

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097615.D
 Acq On : 12 Aug 2017 2:14
 Operator : SJ/JU
 Sample : I4631-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-4

Quant Time: Aug 12 03:19:31 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

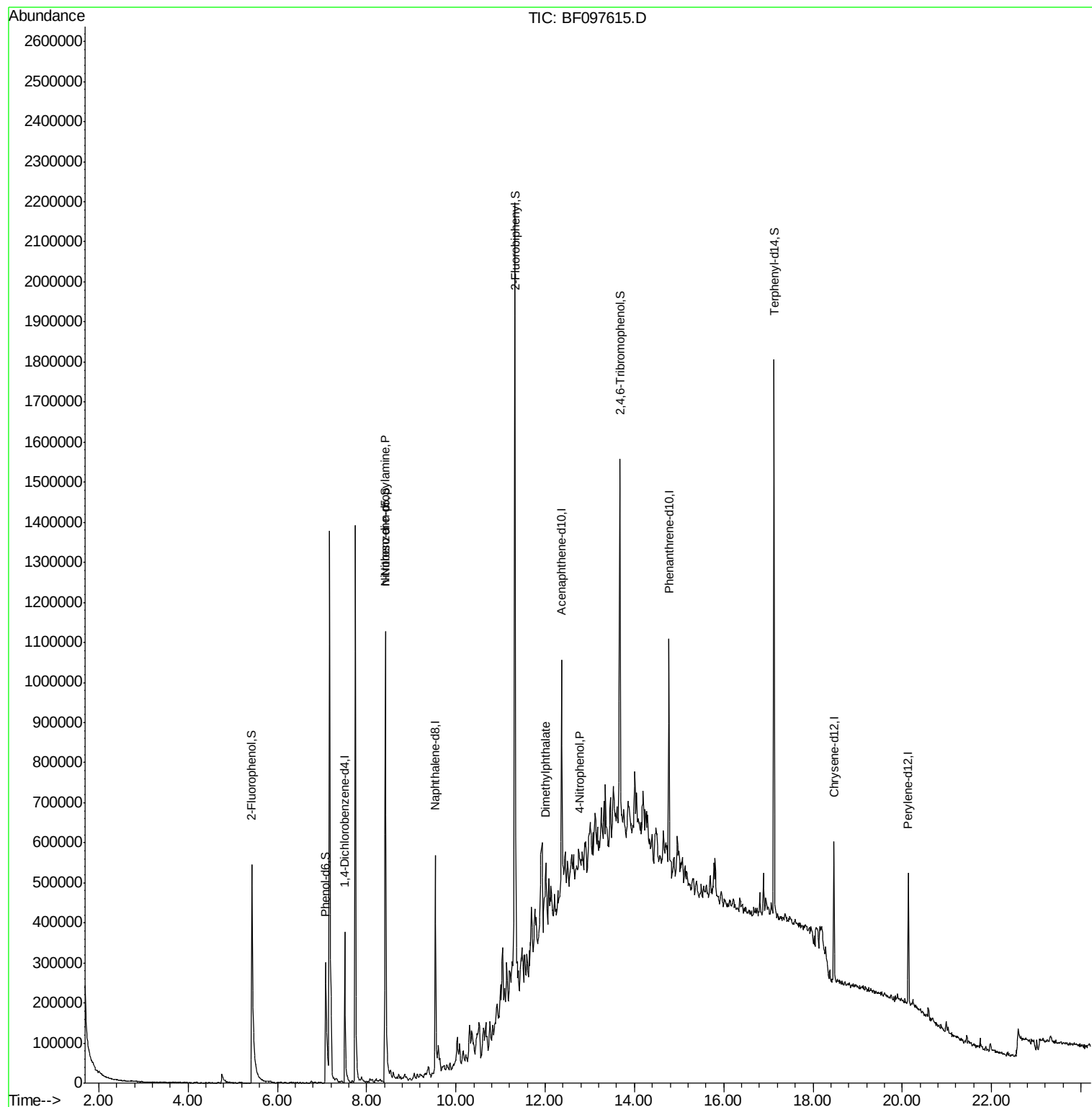
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86051	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	362725	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	170201	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	277815	20.00	ng	0.00
75) Chrysene-d12	18.47	240	145656	20.00	ng	0.00
86) Perylene-d12	20.13	264	134353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	363455	67.14	ng	0.02
7) Phenol-d6	7.08	99	250315	37.27	ng	0.02
23) Nitrobenzene-d5	8.42	82	519548	89.81	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	171954	132.90	ng	0.01
44) 2-Fluorobiphenyl	11.32	172	952016	84.42	ng	0.00
78) Terphenyl-d14	17.13	244	586973	83.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.42	70	71287	15.26	ng	# 88
49) Dimethylphthalate	12.02	163	32343	2.47	ng	# 95
55) 4-Nitrophenol	12.77	139	3419	2.53	ng	# 1

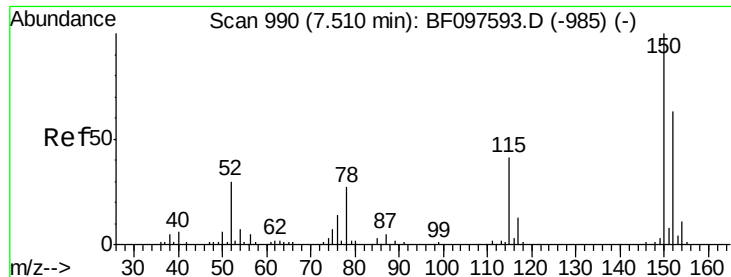
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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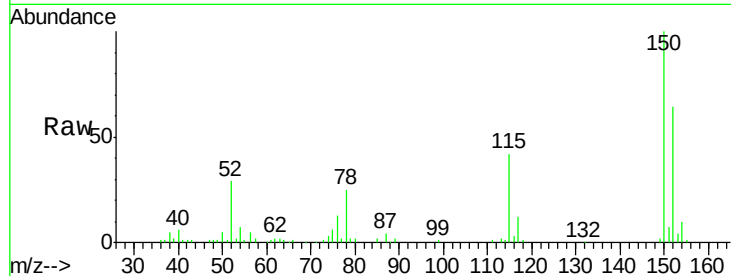


#1

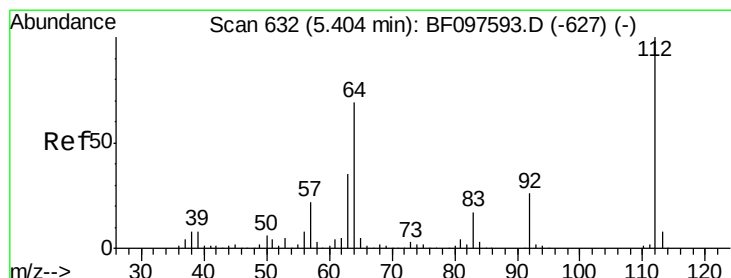
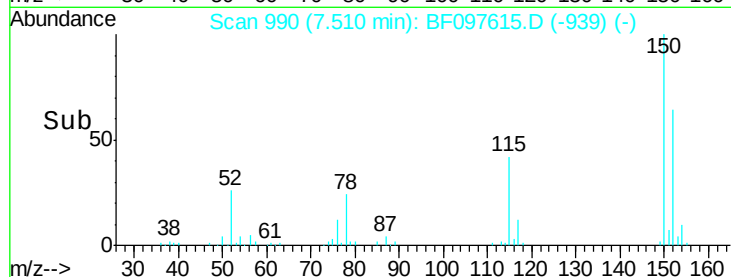
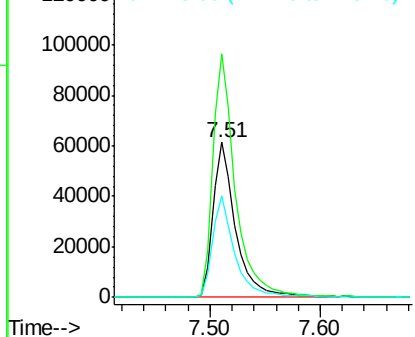
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF097615.D
Acq: 12 Aug 2017 2:14

Instrument :
BNA_F
ClientSampleId :
VE-1-4

Tot Ion:152 Resp: 86051
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 65.2 52.2 78.2



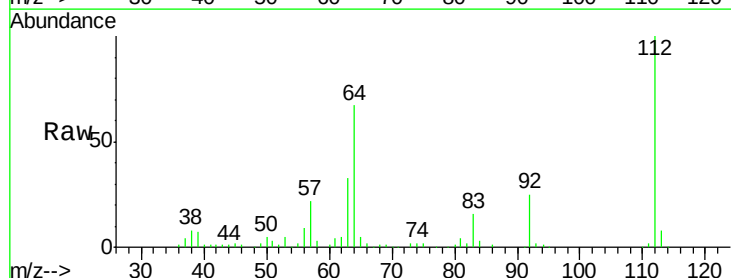
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



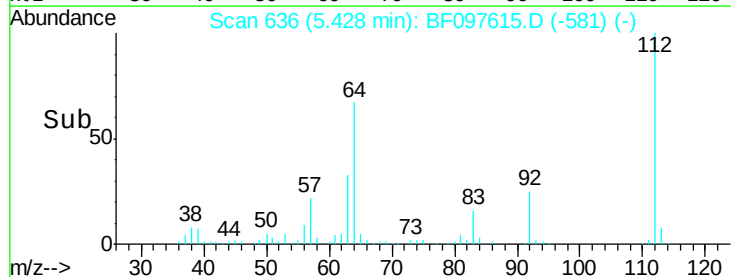
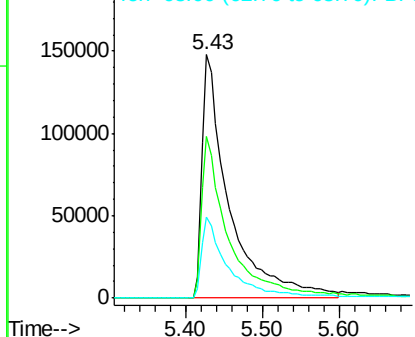
#5

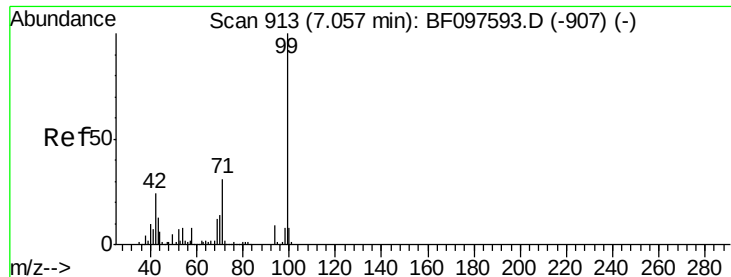
2-Fluorophenol
Concen: 67.14 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097615.D
Acq: 12 Aug 2017 2:14

Tgt Ion:112 Resp: 363455
Ion Ratio Lower Upper
112 100
64 66.5 46.0 69.0
63 33.1 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: 37.27 ng

RT: 7.08 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampled :

VE-1-4

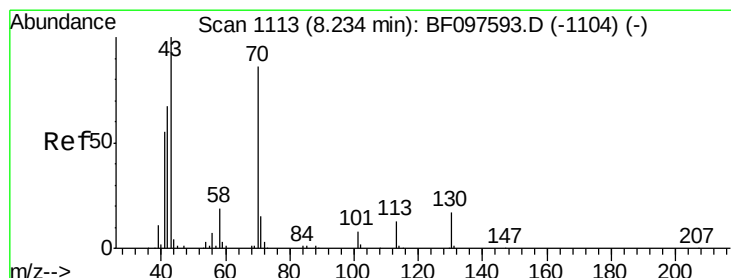
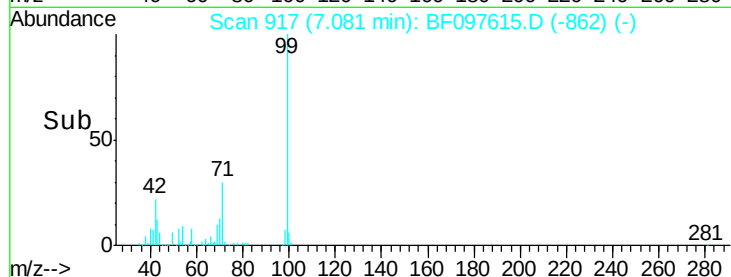
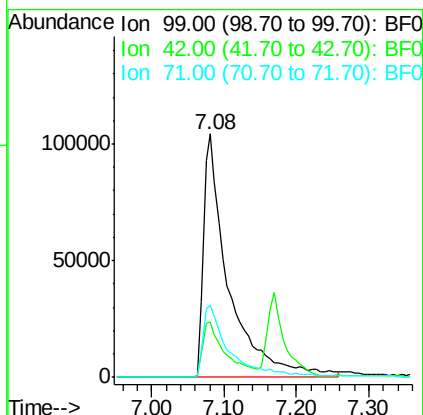
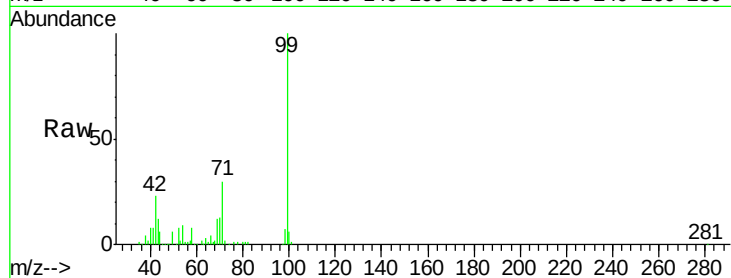
Tot Ion: 99 Resp: 250315

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

71 29.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.26 ng

RT: 8.42 min Scan# 1145

Delta R.T. 0.19 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Tgt Ion: 70 Resp: 71287

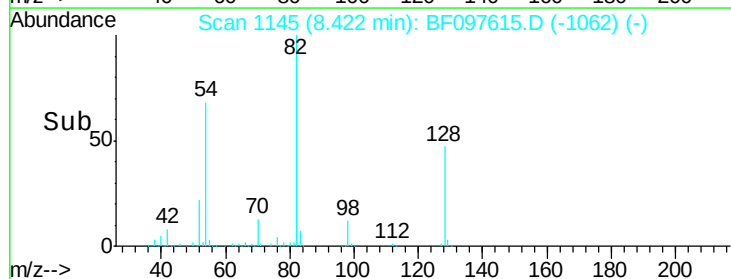
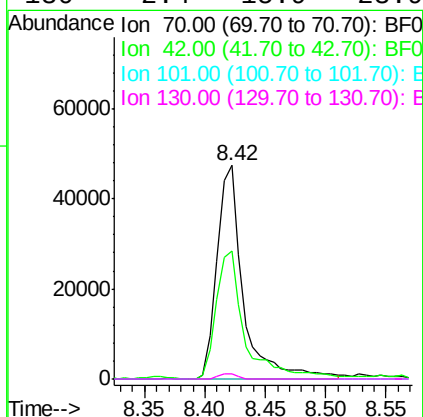
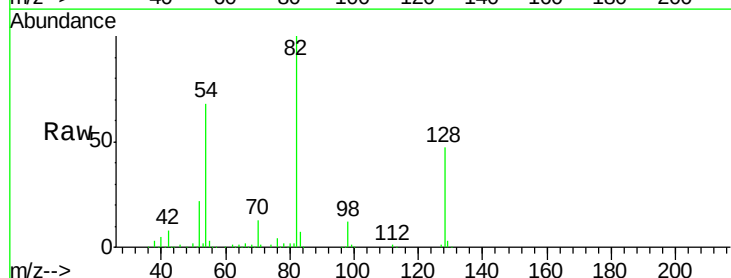
Ion Ratio Lower Upper

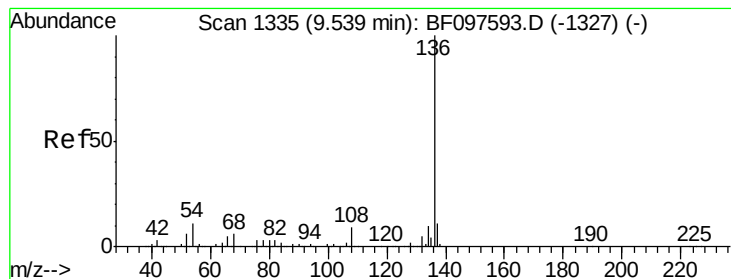
70 100

42 59.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

Tot Ion:136 Resp: 362725

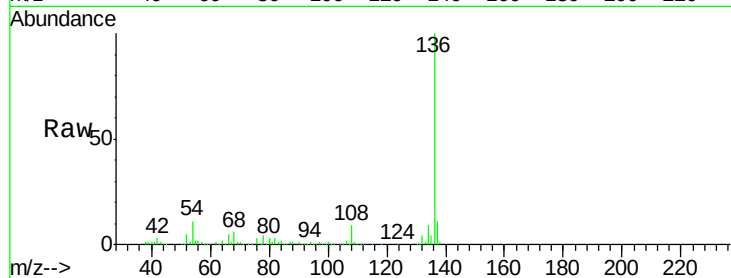
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.0 4.9 7.3#

68 5.6 4.1 6.1

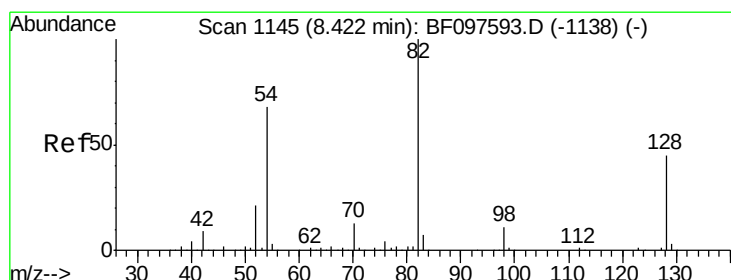
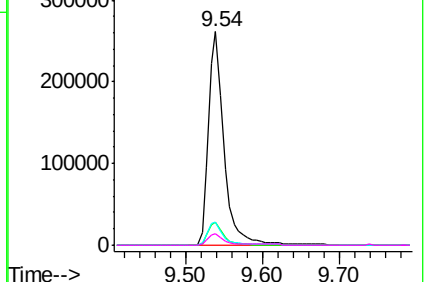
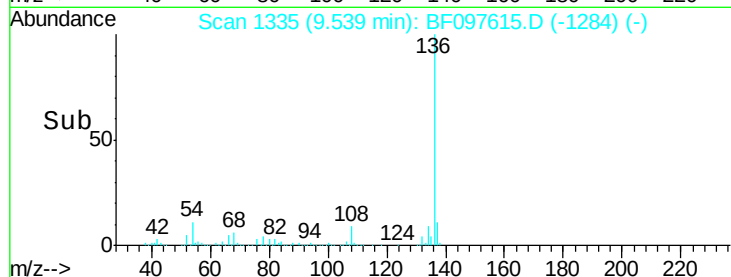


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.81 ng

RT: 8.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

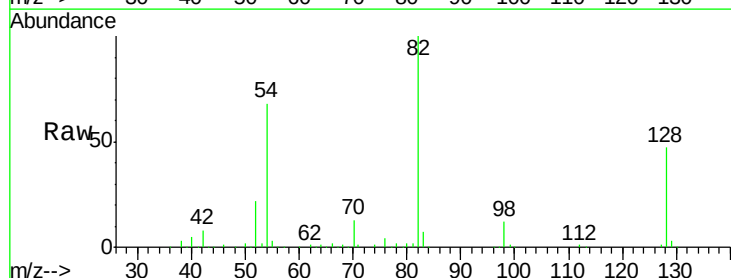
Tgt Ion: 82 Resp: 519548

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

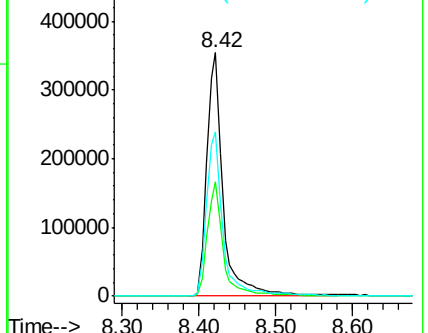
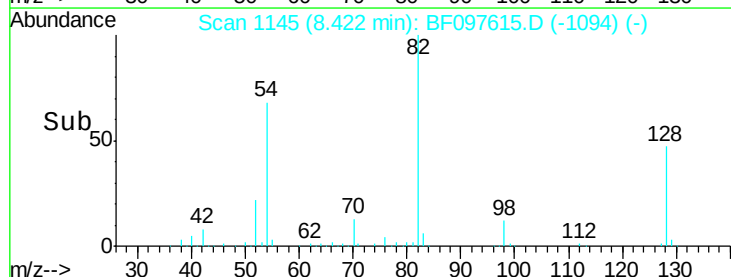
54 67.6 42.2 63.2#

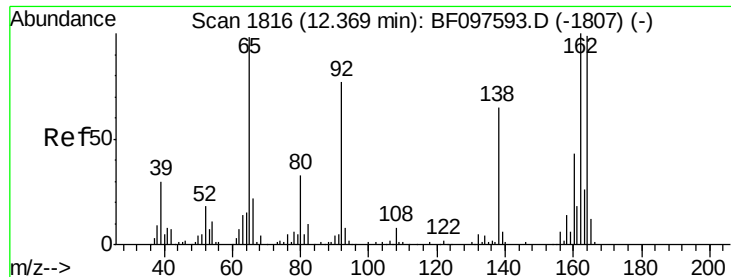


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.37 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

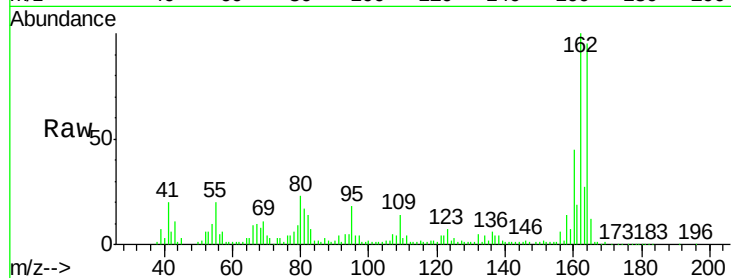
Tot Ion:164 Resp: 170201

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

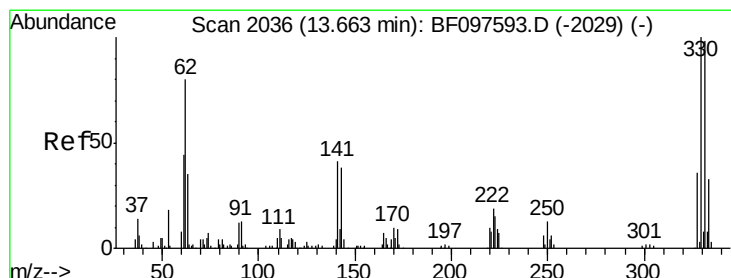
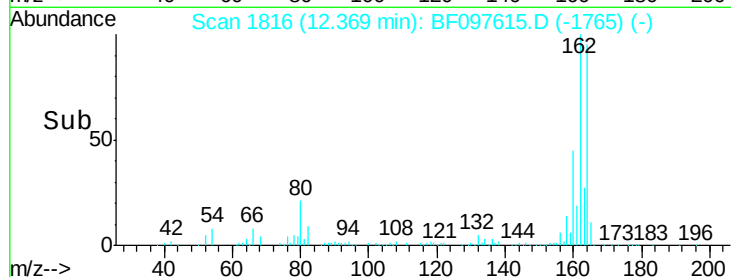
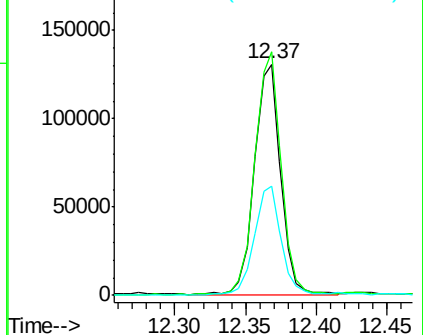
160 47.3 36.2 54.2



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: 132.90 ng

RT: 13.67 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

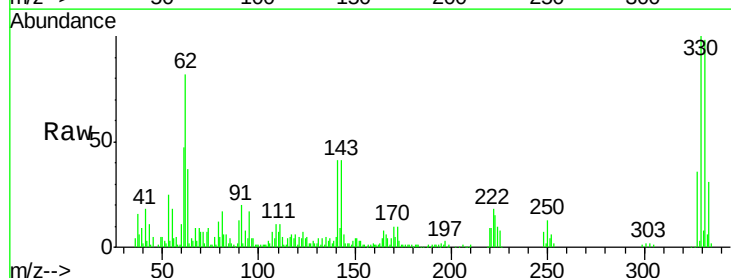
Tgt Ion:330 Resp: 171954

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

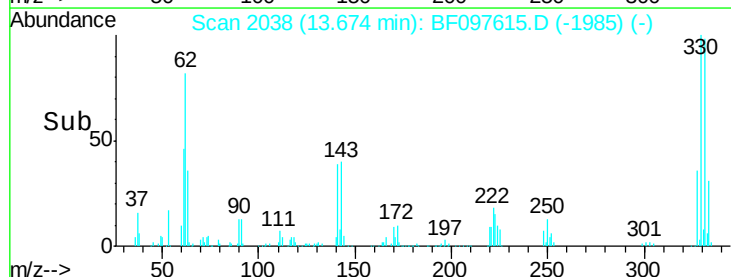
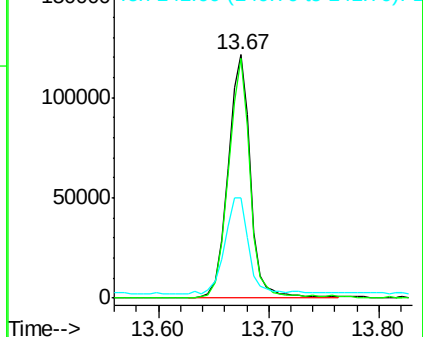
141 41.7 31.4 47.2

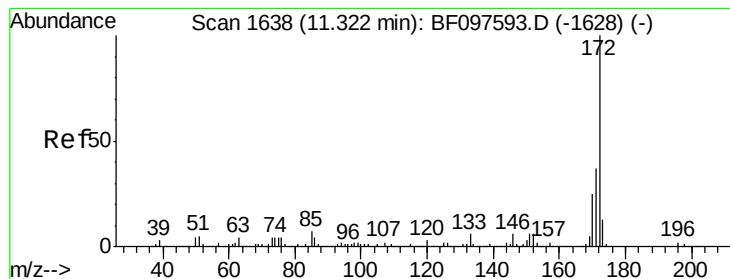


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.42 ng

RT: 11.32 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

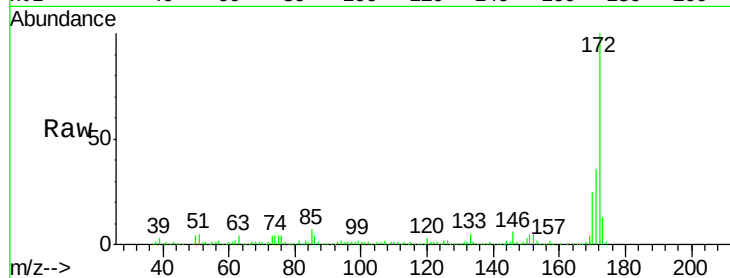
BNA_F

ClientSampleId :

VE-1-4

Tot Ion:172 Resp: 952016

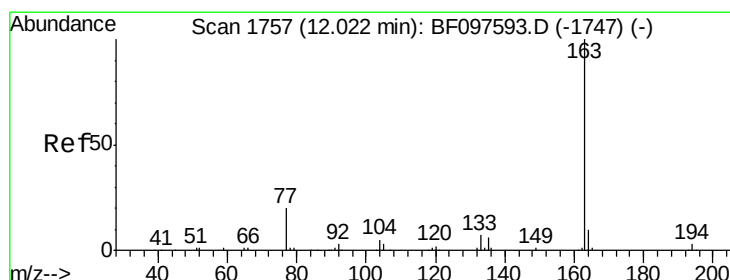
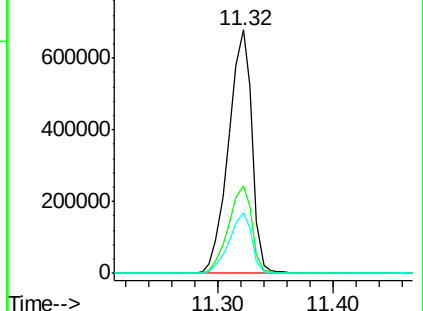
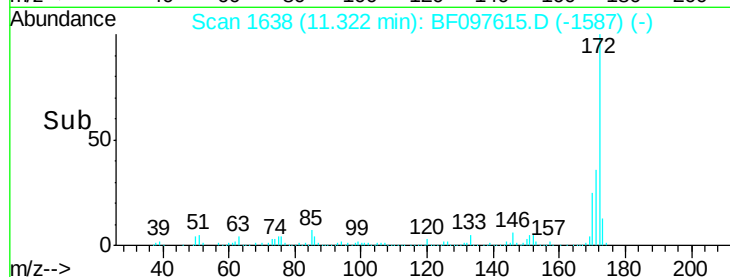
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.9	19.8	29.8



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: 2.47 ng

RT: 12.02 min Scan# 1756

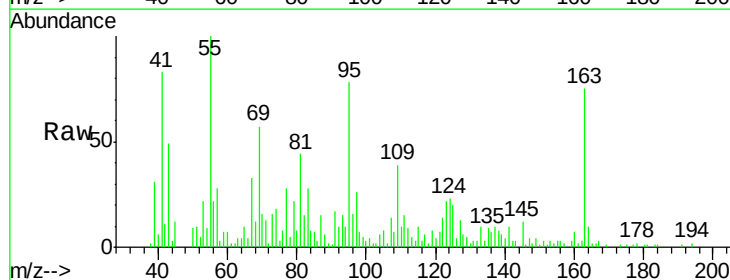
Delta R.T. -0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Tgt Ion:163 Resp: 32343

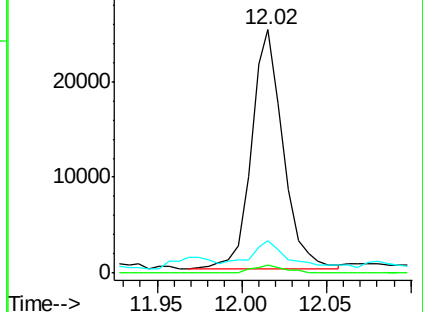
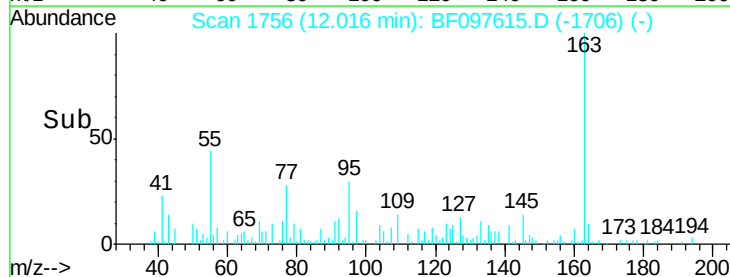
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	13.1	8.4	12.6

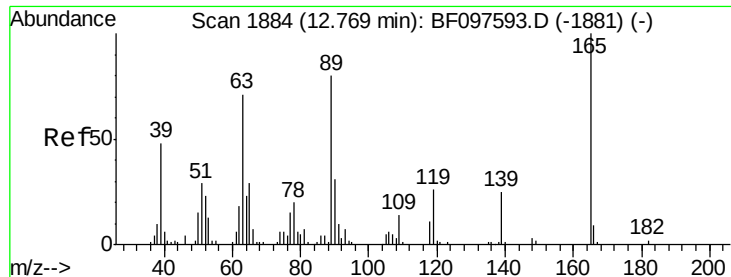


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 2.53 ng

RT: 12.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

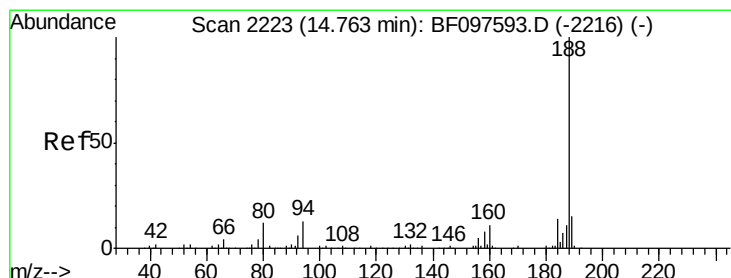
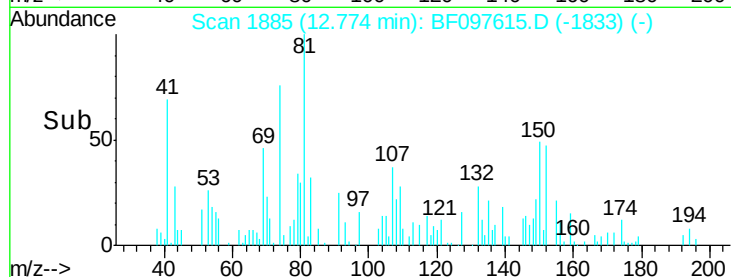
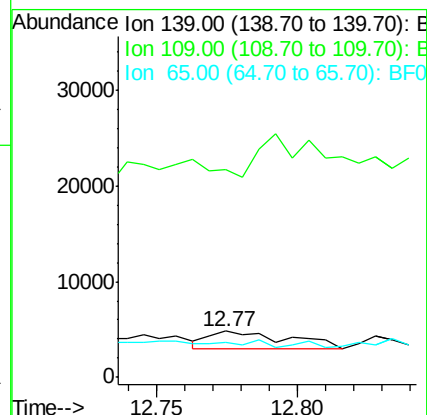
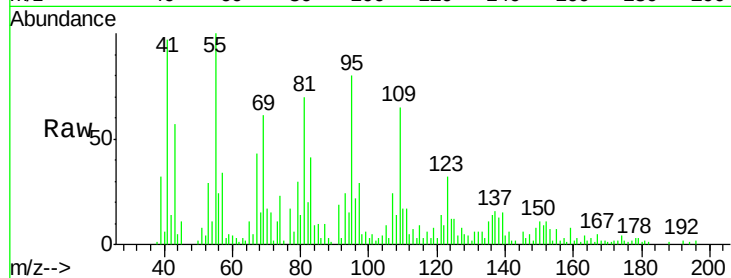
Tot Ion:139 Resp: 3419

Ion Ratio Lower Upper

139 100

109 449.3 34.1 74.1#

65 75.4 31.4 71.4#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

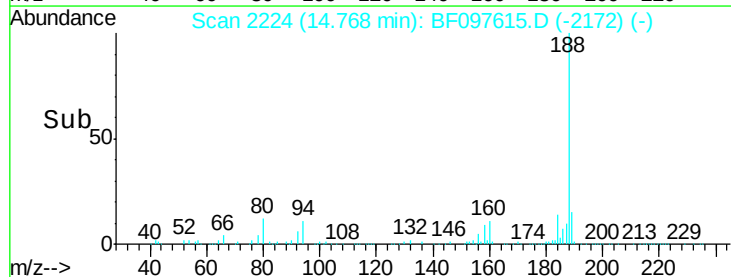
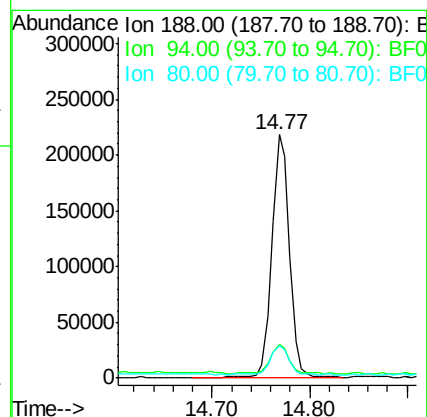
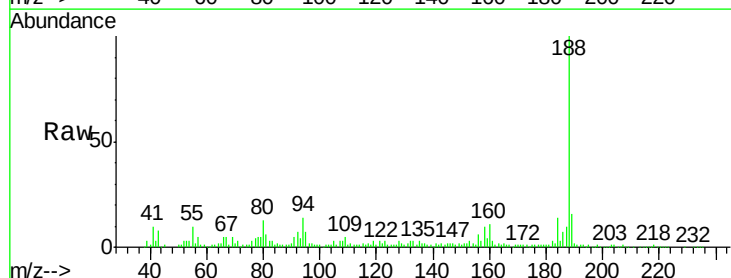
Tgt Ion:188 Resp: 277815

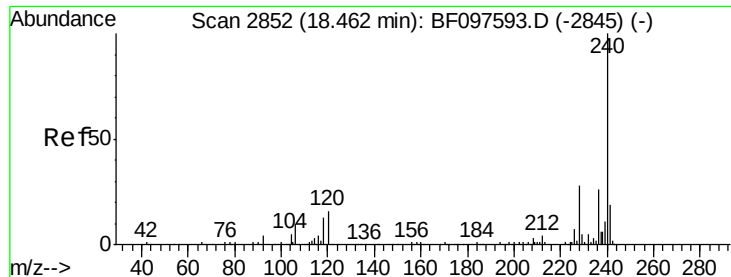
Ion Ratio Lower Upper

188 100

94 13.8 9.4 14.2

80 13.3 10.2 15.2

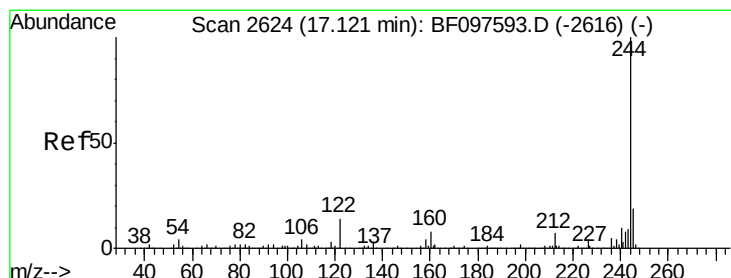
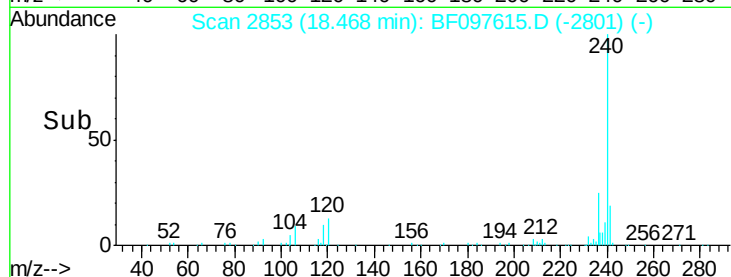
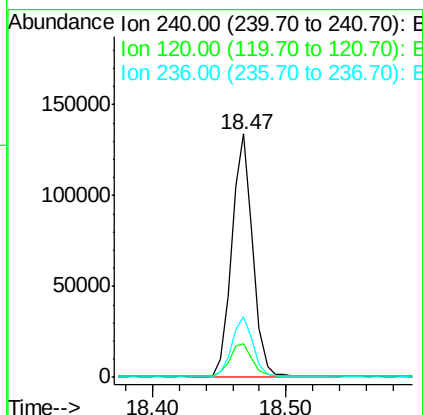
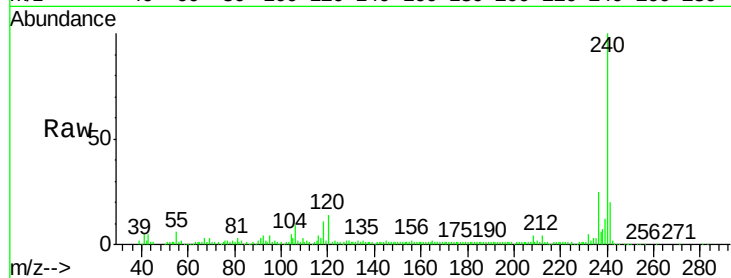




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: BF097615.D
 Acq: 12 Aug 2017 2:14

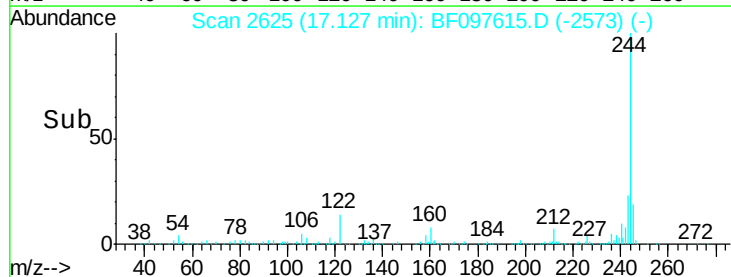
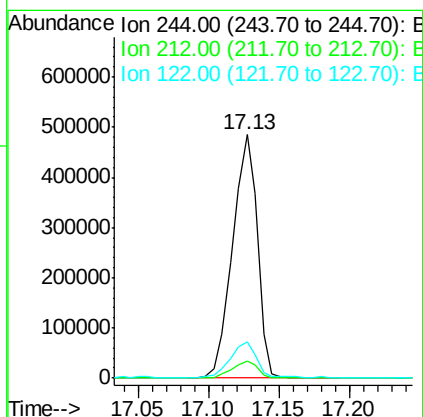
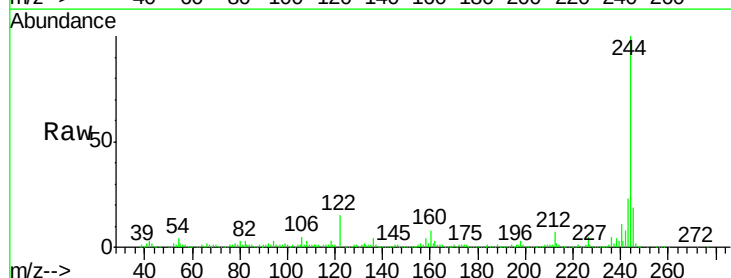
Instrument :
 BNA_F
 ClientSampleId :
 VE-1-4

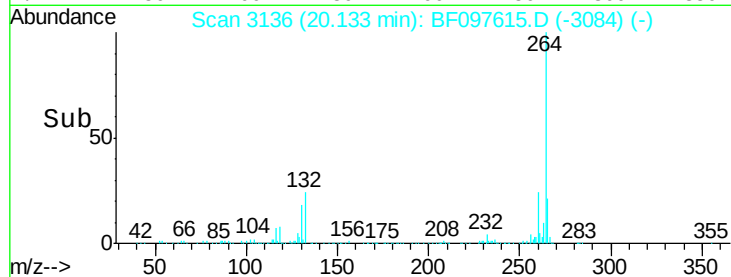
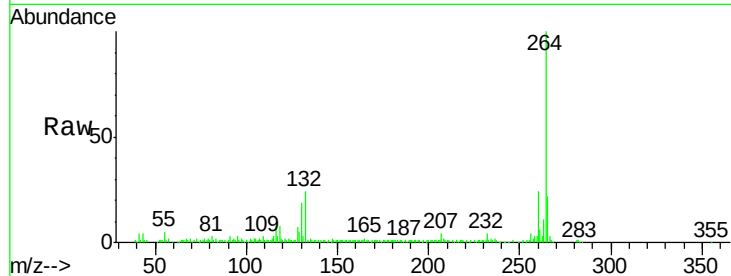
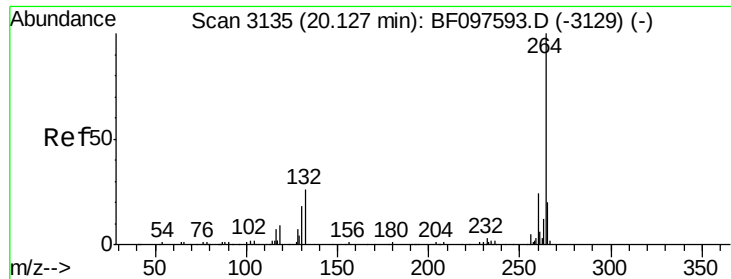
Tot Ion:240 Resp: 145656
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 83.40 ng
 RT: 17.13 min Scan# 2625
 Delta R.T. 0.01 min
 Lab File: BF097615.D
 Acq: 12 Aug 2017 2:14

Tgt Ion:244 Resp: 586973
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.7 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BF097615.D
 Acq: 12 Aug 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8

