

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097140.D
 Acq On : 27 Jul 2017 23:29
 Operator : SJ/JU
 Sample : I4444-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-A

Quant Time: Jul 28 02:03:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

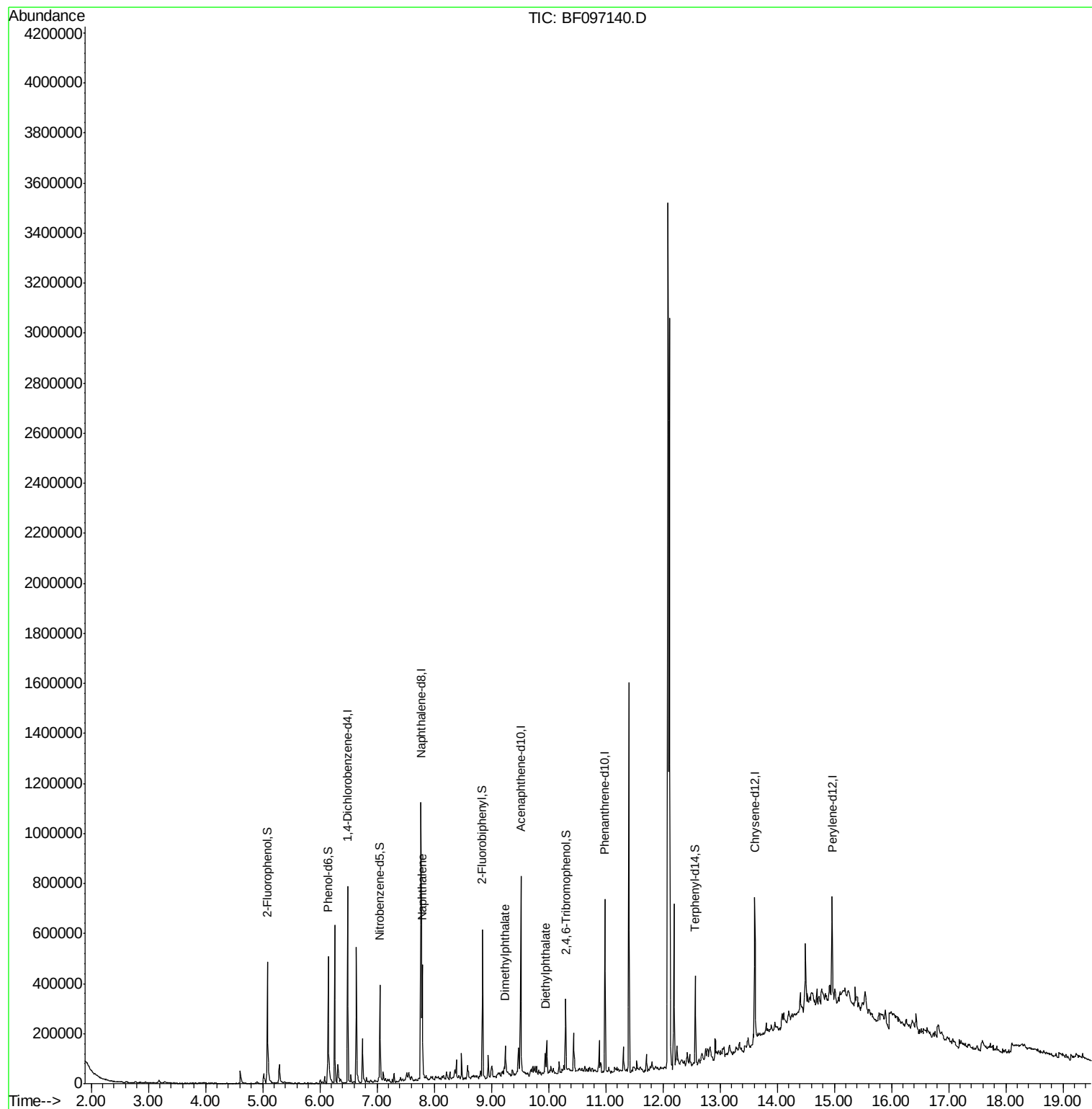
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	113638	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	441281	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	154941	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	219910	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	191814	20.00	ng	-0.02
86) Perylene-d12	14.96	264	160091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	160454	21.29	ng	-0.02
7) Phenol-d6	6.15	99	184613	21.45	ng	-0.02
23) Nitrobenzene-d5	7.05	82	113547	15.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	26114	21.33	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	166712	18.26	ng	-0.02
78) Terphenyl-d14	12.57	244	94670	10.06	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.79	128	210082	10.099	ng	98
49) Dimethylphthalate	9.25	163	32769	2.785	ng	98
59) Diethylphthalate	9.94	149	26795	2.482	ng	97

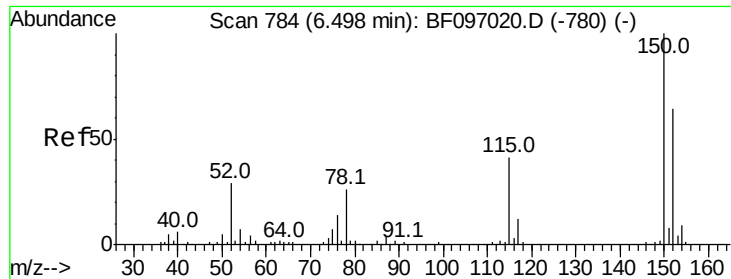
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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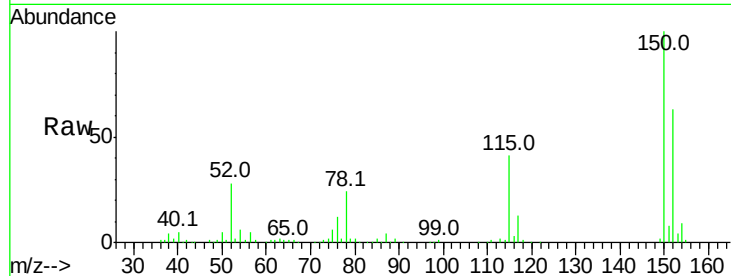


#1

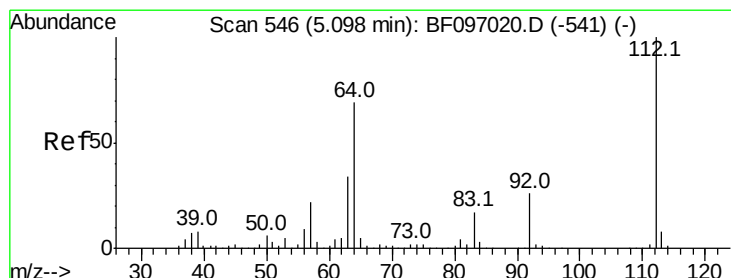
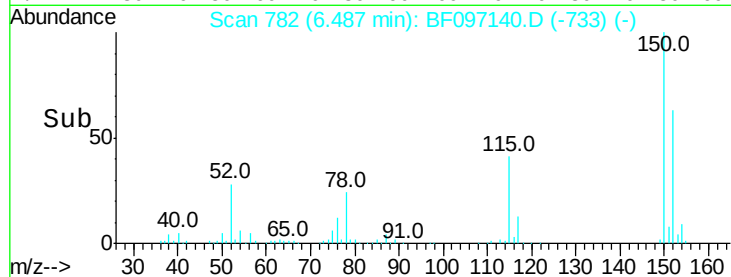
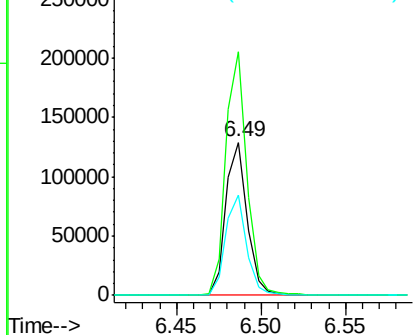
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-A

Tot Ion:152 Resp: 113638
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.2 189.2
 115 65.1 52.2 78.2



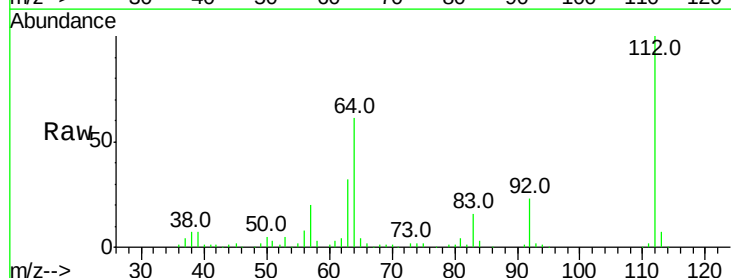
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



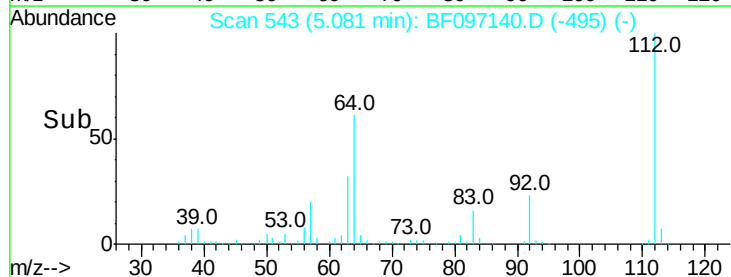
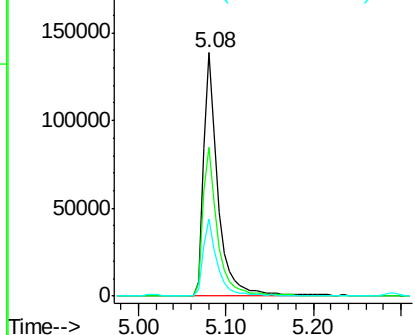
#5

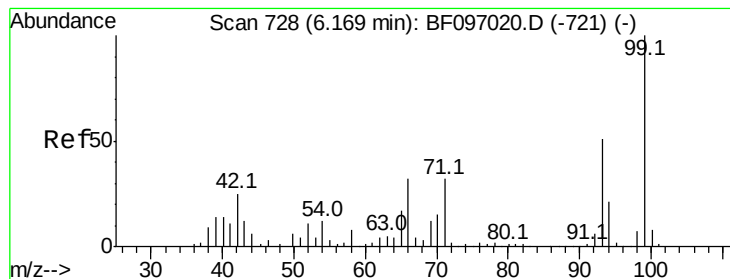
2-Fluorophenol
 Concen: 21.285 ng
 RT: 5.08 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

Tgt Ion:112 Resp: 160454
 Ion Ratio Lower Upper
 112 100
 64 61.2 46.0 69.0
 63 31.8 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: 21.452 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

Instrument :

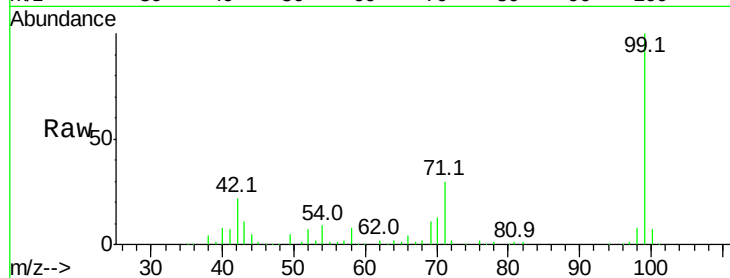
BNA_F

ClientSampleId :

EO-02-072517-A

Tot Ion: 99 Resp: 184613

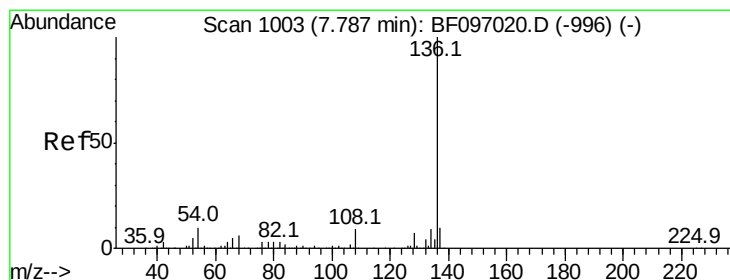
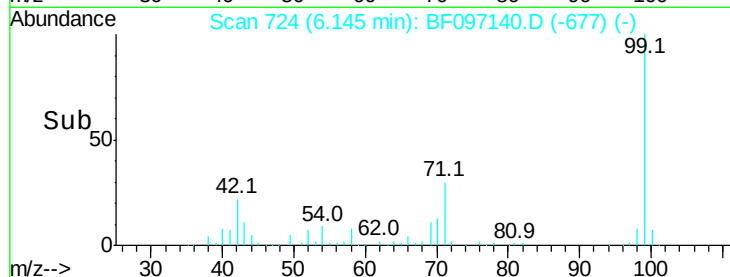
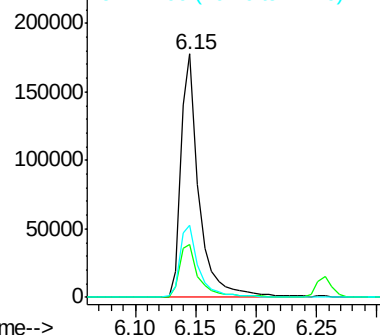
Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	29.9	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

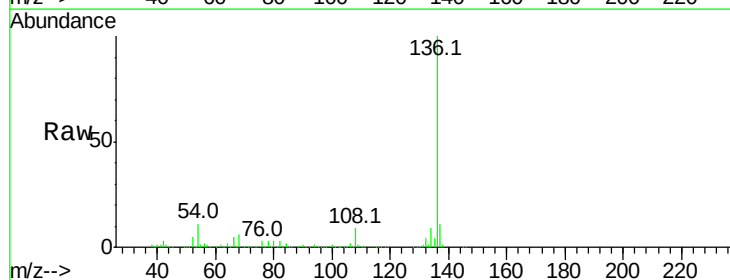
Delta R.T. -0.02 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

Tgt Ion: 136 Resp: 441281

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.7	4.9	7.3#
68	6.2	4.1	6.1#

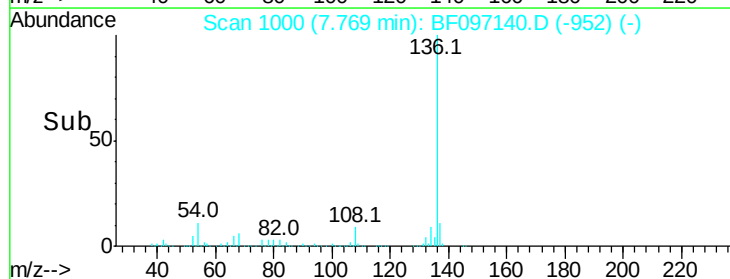
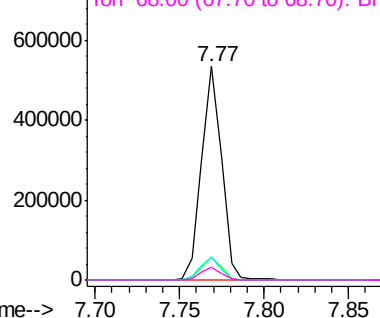


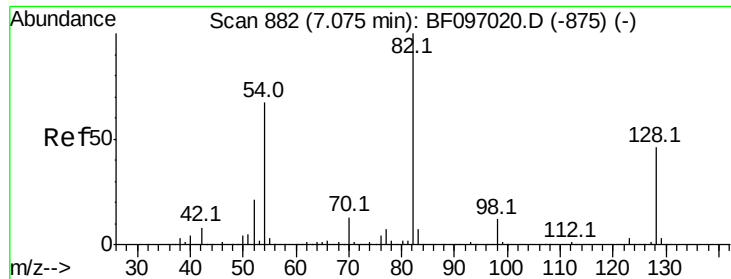
Abundance Ion 136.00 (135.70 to 136.70): E

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

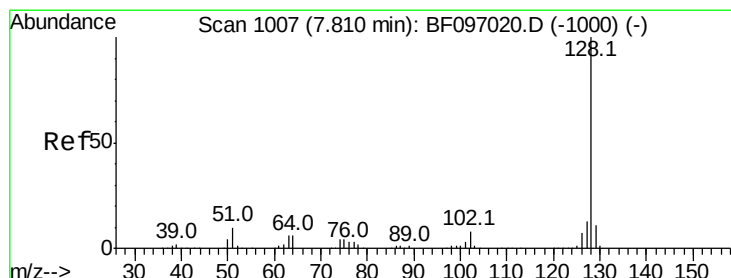
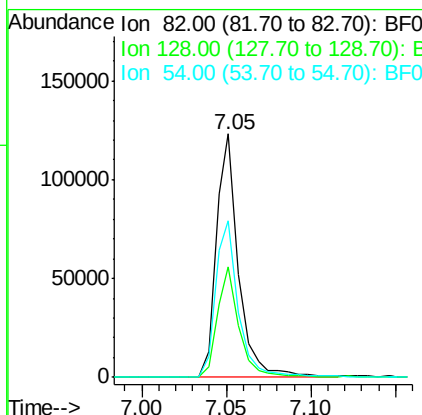
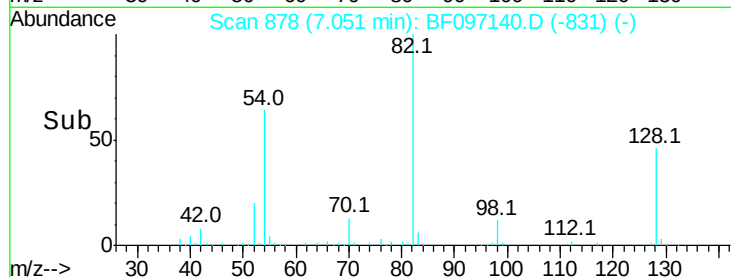
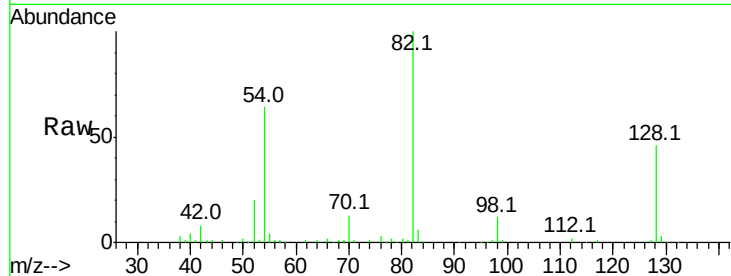




#23
 Nitrobenzene-d5
 Concen: 15.095 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

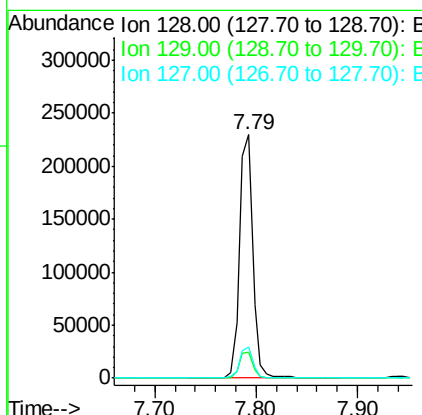
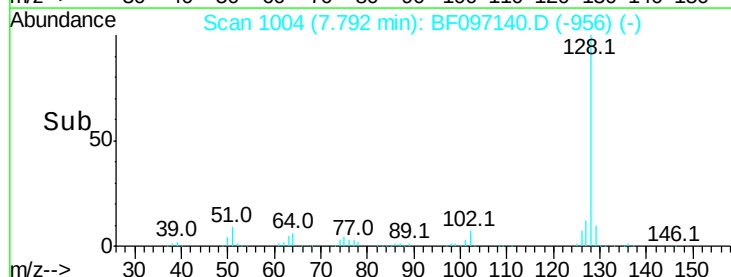
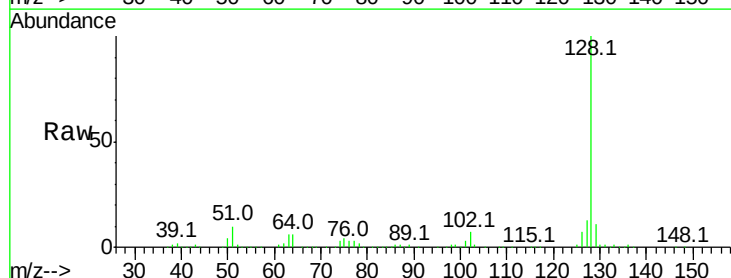
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-A

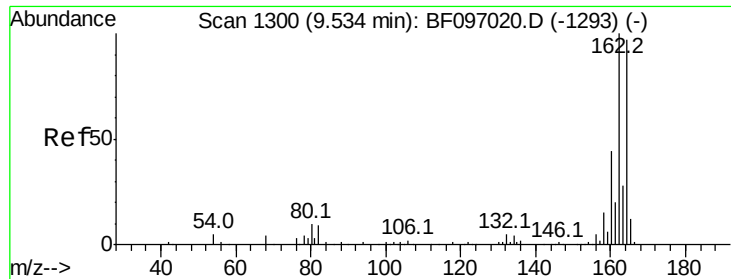
Tot Ion: 82 Resp: 113547
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 64.3 42.2 63.2#



#31
 Naphthalene
 Concen: 10.099 ng
 RT: 7.79 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

Tgt Ion:128 Resp: 210082
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 12.6 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-A

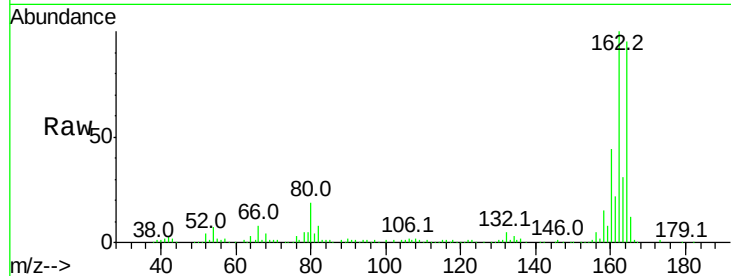
Tot Ion:164 Resp: 154941

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

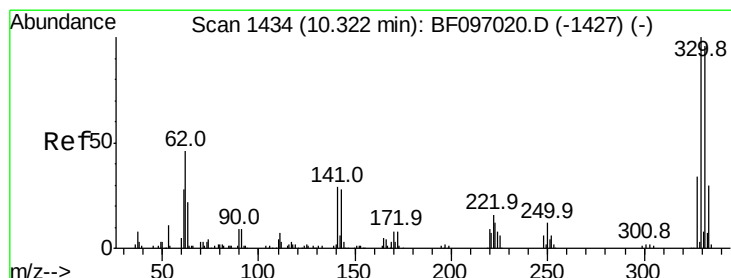
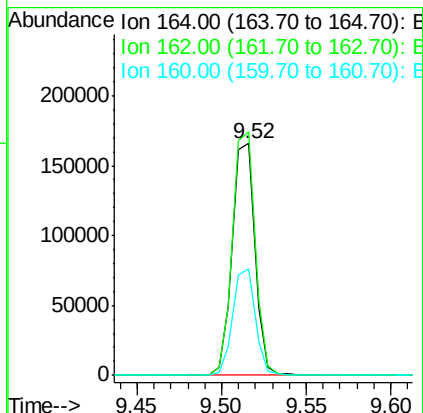
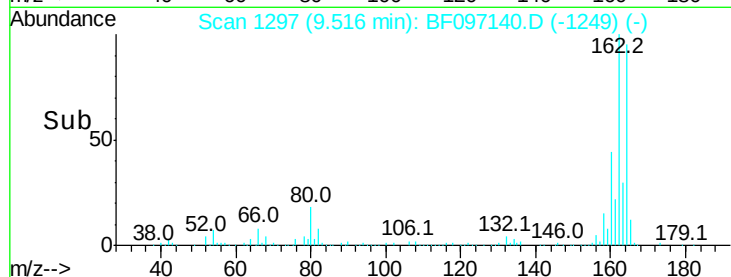
160 45.8 36.2 54.2



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: 21.332 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

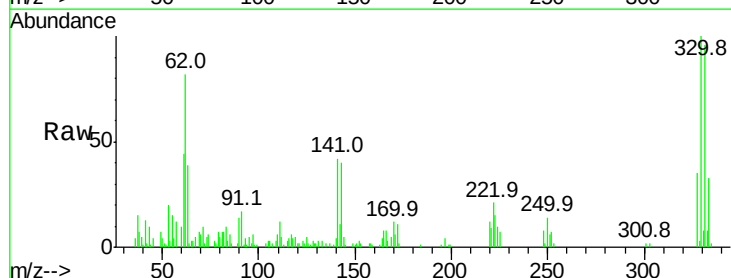
Tgt Ion:330 Resp: 26114

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

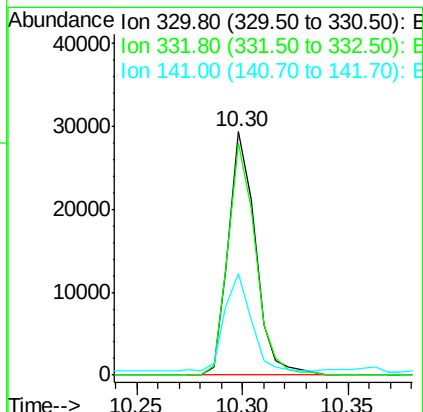
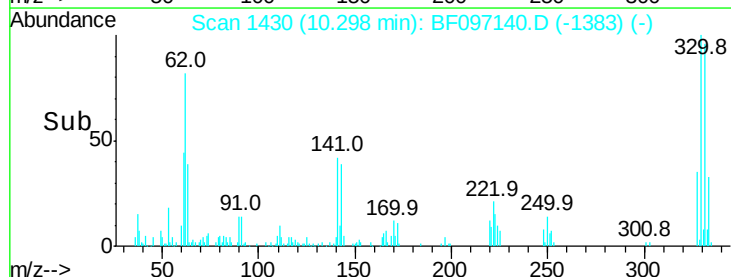
141 39.4 31.4 47.2

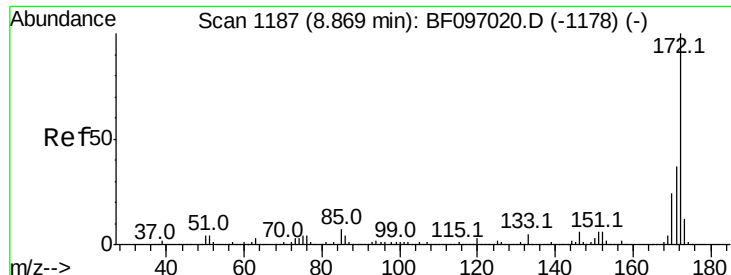


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

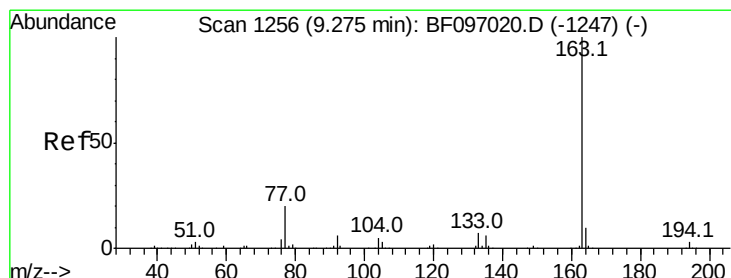
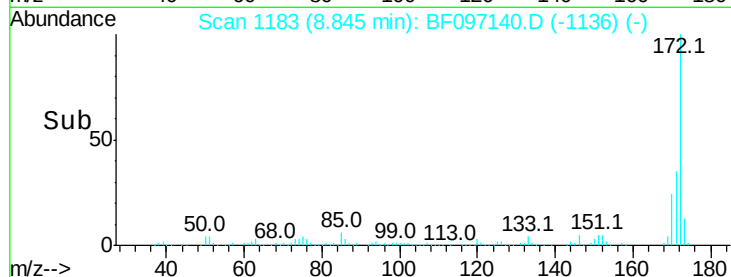
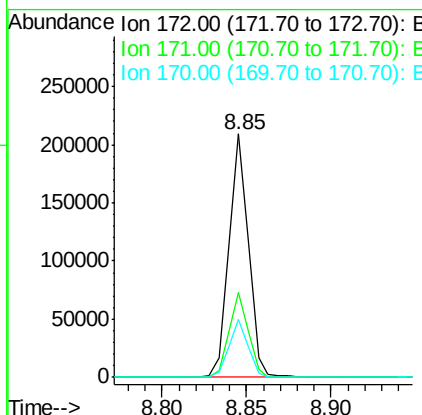
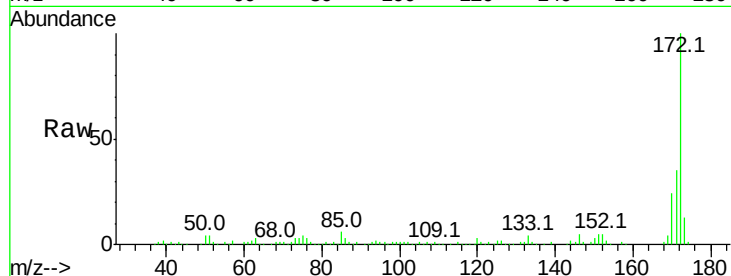




#44
 2-Fluorobiphenyl
 Concen: 18.260 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

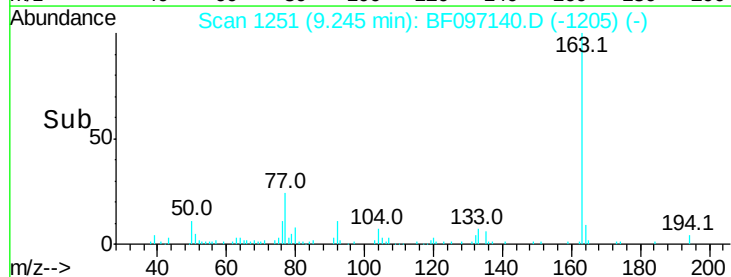
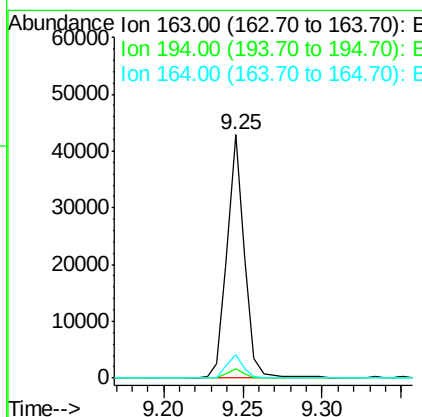
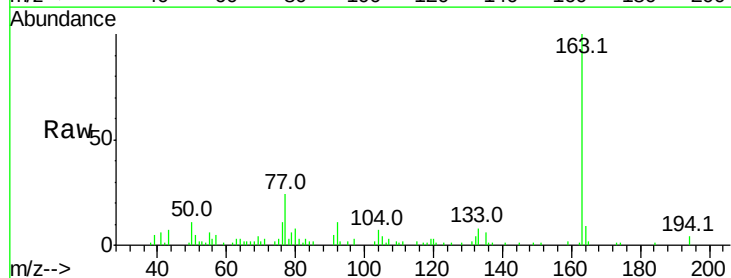
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-A

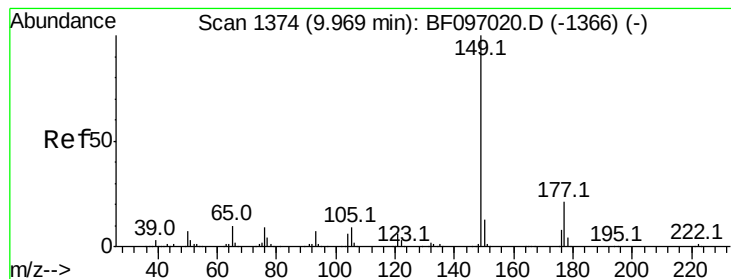
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 2.785 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.5	8.4	12.6





#59

Diethylphthalate

Concen: 2.482 ng

RT: 9.94 min Scan# 1369

Delta R.T. -0.03 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-A

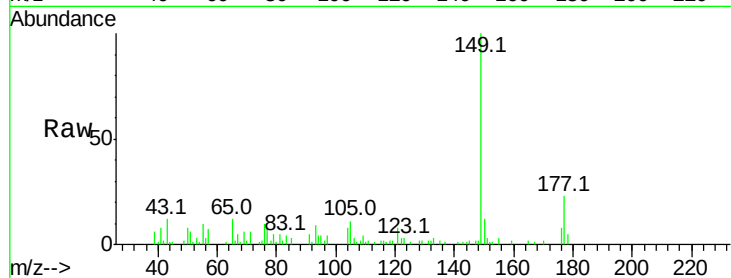
Tot Ion:149 Resp: 26795

Ion Ratio Lower Upper

149 100

177 23.2 16.7 25.1

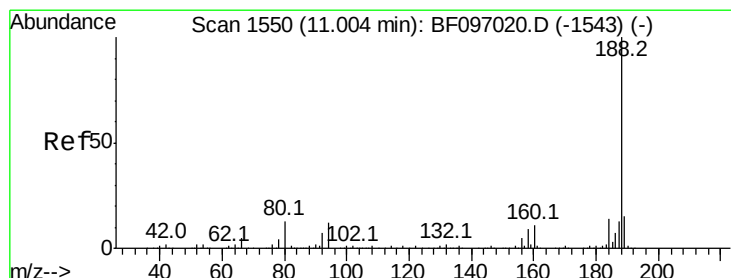
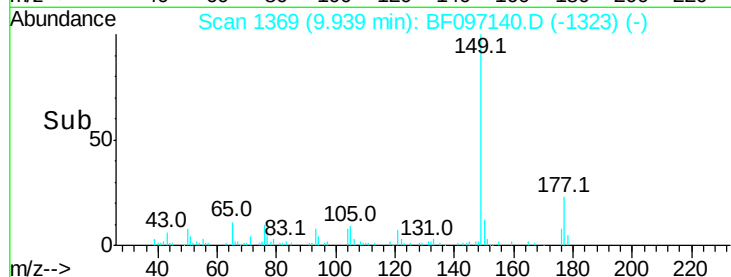
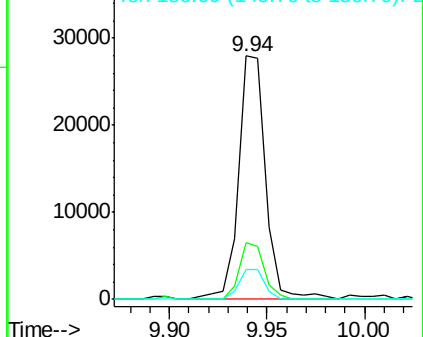
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

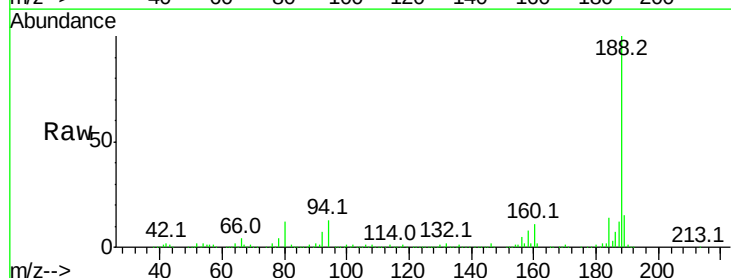
Tgt Ion:188 Resp: 219910

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

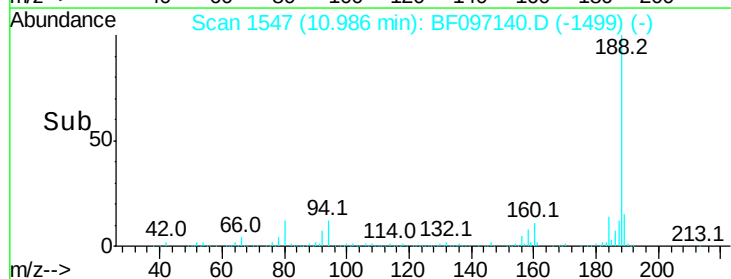
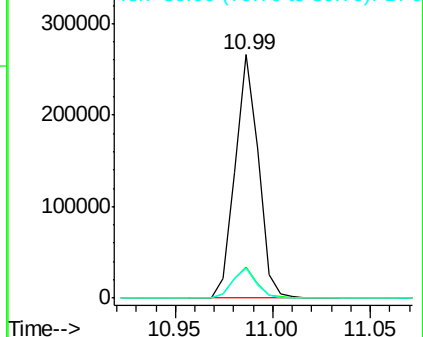
80 12.5 10.2 15.2

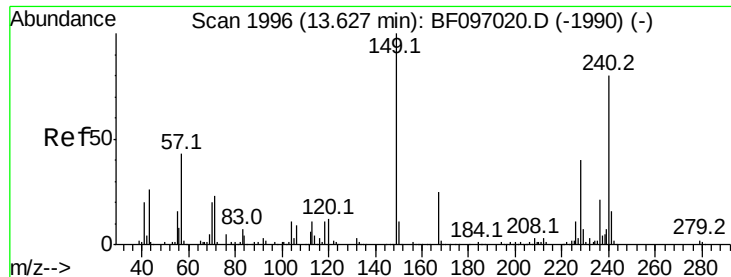


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097140.D

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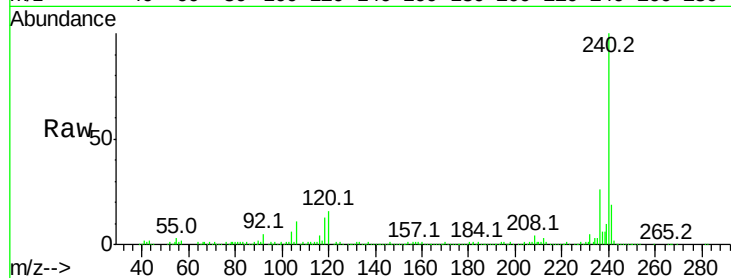
Tot Ion:240 Resp: 191814

Ion Ratio Lower Upper

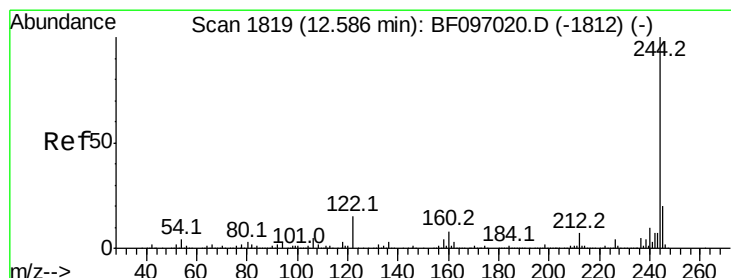
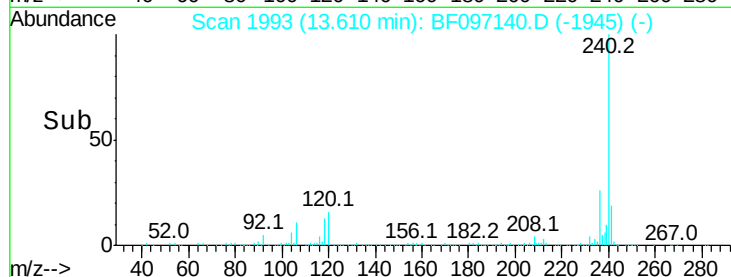
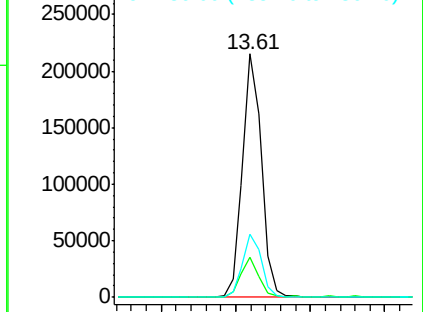
240 100

120 16.5 5.8 8.8#

236 25.9 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: 10.063 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097140.D

Acq: 27 Jul 2017 23:29

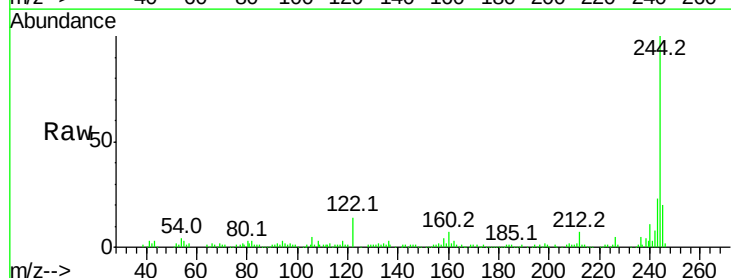
Tgt Ion:244 Resp: 94670

Ion Ratio Lower Upper

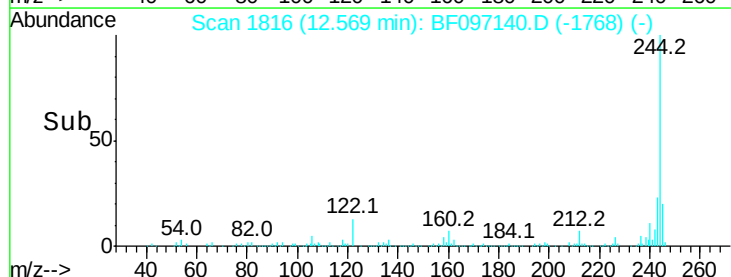
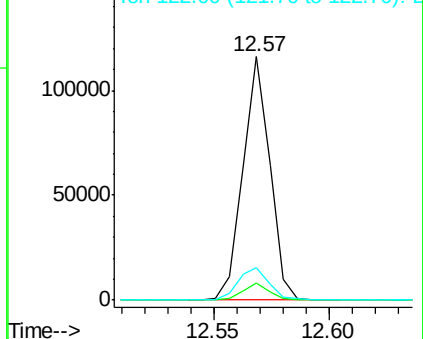
244 100

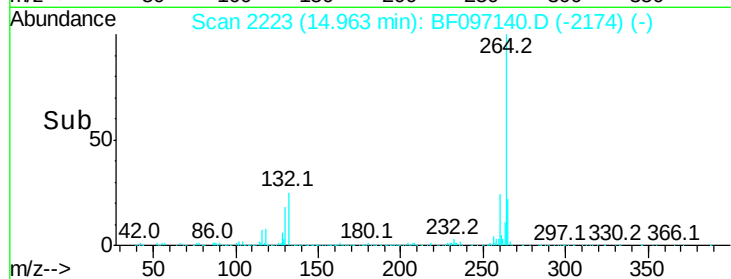
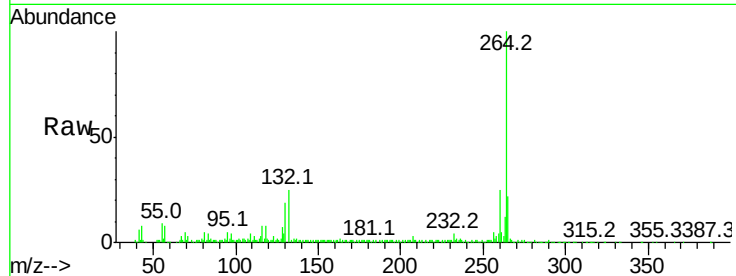
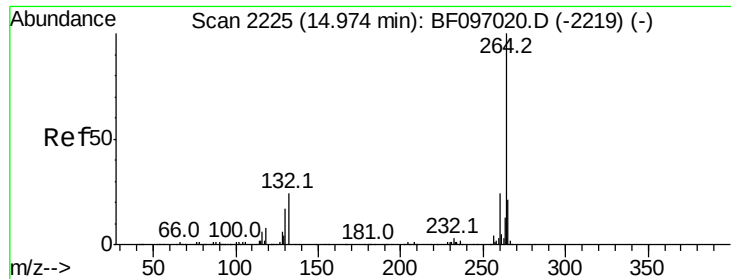
212 7.1 6.0 9.0

122 13.5 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: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097140.D
 Acq: 27 Jul 2017 23:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.1	17.2	25.8

