

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097623.D
 Acq On : 12 Aug 2017 6:36
 Operator : SJ/JU
 Sample : I4723-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEANING-WALL

Quant Time: Aug 14 01:00:31 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

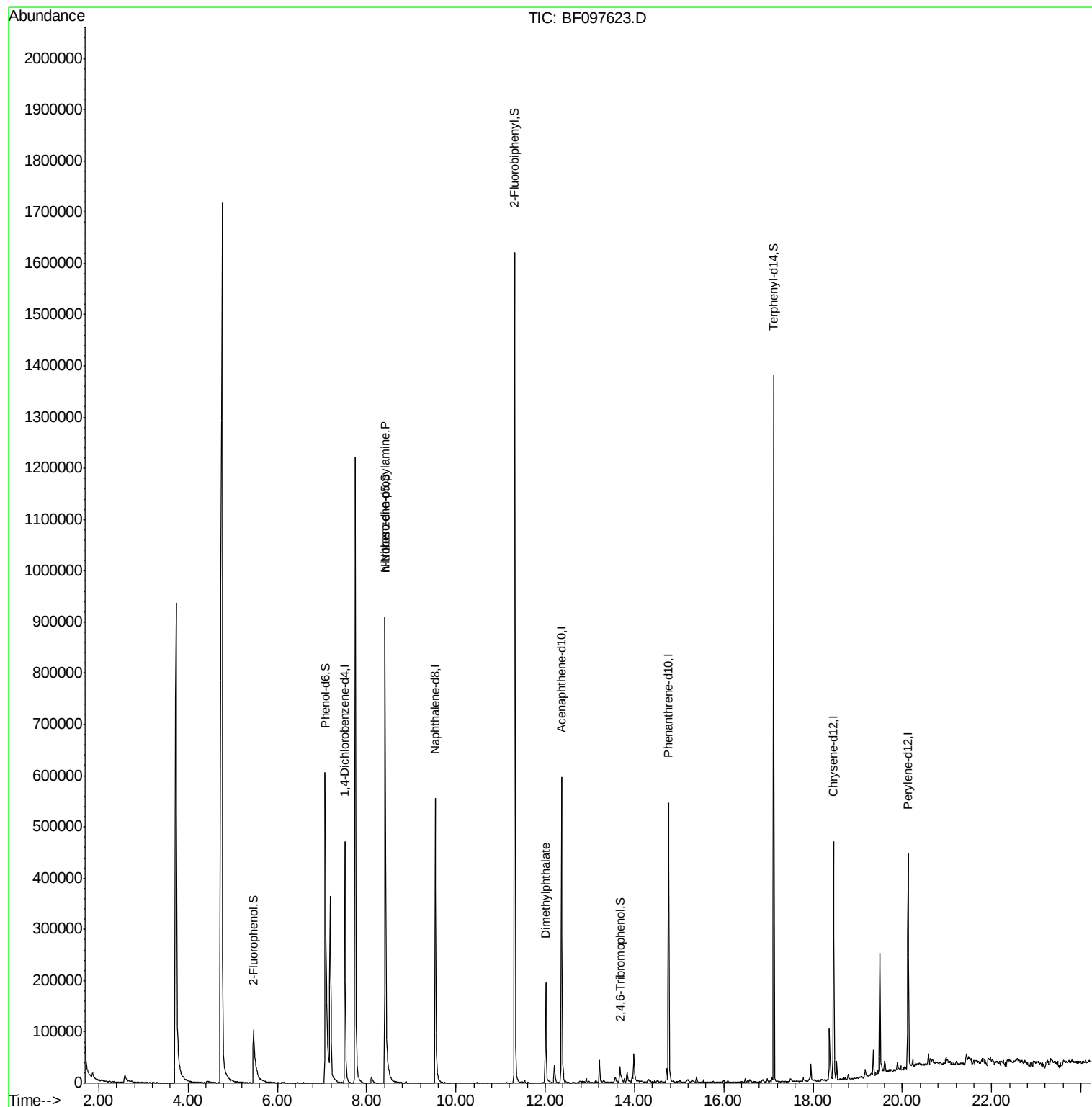
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	107127	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	392634	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	170286	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	280472	20.00	ng	0.00
75) Chrysene-d12	18.46	240	205244	20.00	ng	0.00
86) Perylene-d12	20.13	264	182486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	100747	14.95	ng	0.06
7) Phenol-d6	7.07	99	447544	53.53	ng	0.01
23) Nitrobenzene-d5	8.42	82	456060	72.83	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	7312	5.65	ng	0.01
44) 2-Fluorobiphenyl	11.32	172	732604	64.93	ng	0.00
78) Terphenyl-d14	17.12	244	515138	51.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.42	70	57319	9.86	ng	Qvalue # 86
49) Dimethylphthalate	12.01	163	123090	9.38	ng	99

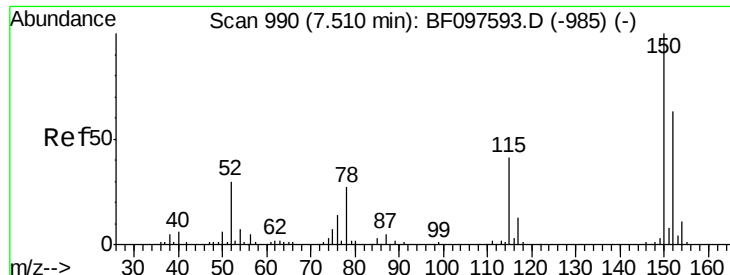
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097623.D

Acq: 12 Aug 2017 6:36

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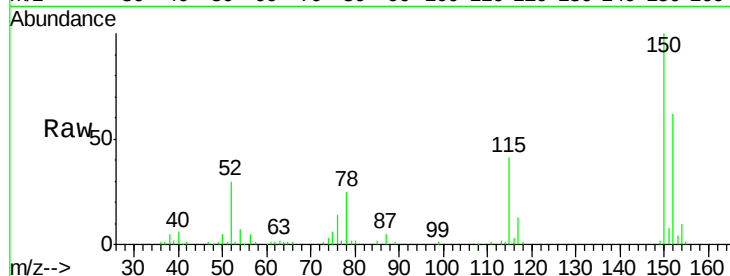
Tot Ion:152 Resp: 107127

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

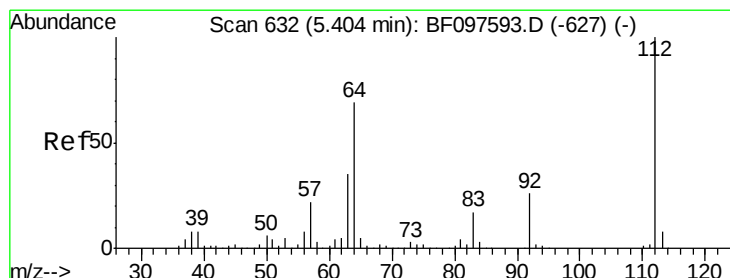
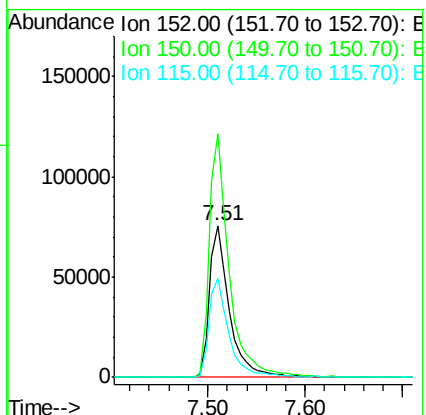
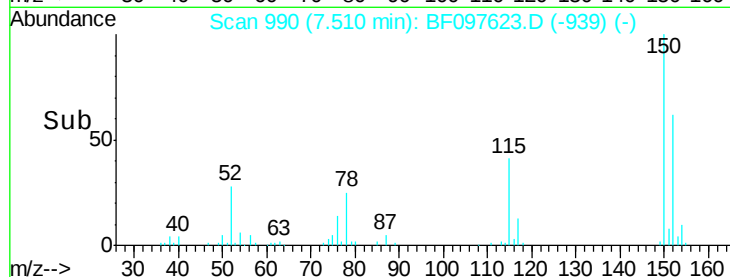
115 64.9 52.2 78.2



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: 14.95 ng

RT: 5.46 min Scan# 642

Delta R.T. 0.06 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

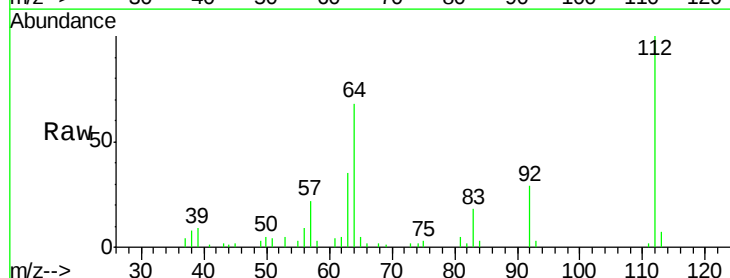
Tgt Ion:112 Resp: 100747

Ion Ratio Lower Upper

112 100

64 67.8 46.0 69.0

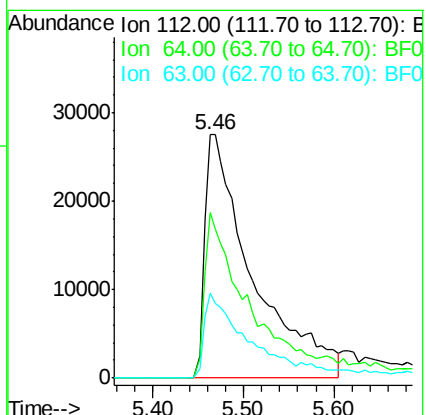
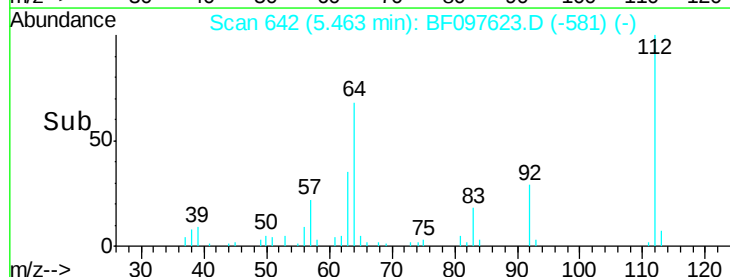
63 35.0 23.4 35.0

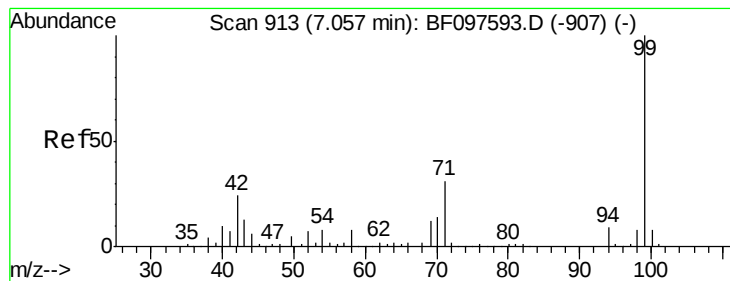


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.53 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

Instrument :

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ClientSampleId :

LEANING-WALL

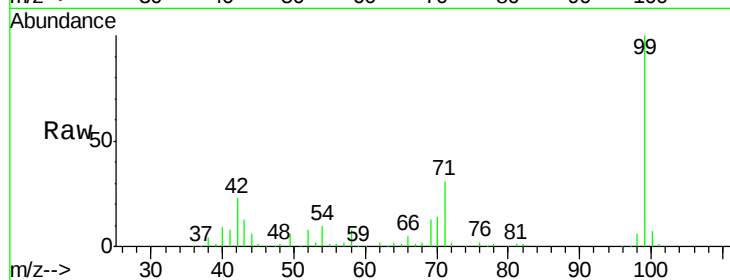
Tot Ion: 99 Resp: 447544

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

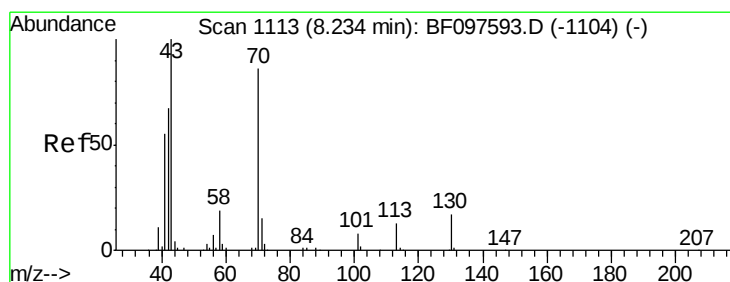
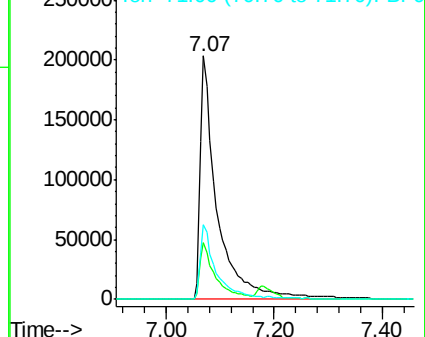
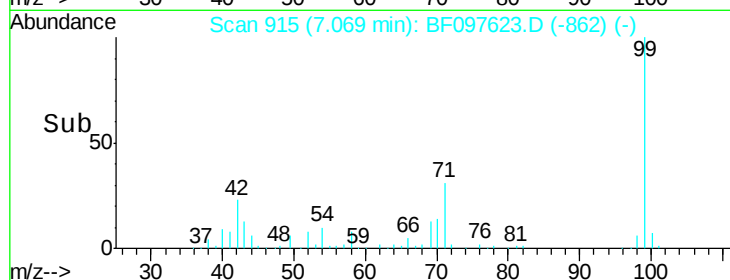
71 30.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.86 ng

RT: 8.42 min Scan# 1144

Delta R.T. 0.18 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

Tgt Ion: 70 Resp: 57319

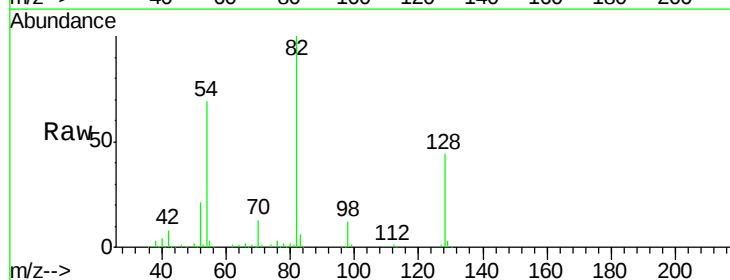
Ion Ratio Lower Upper

70 100

42 62.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

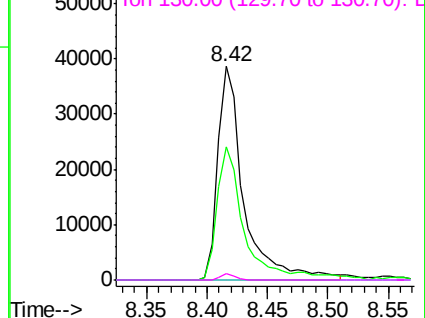
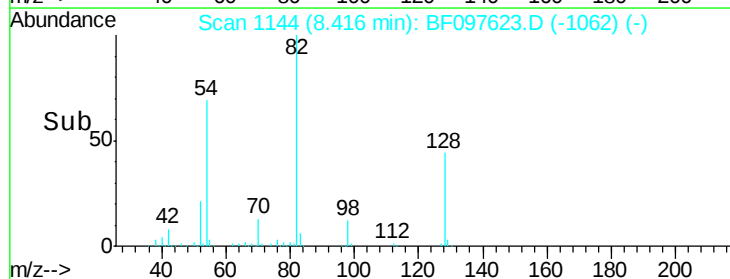


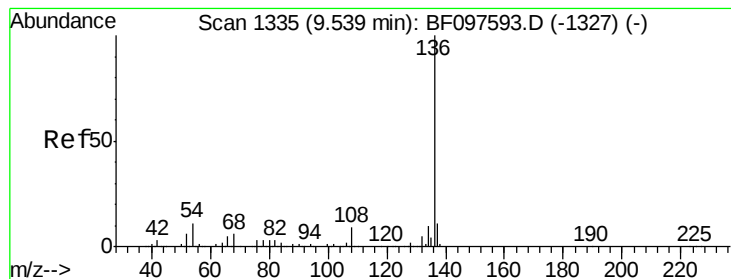
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

Instrument :

BNA_F

ClientSampleId :

LEANING-WALL

Tot Ion:136 Resp: 392634

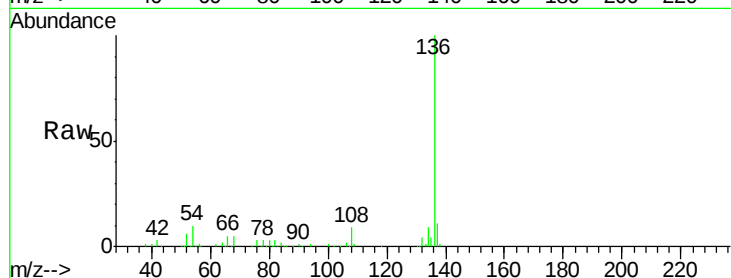
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.1 4.9 7.3#

68 5.1 4.1 6.1

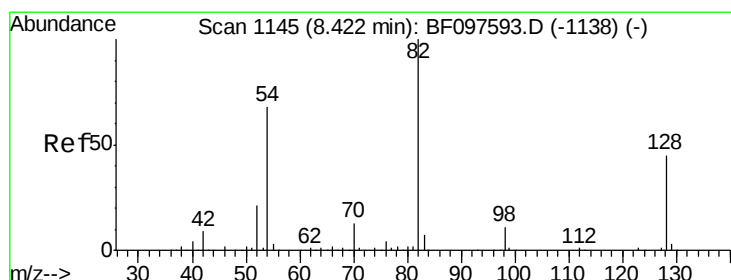
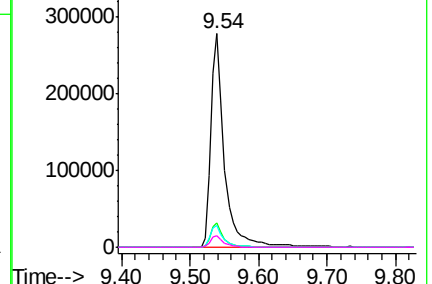
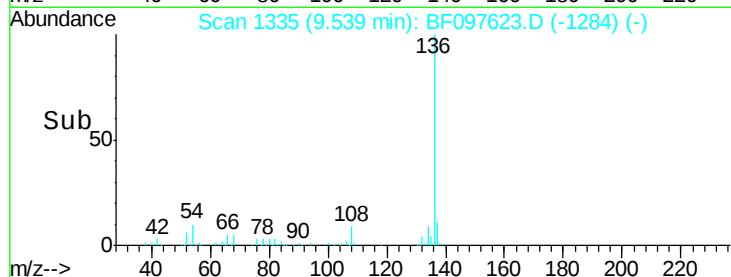


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.83 ng

RT: 8.42 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

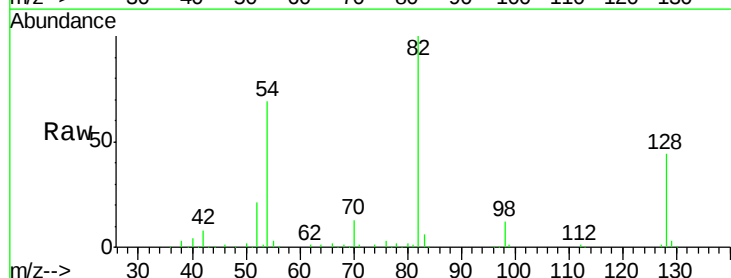
Tgt Ion: 82 Resp: 456060

Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

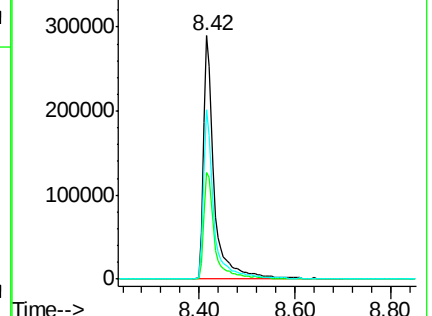
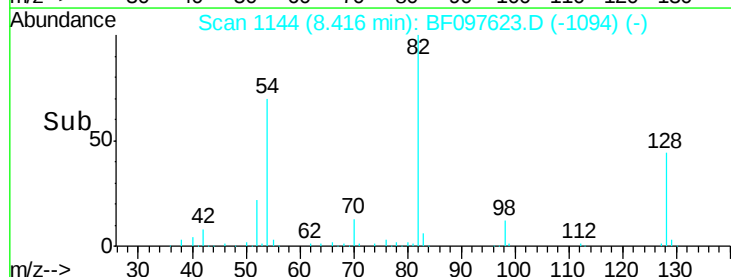
54 69.3 42.2 63.2#

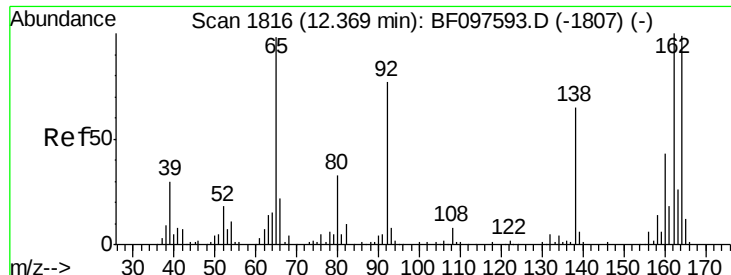


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1815

Delta R.T. -0.01 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

Instrument :

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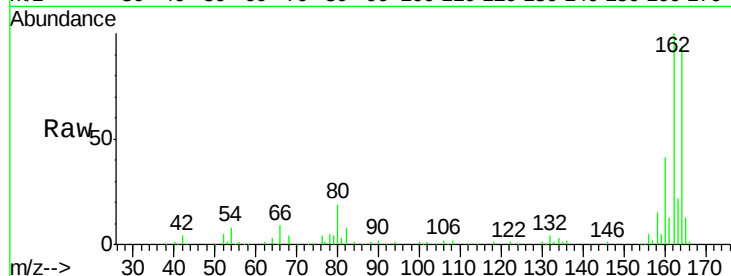
Tot Ion:164 Resp: 170286

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

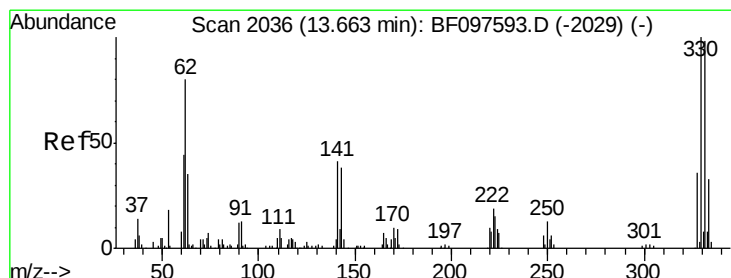
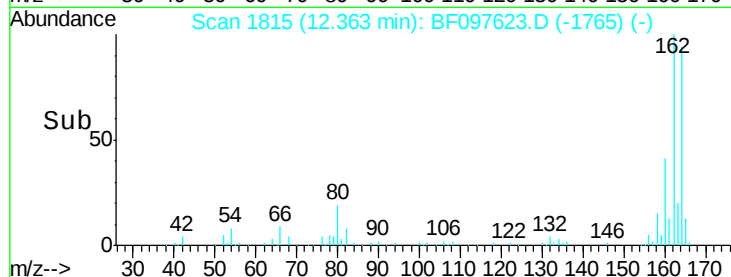
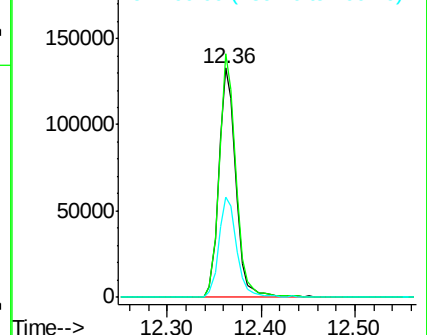
160 43.5 36.2 54.2



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: 5.65 ng

RT: 13.67 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF097623.D

Acq: 12 Aug 2017 6:36

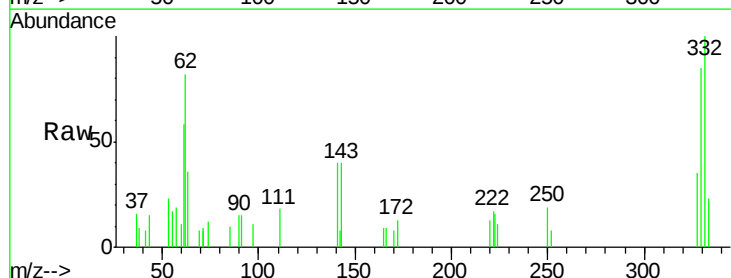
Tgt Ion:330 Resp: 7312

Ion Ratio Lower Upper

330 100

332 100.4 76.6 115.0

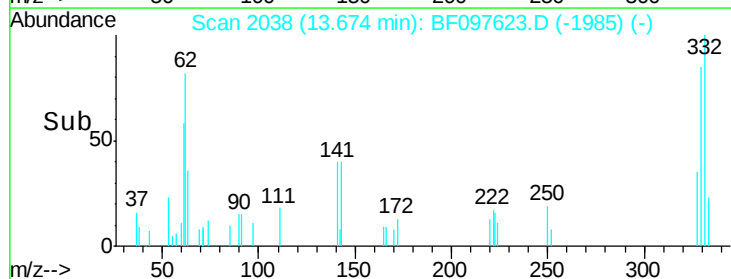
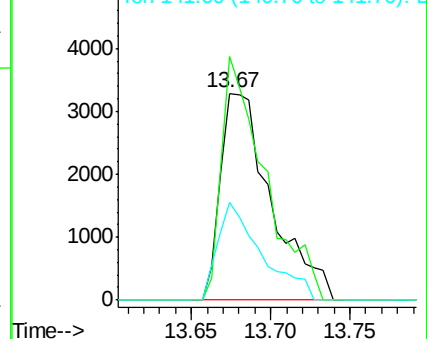
141 41.0 31.4 47.2

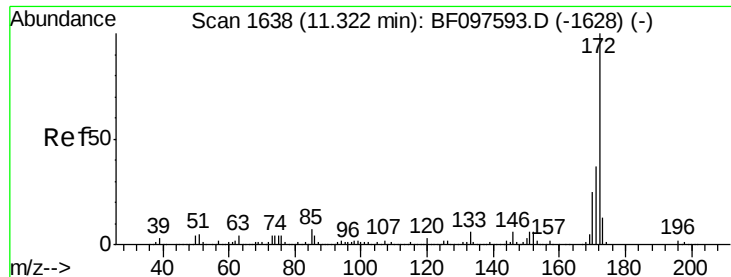


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

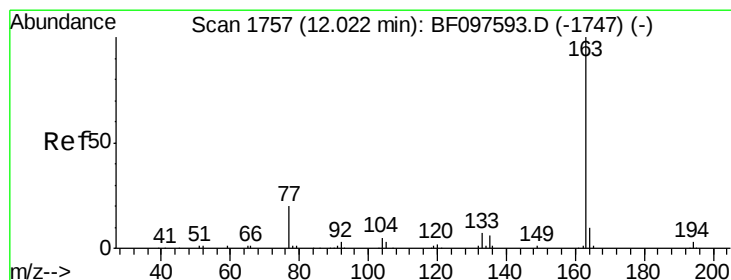
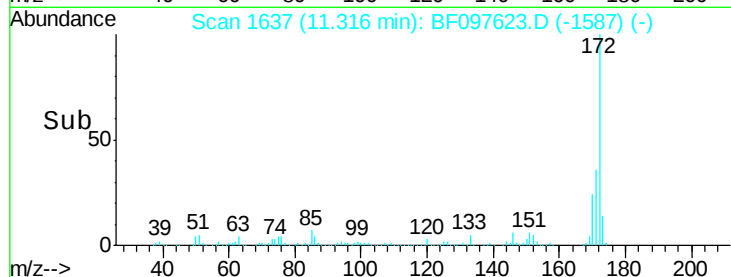
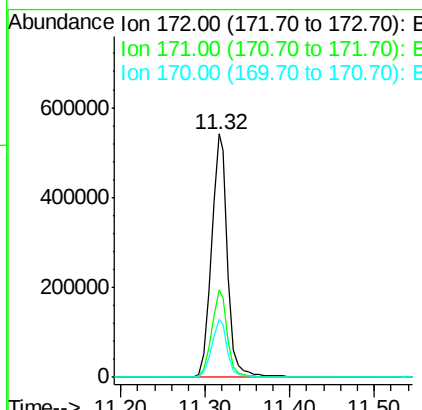
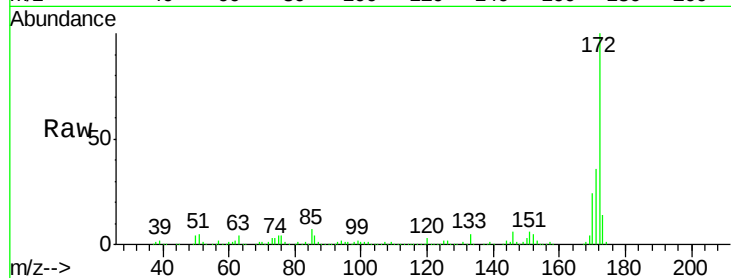




#44
2-Fluorobiphenyl
Concen: 64.93 ng
RT: 11.32 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF097623.D
Acq: 12 Aug 2017 6:36

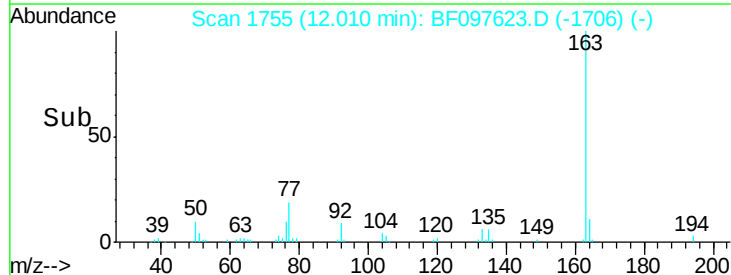
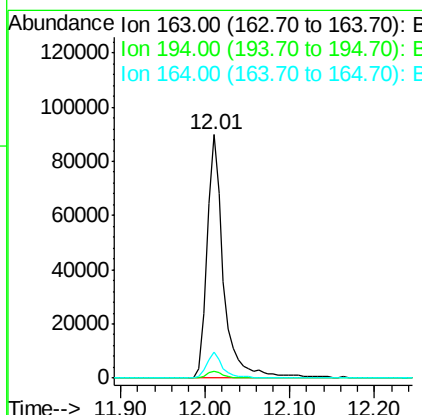
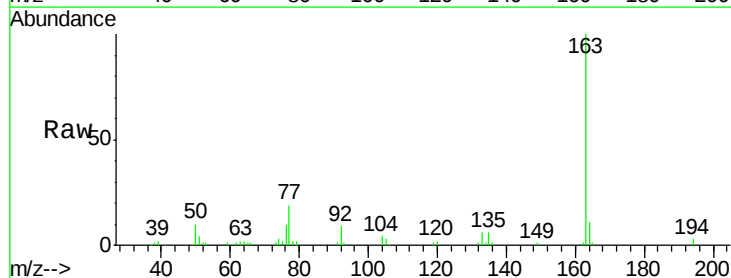
Instrument :
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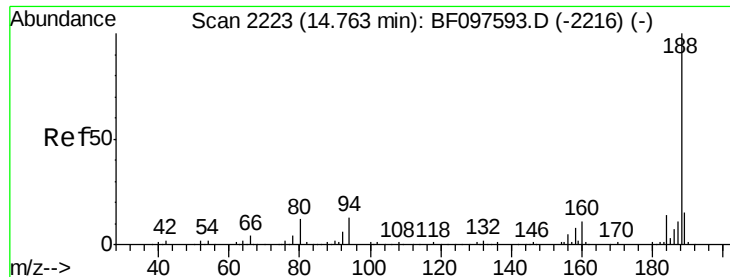
Tot Ion:172 Resp: 732604
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 9.38 ng
RT: 12.01 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097623.D
Acq: 12 Aug 2017 6:36

Tgt Ion:163 Resp: 123090
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.9 8.4 12.6

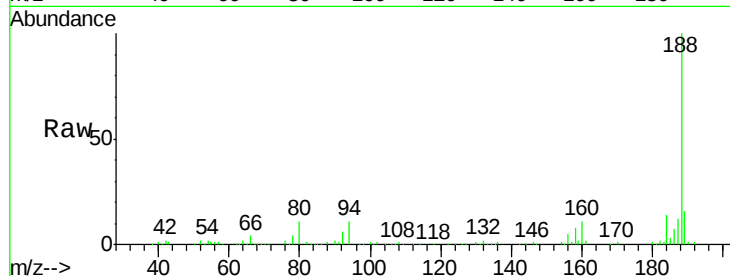




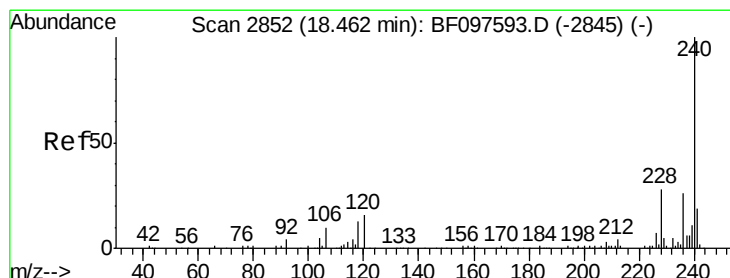
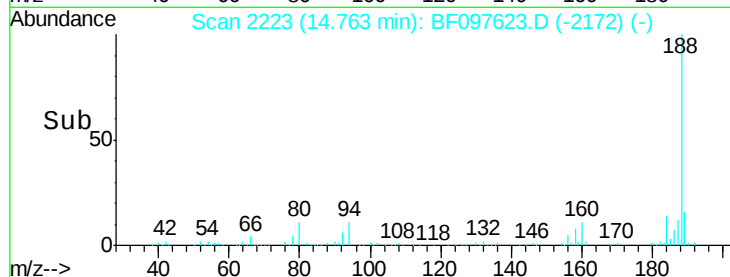
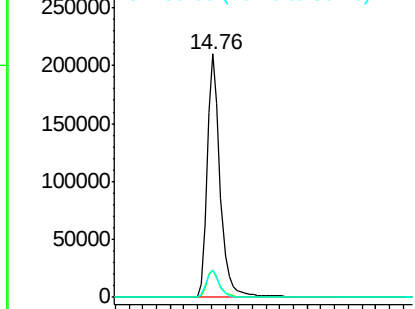
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF097623.D
Acq: 12 Aug 2017 6:36

Instrument :
BNA_F
ClientSampleId :
LEANING-WALL

Tot Ion:188 Resp: 280472
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.3 10.2 15.2

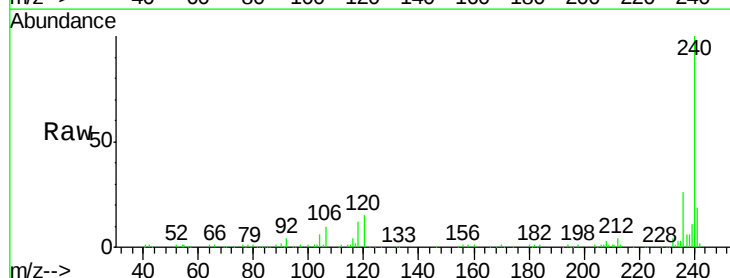


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

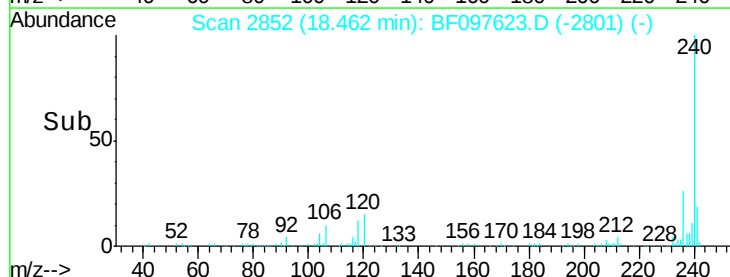
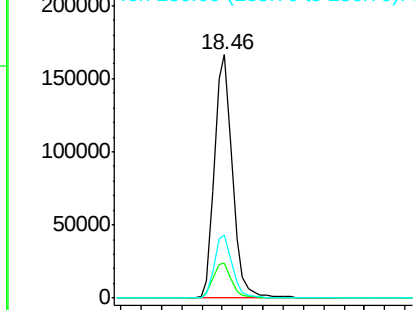


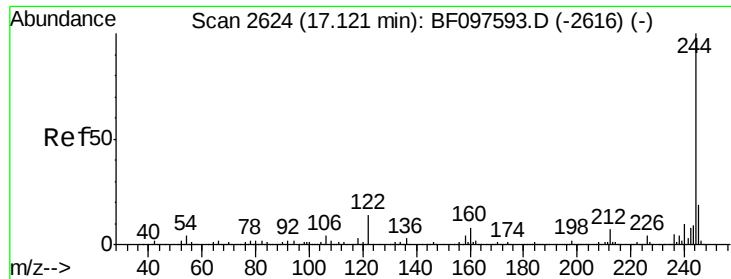
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BF097623.D
Acq: 12 Aug 2017 6:36

Tgt Ion:240 Resp: 205244
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 26.2 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

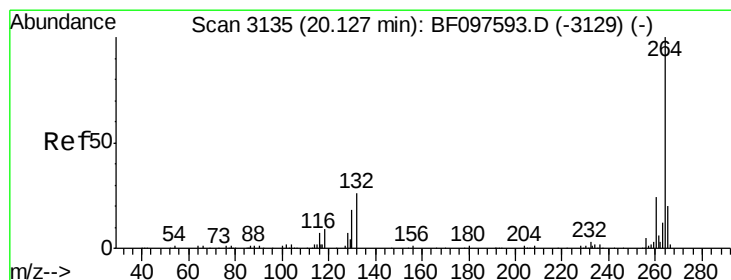
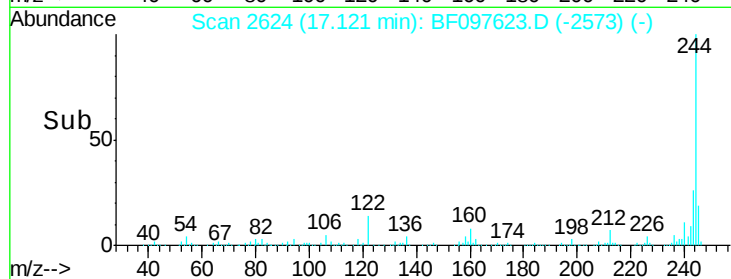
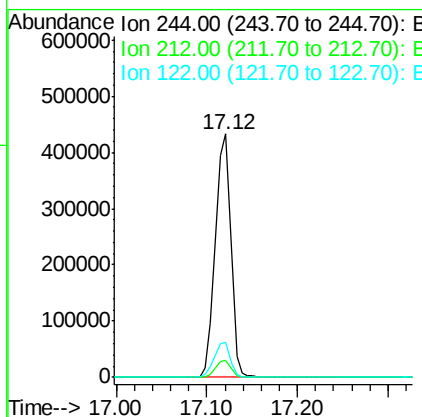
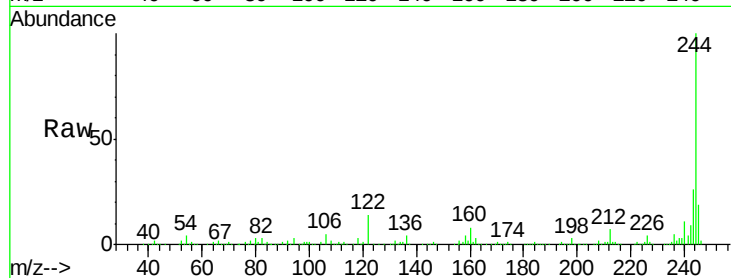




#78
 Terphenyl-d14
 Concen: 51.95 ng
 RT: 17.12 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF097623.D
 Acq: 12 Aug 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 LEANING-WALL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BF097623.D
 Acq: 12 Aug 2017 6:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.2	17.2	25.8

