

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095243.D
 Acq On : 19 May 2017 2:22
 Operator : SJ/MA
 Sample : I3157-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 04:04:30 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

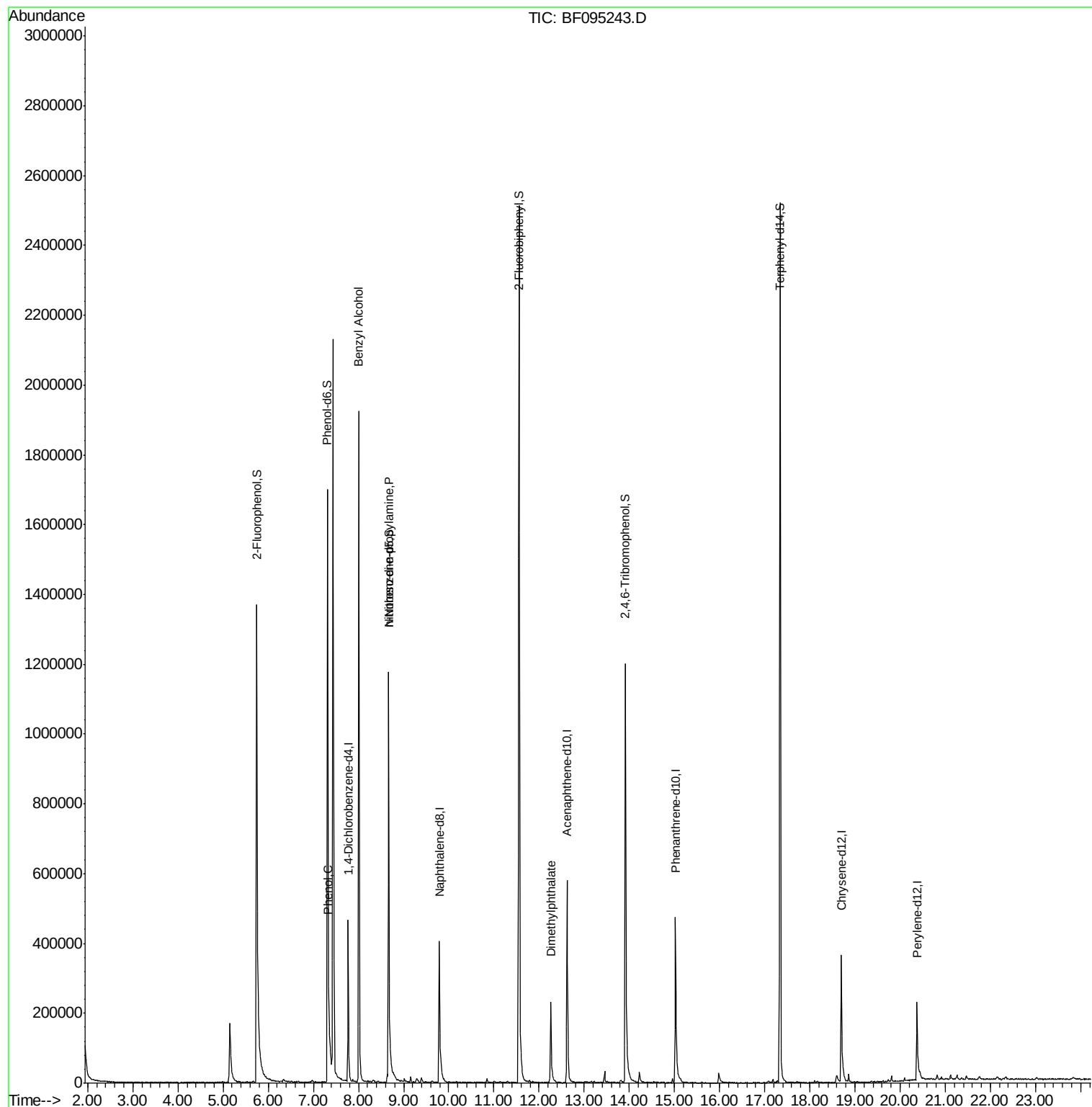
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	103049	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	397080	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	202542	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	353678	20.00	ng	0.00
75) Chrysene-d12	18.69	240	246127	20.00	ng	0.00
86) Perylene-d12	20.37	264	155592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	897478	145.20	ng	0.00
7) Phenol-d6	7.31	99	1085747	146.40	ng	0.00
23) Nitrobenzene-d5	8.67	82	637537	101.24	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	248790	149.99	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1322735	94.00	ng	0.00
78) Terphenyl-d14	17.34	244	1071494	95.89	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25700	3.29	ng	80
15) Benzyl Alcohol	8.01	79	10390	2.18	ng	# 43
19) n-Nitroso-di-n-propylamine	8.67	70	76549	15.26	ng	# 72
49) Dimethylphthalate	12.26	163	195485	11.76	ng	99

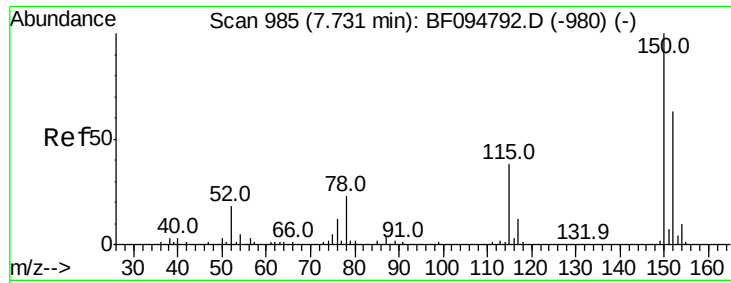
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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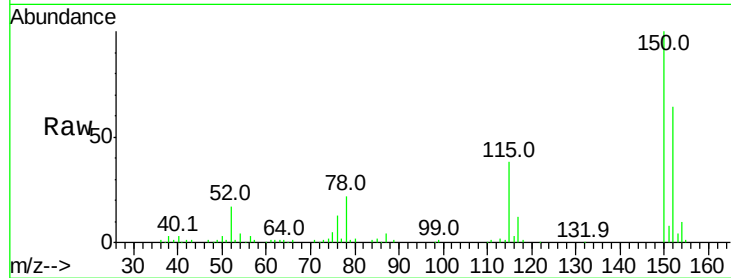


#1

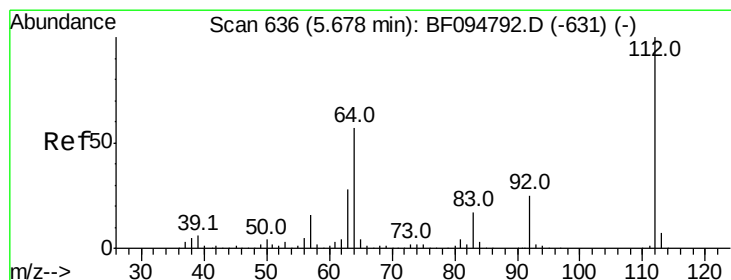
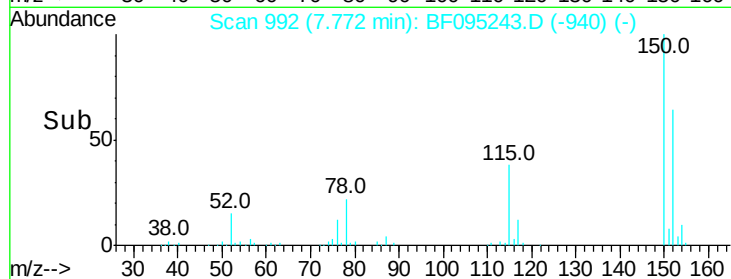
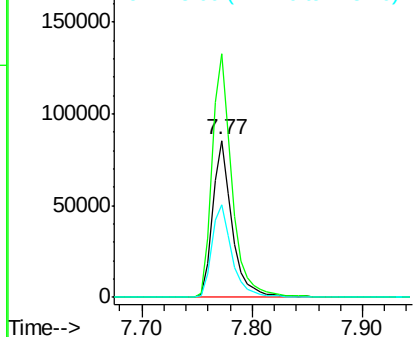
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103049
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.2 52.2 78.2



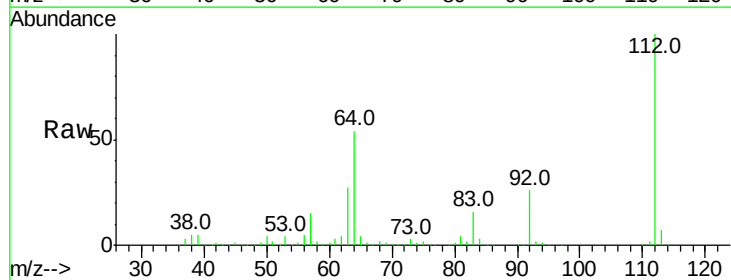
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



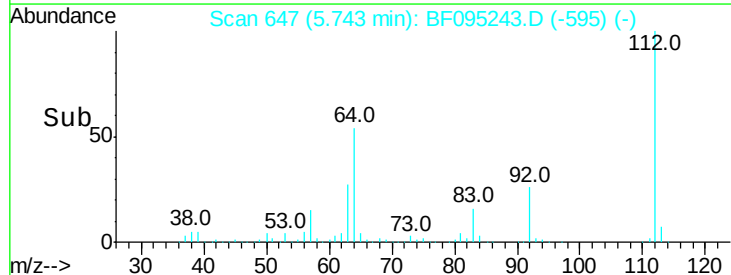
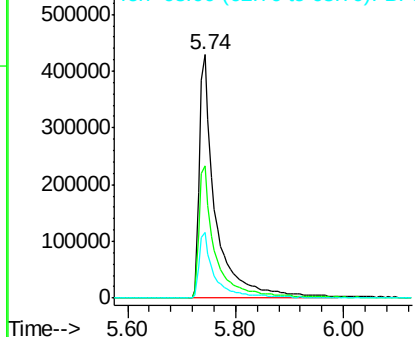
#5

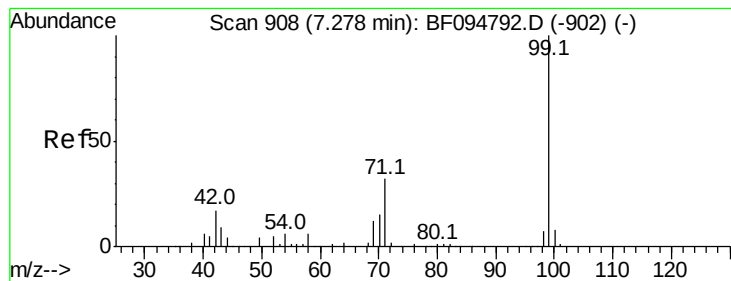
2-Fluorophenol
Concen: 145.20 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

Tgt Ion:112 Resp: 897478
Ion Ratio Lower Upper
112 100
64 54.4 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: 146.40 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

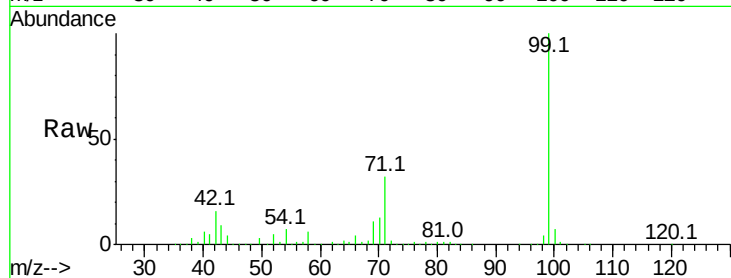
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1085747

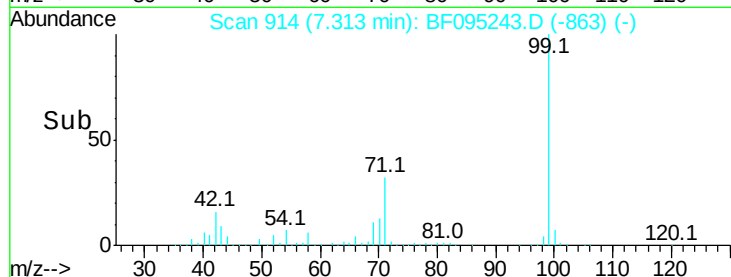
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.3	24.5	36.7



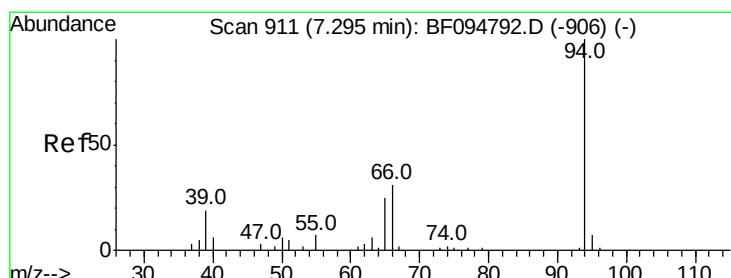
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 3.29 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

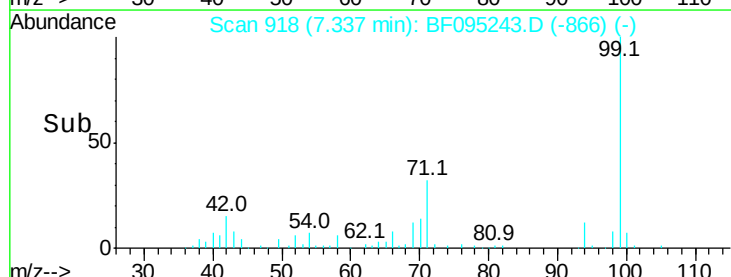
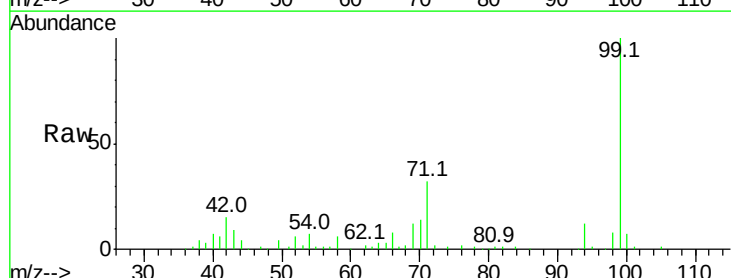
Tgt Ion: 94 Resp: 25700

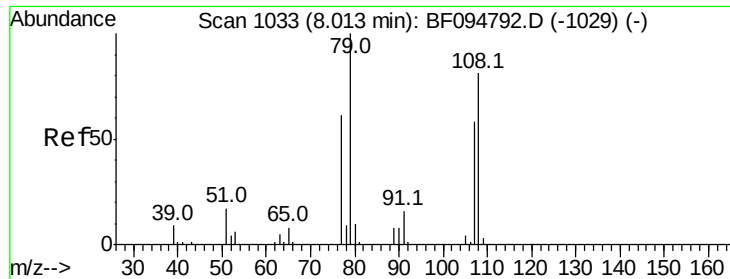
Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	61.6	23.1	63.1

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

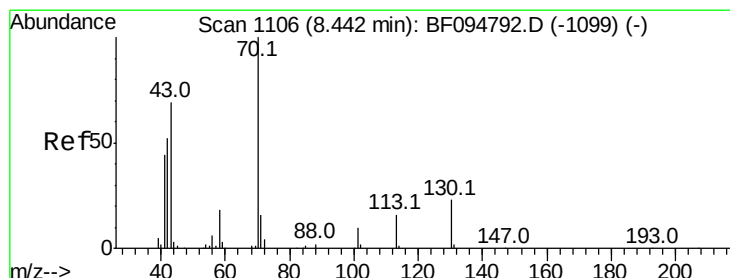
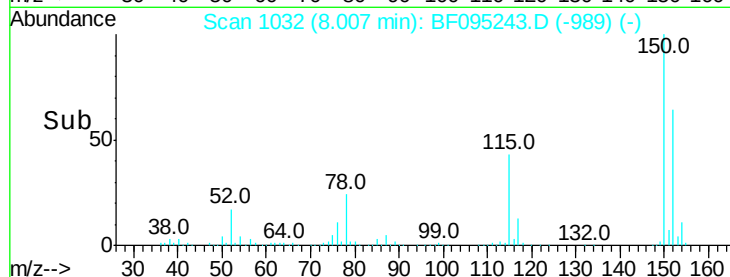
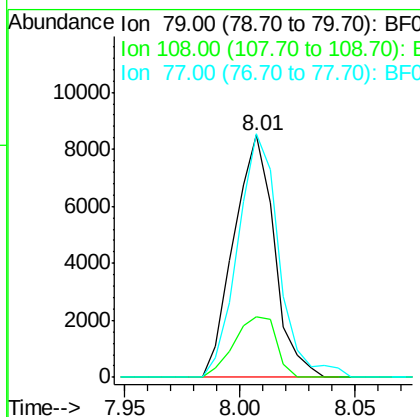
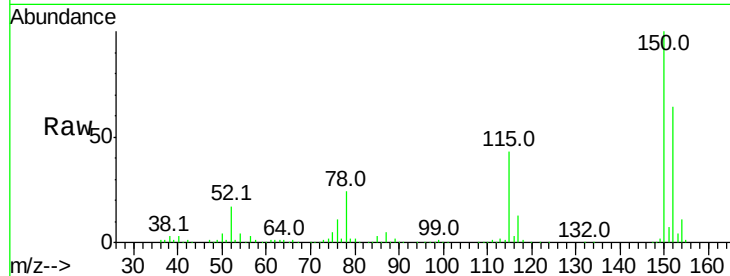




#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

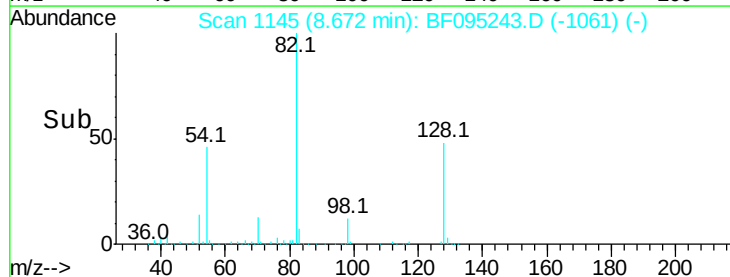
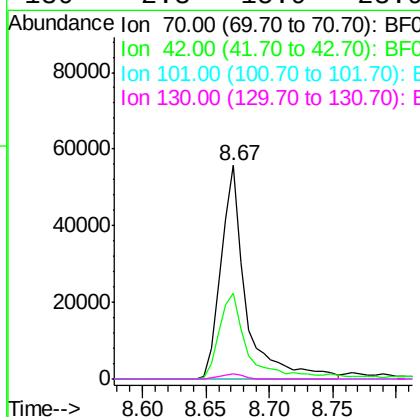
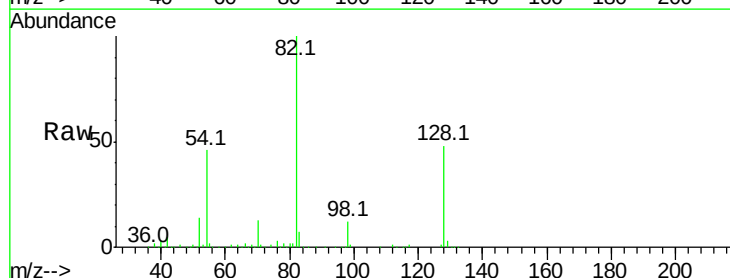
Instrument :
BNA_F
ClientSampled :

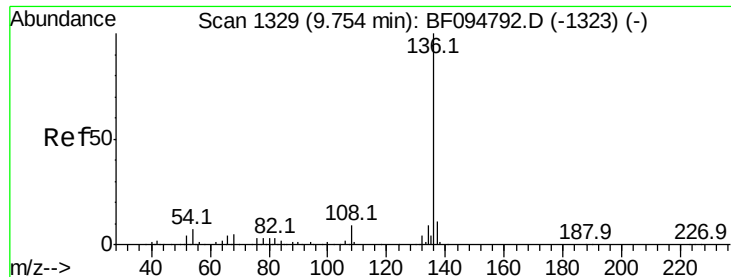
Tot Ion: 79 Resp: 10390
Ion Ratio Lower Upper
79 100
108 24.9 63.4 95.0#
77 100.6 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.26 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

Tgt Ion: 70 Resp: 76549
Ion Ratio Lower Upper
70 100
42 40.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#

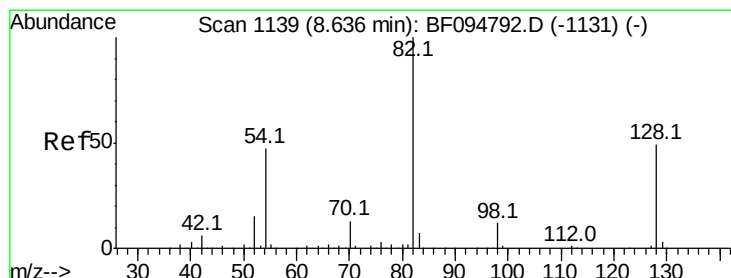
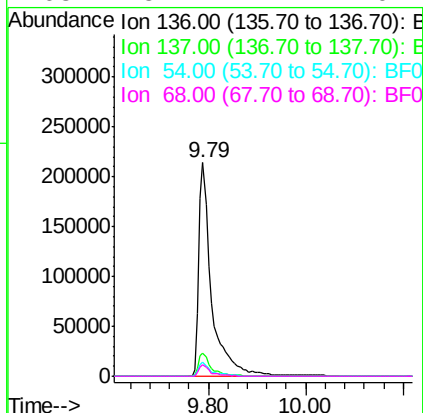
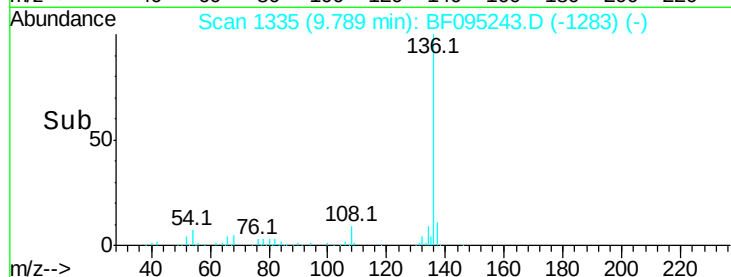
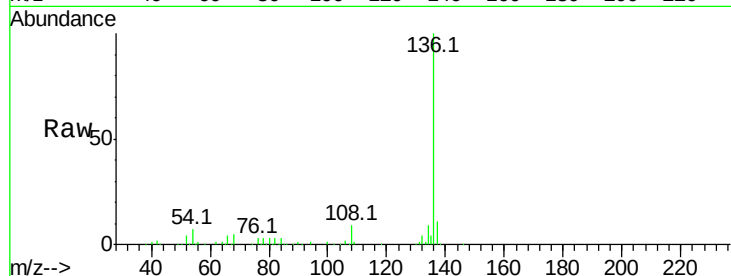




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

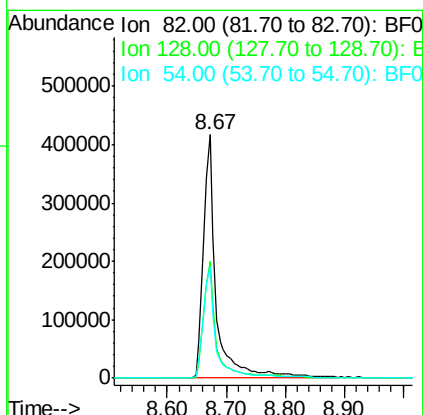
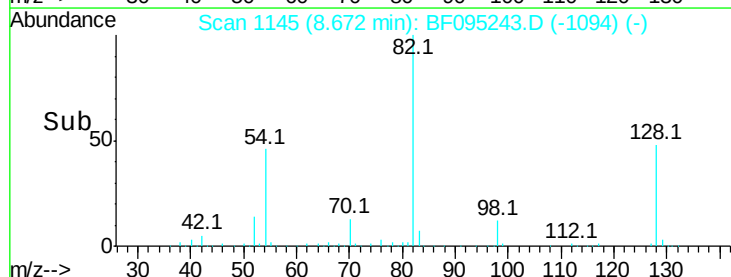
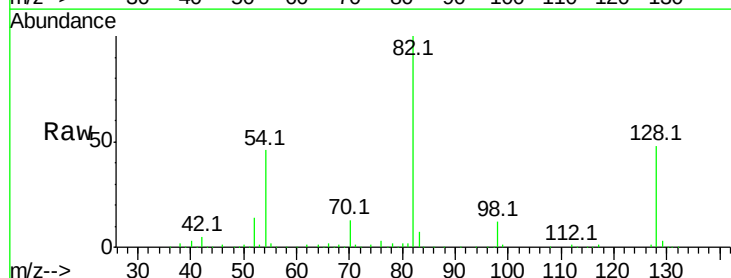
Instrument :
BNA_F
ClientSampleId :

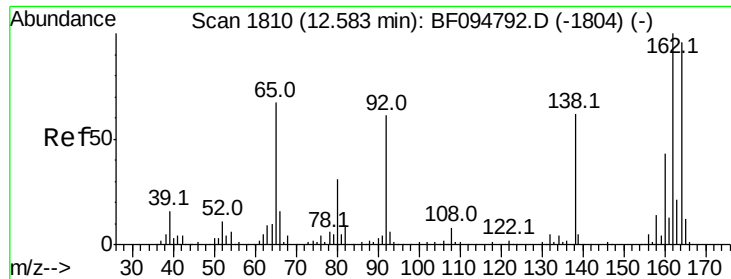
Tot Ion:136	Resp:	397080
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.6	4.9 7.3
68	5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 101.24 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

Tgt Ion: 82	Resp:	637537
Ion Ratio	Lower	Upper
82	100	
128	47.9	34.0 51.0
54	45.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

Instrument :

BNA_F

ClientSampleId :

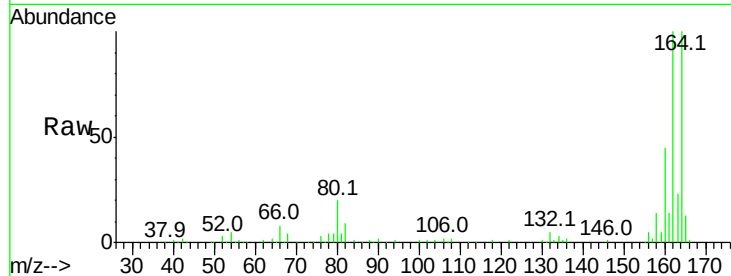
Tot Ion:164 Resp: 202542

Ion Ratio Lower Upper

164 100

162 99.6 82.6 123.8

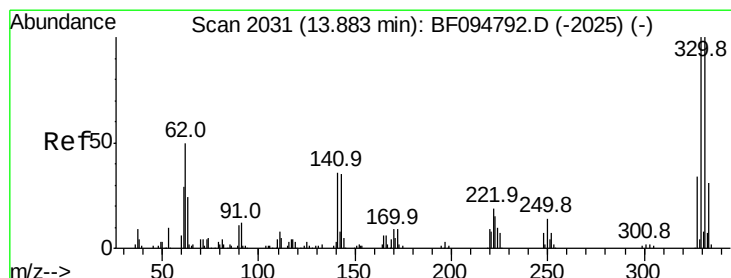
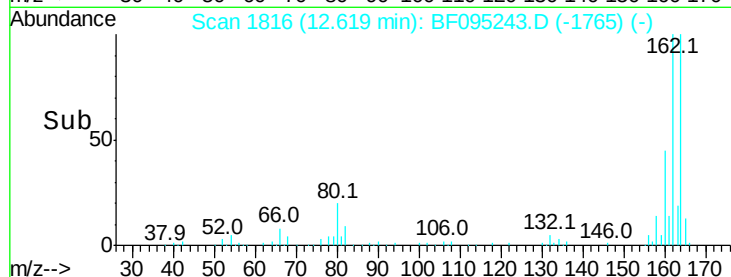
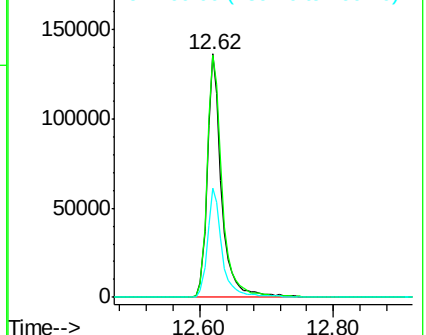
160 44.7 36.2 54.2



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: 149.99 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

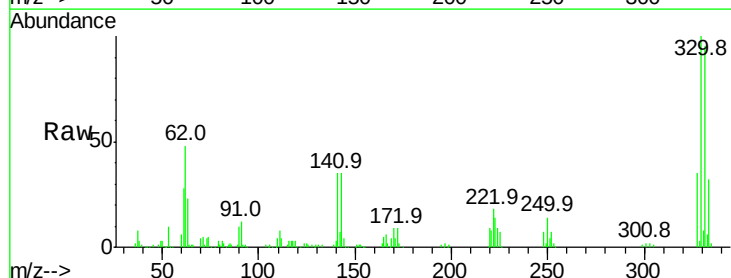
Tgt Ion:330 Resp: 248790

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

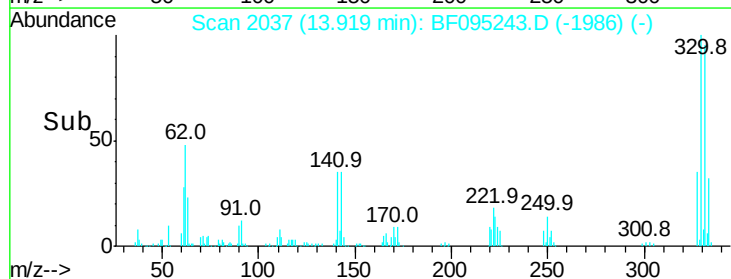
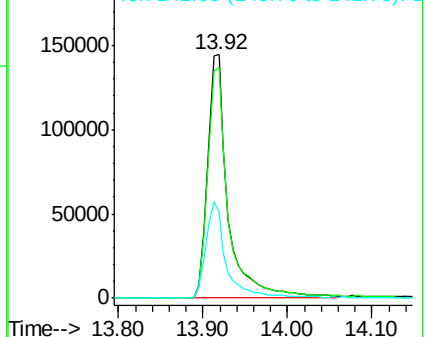
141 39.2 31.4 47.2

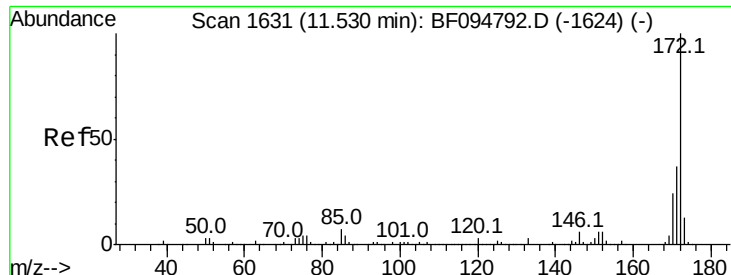


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

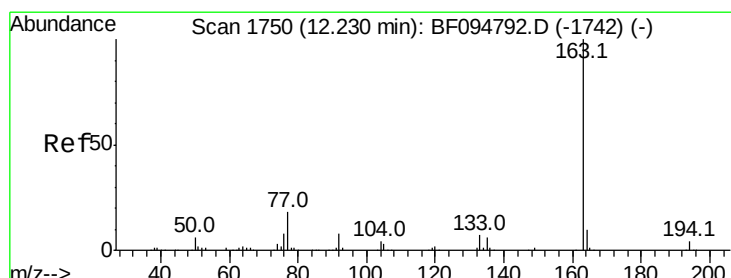
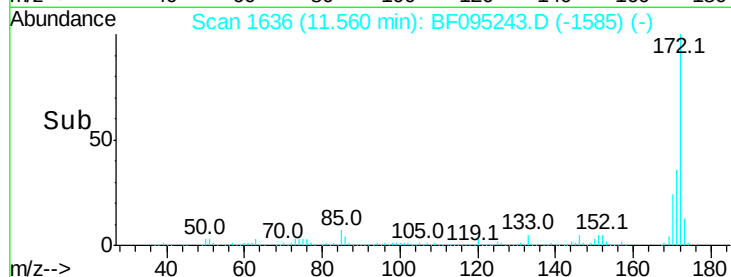
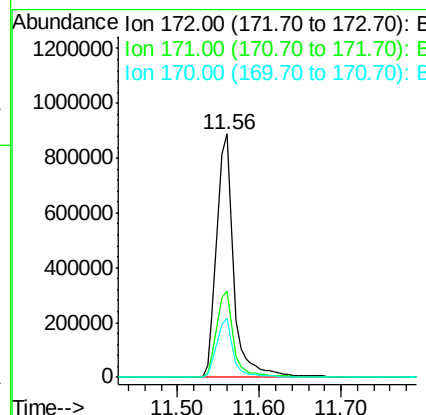
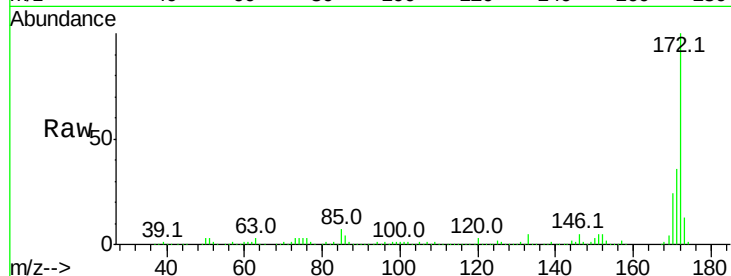




#44
2-Fluorobiphenyl
Concen: 94.00 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

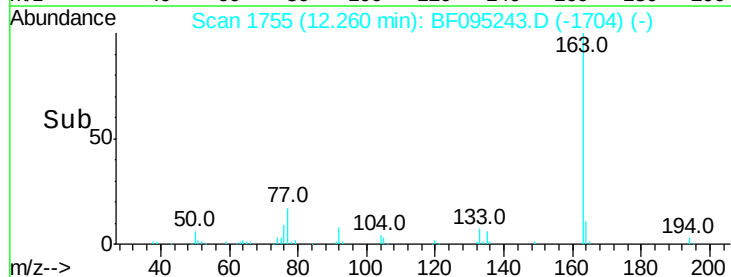
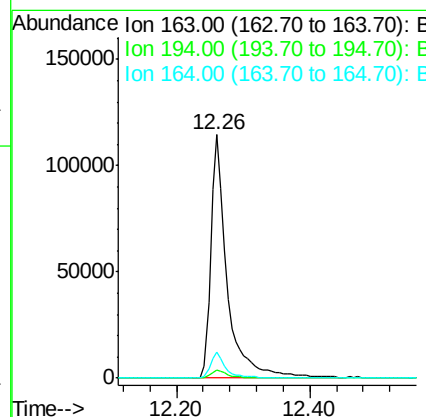
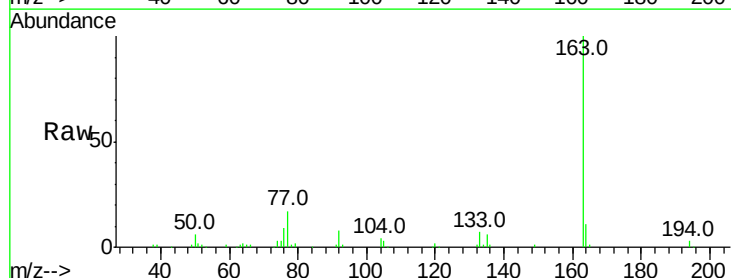
Instrument :
BNA_F
ClientSampleId :

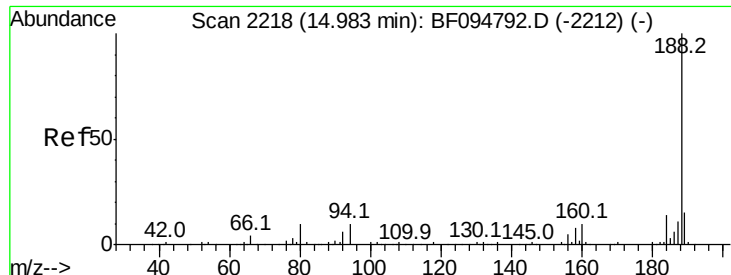
Tot Ion:172 Resp: 1322735
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 11.76 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095243.D
Acq: 19 May 2017 2:22

Tgt Ion:163 Resp: 195485
Ion Ratio Lower Upper
163 100
194 3.5 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. 0.00 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

Instrument :

BNA_F

ClientSampled :

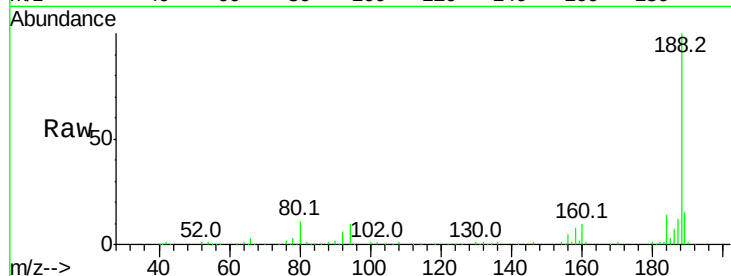
Tot Ion:188 Resp: 353678

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

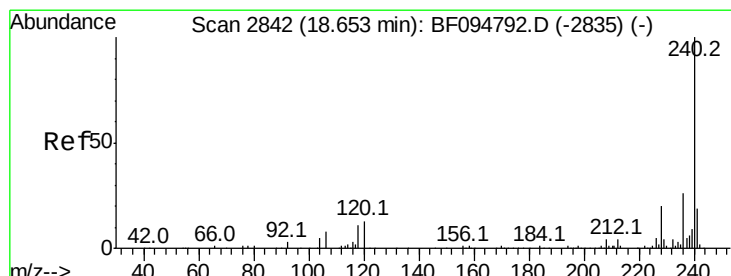
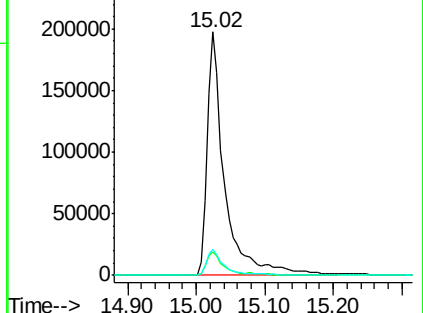
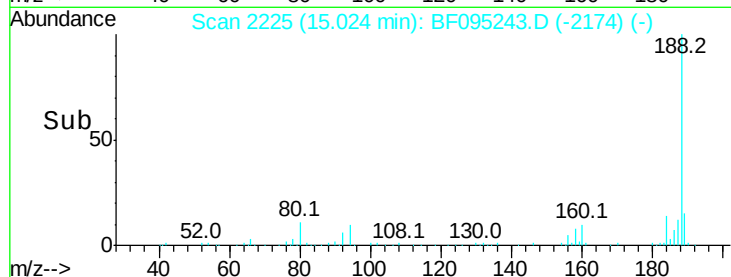
80 10.7 10.2 15.2



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# 2849

Delta R.T. 0.00 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

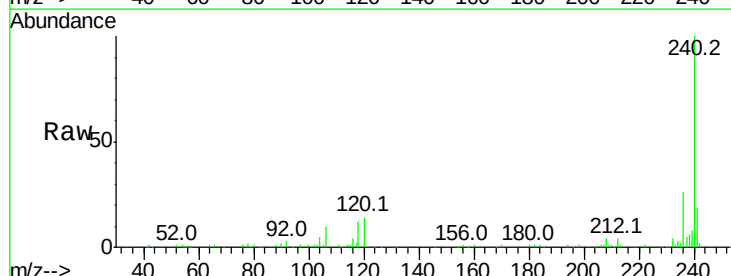
Tgt Ion:240 Resp: 246127

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

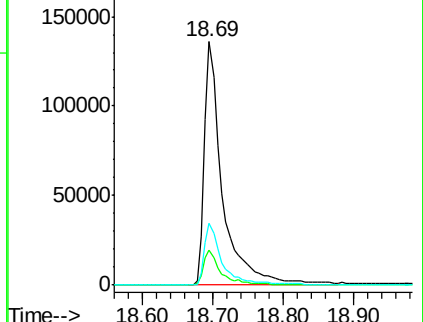
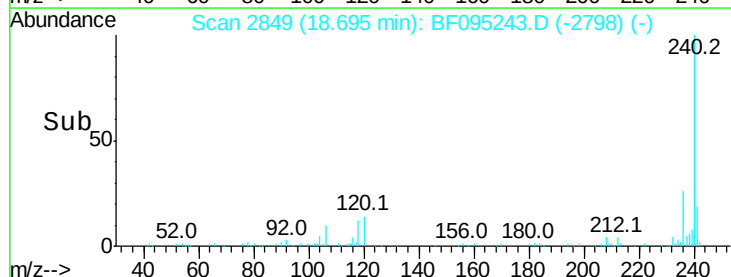
236 25.6 20.5 30.7

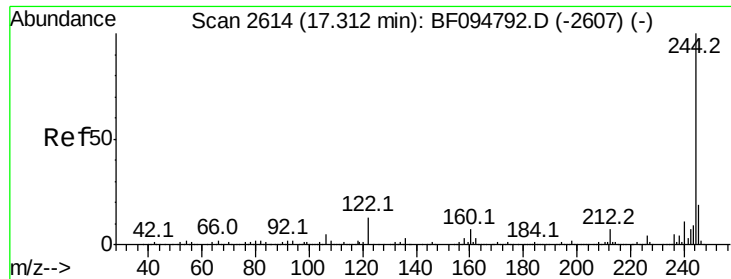


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.89 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

Instrument :

BNA_F

ClientSampled :

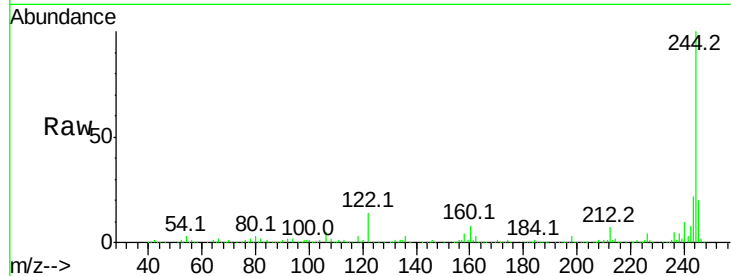
Tot Ion:244 Resp: 1071494

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

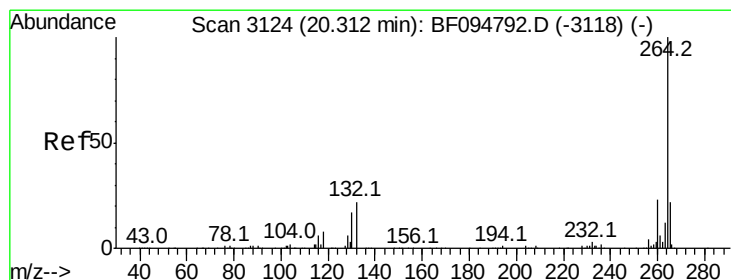
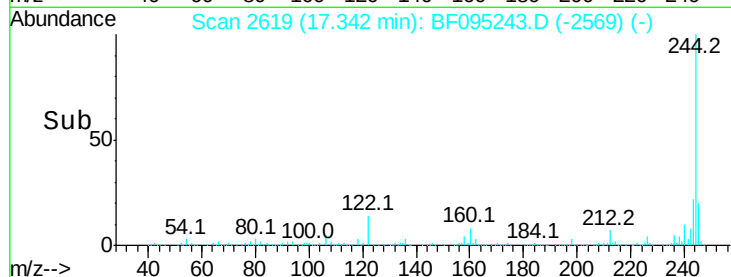
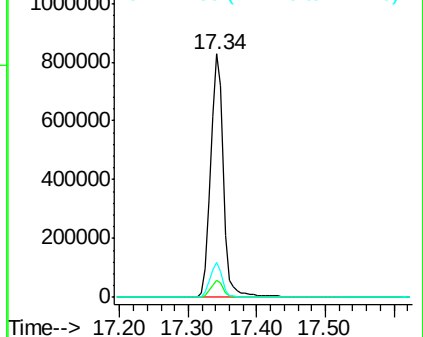
122 14.4 10.3 15.5



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# 3134

Delta R.T. 0.01 min

Lab File: BF095243.D

Acq: 19 May 2017 2:22

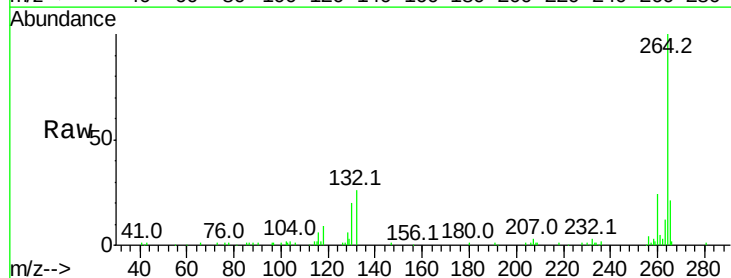
Tgt Ion:264 Resp: 155592

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.3 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

