

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094985.D
 Acq On : 8 May 2017 17:55
 Operator : SJ/MA
 Sample : PB98770BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 19:01:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

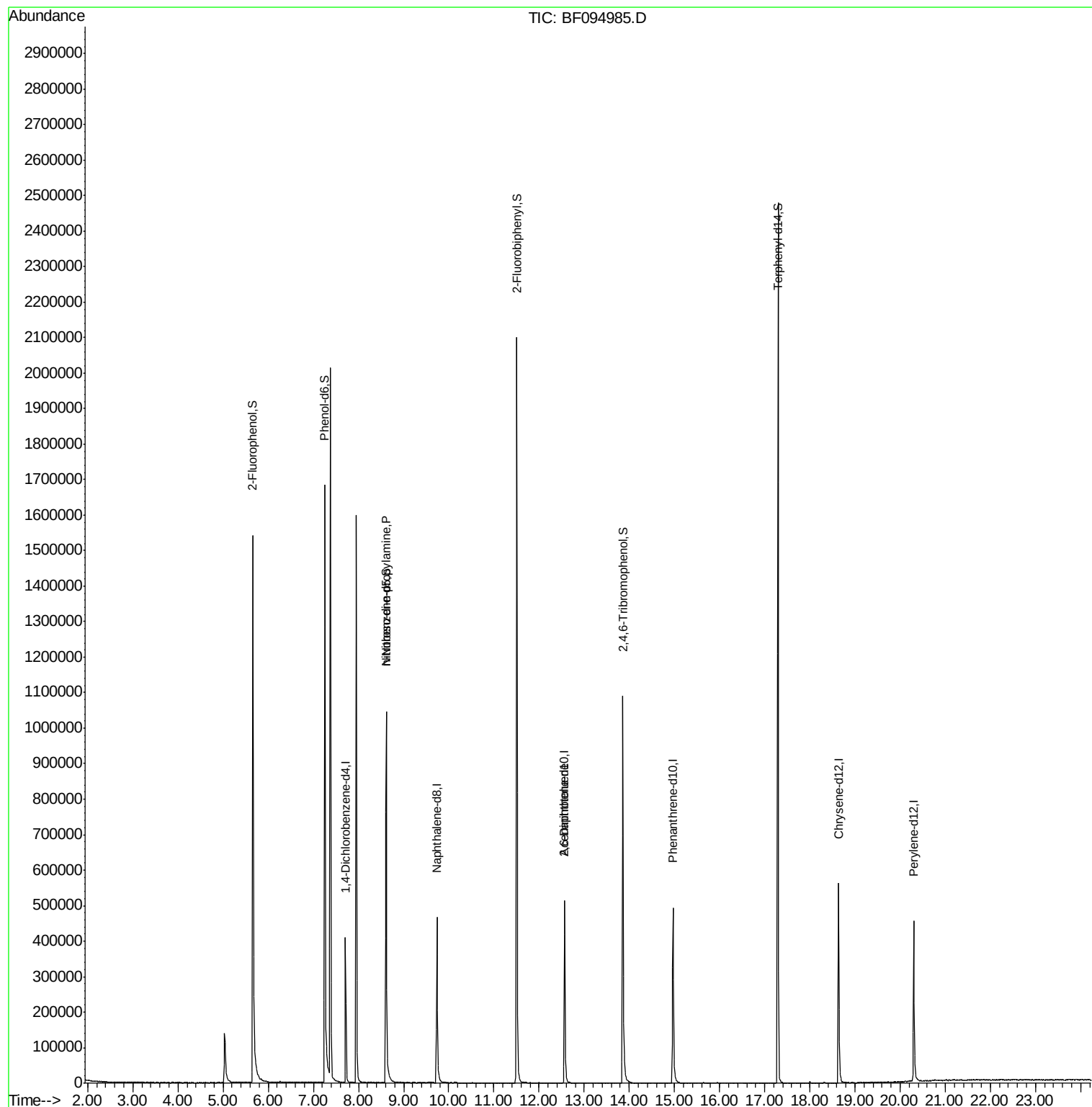
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	92123	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	372892	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	173620	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	326979	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	294324	20.00	ng	-0.02
86) Perylene-d12	20.30	264	243580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	751567	136.02	ng	-0.02
7) Phenol-d6	7.25	99	960731	144.91	ng	-0.02
23) Nitrobenzene-d5	8.61	82	510275	86.29	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	205169	144.29	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	982693	81.47	ng	-0.02
78) Terphenyl-d14	17.29	244	993680	74.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	64558	14.40	ng	# 77
50) 2,6-Dinitrotoluene	12.57	165	17400	5.98	ng	# 33

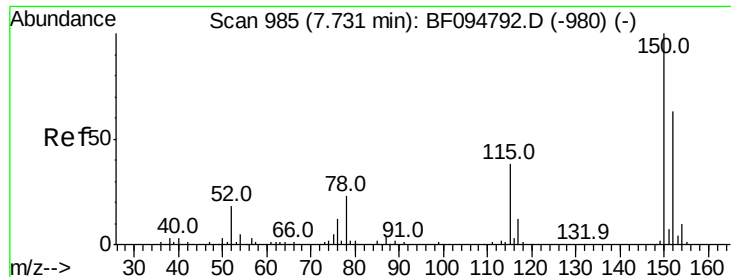
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094985.D
Acq On : 8 May 2017 17:55
Operator : SJ/MA
Sample : PB98770BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 08 19:01:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



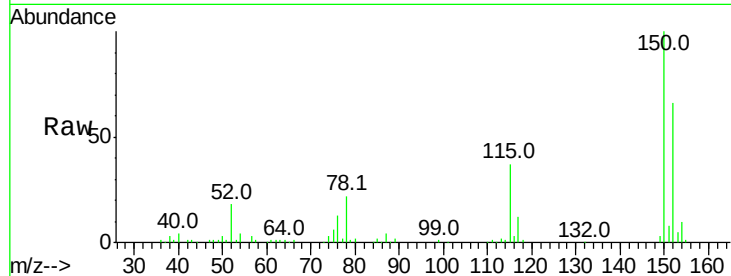


#1

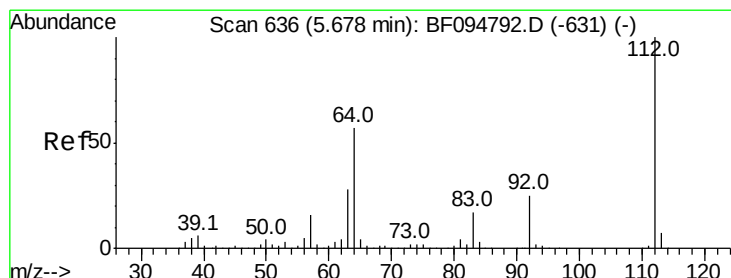
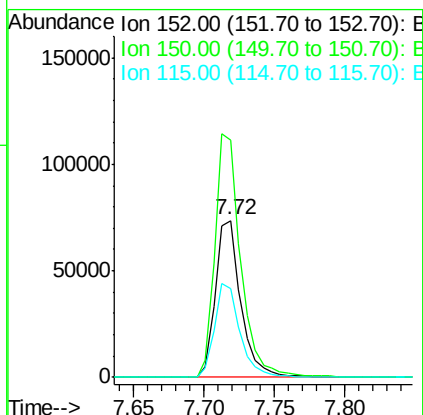
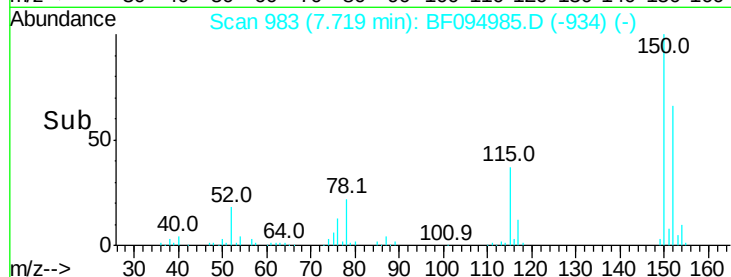
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094985.D
Acq: 8 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92123
Ion Ratio Lower Upper
152 100
150 151.0 126.2 189.2
115 56.4 52.2 78.2



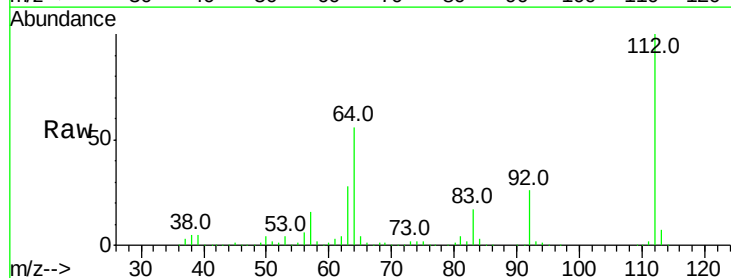
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



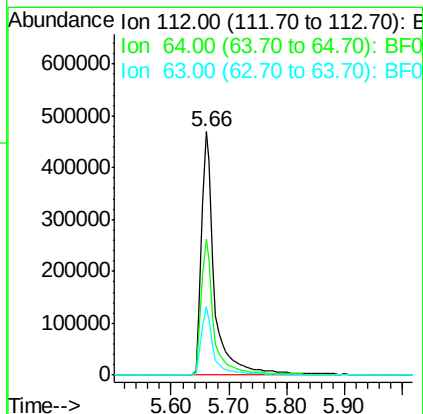
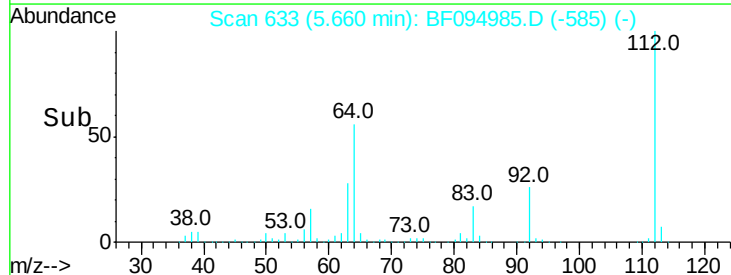
#5

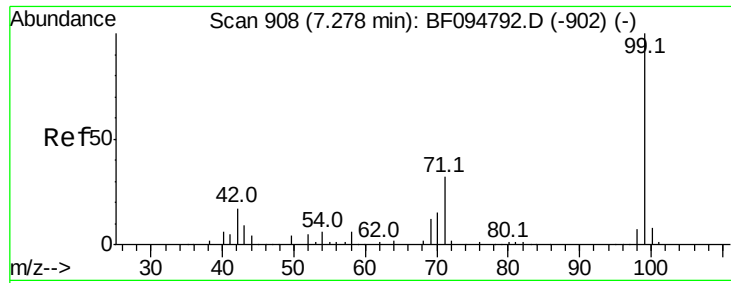
2-Fluorophenol
Concen: 136.02 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094985.D
Acq: 8 May 2017 17:55

Tgt Ion:112 Resp: 751567
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 28.1 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: 144.91 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

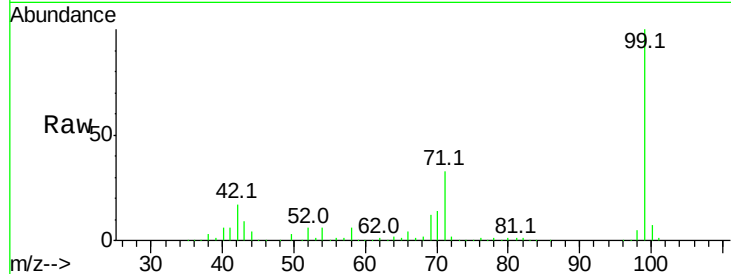
Tot Ion: 99 Resp: 960731

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

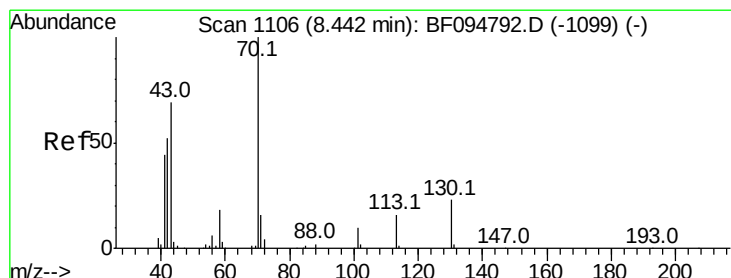
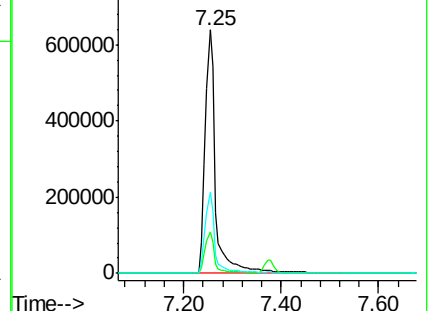
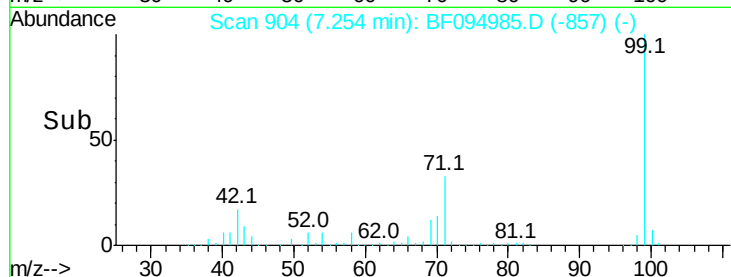
71 33.4 24.5 36.7



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: 14.40 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

Tgt Ion: 70 Resp: 64558

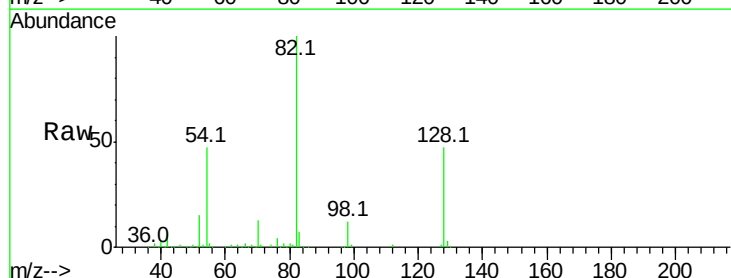
Ion Ratio Lower Upper

70 100

42 45.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

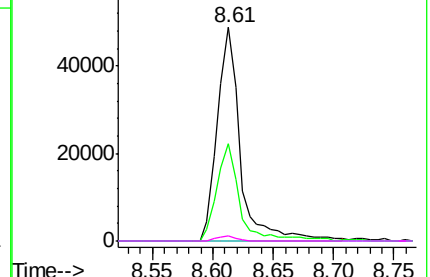
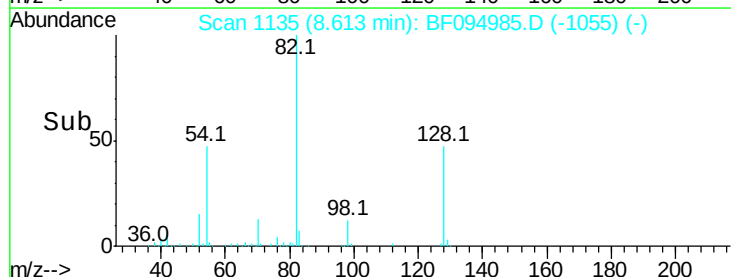


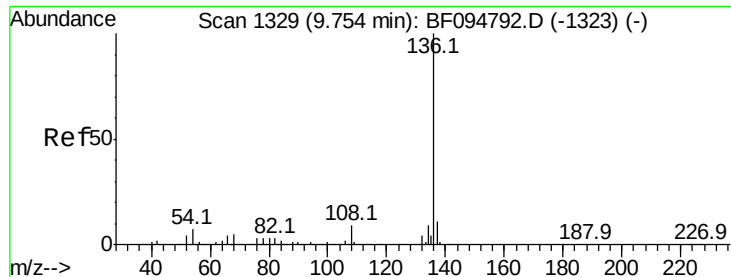
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

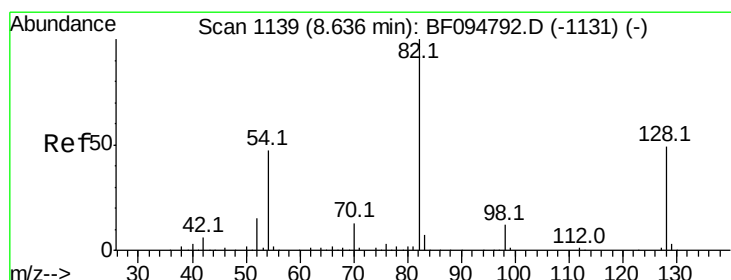
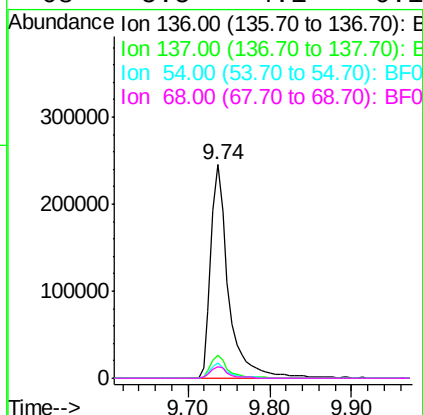
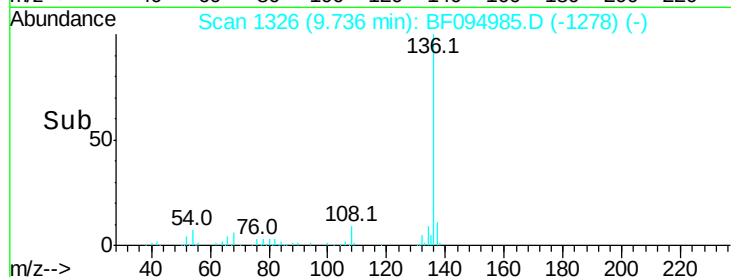
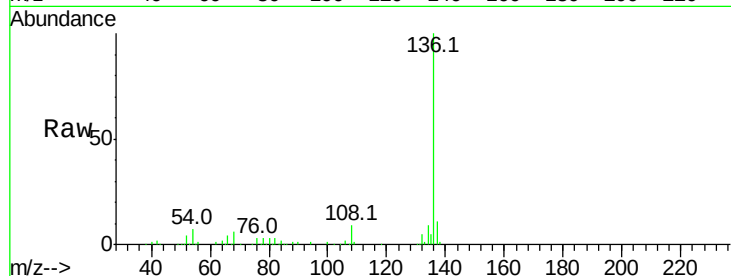




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094985.D
Acq: 8 May 2017 17:55

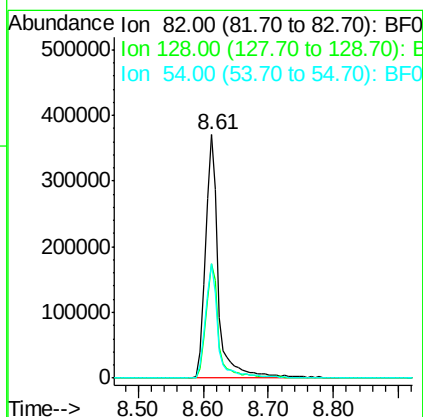
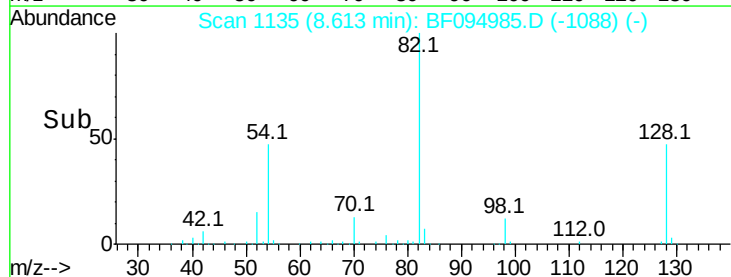
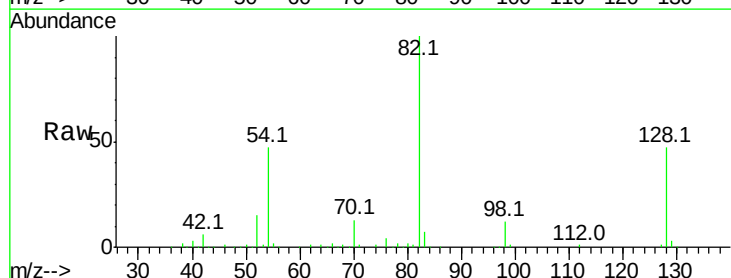
Instrument :
BNA_F
ClientSampleId :

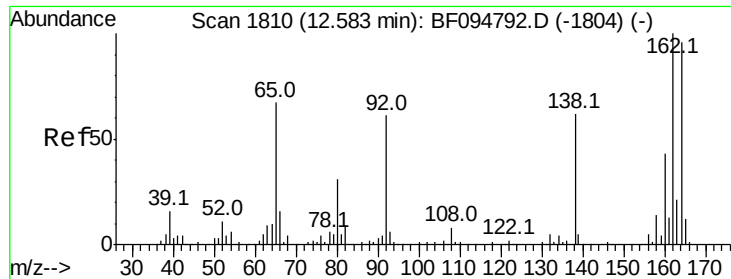
Tot Ion:136	Resp:	372892
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.0	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.29 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094985.D
Acq: 8 May 2017 17:55

Tgt Ion: 82	Resp:	510275
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.0 51.0
54	46.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

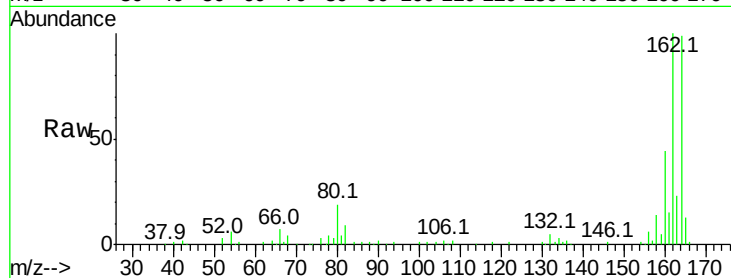
Tot Ion:164 Resp: 173620

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

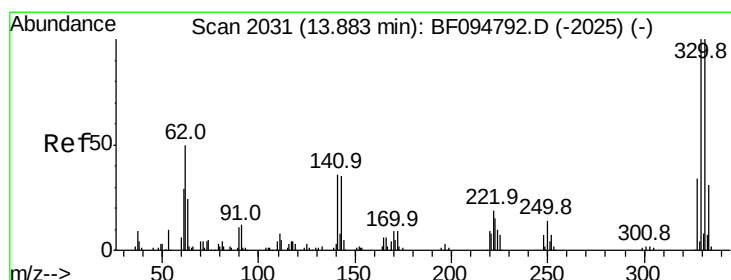
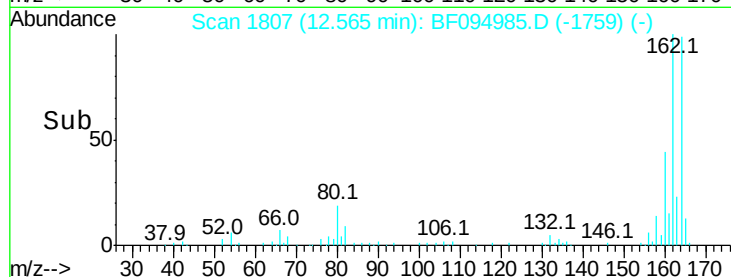
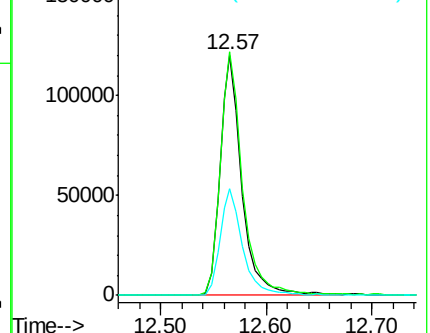
160 44.2 36.2 54.2



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: 144.29 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

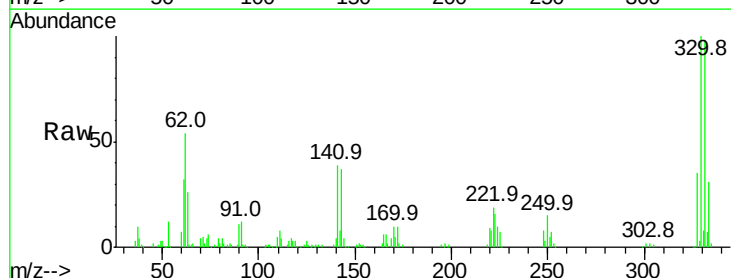
Tgt Ion:330 Resp: 205169

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

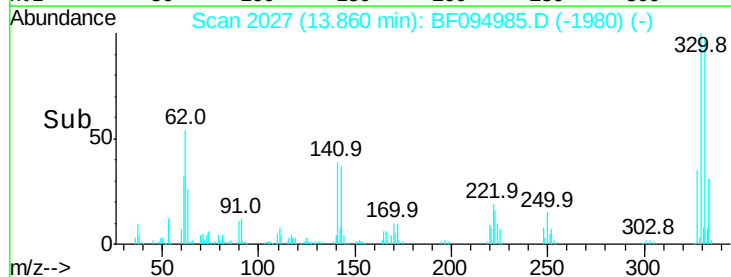
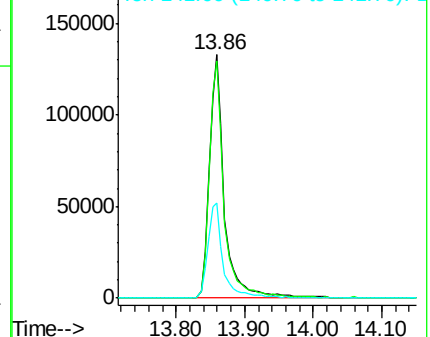
141 39.9 31.4 47.2

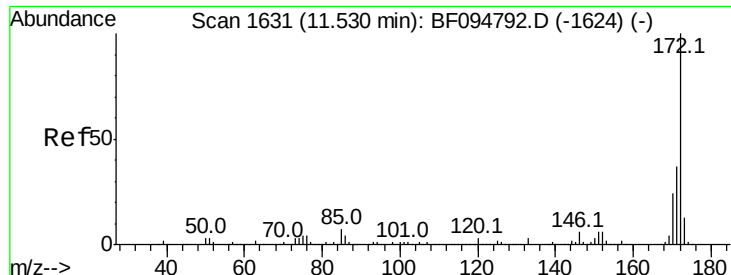


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

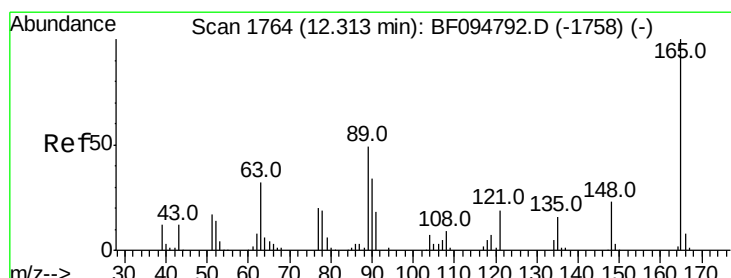
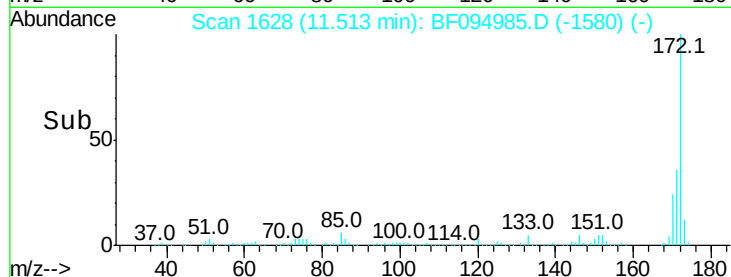
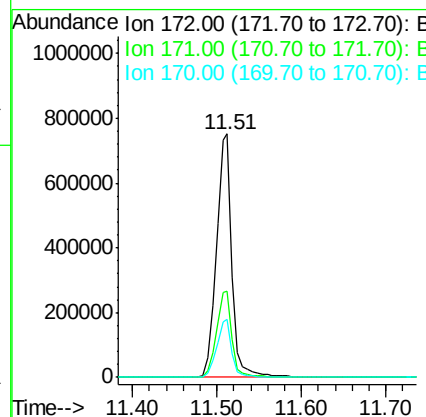
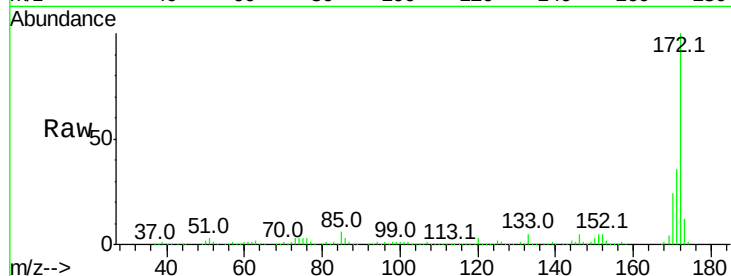




#44
 2-Fluorobiphenyl
 Concen: 81.47 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

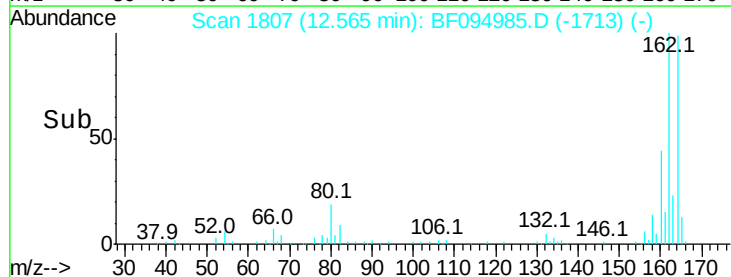
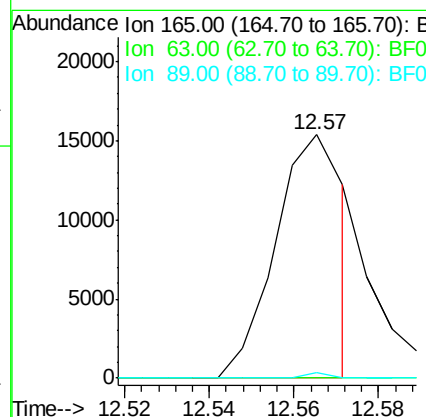
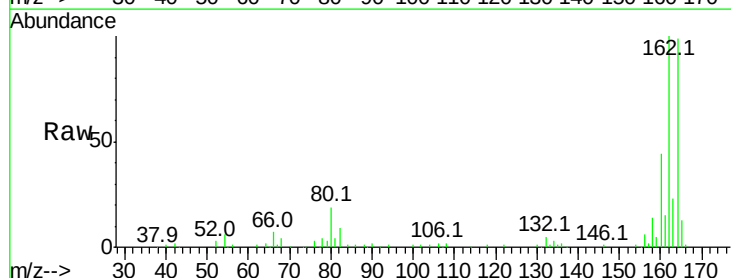
Instrument :
 BNA_F
 ClientSampleId :

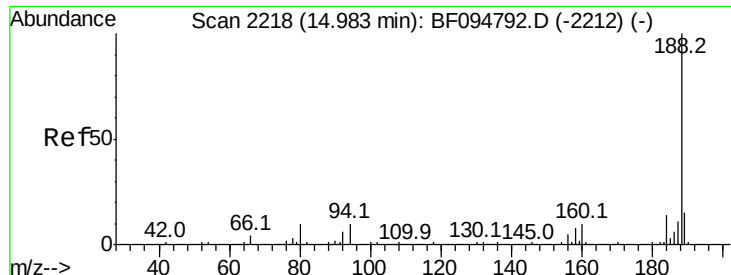
Tot Ion:172 Resp: 982693
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.98 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Tgt Ion:165 Resp: 17400
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 2.4 37.1 55.7#

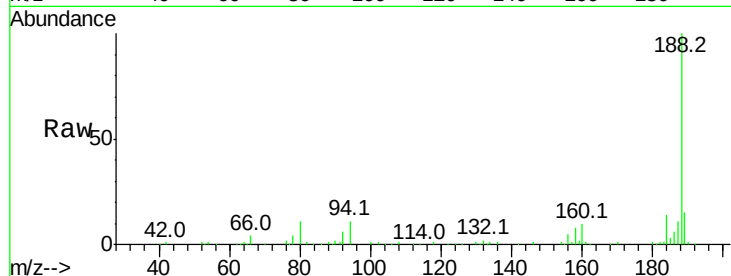




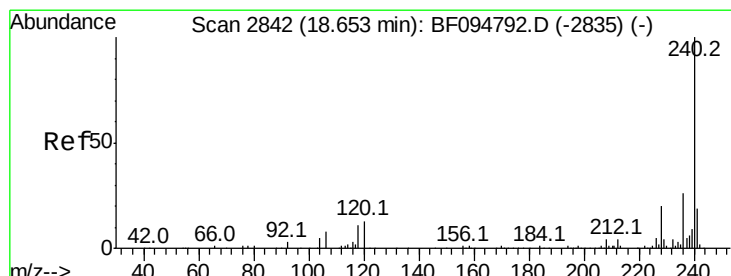
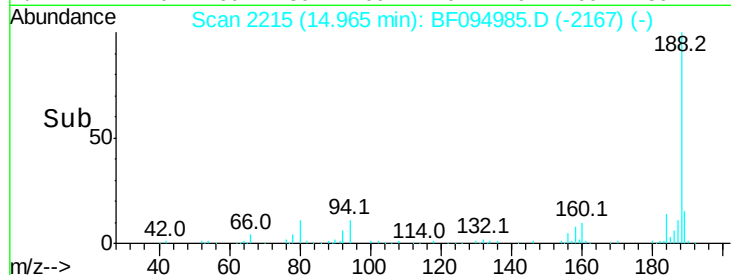
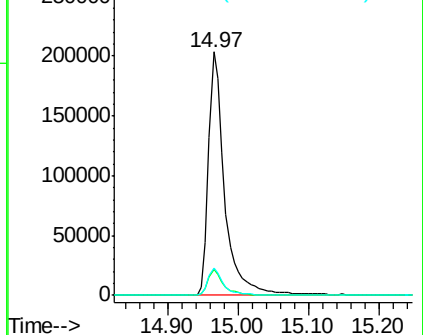
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 326979
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.0 10.2 15.2

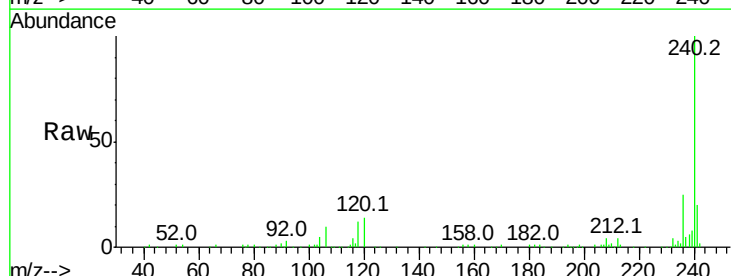


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

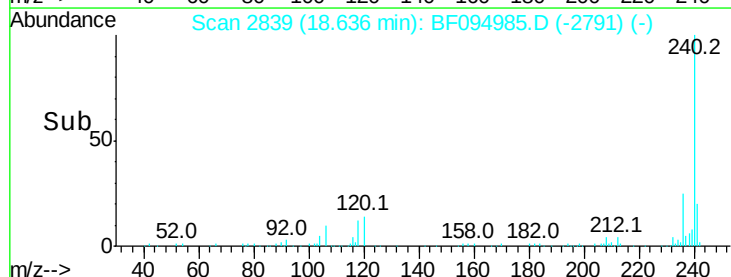
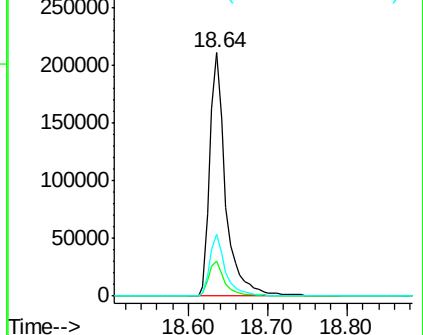


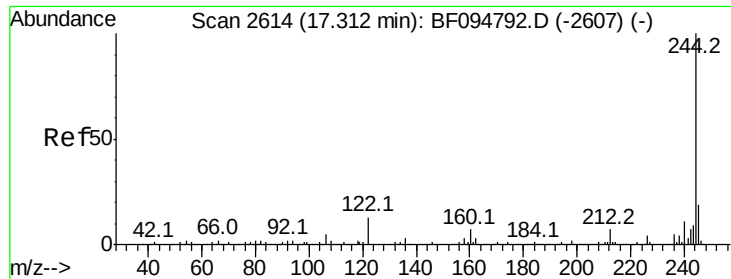
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Tgt Ion:240 Resp: 294324
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.4 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

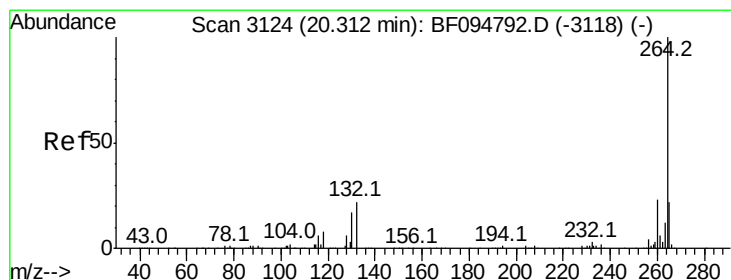
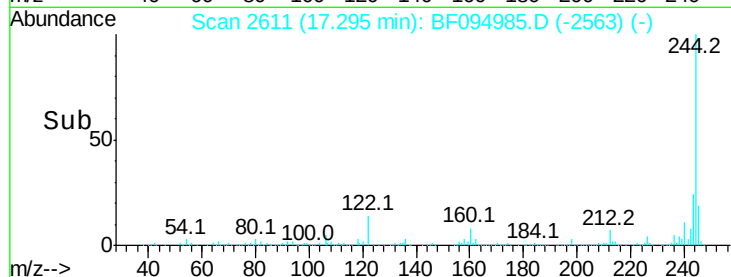
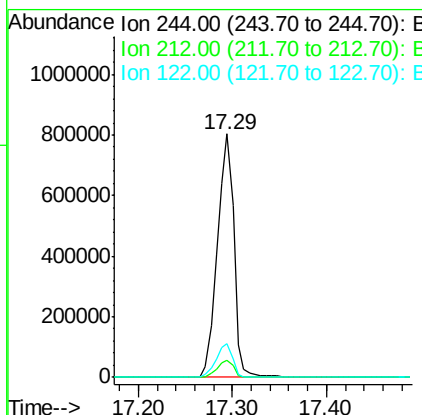
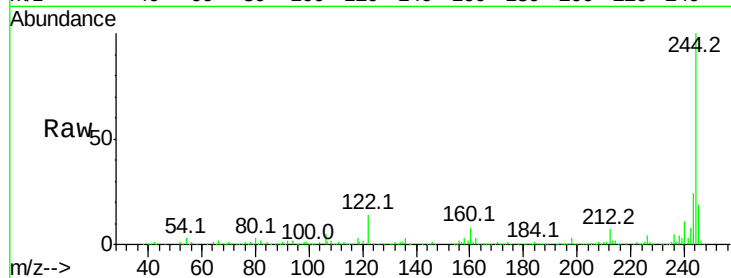




#78
 Terphenyl-d14
 Concen: 74.36 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 993680
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Tgt Ion:264 Resp: 243580
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.7 17.2 25.8

