

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097645.D
 Acq On : 12 Aug 2017 20:54
 Operator : SJ/JU
 Sample : I4631-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-2

Quant Time: Aug 14 05:21:55 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

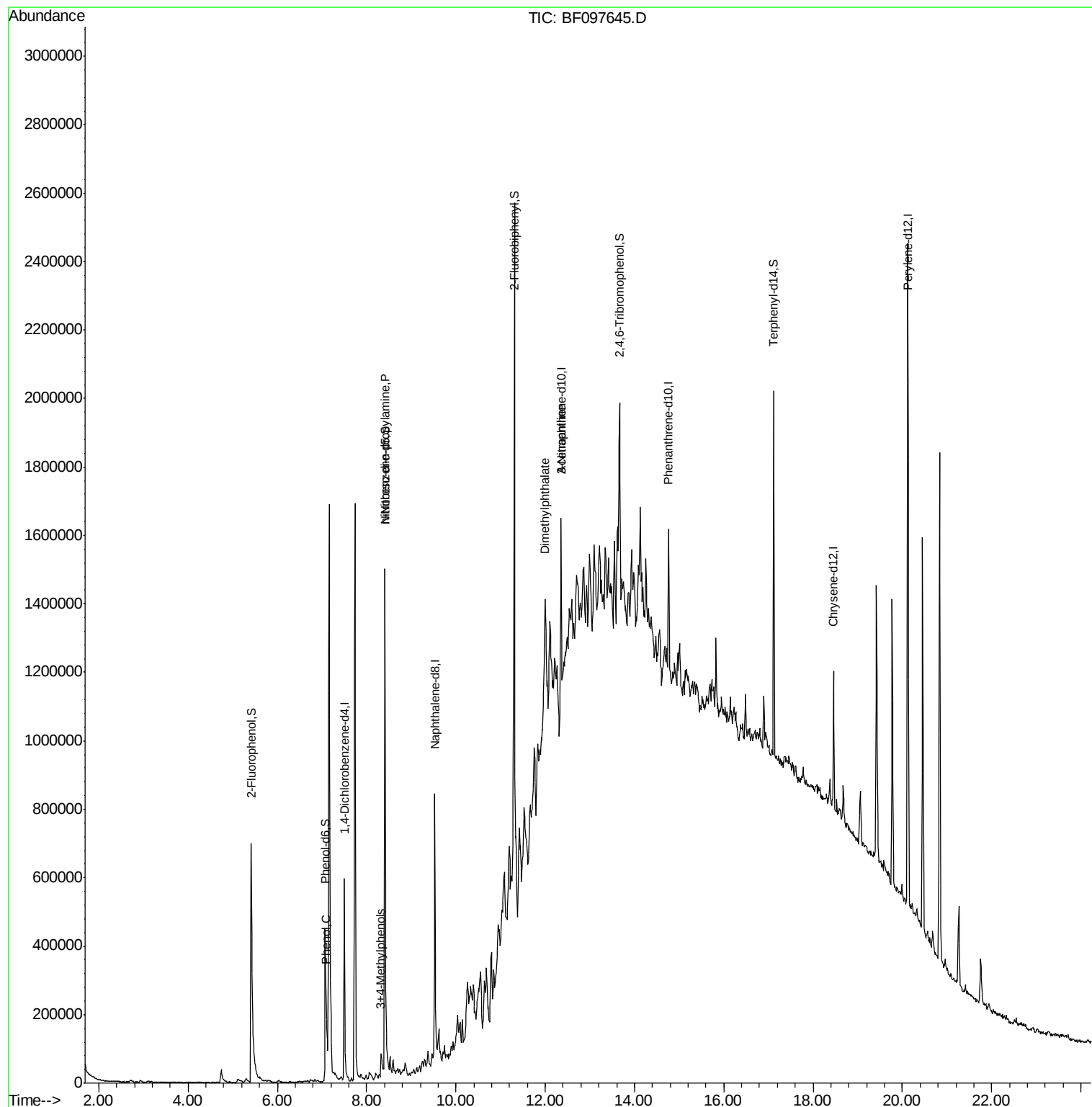
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	124947	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	501611	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	172644	20.00	ng	-0.01
63) Phenanthrene-d10	14.76	188	219978	20.00	ng	0.00
75) Chrysene-d12	18.46	240	183065	20.00	ng	0.00
86) Perylene-d12	20.13	264	147377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	466178	59.30	ng	0.01
7) Phenol-d6	7.07	99	357843	36.70	ng	0.01
23) Nitrobenzene-d5	8.41	82	726250	90.79	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	146171	111.38	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	1023323	89.46	ng	-0.01
78) Terphenyl-d14	17.12	244	515943	58.33	ng	0.00
Target Compounds						
10) Phenol	7.10	94	47296	4.43	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	8.41	70	95359	14.06	ng	# 87
20) 3+4-Methylphenols	8.32	107	57895	6.77	ng	# 53
49) Dimethylphthalate	12.00	163	65068	4.89	ng	96
52) 3-Nitroaniline	12.36	138	20982	5.83	ng	# 4

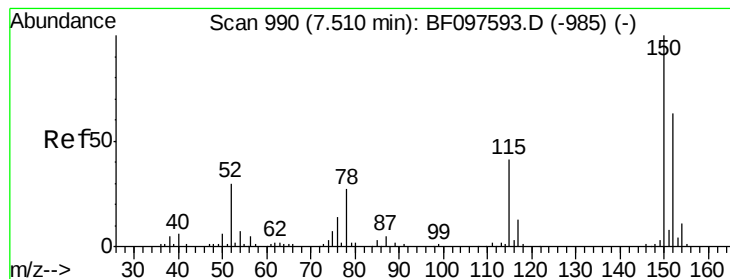
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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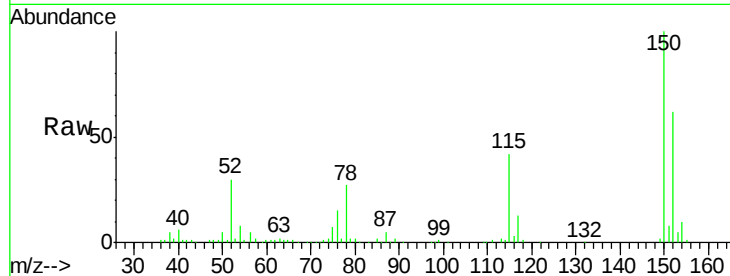


#1

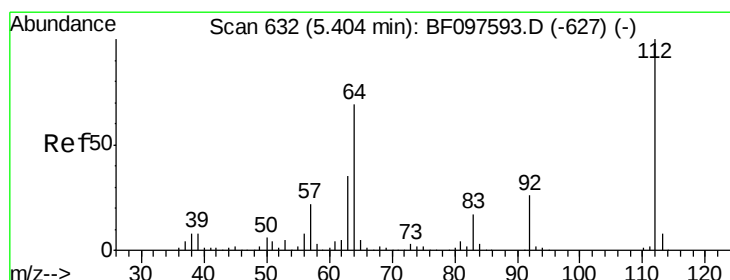
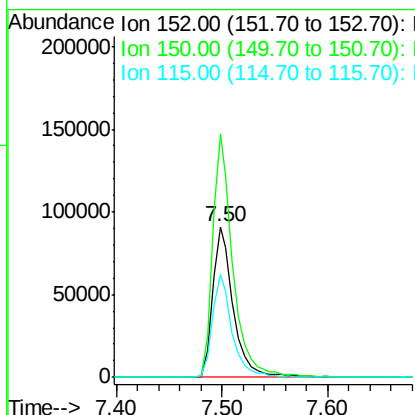
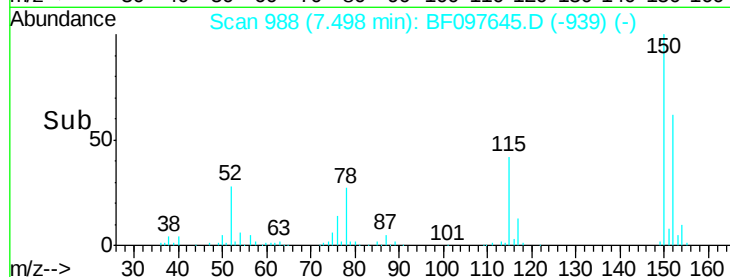
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tot Ion:152 Resp: 124947
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.2
115 68.6 52.2 78.2



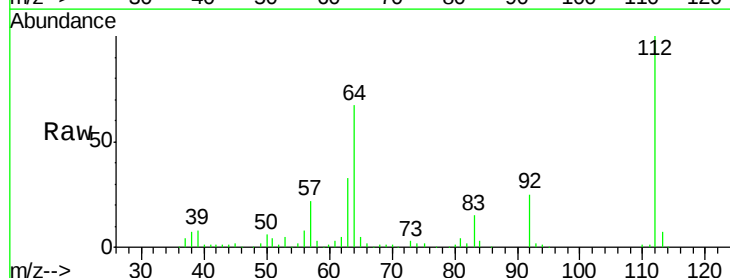
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



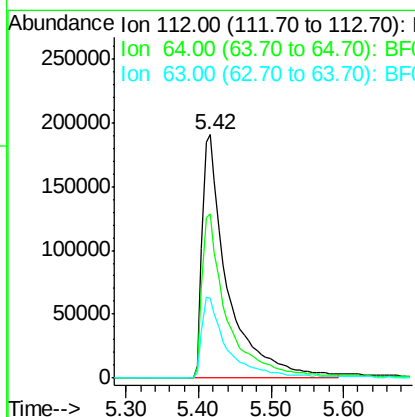
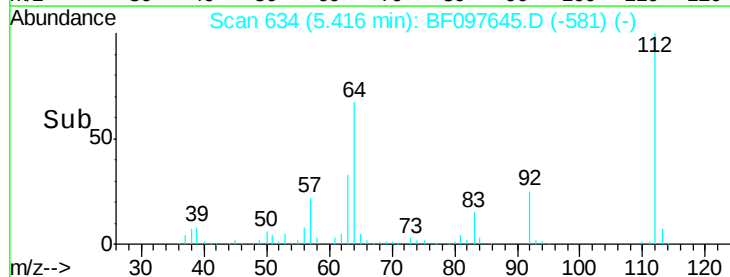
#5

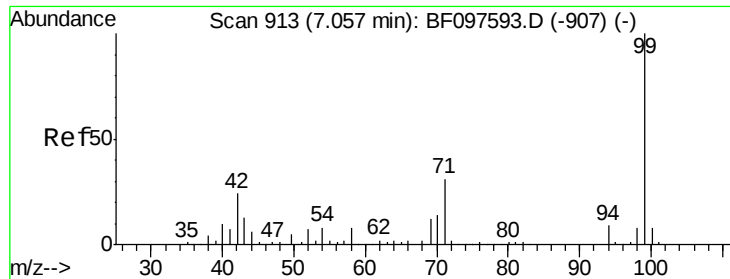
2-Fluorophenol
Concen: 59.30 ng
RT: 5.42 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion:112 Resp: 466178
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 32.9 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: 36.70 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

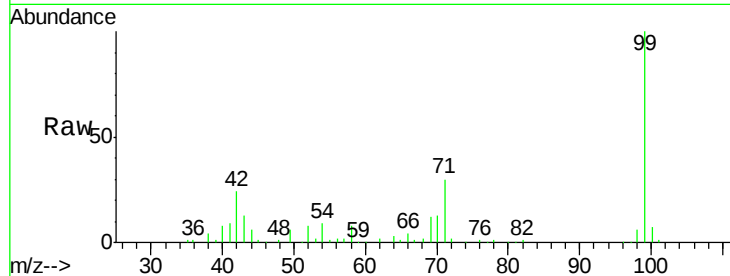
BNA_F

ClientSampled :

VE-1-2

Tot Ion: 99 Resp: 357843

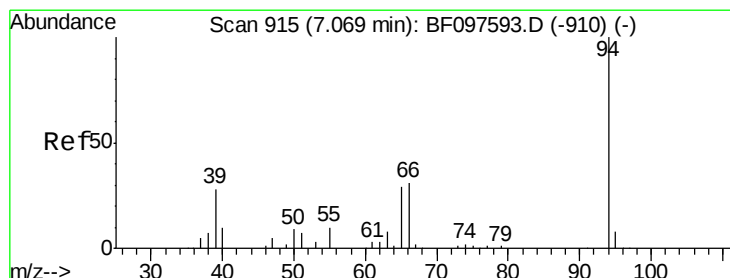
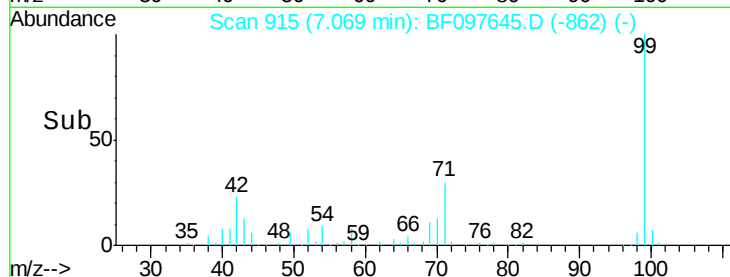
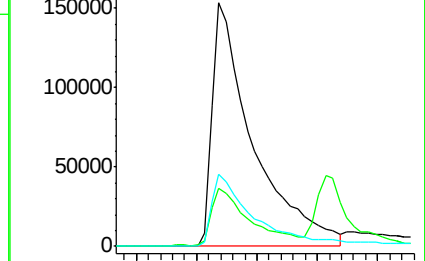
Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	29.6	24.5	36.7



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: 4.43 ng

RT: 7.10 min Scan# 921

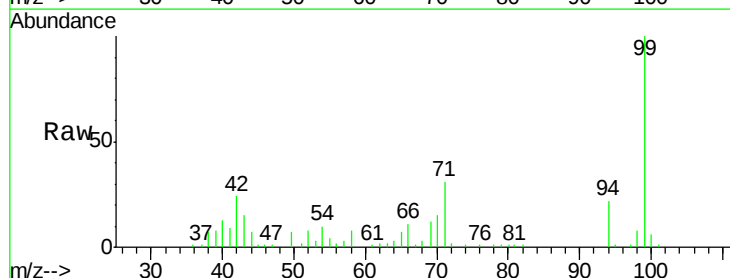
Delta R.T. 0.04 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Tgt Ion: 94 Resp: 47296

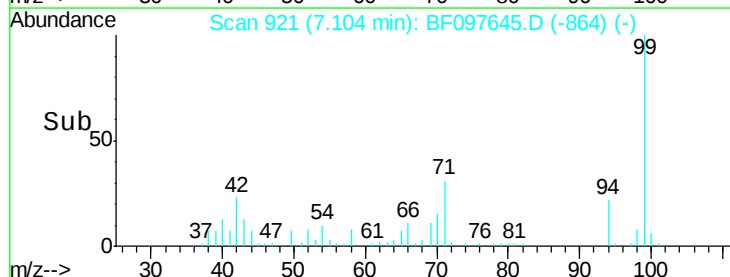
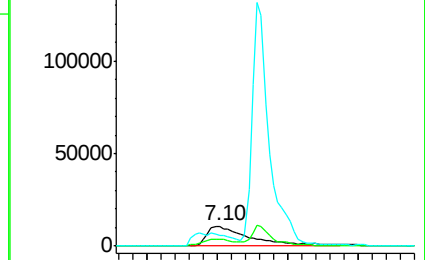
Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.9	49.9
66	52.3	23.1	63.1

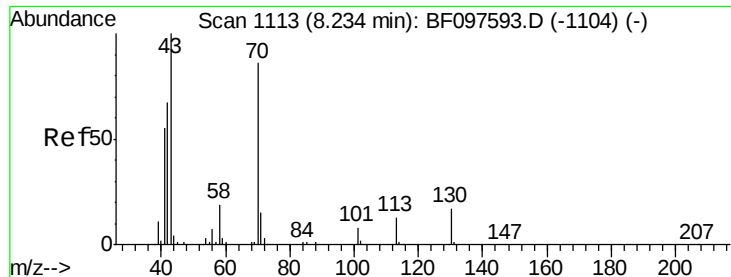


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

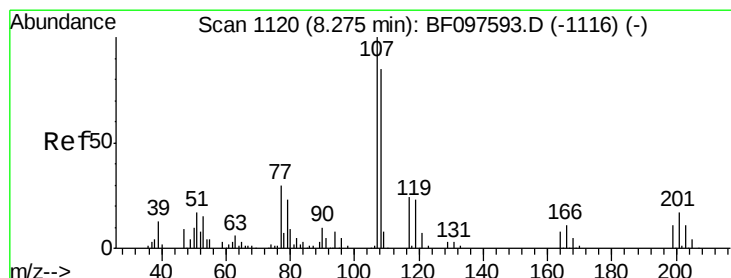
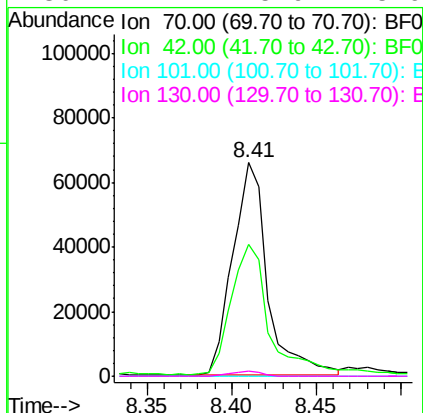
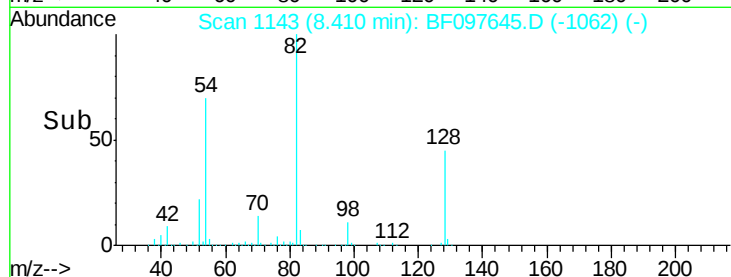
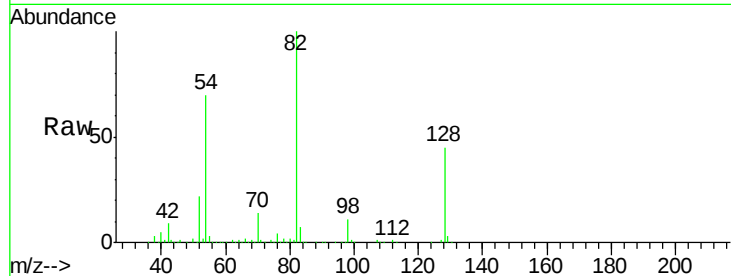




#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 8.41 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

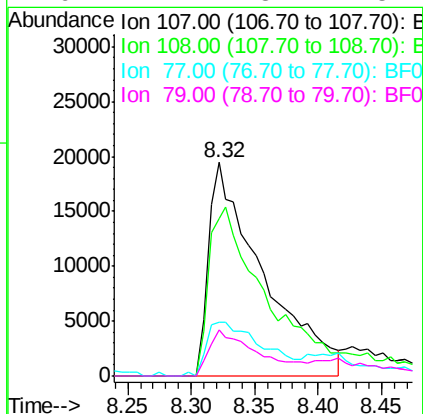
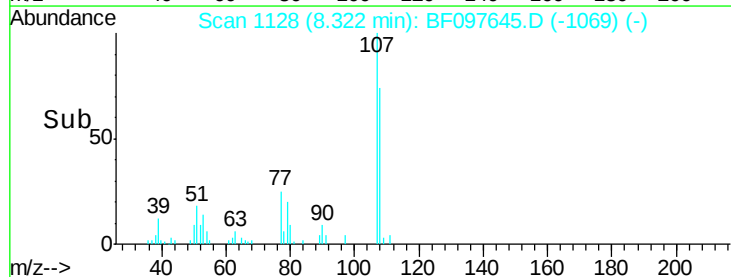
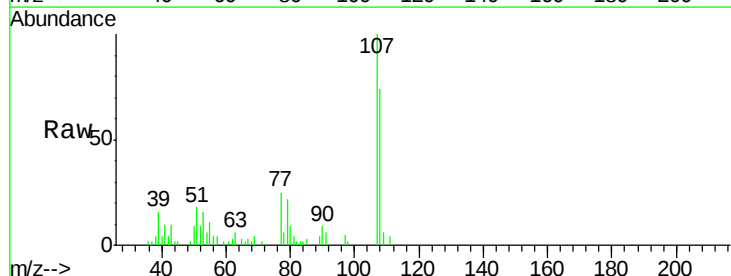
Instrument :
BNA_F
ClientSampled :
VE-1-2

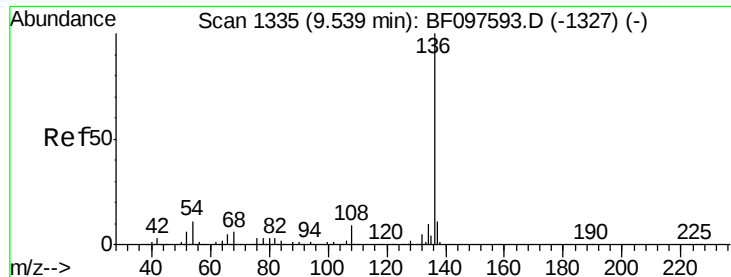
Tot Ion: 70 Resp: 95359
Ion Ratio Lower Upper
70 100
42 61.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#20
3+4-Methylphenols
Concen: 6.77 ng
RT: 8.32 min Scan# 1128
Delta R.T. 0.05 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion: 107 Resp: 57895
Ion Ratio Lower Upper
107 100
108 73.7 71.0 111.0
77 25.5 90.5 130.5#
79 21.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

BNA_F

ClientSampled :

VE-1-2

Tot Ion:136 Resp: 501611

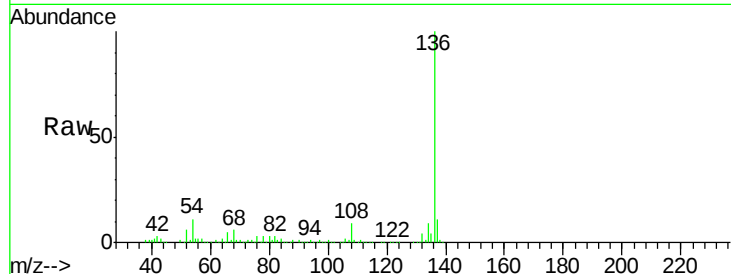
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.1 4.9 7.3#

68 6.5 4.1 6.1#

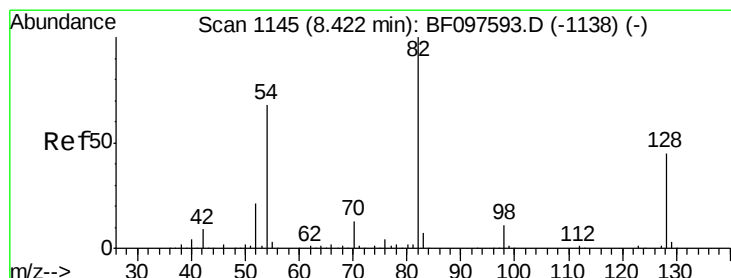
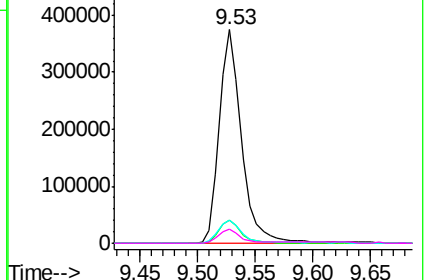
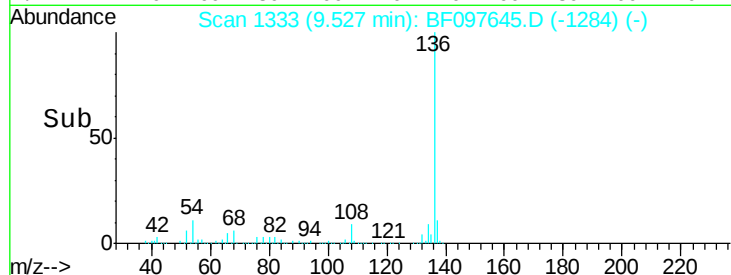


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.79 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

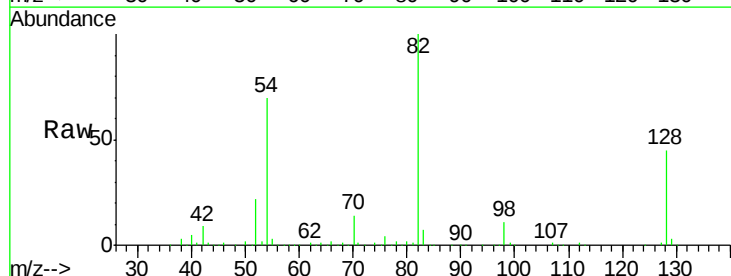
Tgt Ion: 82 Resp: 726250

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

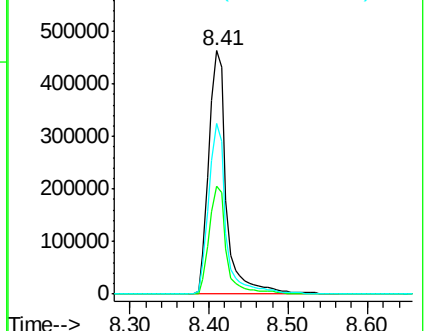
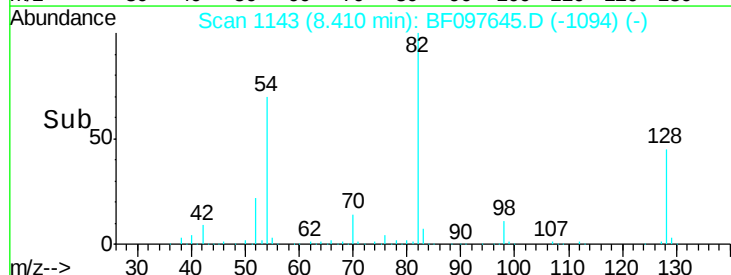
54 70.0 42.2 63.2#

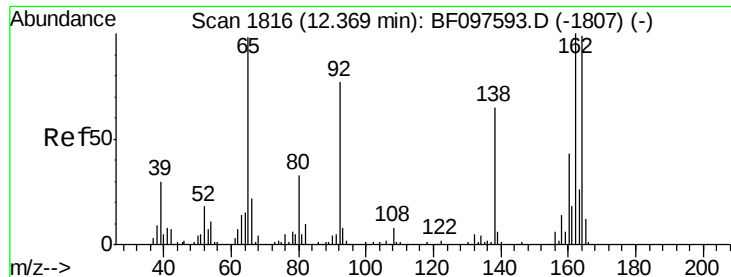


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

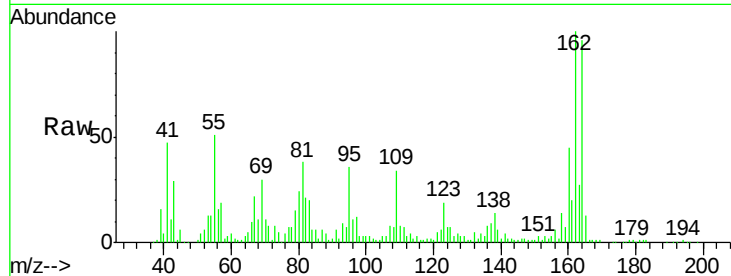




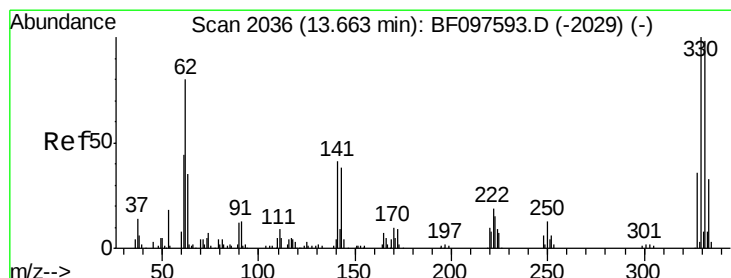
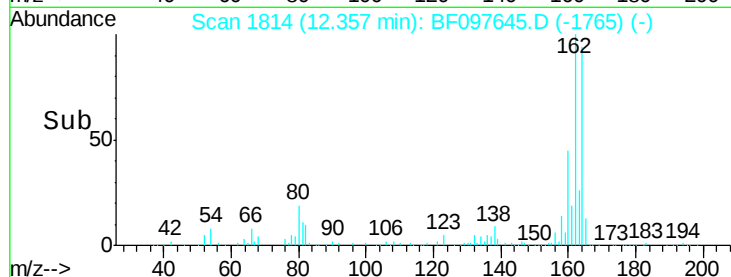
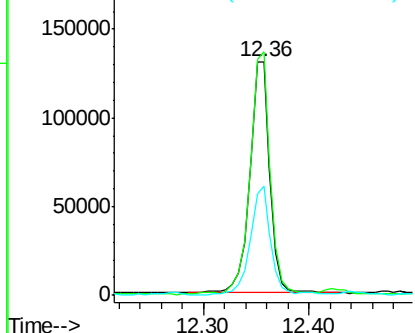
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tot Ion:164 Resp: 172644
Ion Ratio Lower Upper
164 100
162 104.3 82.6 123.8
160 46.9 36.2 54.2

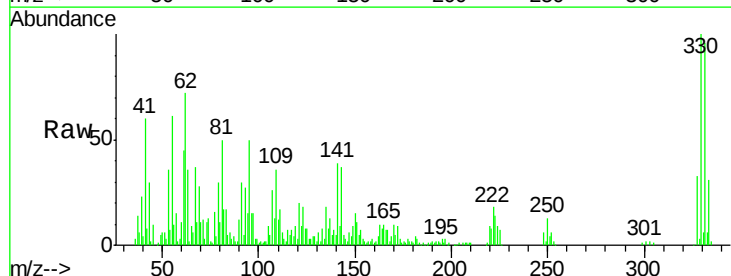


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

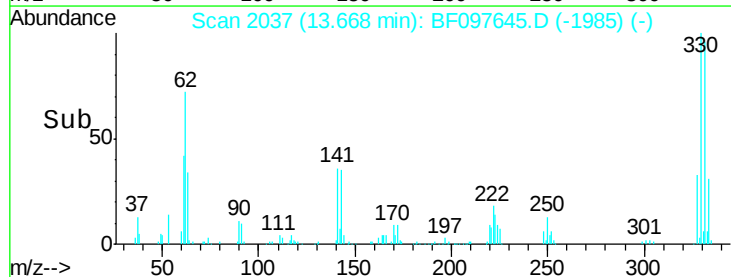
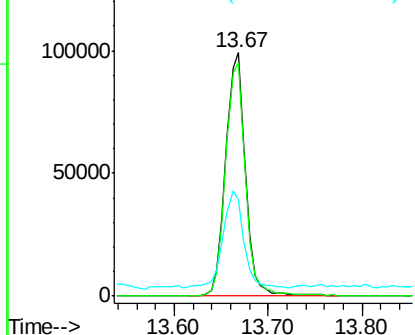


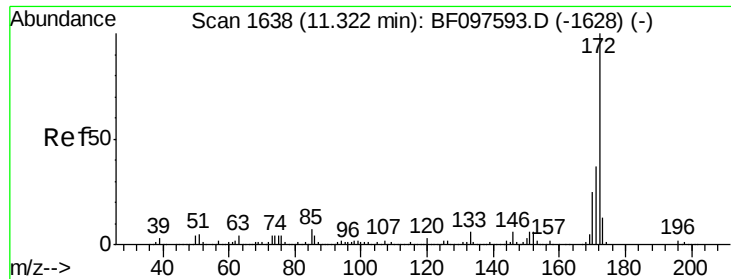
#41
2,4,6-Tribromophenol
Concen: 111.38 ng
RT: 13.67 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion:330 Resp: 146171
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 41.8 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

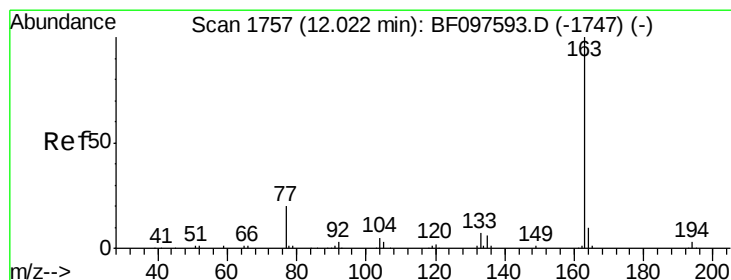
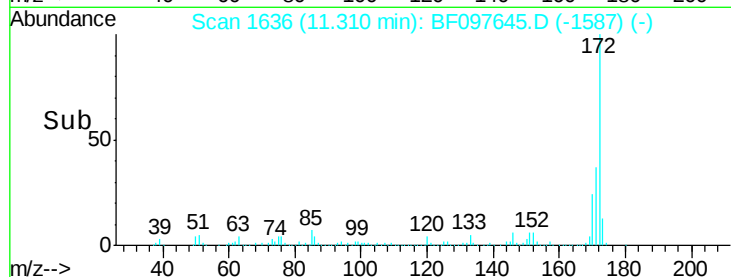
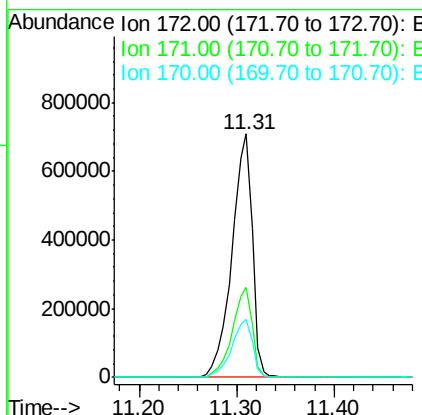
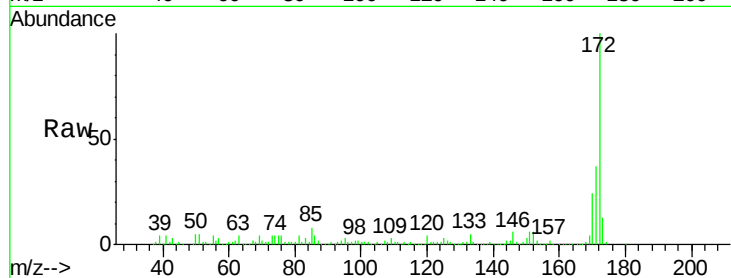




#44
2-Fluorobiphenyl
Concen: 89.46 ng
RT: 11.31 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

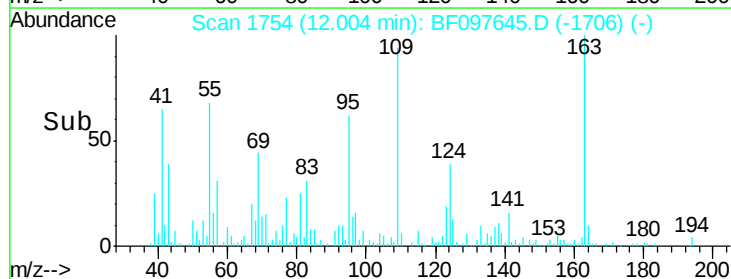
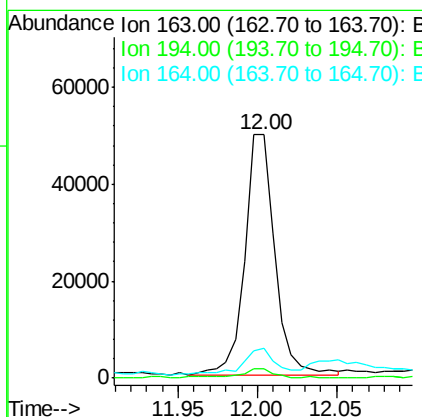
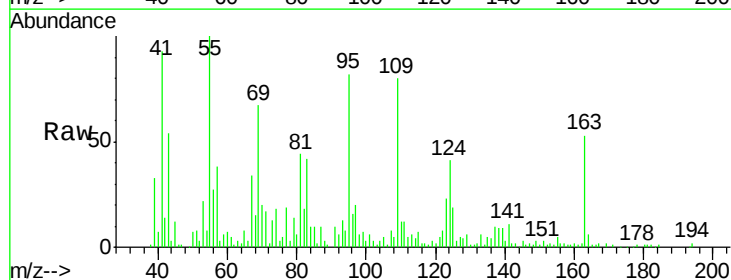
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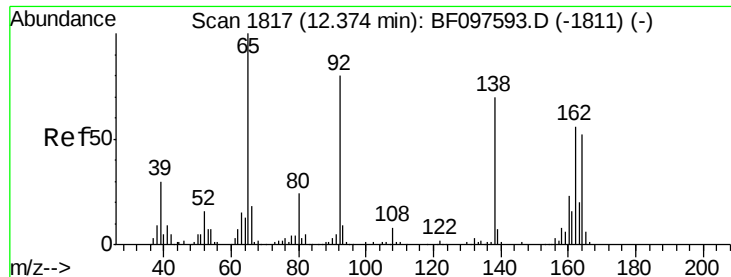
Tot Ion:172 Resp: 1023323
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 4.89 ng
RT: 12.00 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion:163 Resp: 65068
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 12.2 8.4 12.6





#52

3-Nitroaniline

Concen: 5.83 ng

RT: 12.36 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

BNA_F

ClientSampleId :

VE-1-2

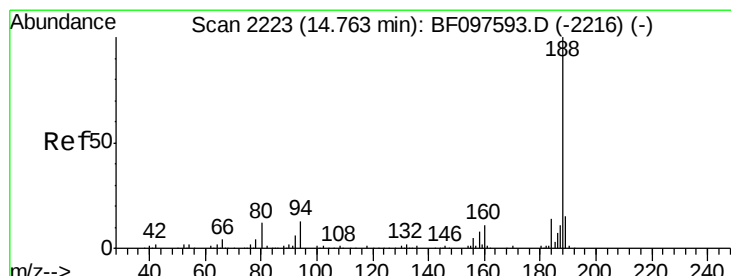
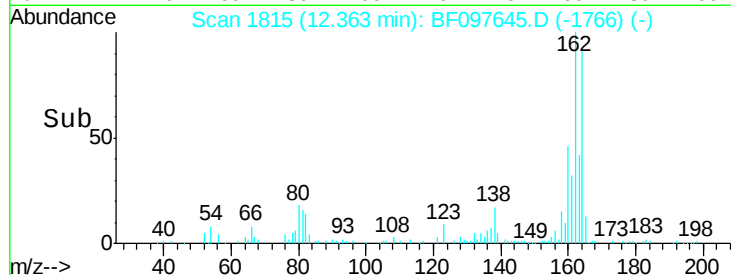
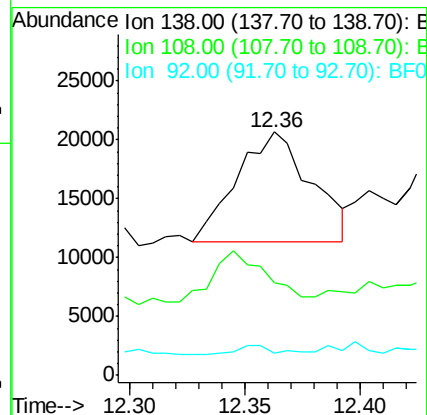
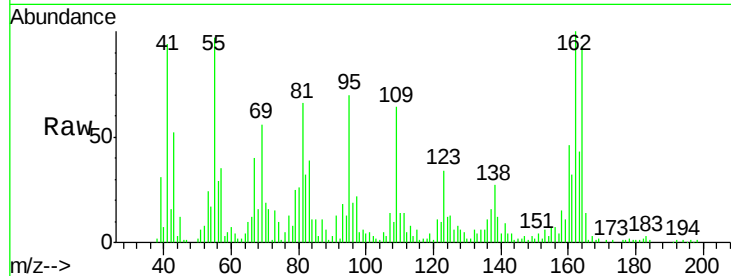
Tot Ion:138 Resp: 20982

Ion Ratio Lower Upper

138 100

108 37.8 9.1 13.7#

92 9.2 93.8 140.6#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

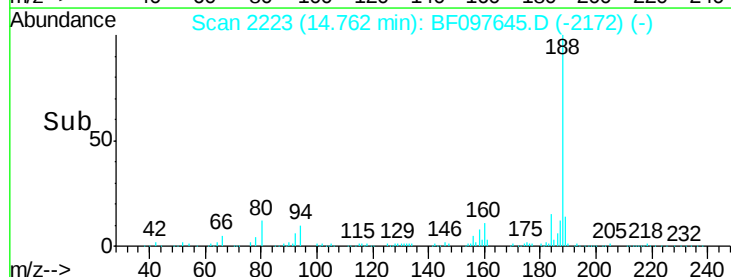
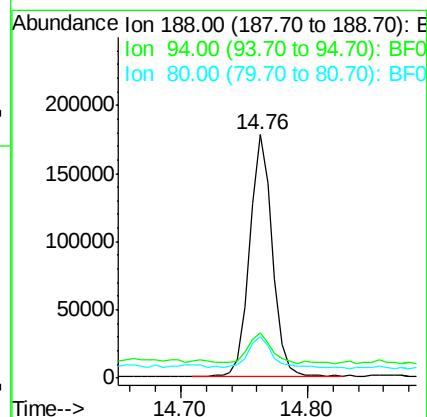
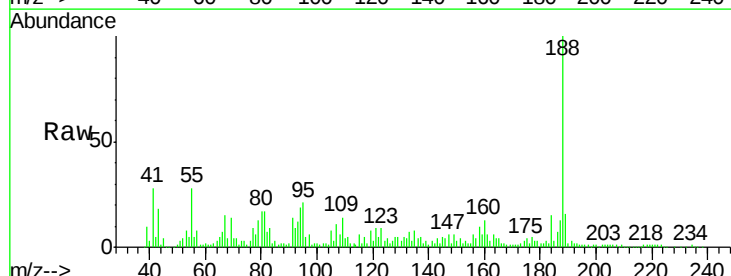
Tgt Ion:188 Resp: 219978

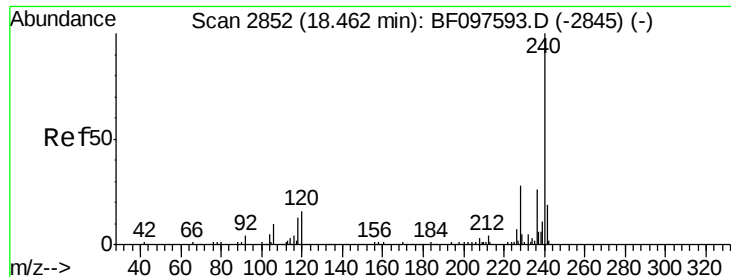
Ion Ratio Lower Upper

188 100

94 18.5 9.4 14.2#

80 17.0 10.2 15.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

BNA_F

ClientSampleId :

VE-1-2

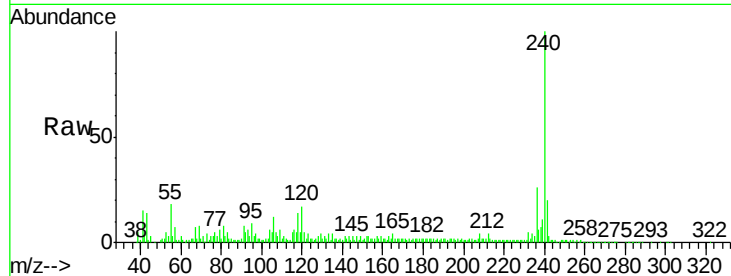
Tot Ion:240 Resp: 183065

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

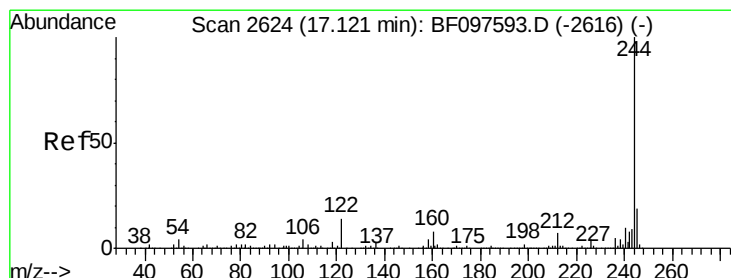
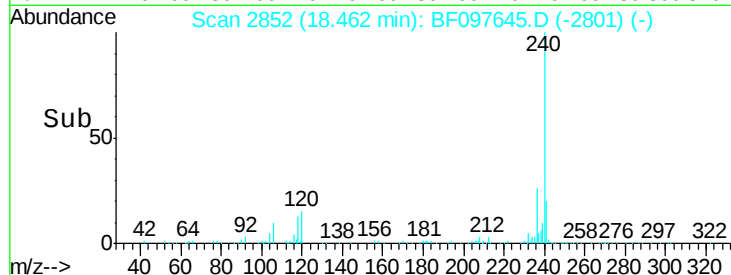
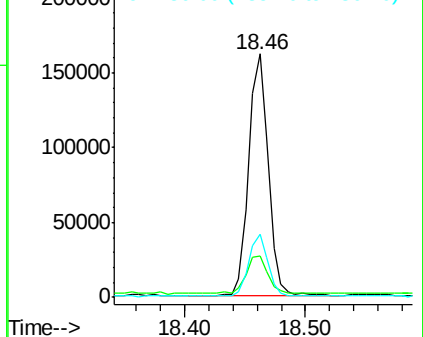
236 26.0 20.5 30.7



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: 58.33 ng

RT: 17.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

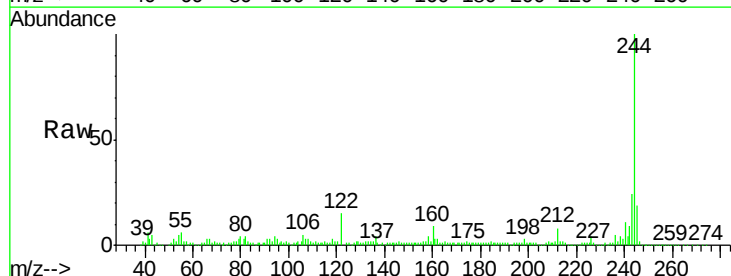
Tgt Ion:244 Resp: 515943

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

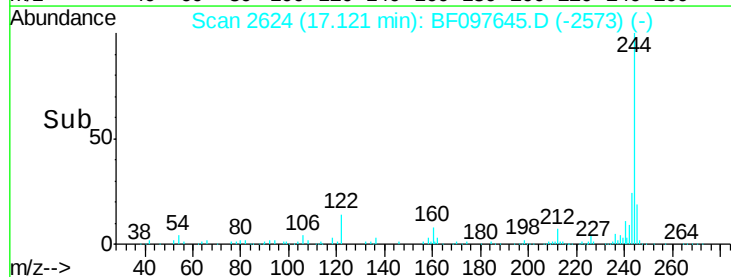
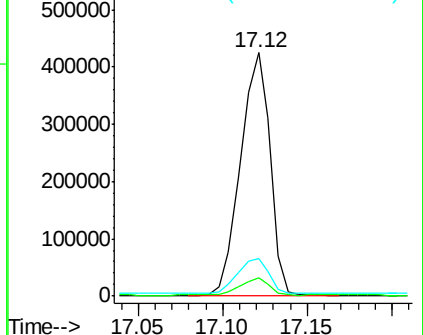
122 15.3 10.3 15.5

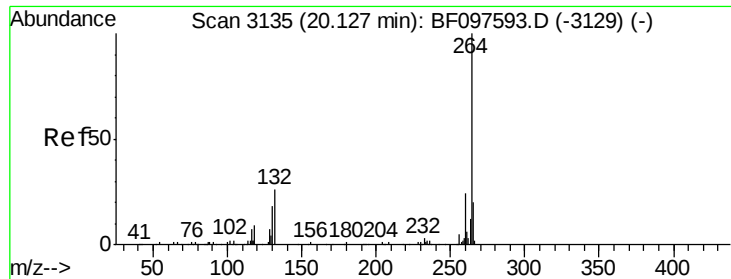


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

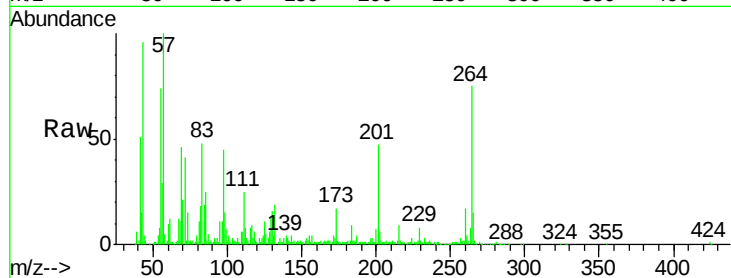




#86
Pervlone-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	19.5	29.3	
265	19.9	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

