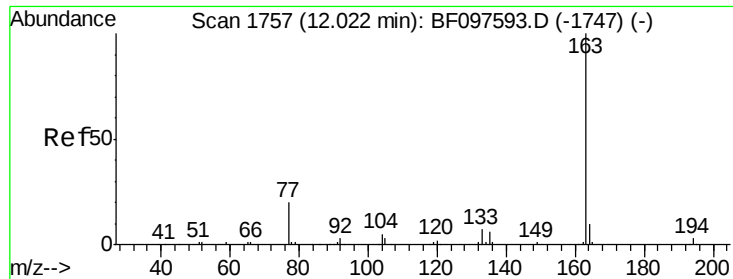
#44
 2-Fluorobiphenyl
 Concen: 82.27 ng
 RT: 11.31 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF097647.D
 Acq: 12 Aug 2017 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.6	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: 8.90 ng

RT: 12.00 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

VE-4-11

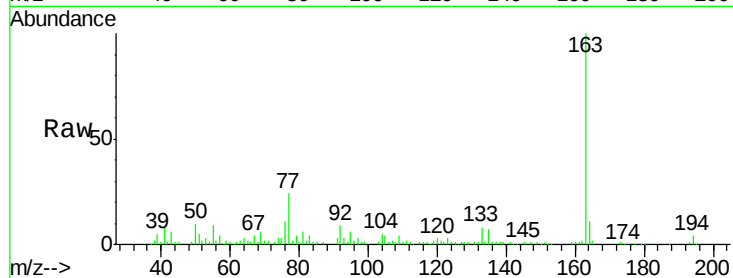
Tot Ion:163 Resp: 120957

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

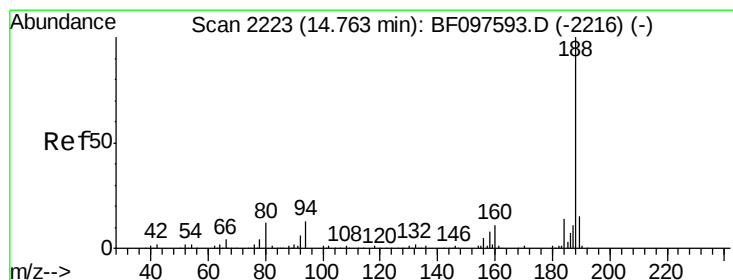
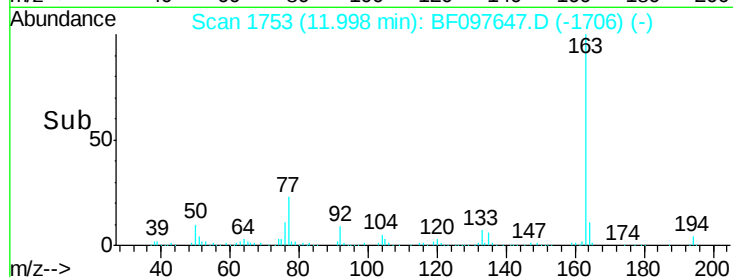
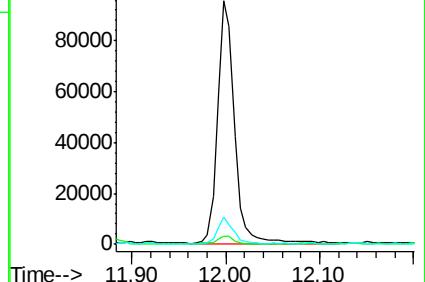
164 11.4 8.4 12.6



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: 14.76 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

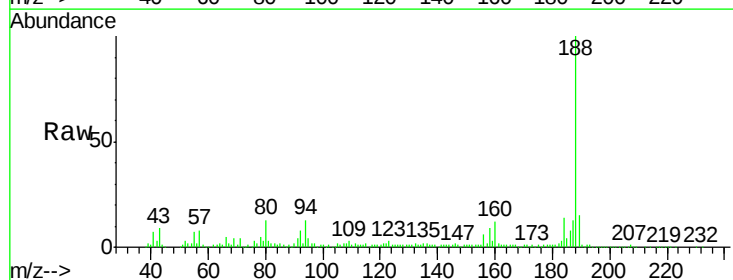
Tgt Ion:188 Resp: 234295

Ion Ratio Lower Upper

188 100

94 13.0 9.4 14.2

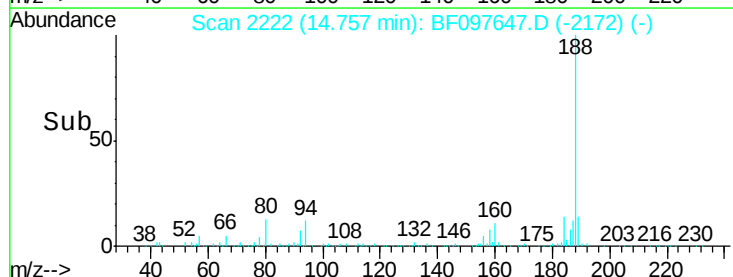
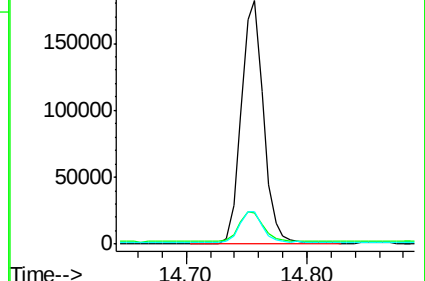
80 13.2 10.2 15.2

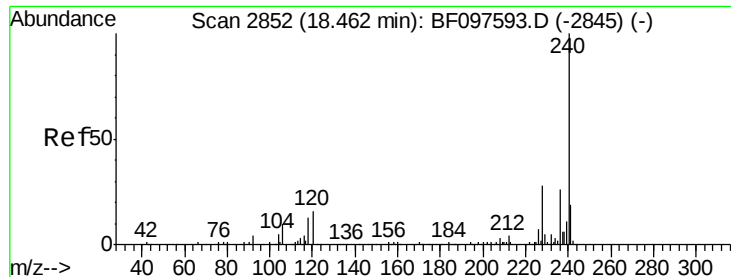


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

VE-4-11

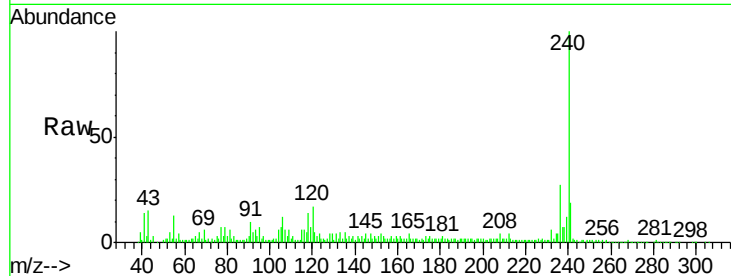
Tot Ion:240 Resp: 168456

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

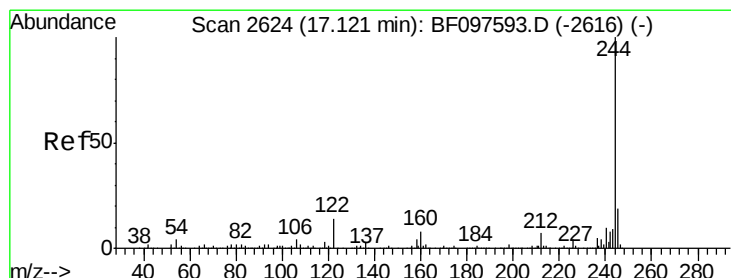
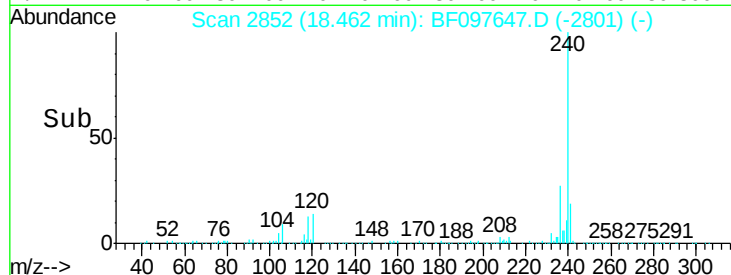
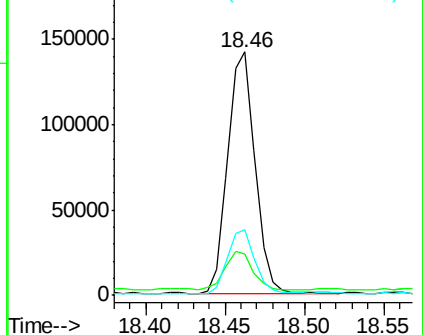
236 27.0 20.5 30.7



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: 52.36 ng

RT: 17.12 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

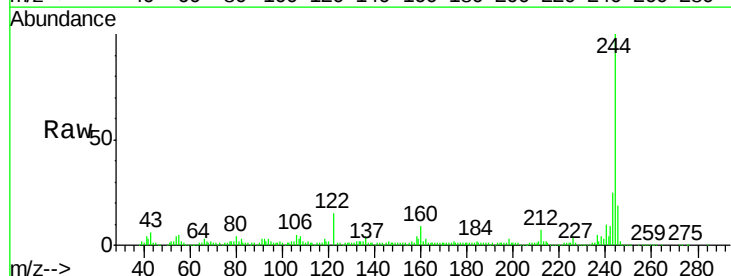
Tgt Ion:244 Resp: 426148

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

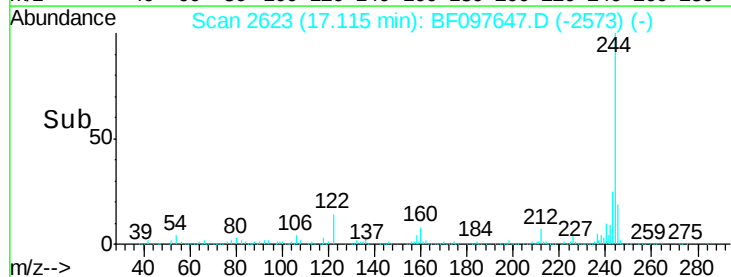
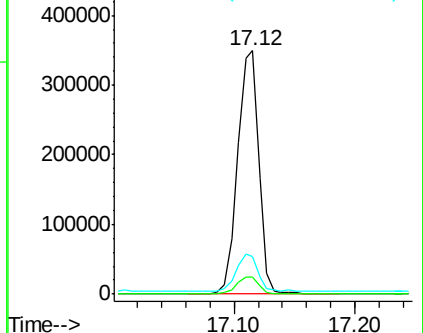
122 15.2 10.3 15.5

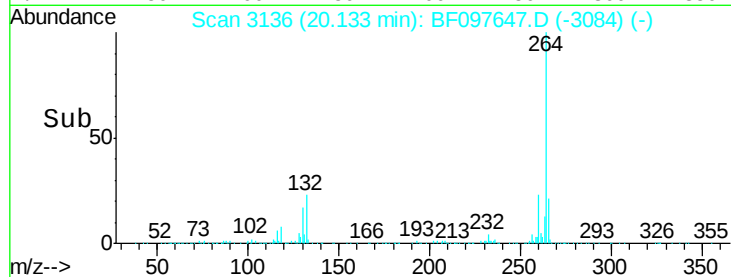
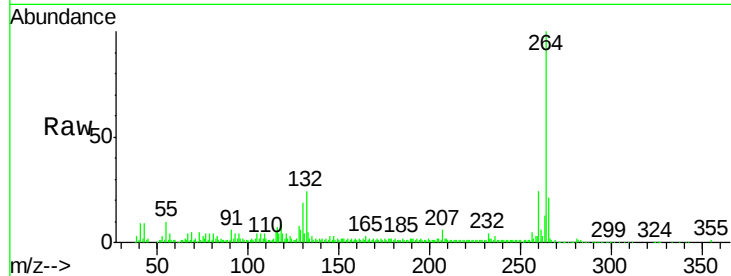
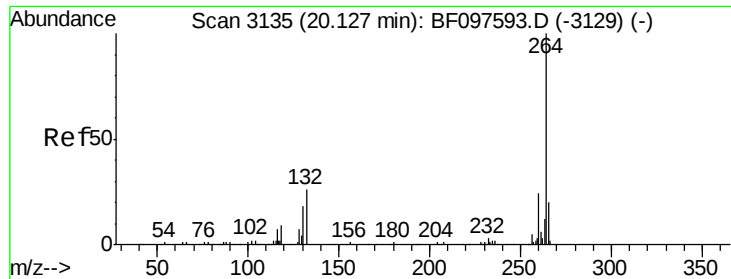


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.13 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Instrument :
BNA_F
ClientSampleId :
VE-4-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8

