

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095169.D
 Acq On : 16 May 2017 22:07
 Operator : SJ/MA
 Sample : I3160-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:58:00 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

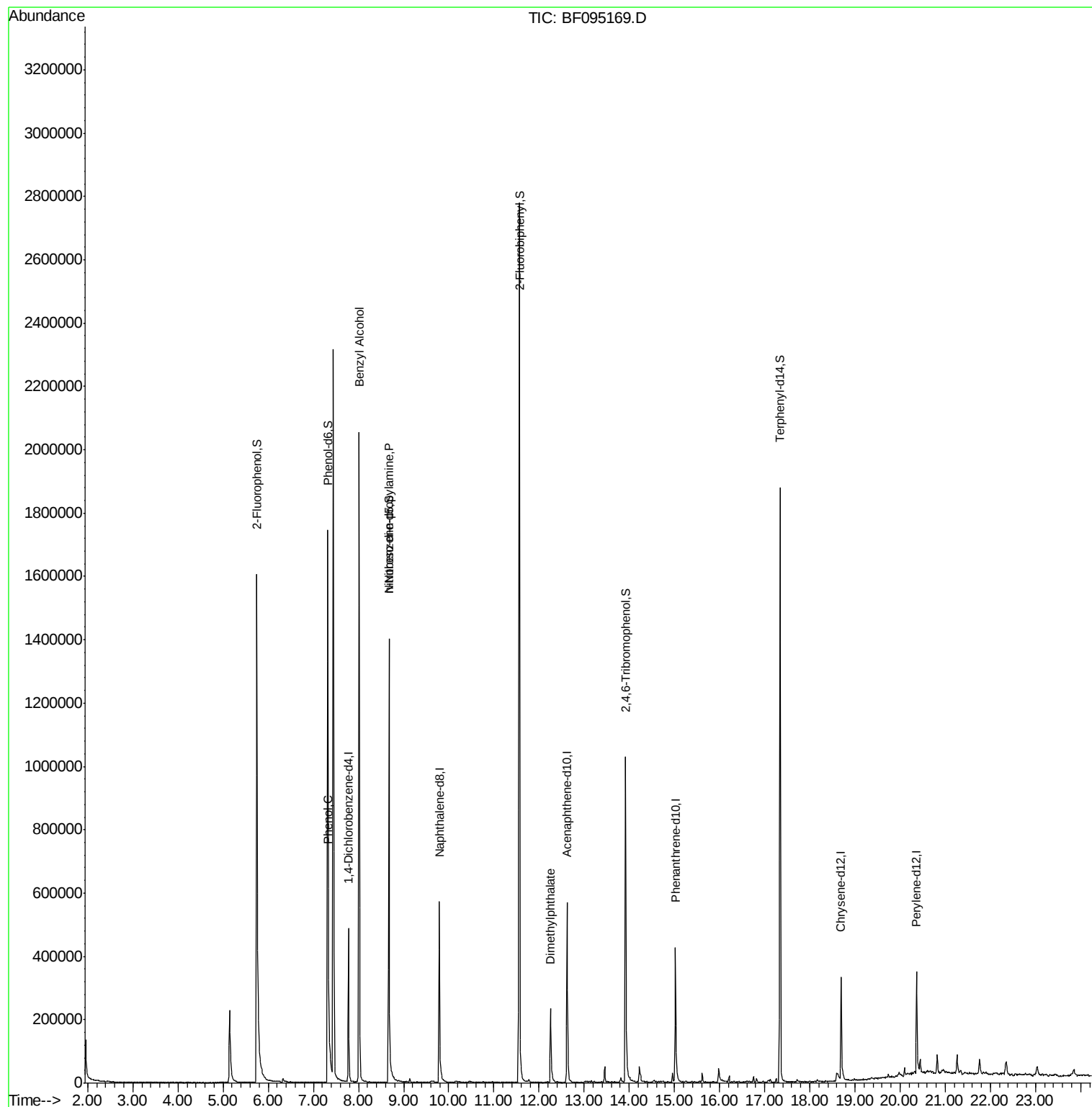
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	105856	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	424735	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	181573	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	271857	20.00	ng	0.04
75) Chrysene-d12	18.69	240	180372	20.00	ng	0.04
86) Perylene-d12	20.37	264	169176	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	937275	147.62	ng	0.07
7) Phenol-d6	7.32	99	1090397	143.13	ng	0.04
23) Nitrobenzene-d5	8.68	82	699314	103.82	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	190598	128.17	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1320028	104.64	ng	0.04
78) Terphenyl-d14	17.34	244	734350	89.67	ng	0.03
Target Compounds						
10) Phenol	7.34	94	35700	4.45	ng	94
15) Benzyl Alcohol	8.01	79	10619	2.17	ng	# 39
19) n-Nitroso-di-n-propylamine	8.68	70	87945	17.07	ng	# 76
49) Dimethylphthalate	12.25	163	187640	12.59	ng	99

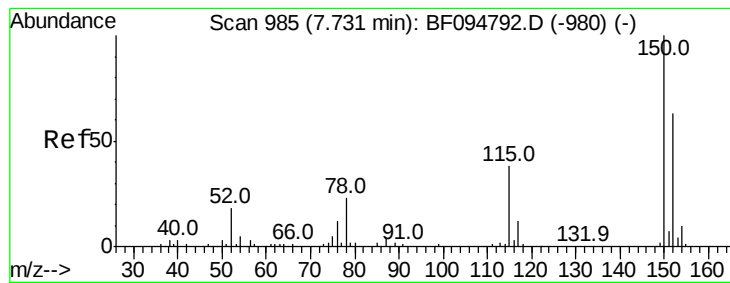
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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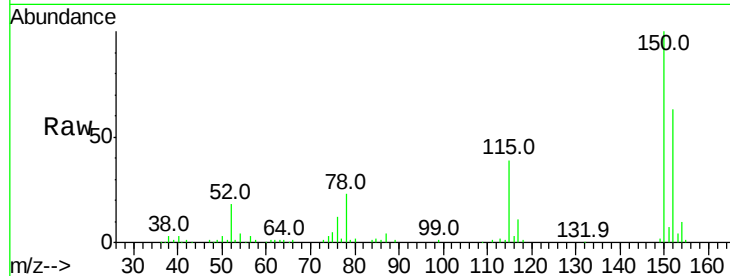


#1

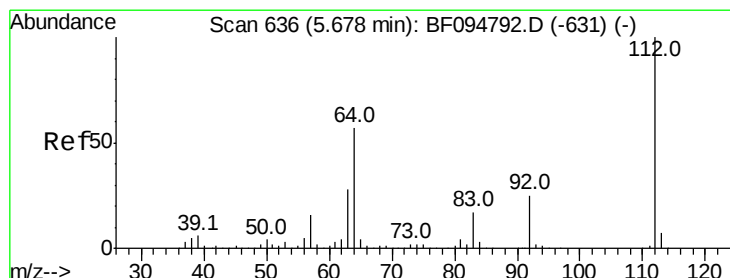
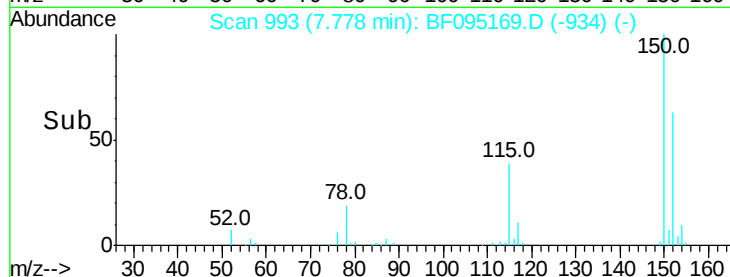
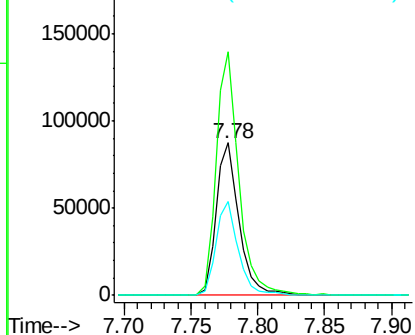
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095169.D
Acq: 16 May 2017 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105856
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 62.0 52.2 78.2



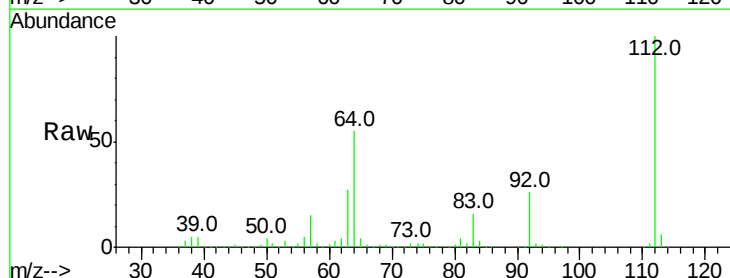
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



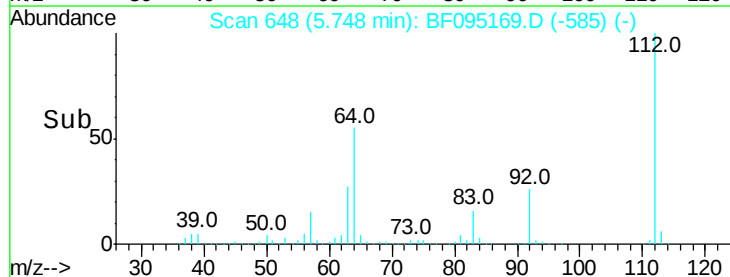
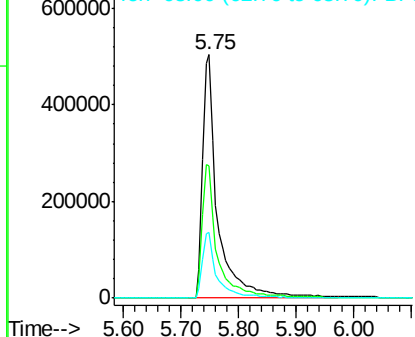
#5

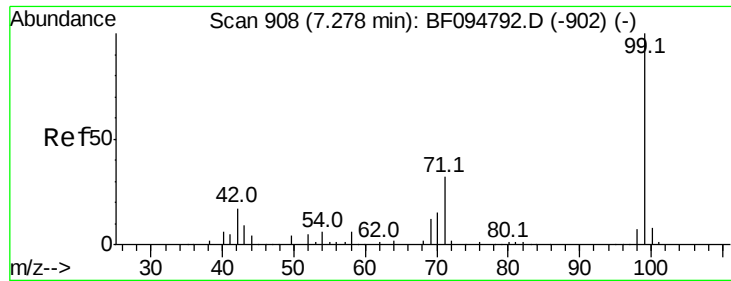
2-Fluorophenol
Concen: 147.62 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095169.D
Acq: 16 May 2017 22:07

Tgt Ion:112 Resp: 937275
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.8 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: 143.13 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

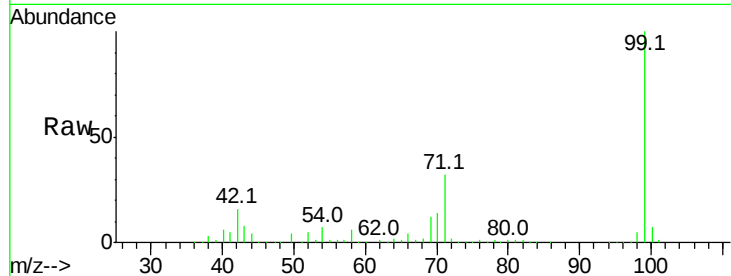
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1090397

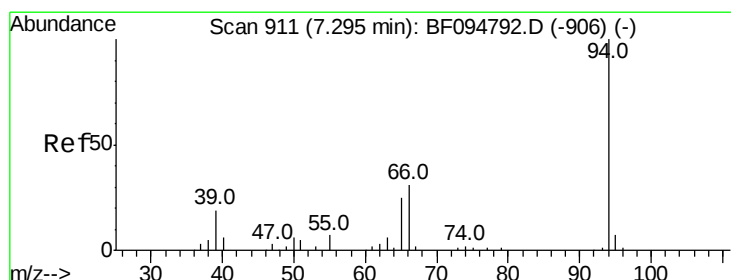
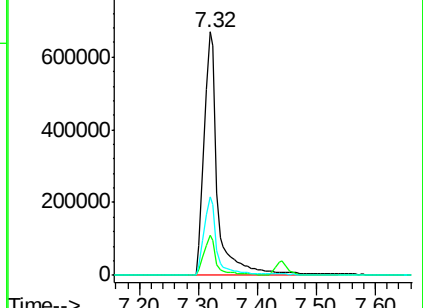
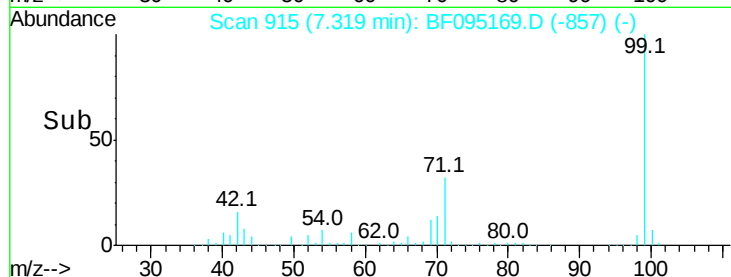
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.5	24.5	36.7



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



#10

Phenol

Concen: 4.45 ng

RT: 7.34 min Scan# 918

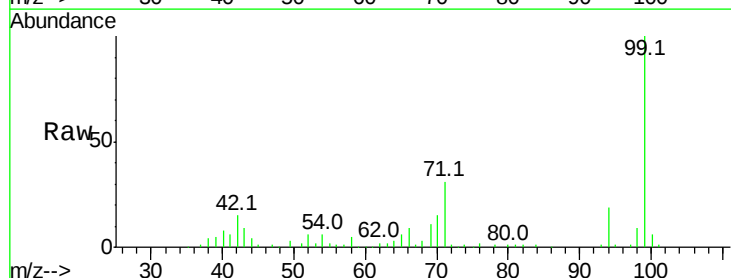
Delta R.T. 0.04 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

Tgt Ion: 94 Resp: 35700

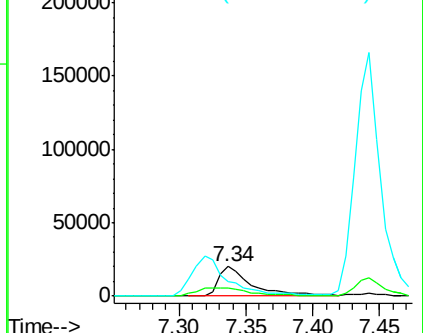
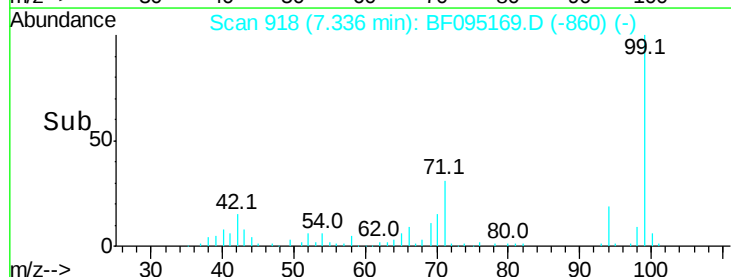
Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.9	49.9
66	49.3	23.1	63.1

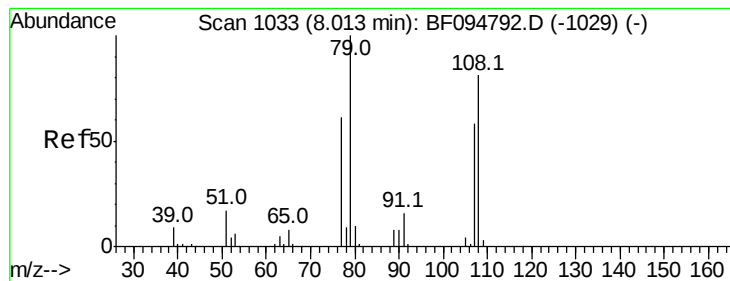


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 8.01 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

Instrument :

BNA_F

ClientSampleId :

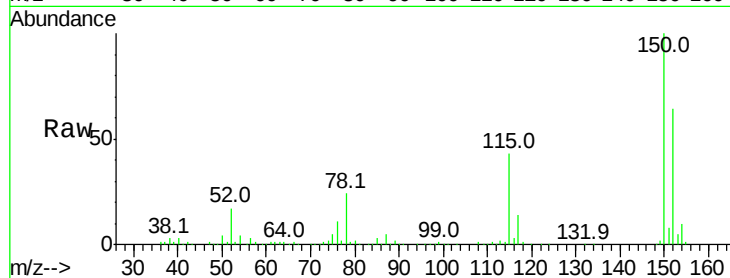
Tot Ion: 79 Resp: 10619

Ion Ratio Lower Upper

79 100

108 34.8 63.4 95.0#

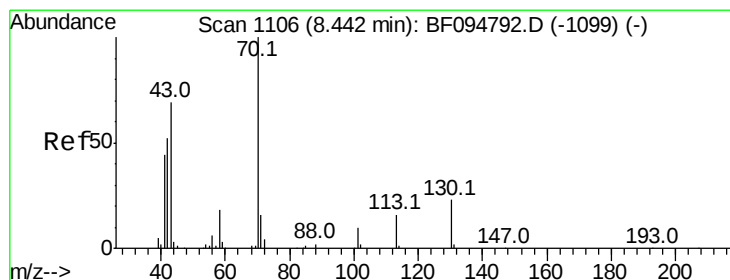
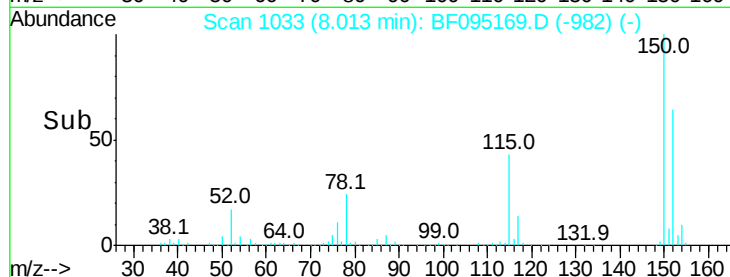
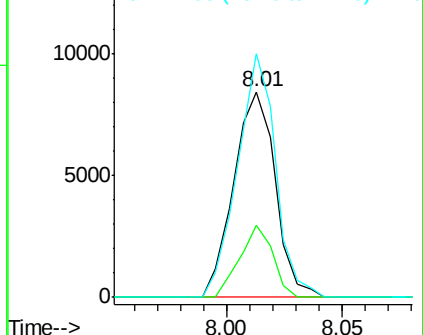
77 118.5 49.2 73.8#



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: 17.07 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.24 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

Tgt Ion: 70 Resp: 87945

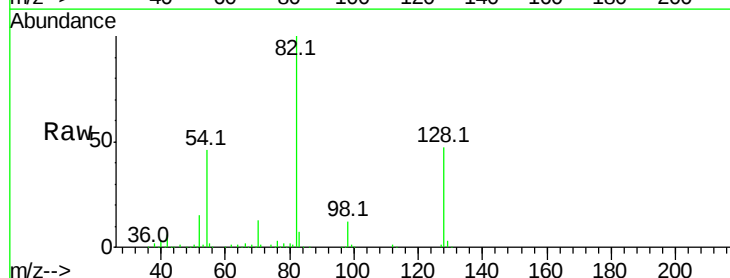
Ion Ratio Lower Upper

70 100

42 44.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

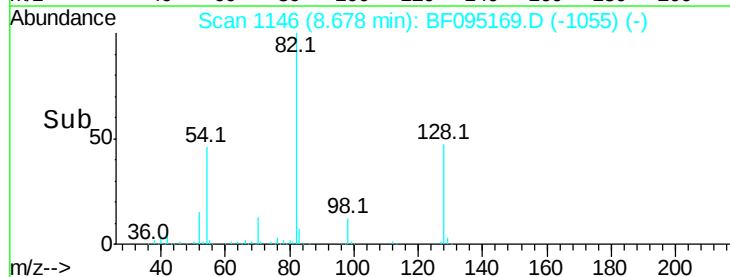
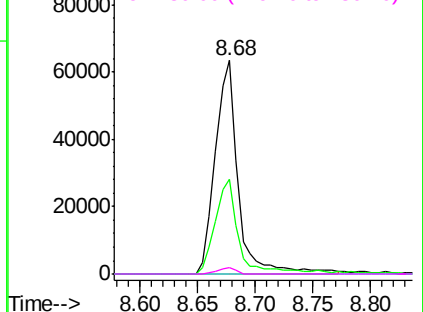


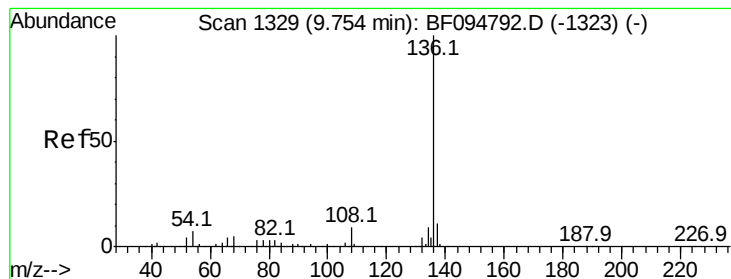
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 424735

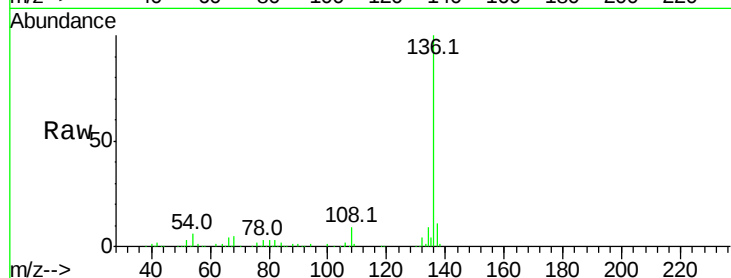
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

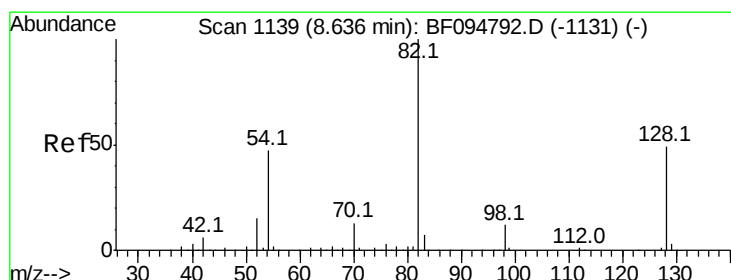
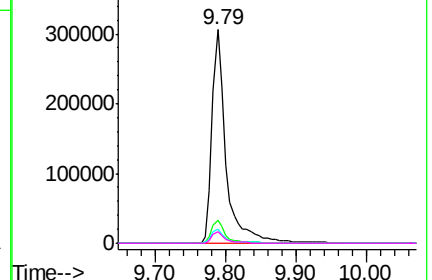
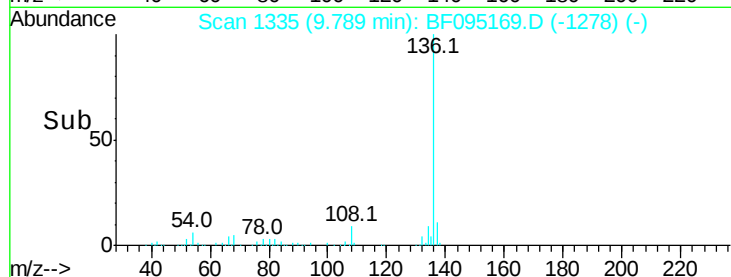


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.82 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

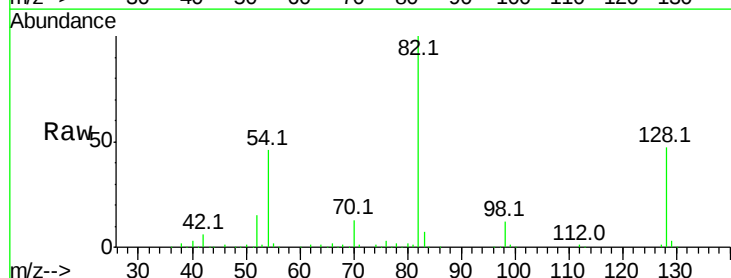
Tgt Ion: 82 Resp: 699314

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

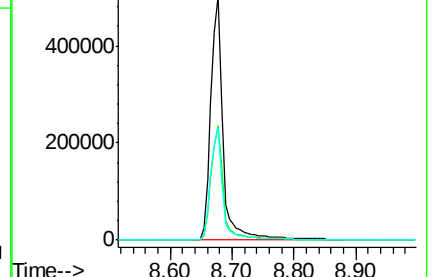
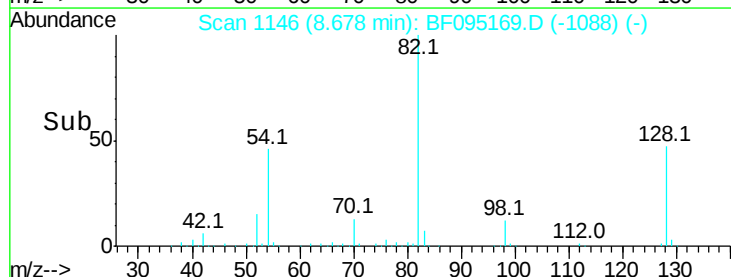
54 46.0 42.2 63.2

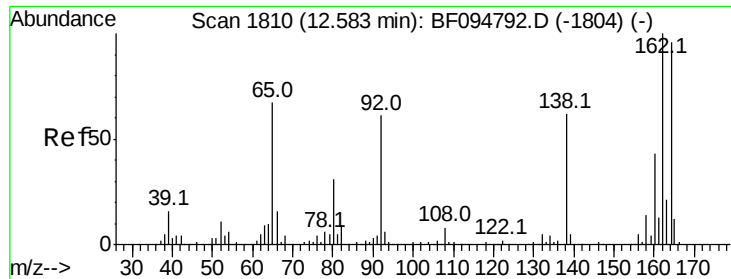


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

Instrument :

BNA_F

ClientSampleId :

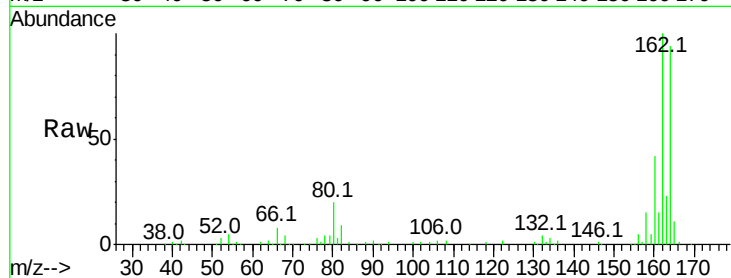
Tot Ion:164 Resp: 181573

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

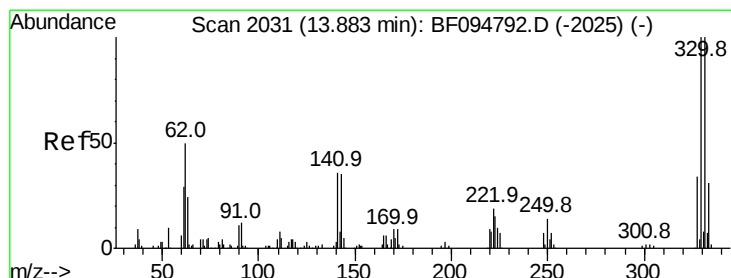
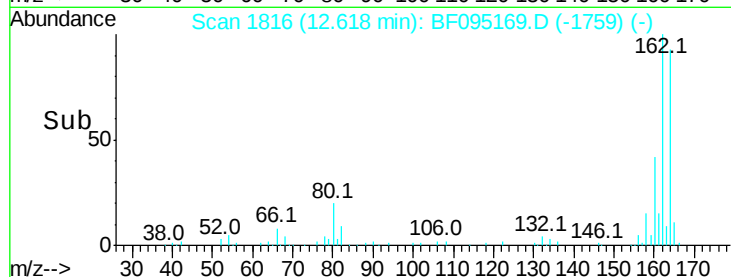
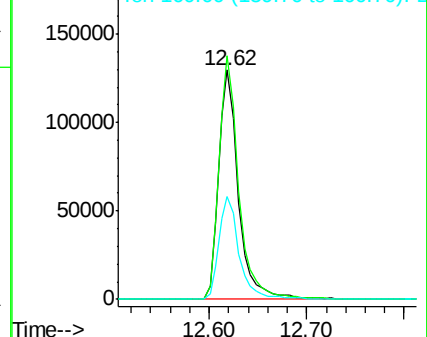
160 44.9 36.2 54.2



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: 128.17 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

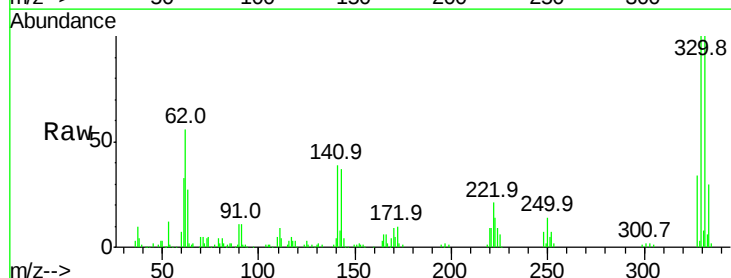
Tgt Ion:330 Resp: 190598

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

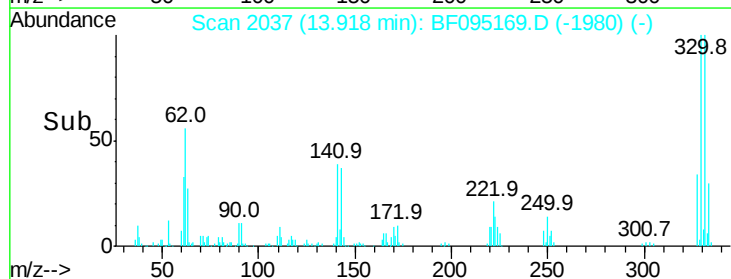
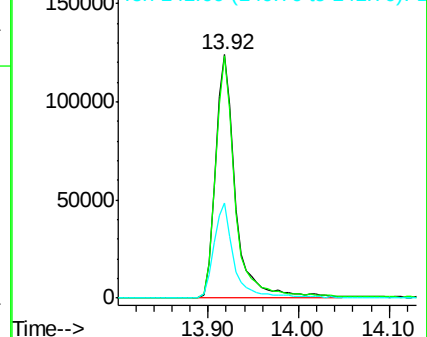
141 40.1 31.4 47.2

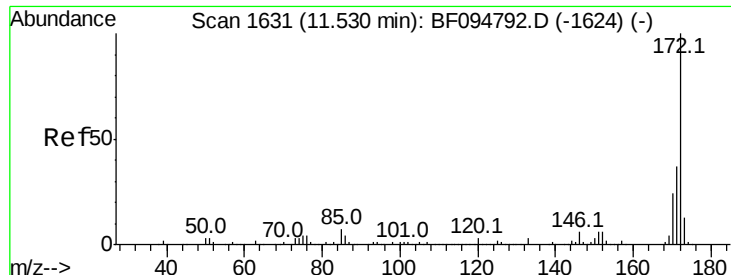


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

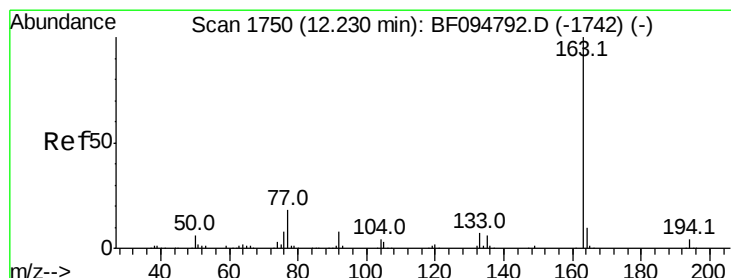
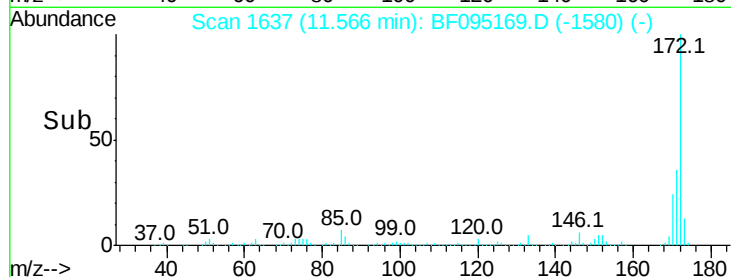
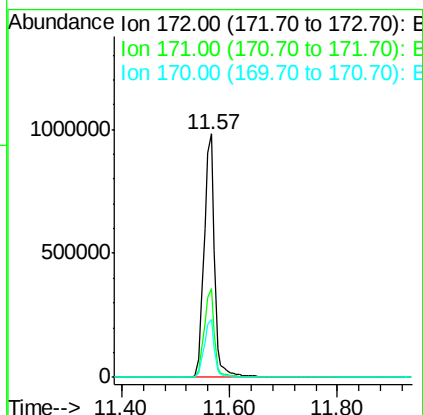
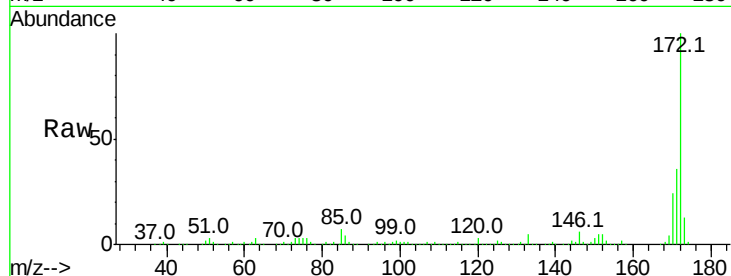




#44
2-Fluorobiphenyl
Concen: 104.64 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095169.D
Acq: 16 May 2017 22:07

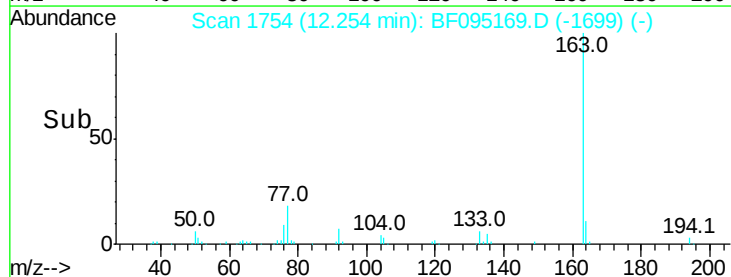
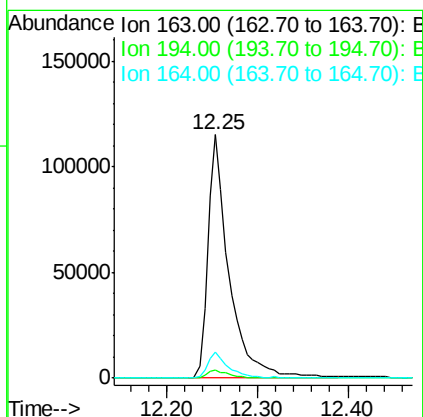
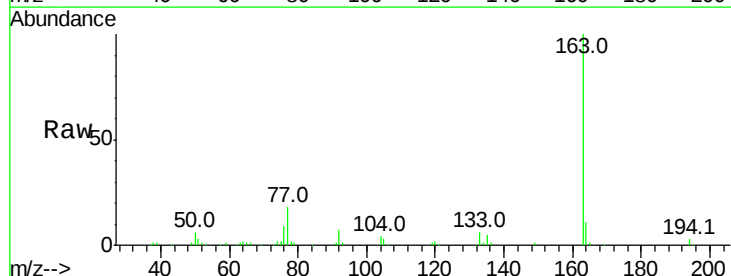
Instrument :
BNA_F
ClientSampleId :

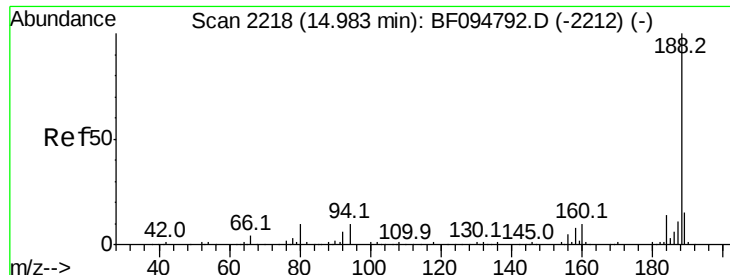
Tot Ion:172 Resp: 1320028
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 12.59 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095169.D
Acq: 16 May 2017 22:07

Tgt Ion:163 Resp: 187640
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.9 8.4 12.6

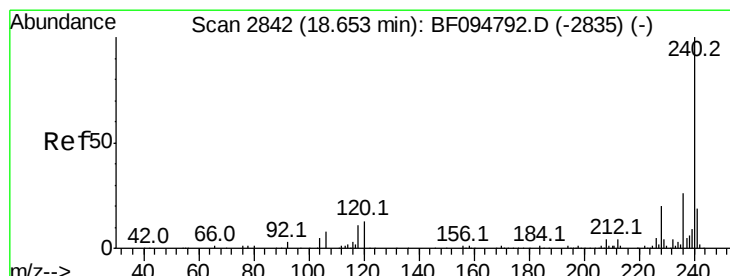
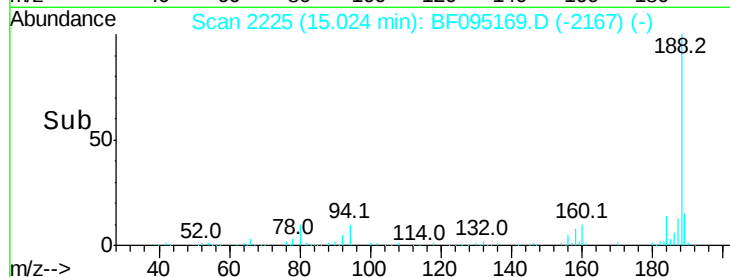
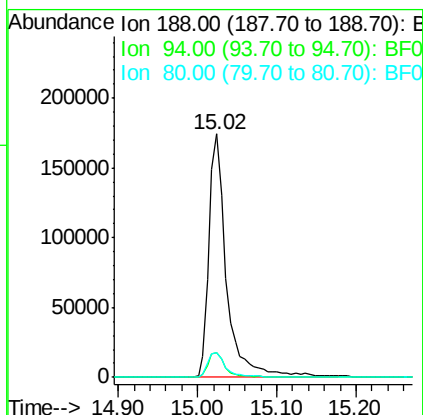
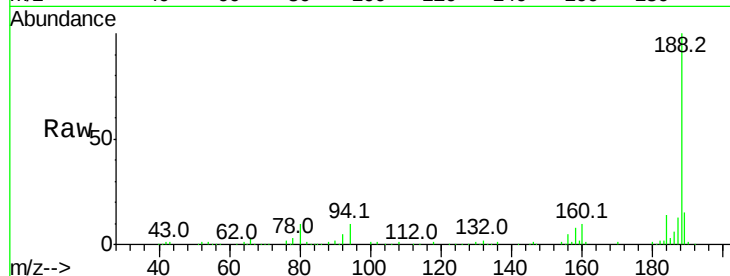




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095169.D
 Acq: 16 May 2017 22:07

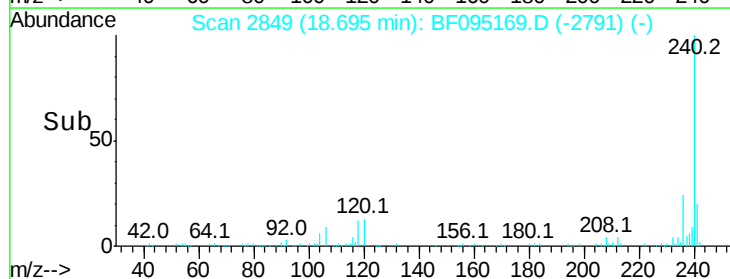
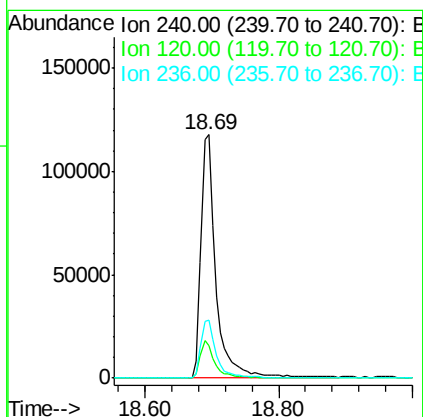
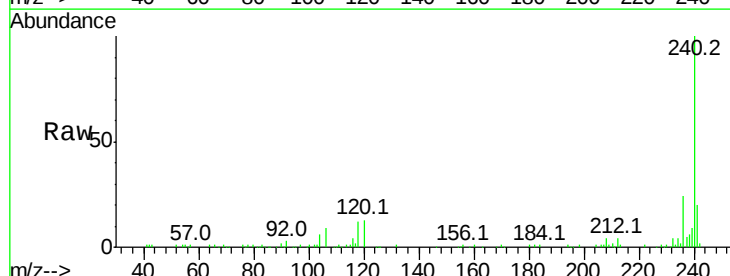
Instrument :
 BNA_F
 ClientSampleId :

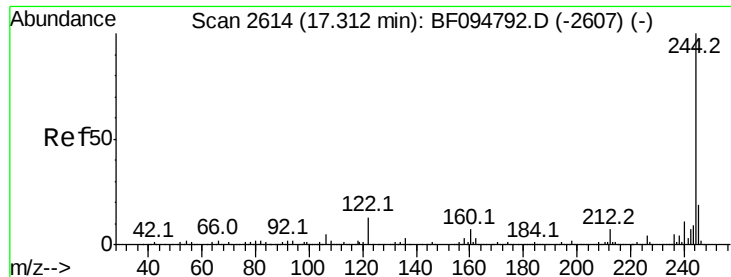
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.1	10.2	15.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095169.D
 Acq: 16 May 2017 22:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.1	20.5	30.7





#78

Terphenyl-d14

Concen: 89.67 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

Instrument :

BNA_F

ClientSampleId :

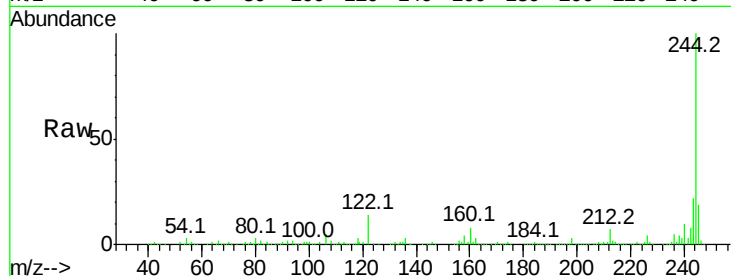
Tot Ion:244 Resp: 734350

Ion Ratio Lower Upper

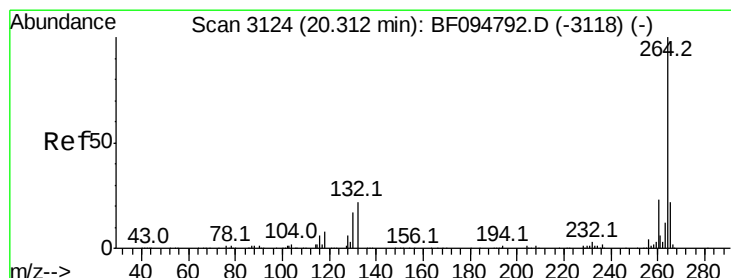
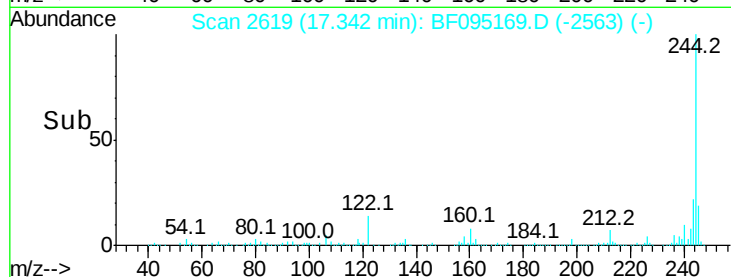
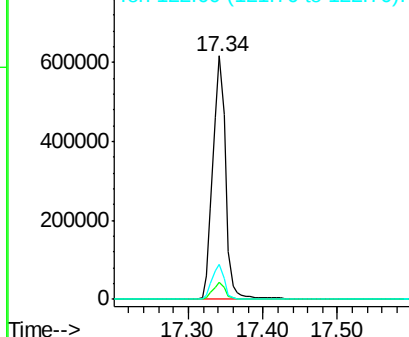
244 100

212 6.8 6.0 9.0

122 14.2 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

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.05 min

Lab File: BF095169.D

Acq: 16 May 2017 22:07

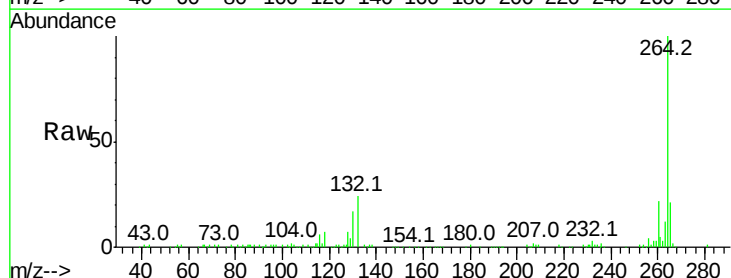
Tgt Ion:264 Resp: 169176

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

