

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097625.D
 Acq On : 12 Aug 2017 7:41
 Operator : SJ/JU
 Sample : I4723-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STAINED-BRICK

Quant Time: Aug 14 01:01:01 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

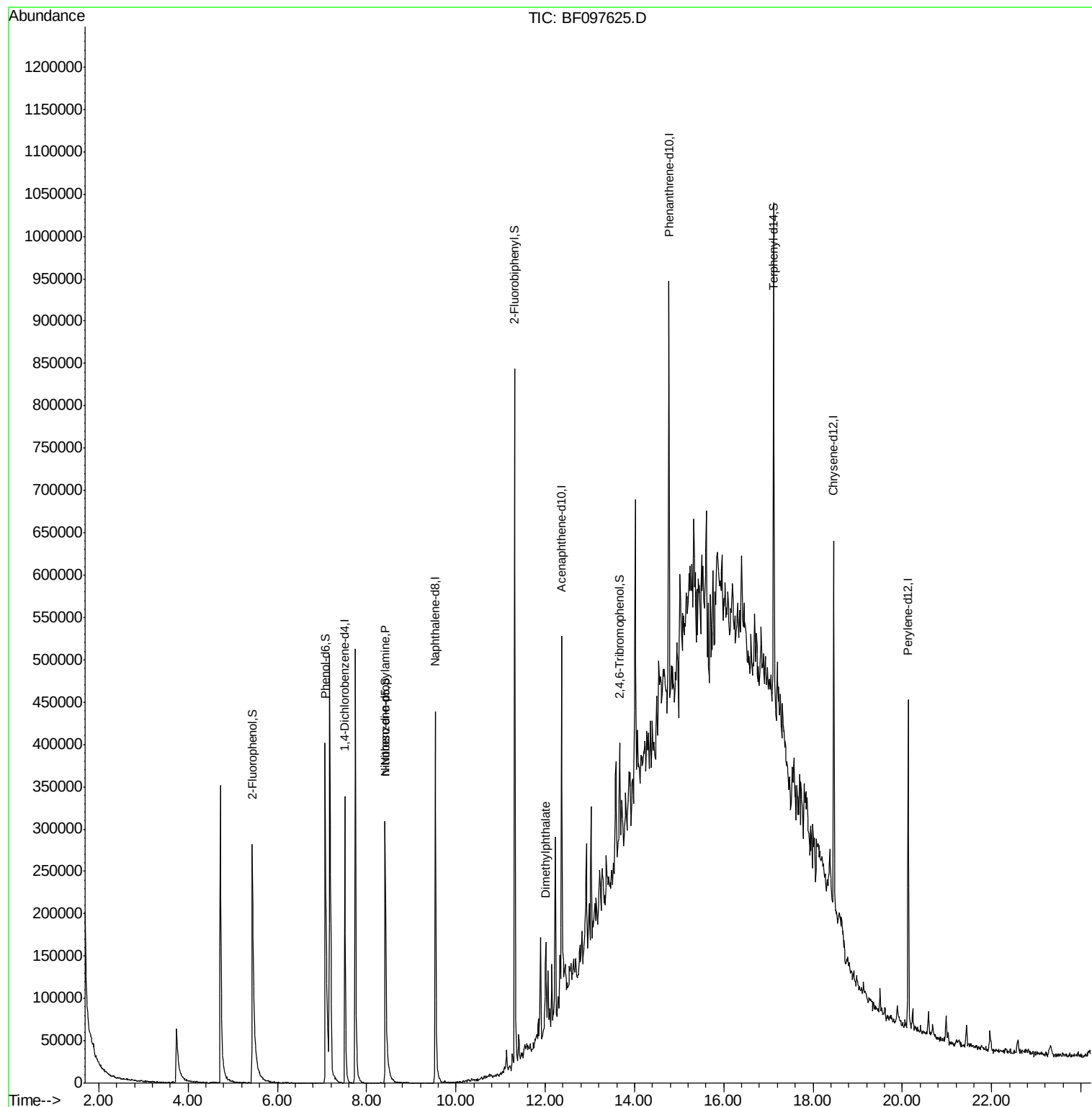
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	78063	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	320539	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	123009	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	165444	20.00	ng	0.00
75) Chrysene-d12	18.46	240	181959	20.00	ng	0.00
86) Perylene-d12	20.13	264	162365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	228365	46.50	ng	0.04
7) Phenol-d6	7.07	99	325007	53.35	ng	0.01
23) Nitrobenzene-d5	8.42	82	197532	38.64	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	25699	27.48	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	340822	41.82	ng	0.00
78) Terphenyl-d14	17.12	244	229007	26.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.42	70	24056	5.68	ng	Qvalue # 86
49) Dimethylphthalate	12.01	163	59467	6.27	ng	99

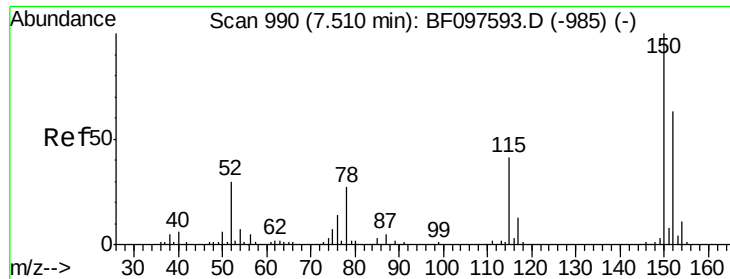
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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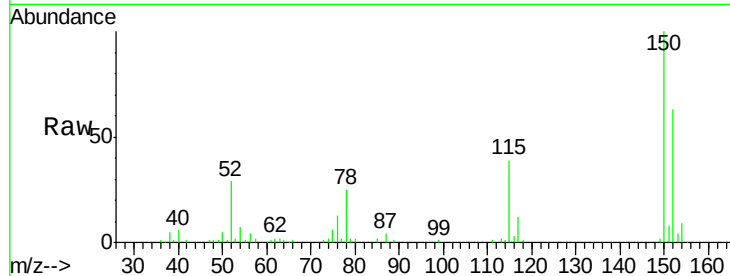


#1

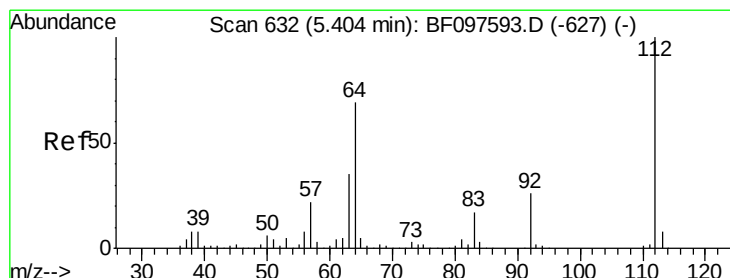
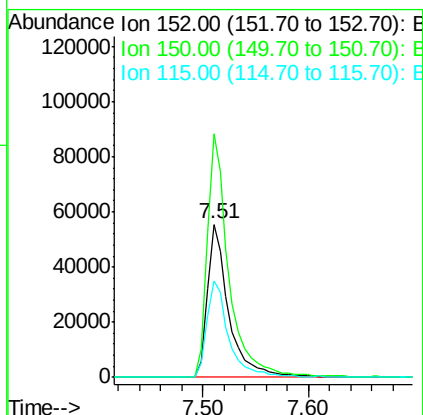
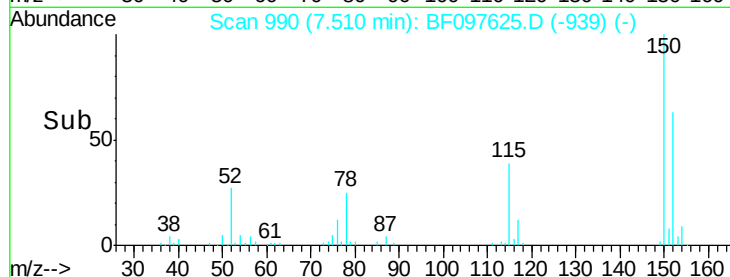
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097625.D
Acq: 12 Aug 2017 7:41

Instrument :
BNA_F
ClientSampleId :
STAINED-BRICK

Tot Ion:152 Resp: 78063
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 62.7 52.2 78.2



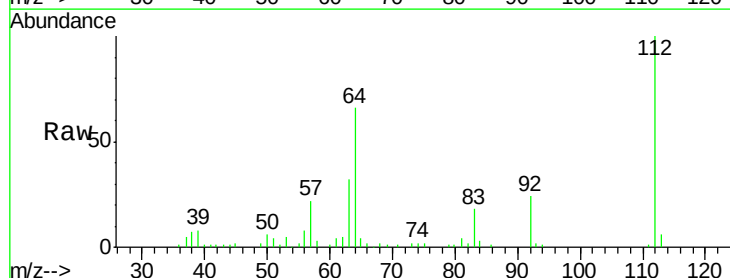
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



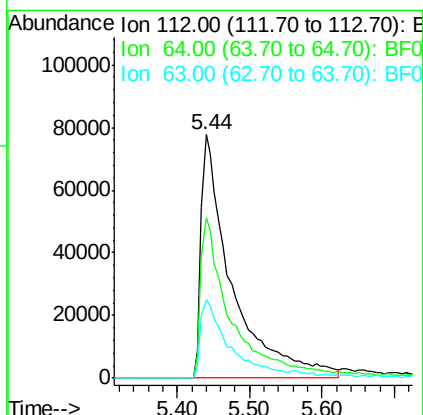
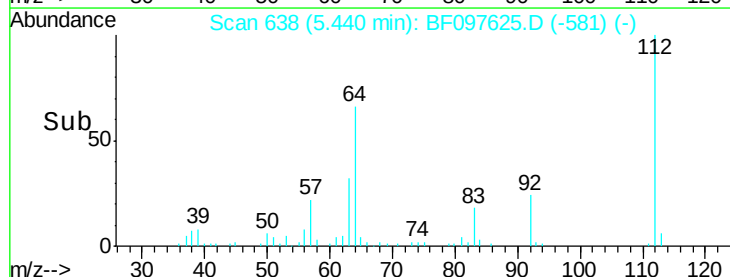
#5

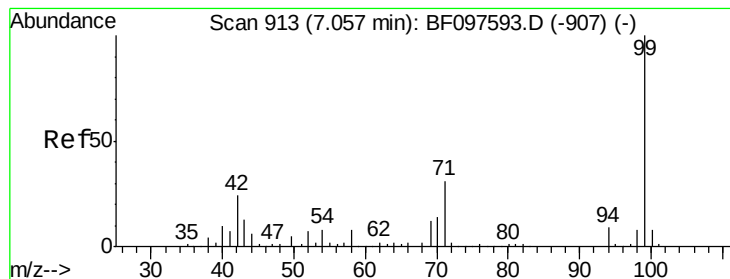
2-Fluorophenol
Concen: 46.50 ng
RT: 5.44 min Scan# 638
Delta R.T. 0.04 min
Lab File: BF097625.D
Acq: 12 Aug 2017 7:41

Tgt Ion:112 Resp: 228365
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 32.2 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: 53.35 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097625.D

Acq: 12 Aug 2017 7:41

Instrument :

BNA_F

ClientSampleId :

STAINED-BRICK

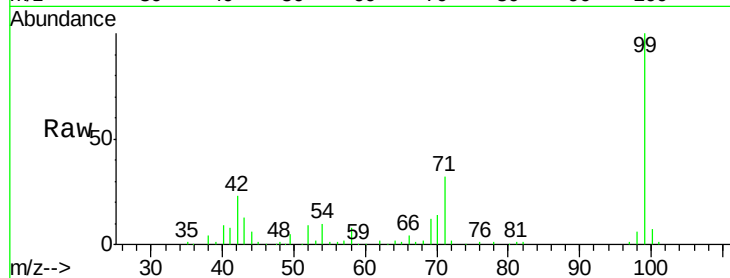
Tot Ion: 99 Resp: 325007

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

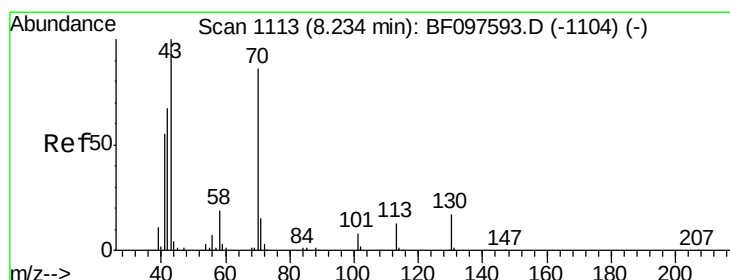
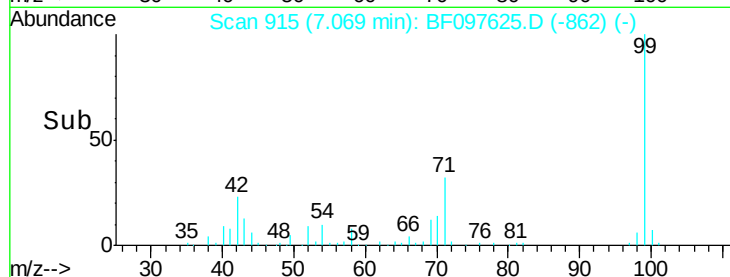
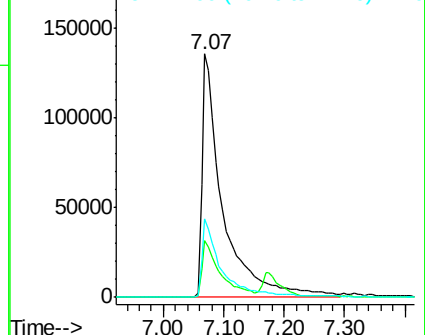
71 32.0 24.5 36.7



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: 5.68 ng

RT: 8.42 min Scan# 1145

Delta R.T. 0.19 min

Lab File: BF097625.D

Acq: 12 Aug 2017 7:41

Tgt Ion: 70 Resp: 24056

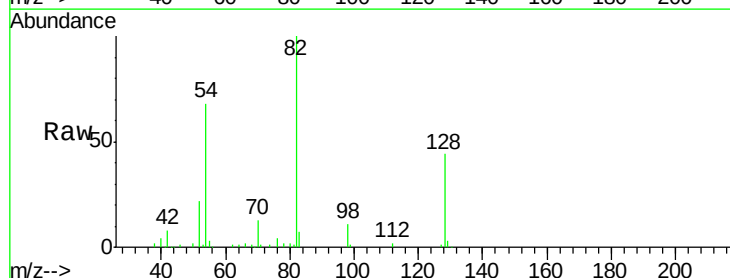
Ion Ratio Lower Upper

70 100

42 62.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

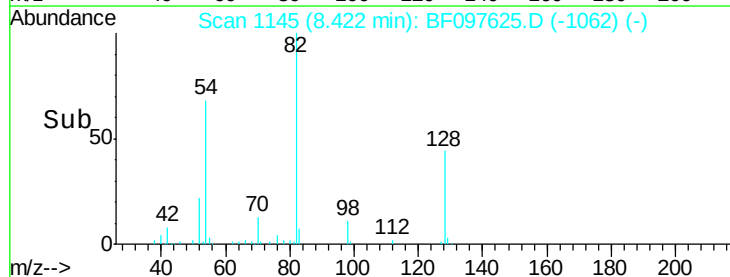
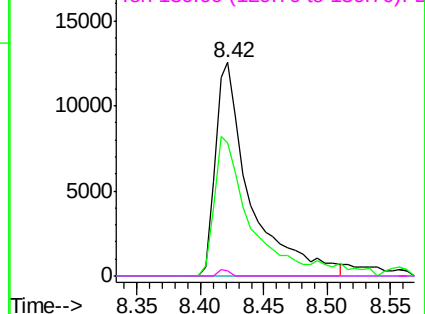


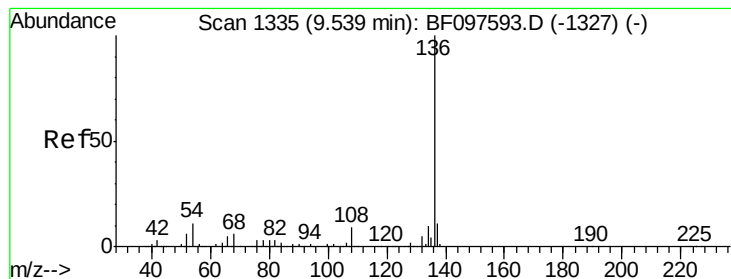
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF097625.D

Acq: 12 Aug 2017 7:41

Instrument :

BNA_F

ClientSampleId :

STAINED-BRICK

Tot Ion:136 Resp: 320539

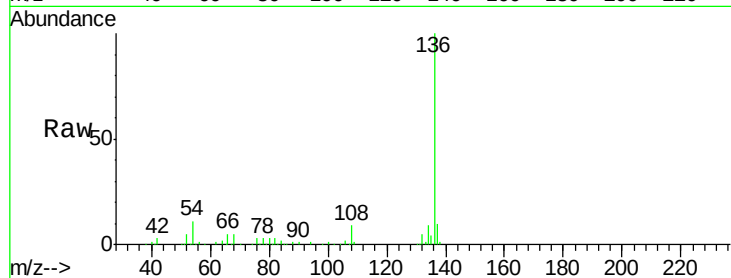
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.6 4.9 7.3#

68 5.2 4.1 6.1

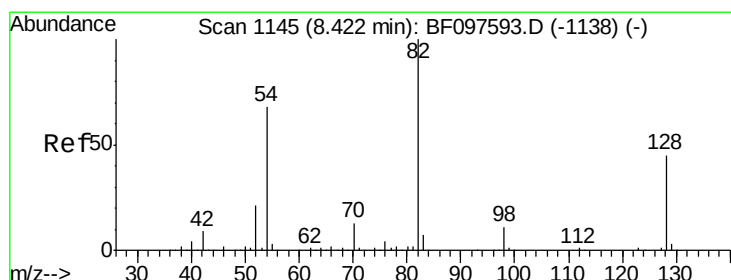
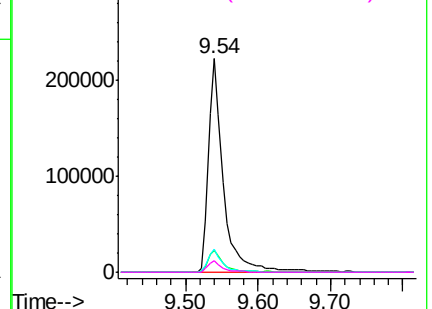
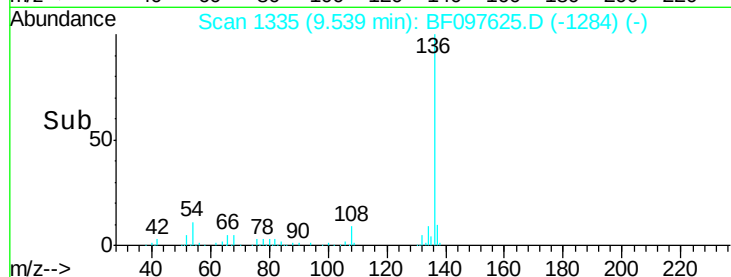


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.64 ng

RT: 8.42 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF097625.D

Acq: 12 Aug 2017 7:41

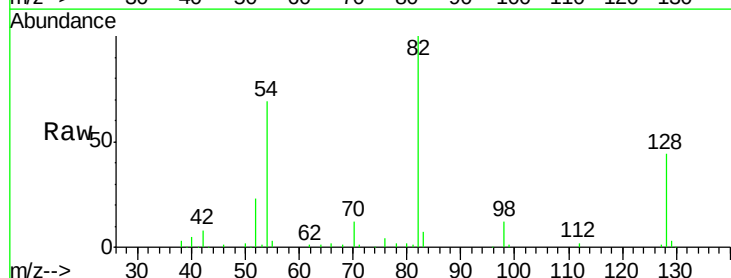
Tgt Ion: 82 Resp: 197532

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

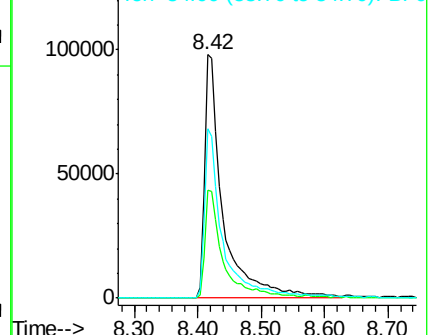
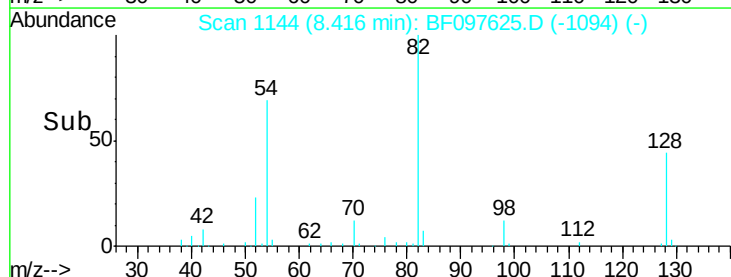
54 69.4 42.2 63.2#

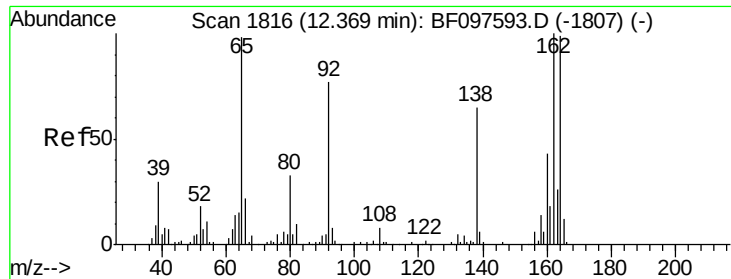


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF097625.D

Acq: 12 Aug 2017 7:41

Instrument :

BNA_F

ClientSampleId :

STAINED-BRICK

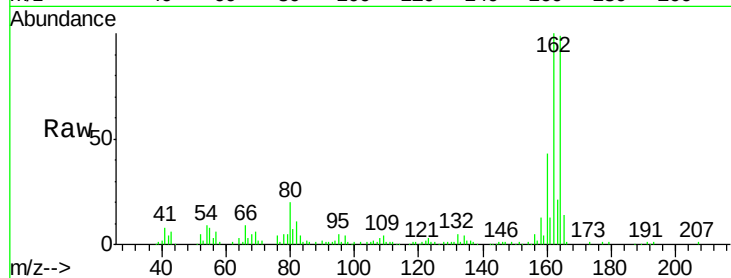
Tot Ion:164 Resp: 123009

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

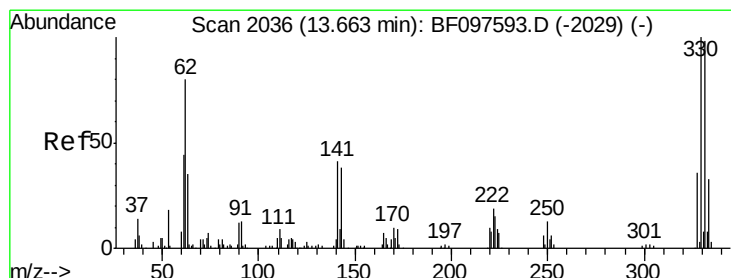
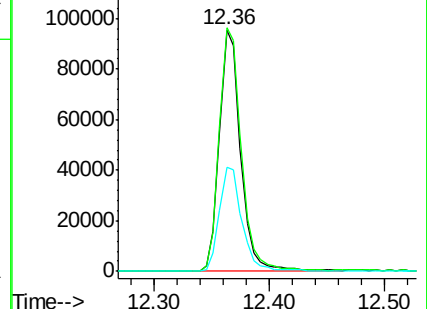
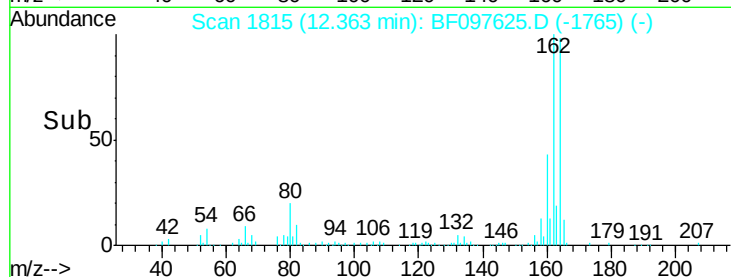
160 43.0 36.2 54.2



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: 27.48 ng

RT: 13.67 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF097625.D

Acq: 12 Aug 2017 7:41

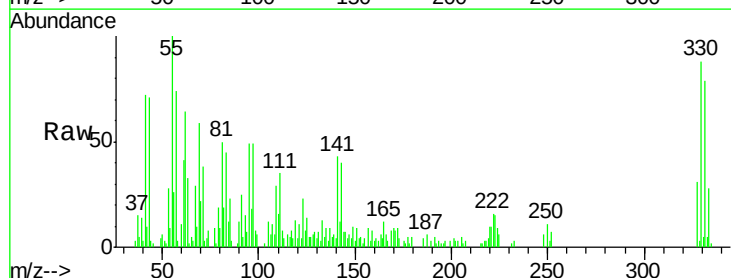
Tgt Ion:330 Resp: 25699

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

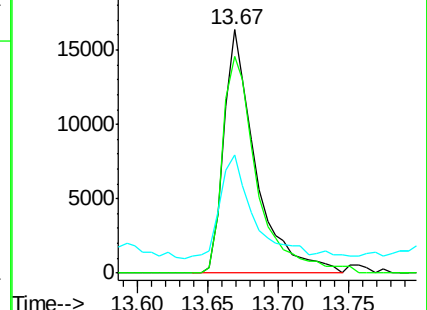
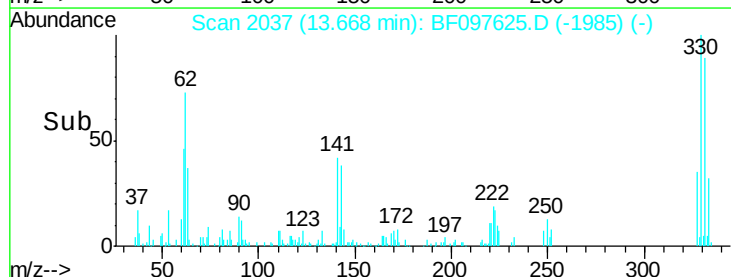
141 43.9 31.4 47.2

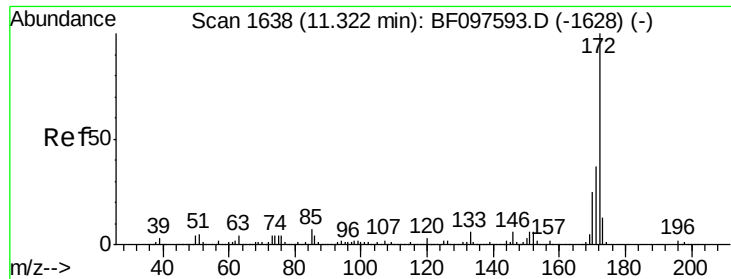


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

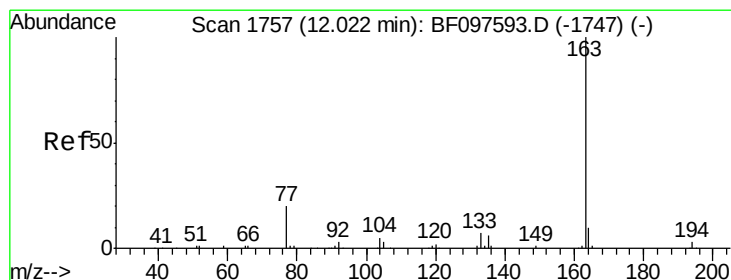
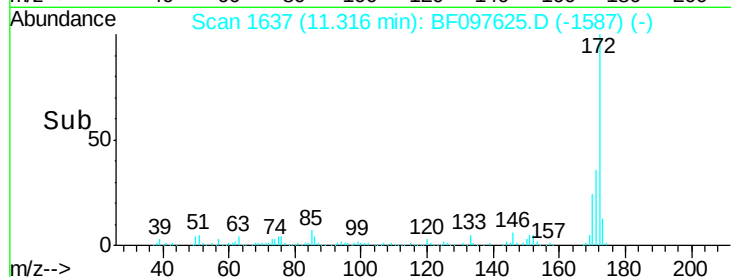
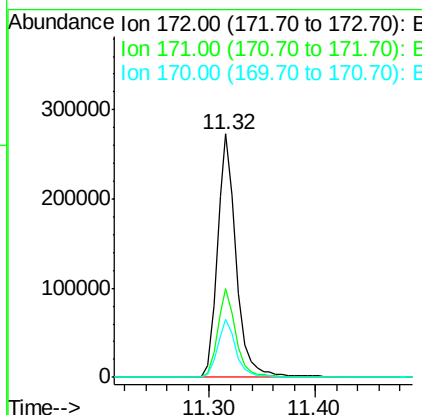
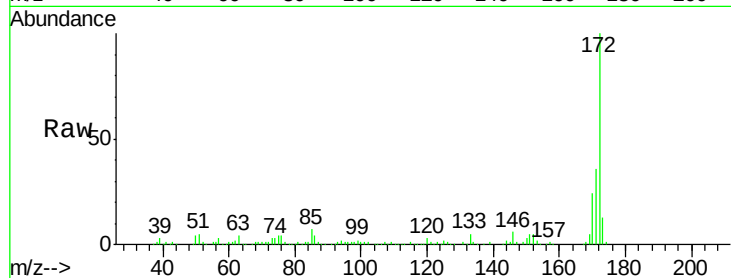




#44
2-Fluorobiphenyl
Concen: 41.82 ng
RT: 11.32 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF097625.D
Acq: 12 Aug 2017 7:41

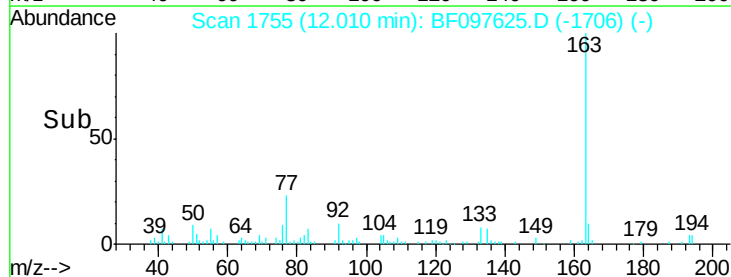
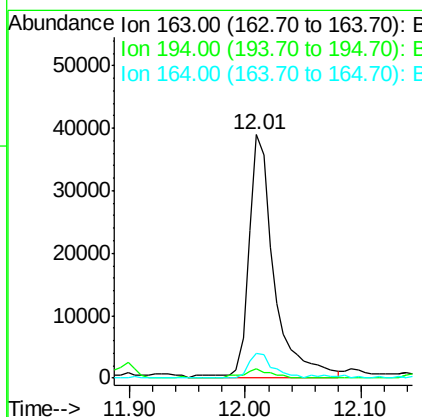
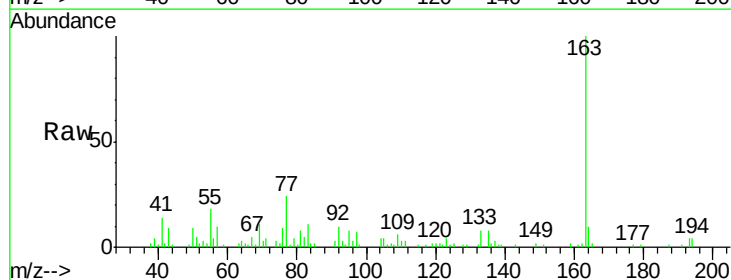
Instrument :
BNA_F
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STAINED-BRICK

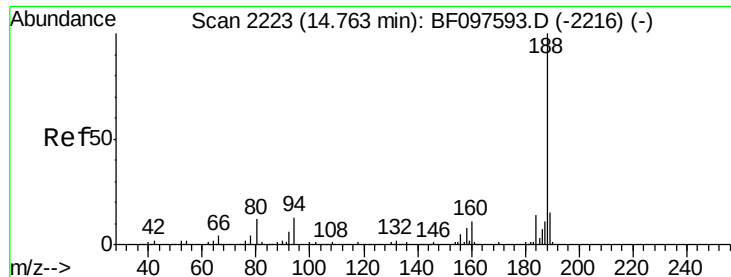
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



#49
Dimethylphthalate
Concen: 6.27 ng
RT: 12.01 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097625.D
Acq: 12 Aug 2017 7:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6

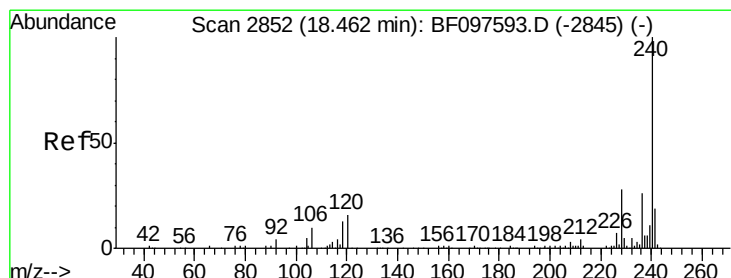
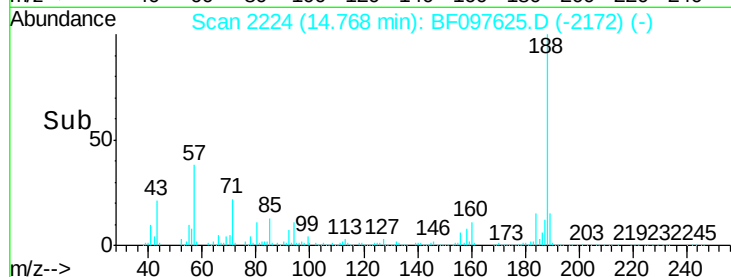
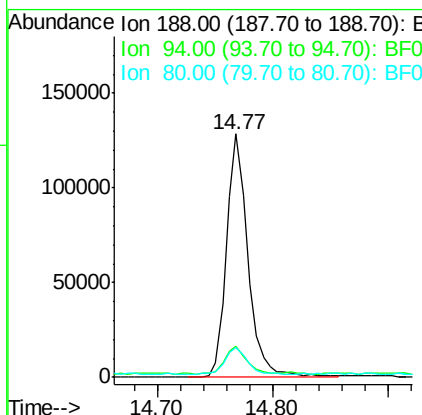
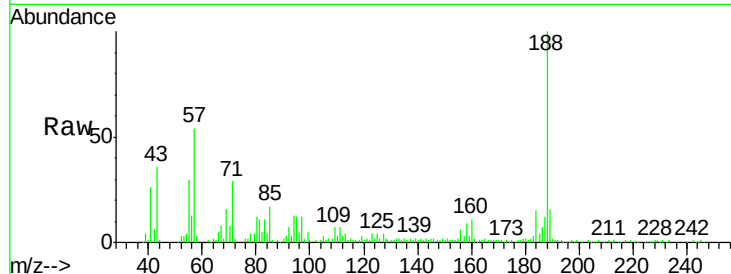




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097625.D
Acq: 12 Aug 2017 7:41

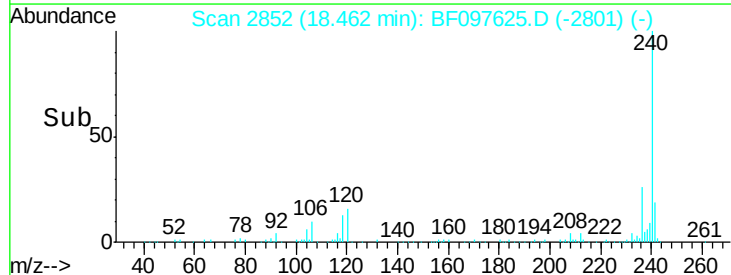
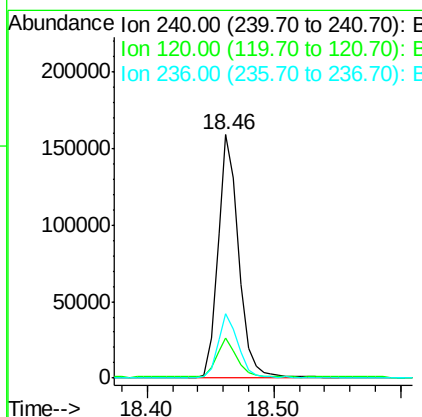
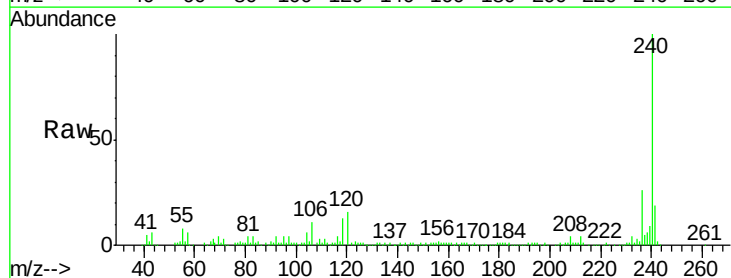
Instrument :
BNA_F
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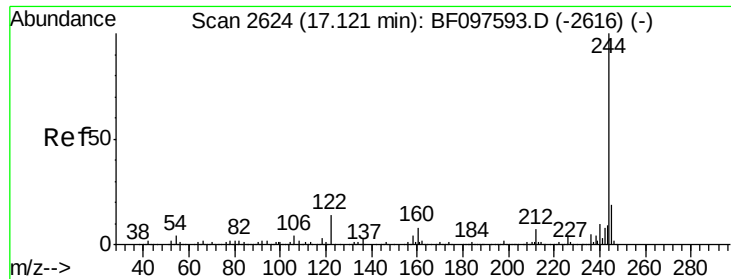
Tot Ion:188 Resp: 165444
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF097625.D
Acq: 12 Aug 2017 7:41

Tgt Ion:240 Resp: 181959
Ion Ratio Lower Upper
240 100
120 16.2 5.8 8.8#
236 26.2 20.5 30.7

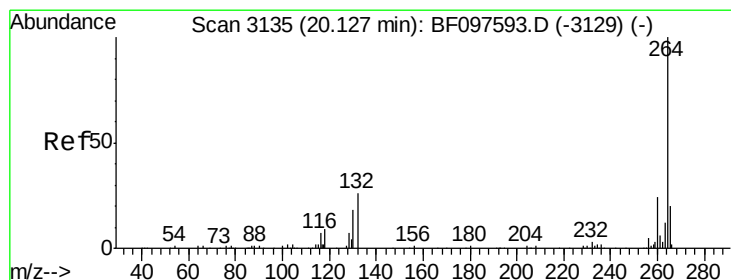
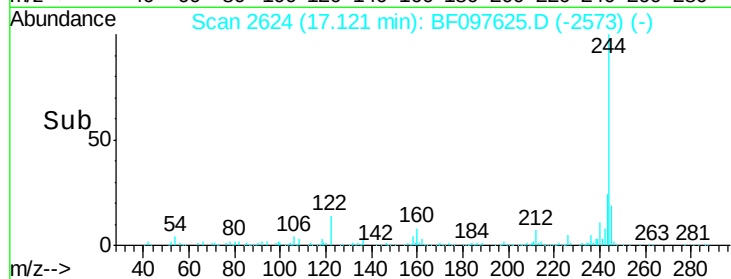
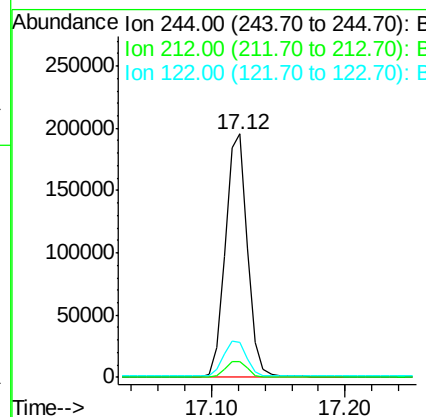
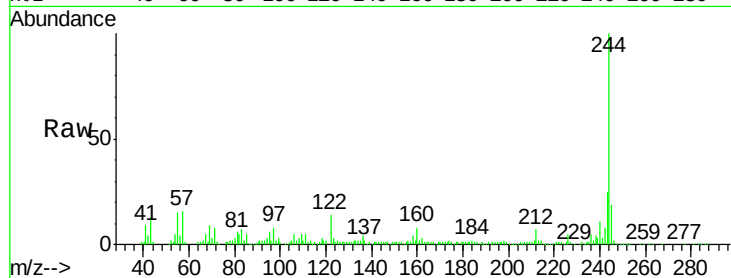




#78
 Terphenyl-d14
 Concen: 26.05 ng
 RT: 17.12 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF097625.D
 Acq: 12 Aug 2017 7:41

Instrument :
 BNA_F
 ClientSampleId :
 STAINED-BRICK

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.5	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BF097625.D
 Acq: 12 Aug 2017 7:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.7	17.2	25.8

