

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095337.D
 Acq On : 23 May 2017 5:37
 Operator : SJ/MA
 Sample : I3249-26
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 07:40:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

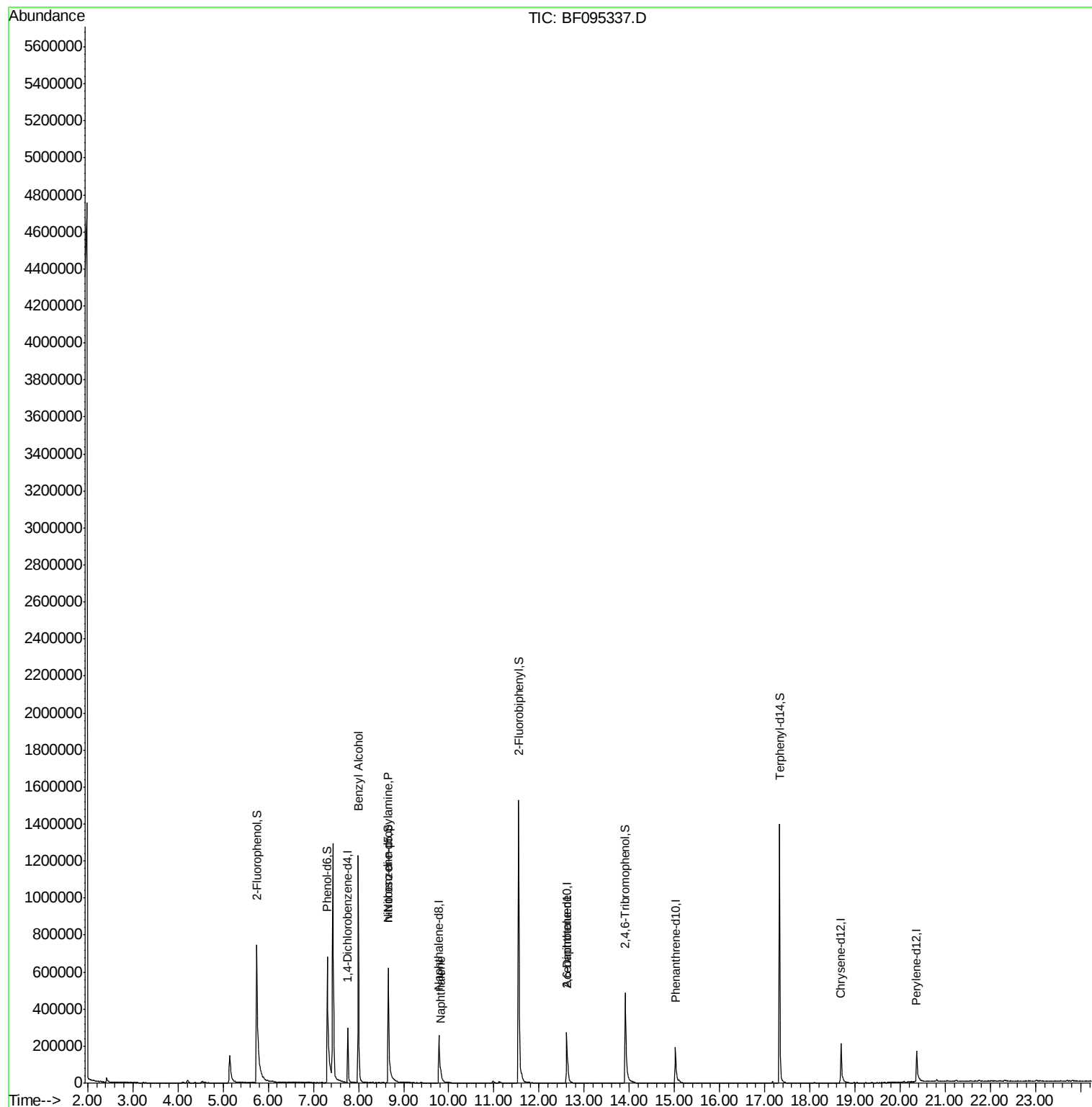
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	70466	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	284508	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	128073	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	160160	20.00	ng	0.00
75) Chrysene-d12	18.69	240	154165	20.00	ng	0.00
86) Perylene-d12	20.37	264	116908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	631768	149.48	ng	0.00
7) Phenol-d6	7.31	99	657190	129.59	ng	0.00
23) Nitrobenzene-d5	8.66	82	436117	96.66	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	133159	126.95	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	918223	103.19	ng	-0.01
78) Terphenyl-d14	17.33	244	591985	84.58	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.00	79	6829	2.09	ng	# 44
19) n-Nitroso-di-n-propylamine	8.66	70	50561	14.74	ng	# 72
31) Naphthalene	9.82	128	32610	2.28	ng	100
50) 2,6-Dinitrotoluene	12.61	165	12374	5.77	ng	# 31

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095337.D
Acq On : 23 May 2017 5:37
Operator : SJ/MA
Sample : I3249-26
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 23 07:40:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



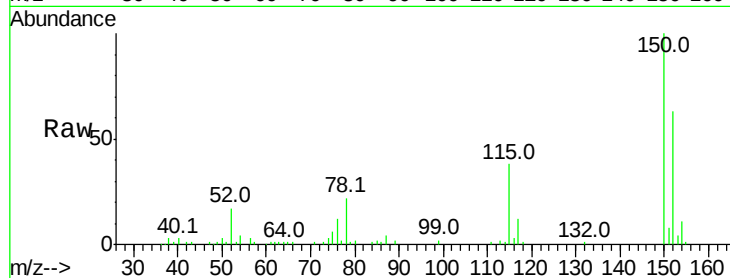


#1

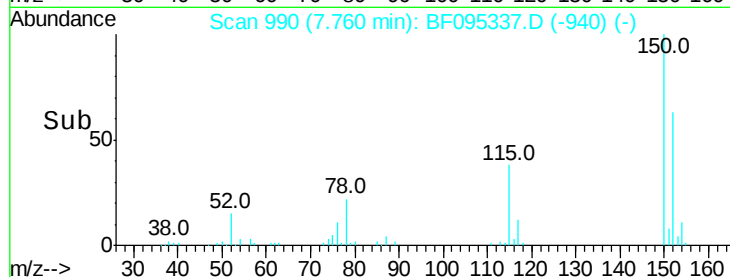
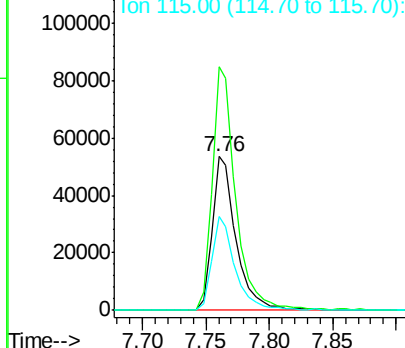
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095337.D
Acq: 23 May 2017 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70466
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 60.8 52.2 78.2



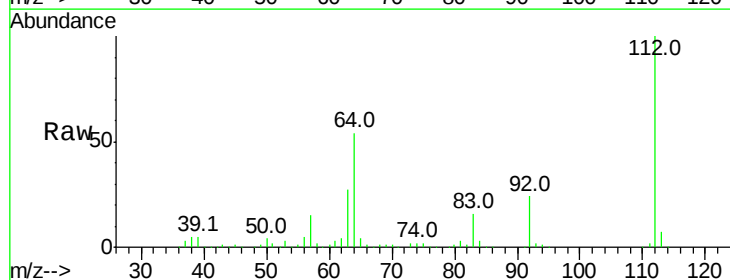
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



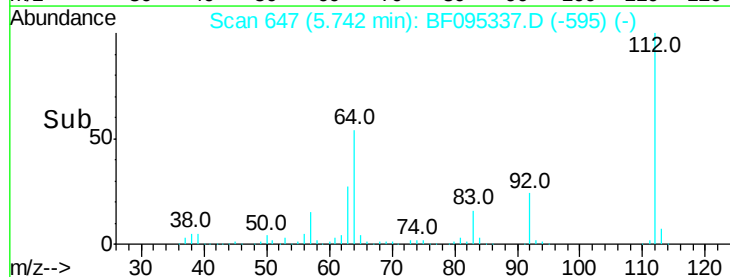
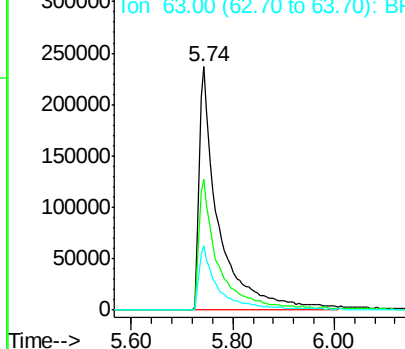
#5

2-Fluorophenol
Concen: 149.48 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095337.D
Acq: 23 May 2017 5:37

Tgt Ion:112 Resp: 631768
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 26.5 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: 129.59 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampled :

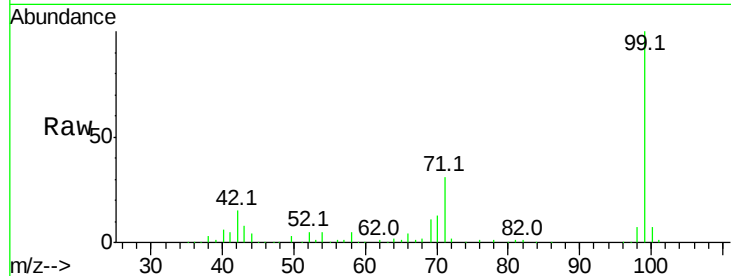
Tot Ion: 99 Resp: 657190

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

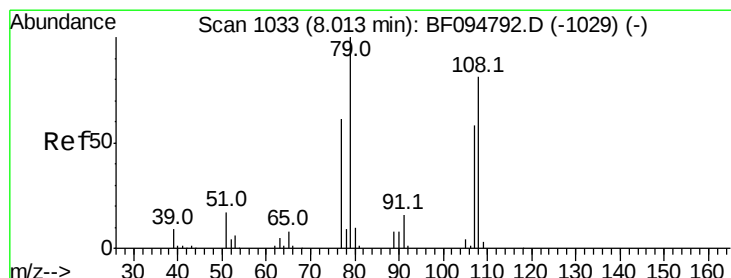
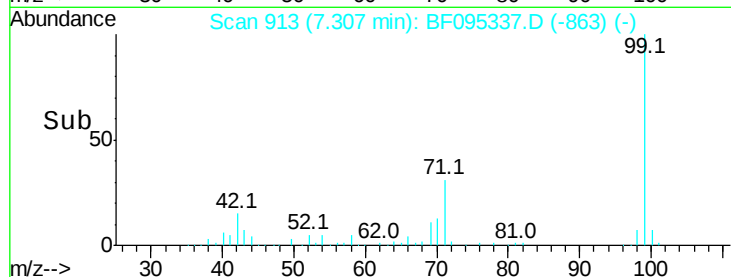
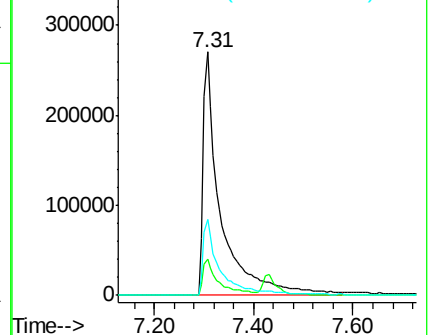
71 31.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

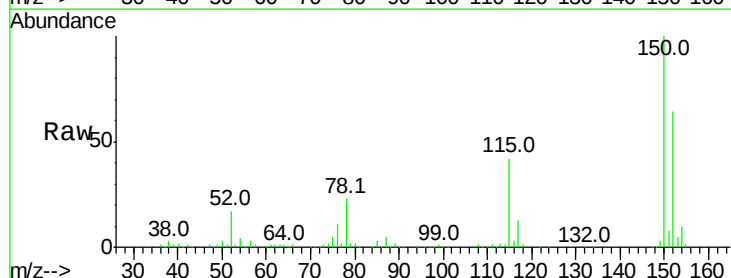
Tgt Ion: 79 Resp: 6829

Ion Ratio Lower Upper

79 100

108 31.2 63.4 95.0#

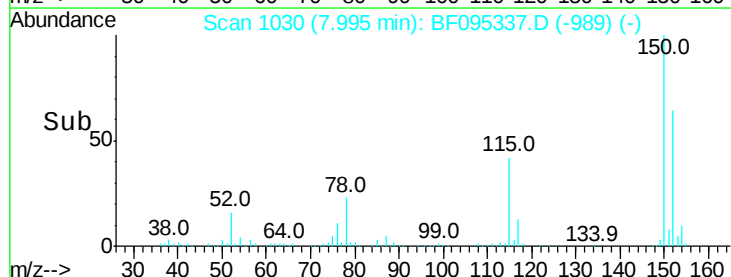
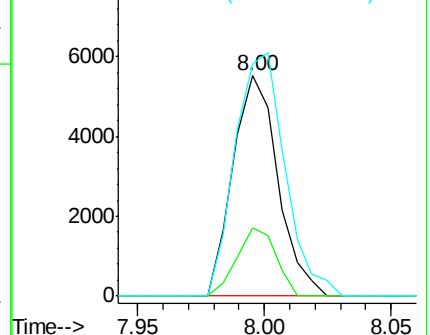
77 105.3 49.2 73.8#

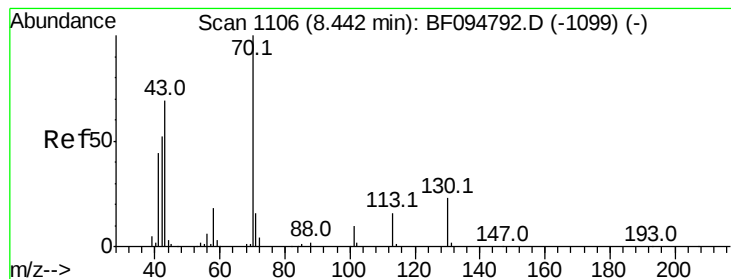


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.74 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 50561

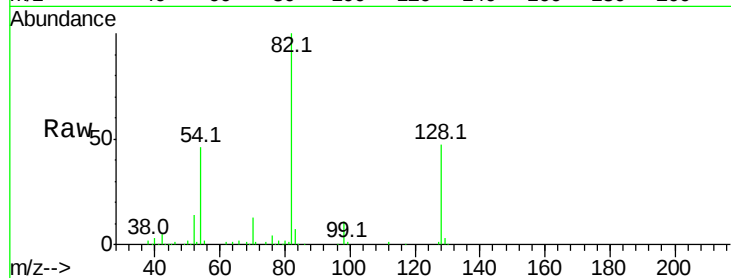
Ion Ratio Lower Upper

70 100

42 40.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.5 15.9 23.9#

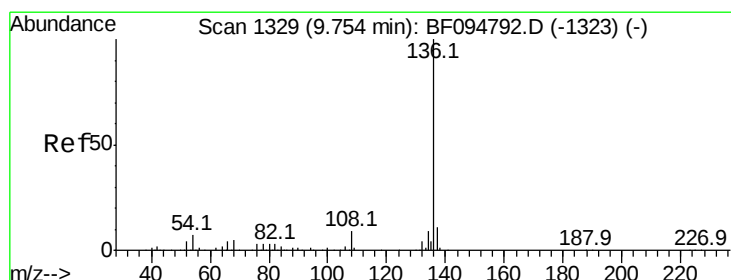
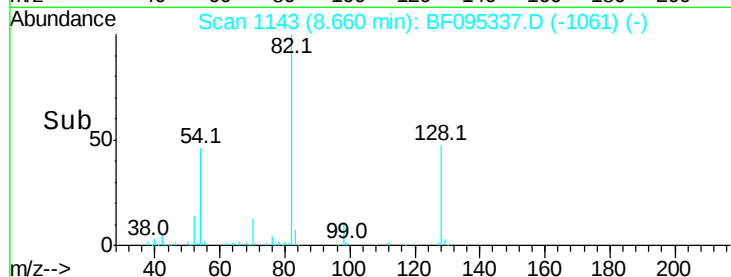
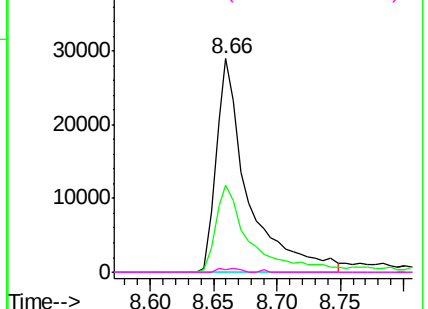


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Tgt Ion:136 Resp: 284508

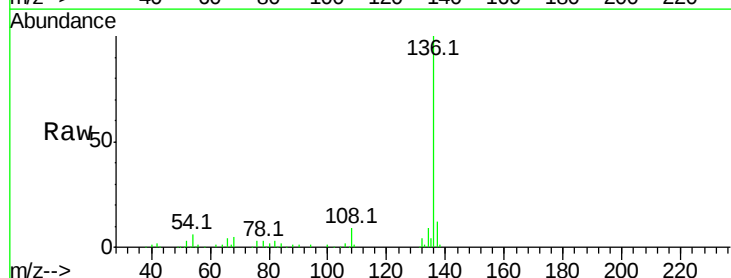
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.2 4.9 7.3

68 4.7 4.1 6.1

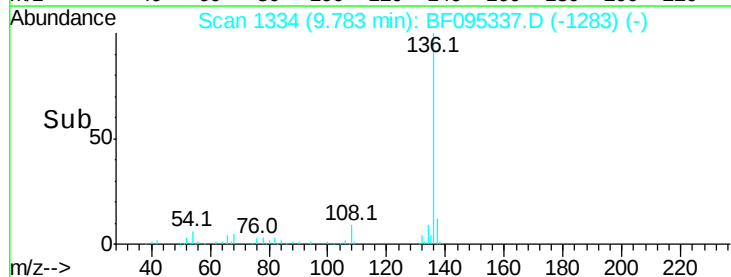
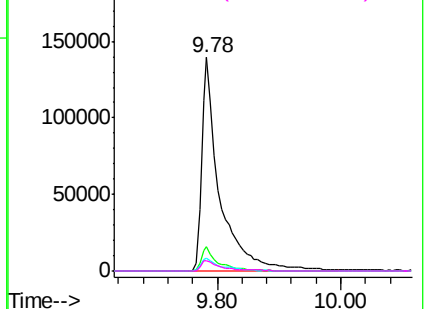


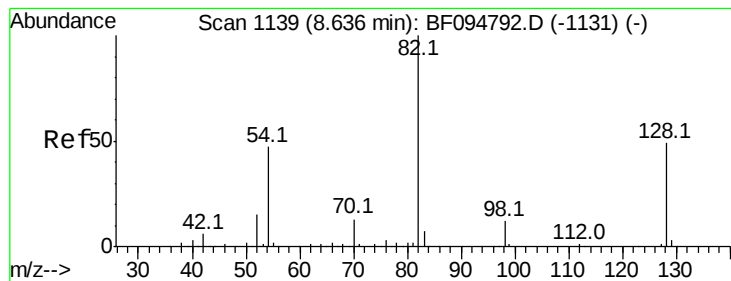
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.66 ng

RT: 8.66 min Scan# 1143

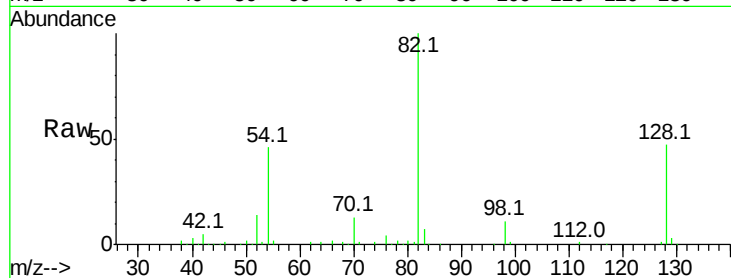
Delta R.T. -0.01 min

Lab File: BF095337.D

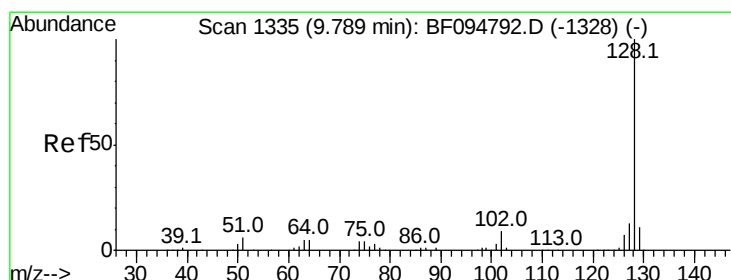
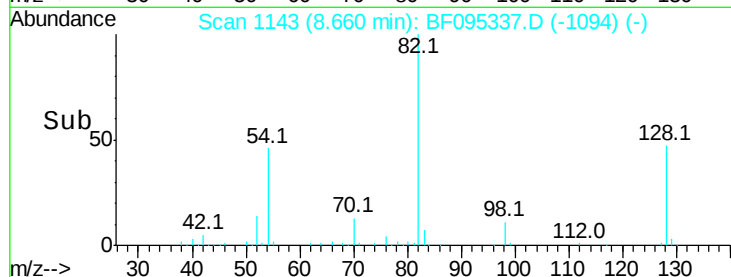
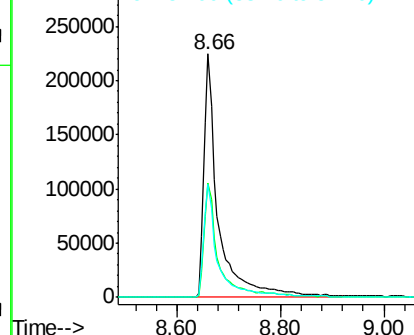
Acq: 23 May 2017 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	436117
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.2	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



#31

Naphthalene

Concen: 2.28 ng

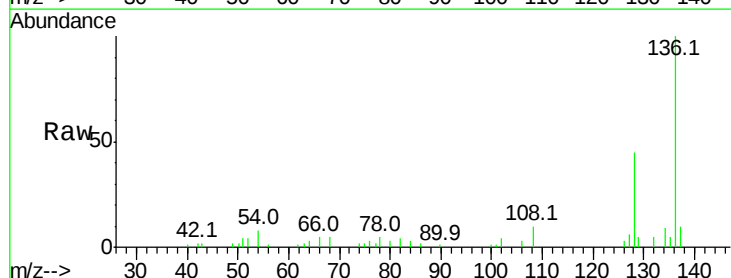
RT: 9.82 min Scan# 1340

Delta R.T. 0.00 min

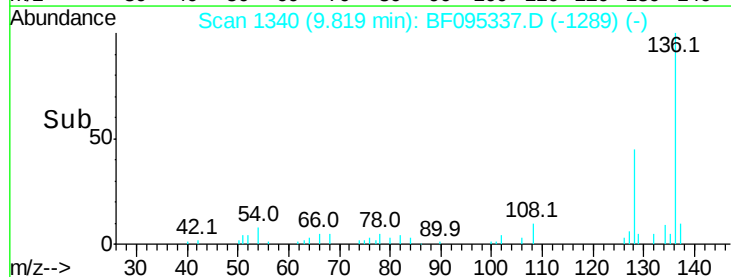
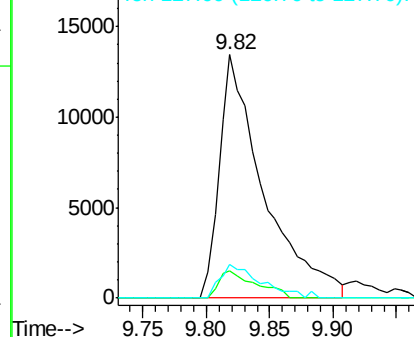
Lab File: BF095337.D

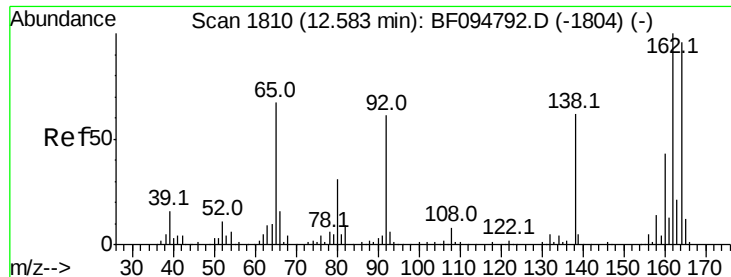
Acq: 23 May 2017 5:37

Tgt Ion:	128	Resp:	32610
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampleId :

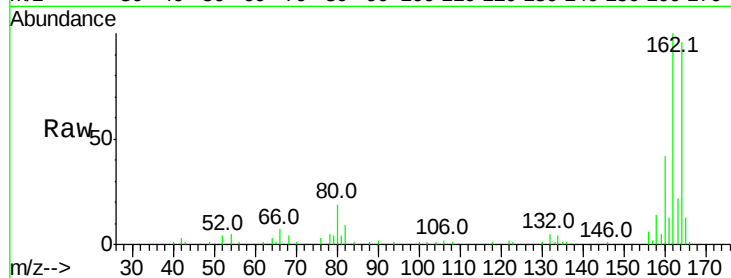
Tot Ion:164 Resp: 128073

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

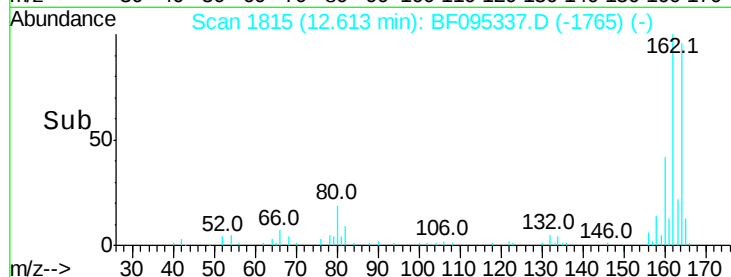
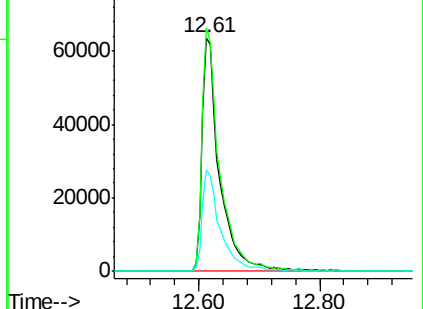
160 43.3 36.2 54.2



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: 126.95 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

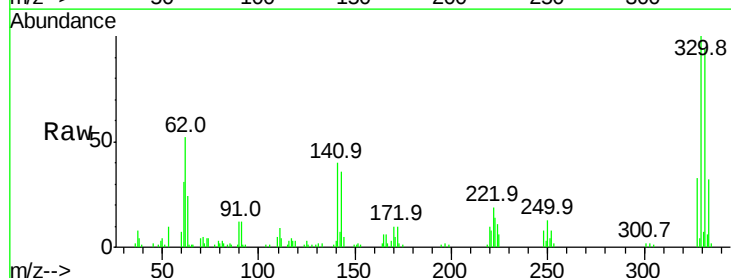
Tgt Ion:330 Resp: 133159

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

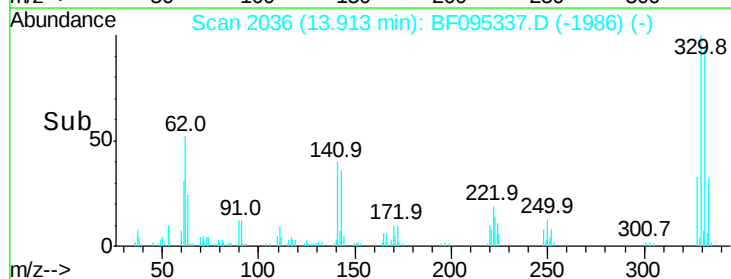
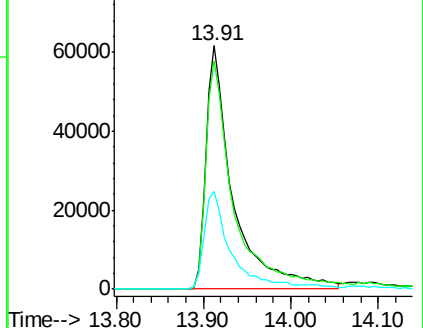
141 40.9 31.4 47.2



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

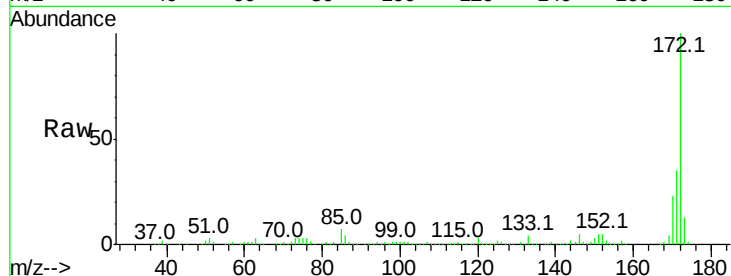




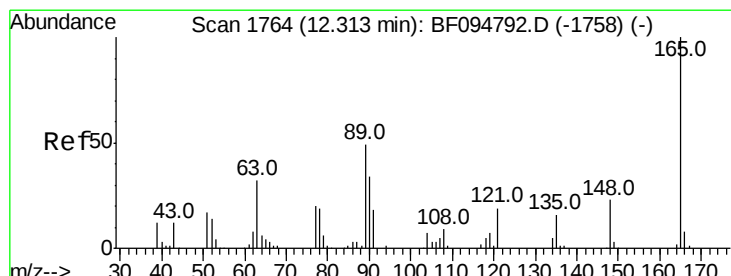
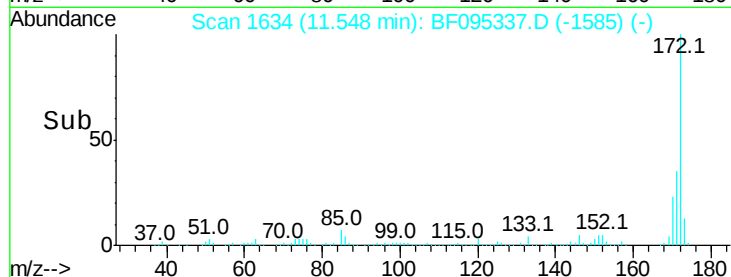
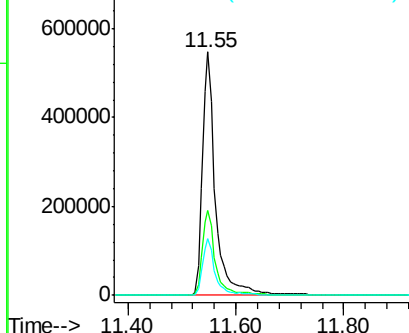
#44
 2-Fluorobiphenyl
 Concen: 103.19 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.3	19.8	29.8

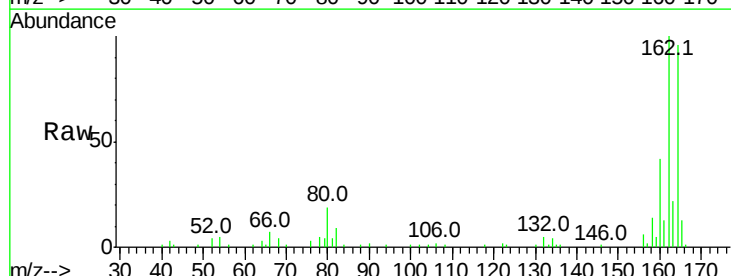


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

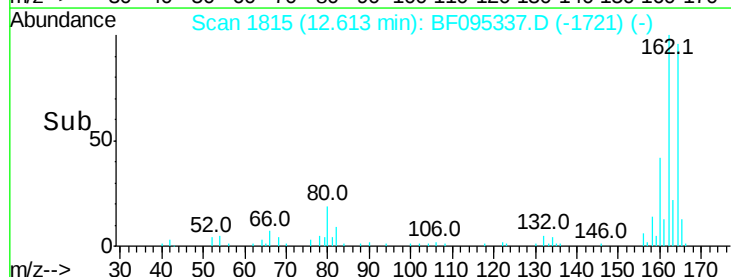
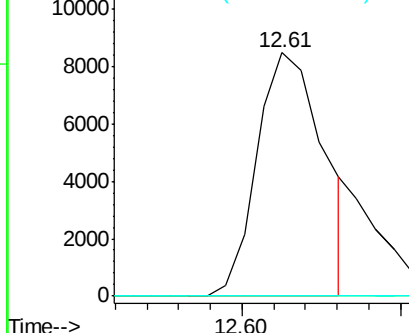


#50
 2,6-Dinitrotoluene
 Concen: 5.77 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

Instrument :

BNA_F

ClientSampleId :

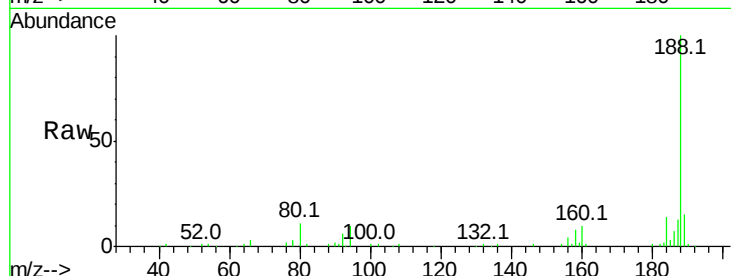
Tot Ion:188 Resp: 160160

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

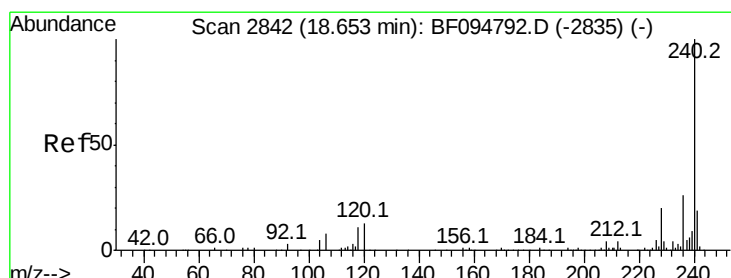
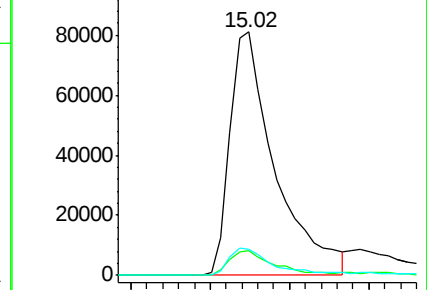
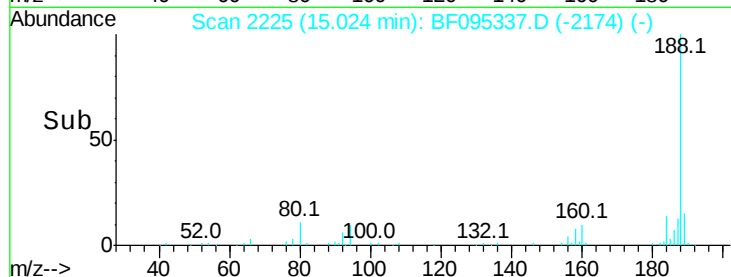
80 10.9 10.2 15.2



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095337.D

Acq: 23 May 2017 5:37

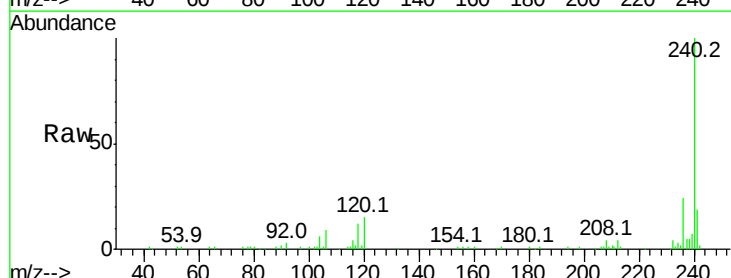
Tgt Ion:240 Resp: 154165

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

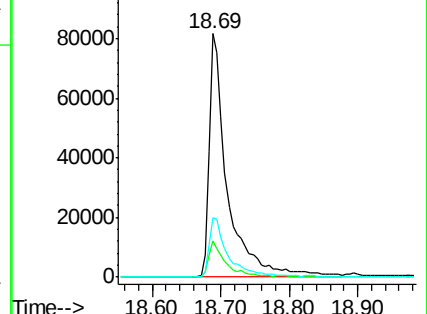
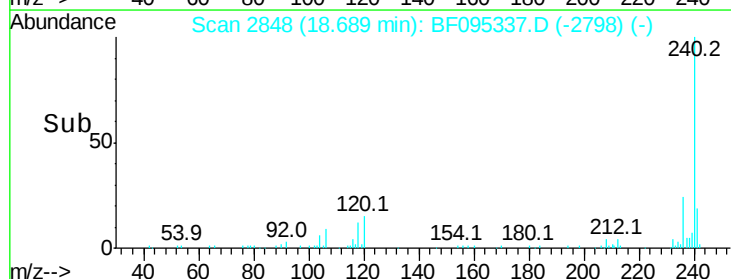
236 24.4 20.5 30.7

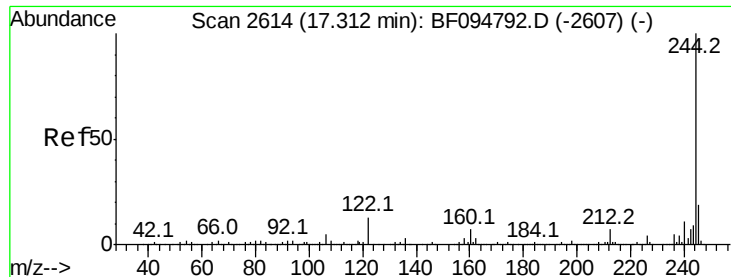


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

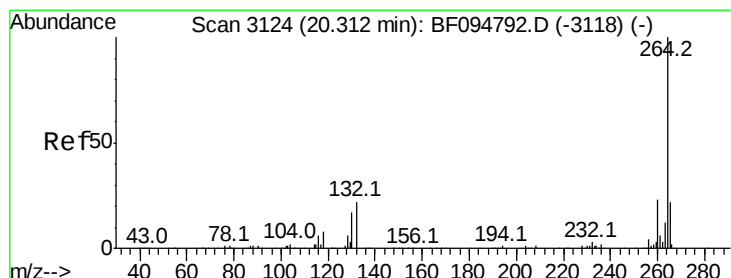
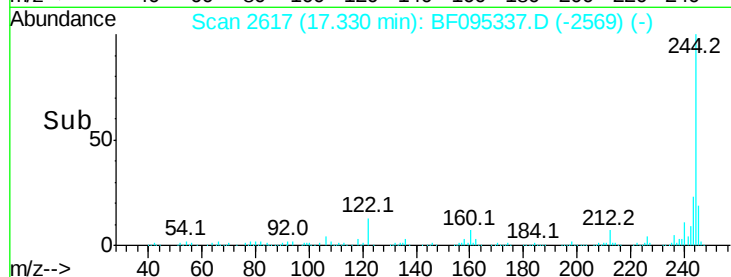
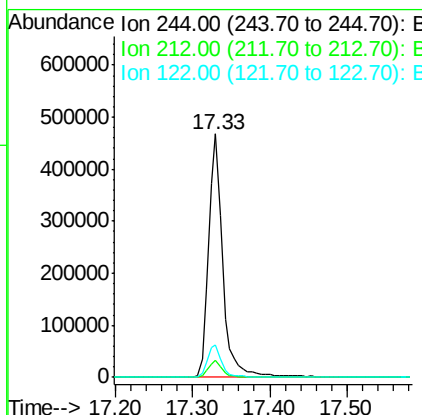
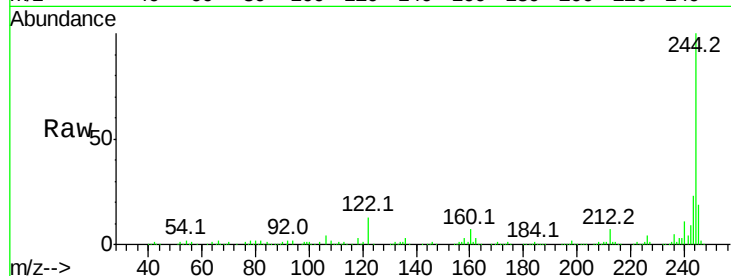




#78
 Terphenyl-d14
 Concen: 84.58 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 591985
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095337.D
 Acq: 23 May 2017 5:37

Tgt Ion:264 Resp: 116908
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 22.4 17.2 25.8

