

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095247.D
 Acq On : 19 May 2017 5:08
 Operator : SJ/MA
 Sample : I3186-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 05:35:10 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

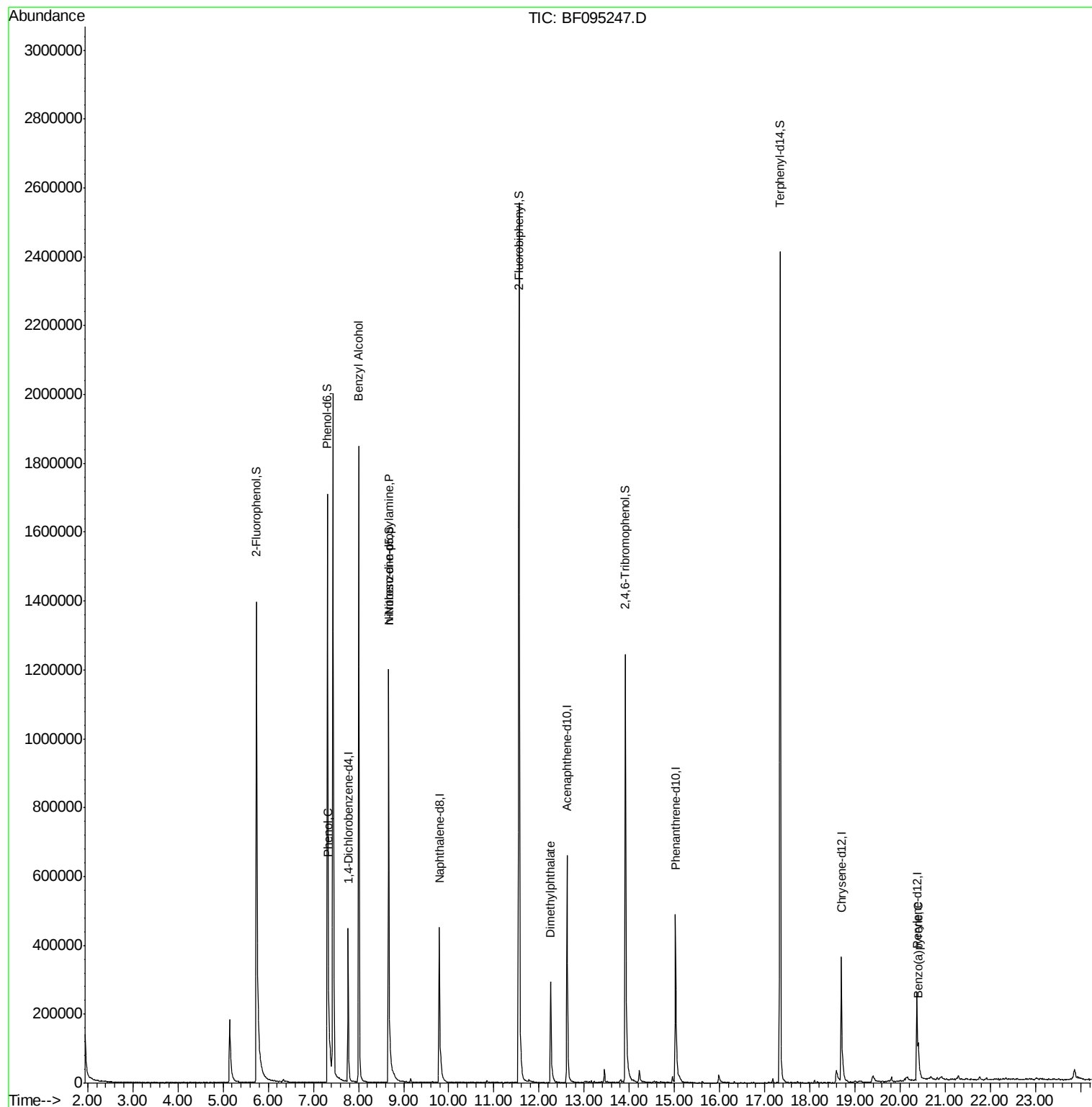
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102944	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	438930	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	216796	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	375558	20.00	ng	0.00
75) Chrysene-d12	18.69	240	254438	20.00	ng	0.00
86) Perylene-d12	20.37	264	168364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	881663	142.79	ng	0.00
7) Phenol-d6	7.31	99	1061319	143.26	ng	0.00
23) Nitrobenzene-d5	8.67	82	670178	96.28	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	252104	141.99	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1330769	88.35	ng	0.00
78) Terphenyl-d14	17.34	244	1040339	90.06	ng	0.00
Target Compounds						
10) Phenol	7.33	94	23710	3.04	ng	# 67
15) Benzyl Alcohol	8.01	79	9843	2.07	ng	# 46
19) n-Nitroso-di-n-propylamine	8.67	70	81492	16.26	ng	# 75
49) Dimethylphthalate	12.25	163	255861	14.38	ng	98
89) Benzo(a)pyrene	20.41	252	60554	6.31	ng	# 91

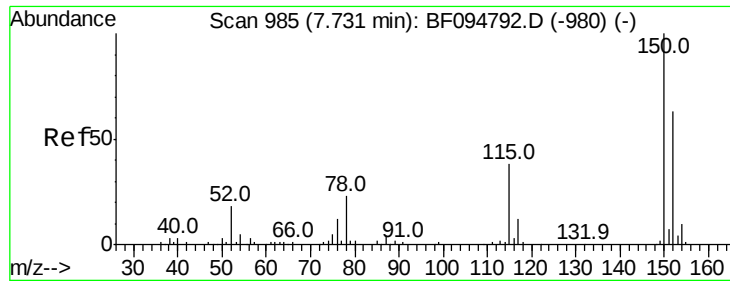
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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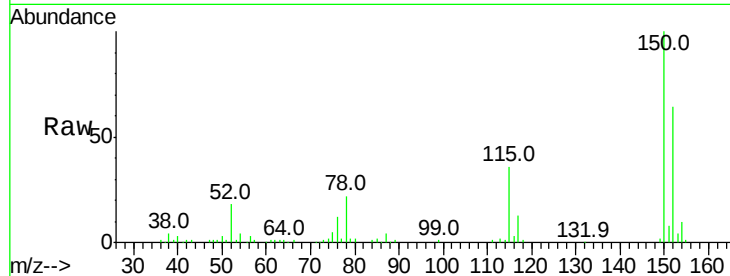


#1

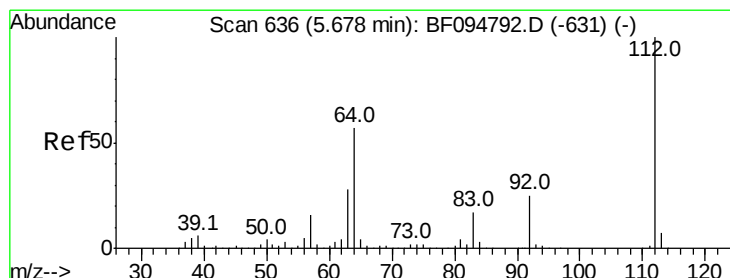
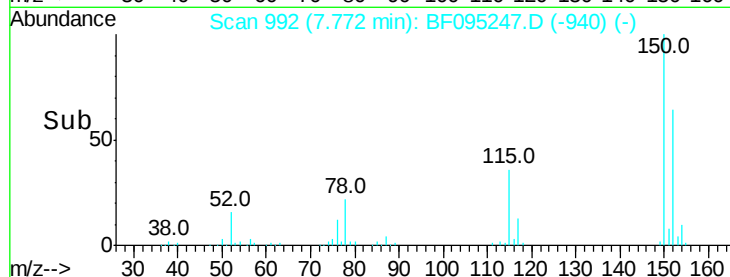
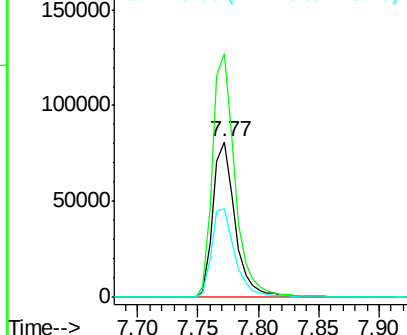
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102944
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 57.1 52.2 78.2



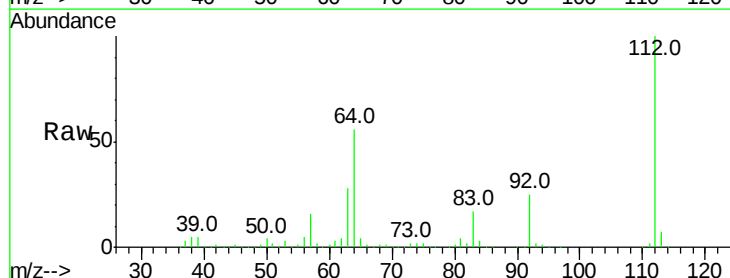
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



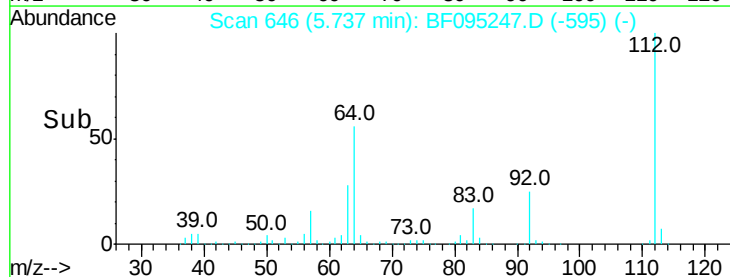
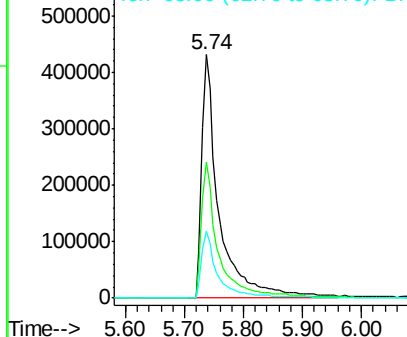
#5

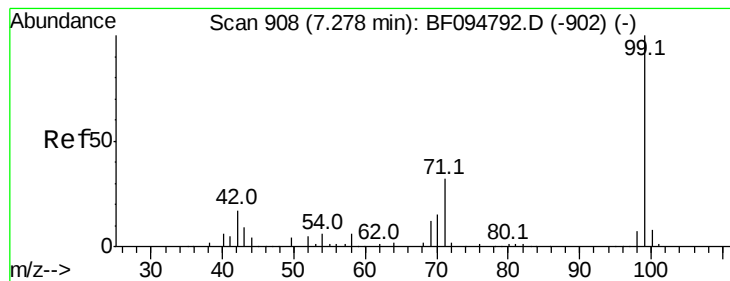
2-Fluorophenol
Concen: 142.79 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

Tgt Ion:112 Resp: 881663
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.6 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: 143.26 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

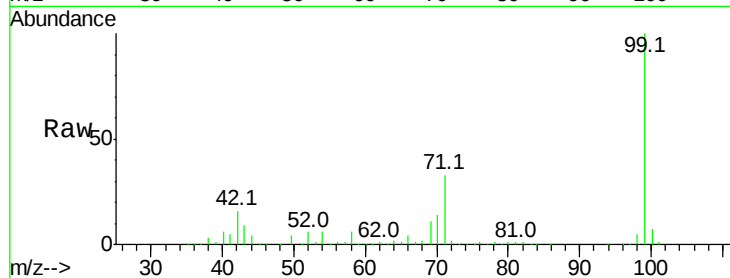
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1061319

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.9	24.5	36.7

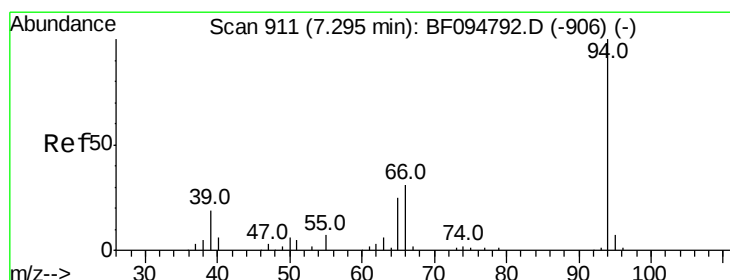
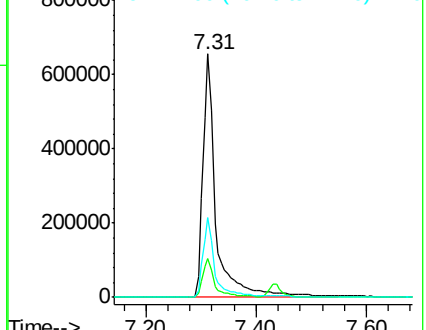
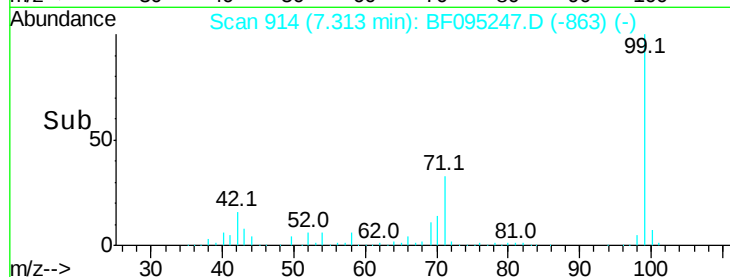


Abundance

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: 3.04 ng

RT: 7.33 min Scan# 917

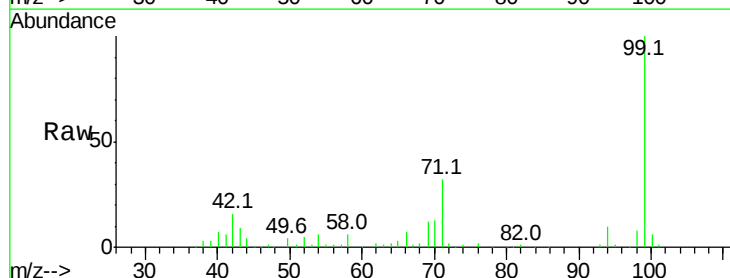
Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Tgt Ion: 94 Resp: 23710

Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	74.6	23.1	63.1#

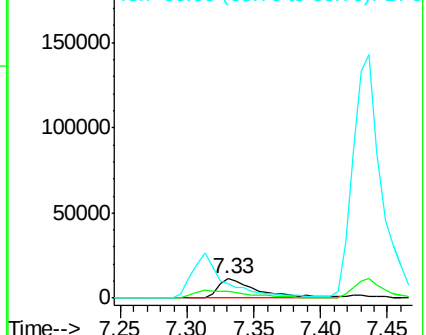
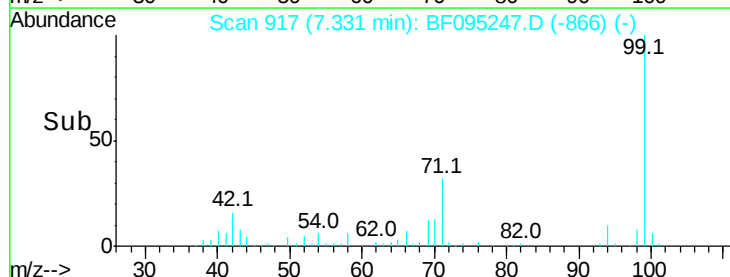


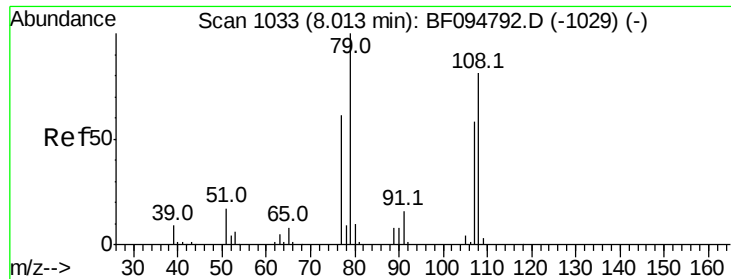
Abundance

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

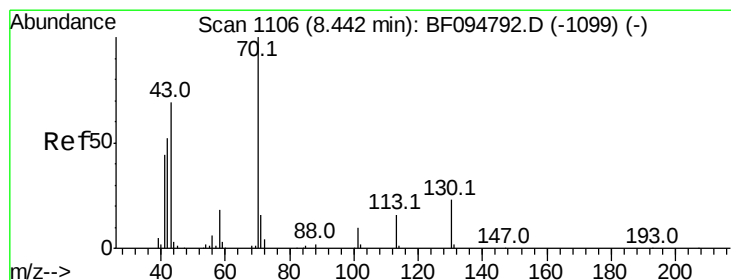
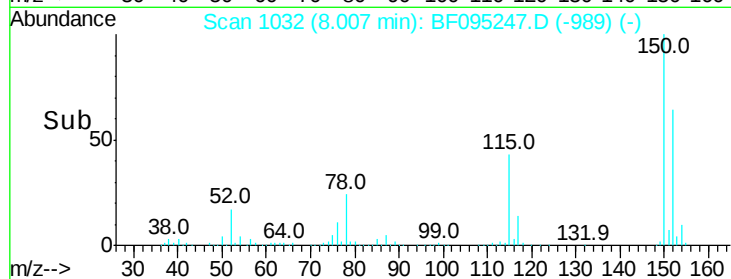
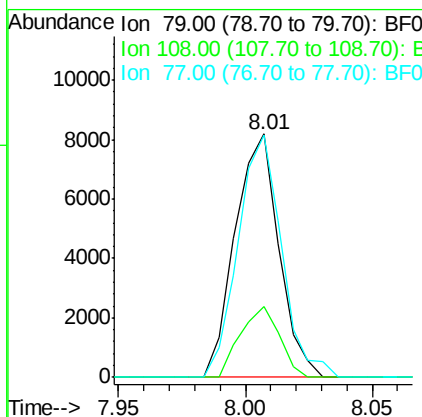
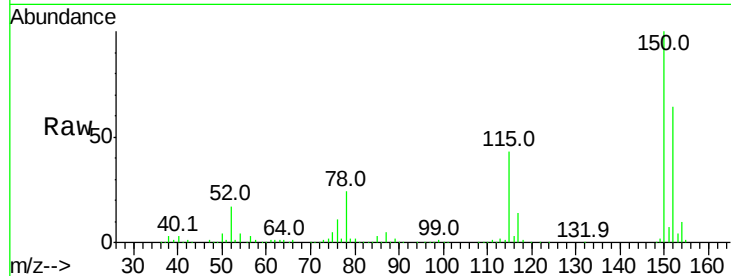




#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

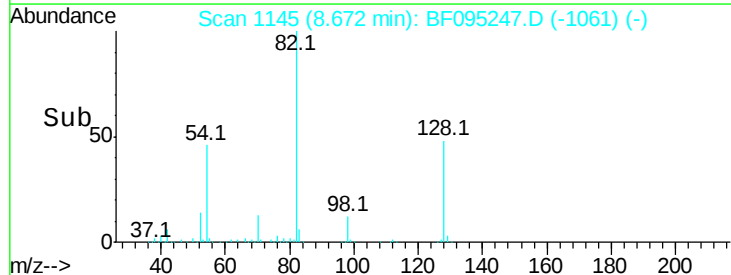
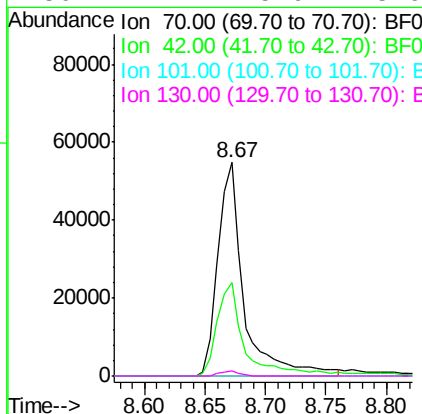
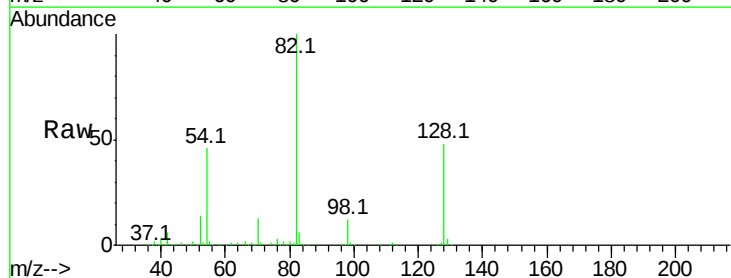
Instrument :
BNA_F
ClientSampled :

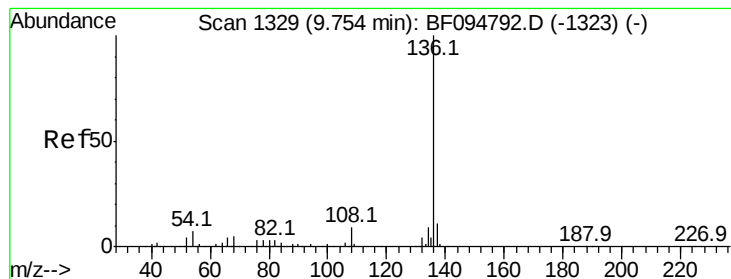
Tot Ion: 79 Resp: 9843
Ion Ratio Lower Upper
79 100
108 29.0 63.4 95.0#
77 99.5 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

Tgt Ion: 70 Resp: 81492
Ion Ratio Lower Upper
70 100
42 44.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 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: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438930

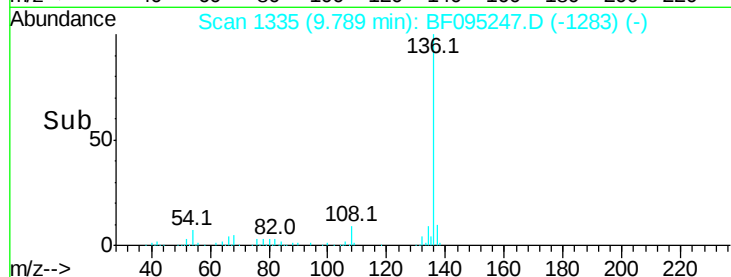
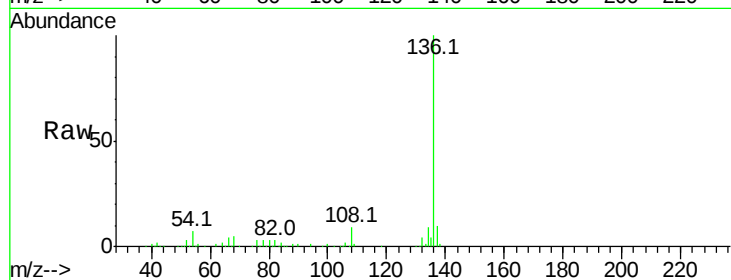
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.3 4.9 7.3

68 5.1 4.1 6.1

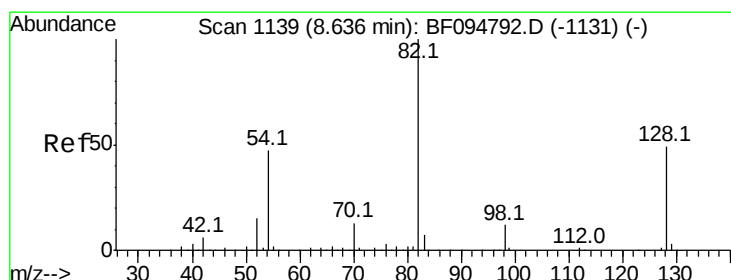
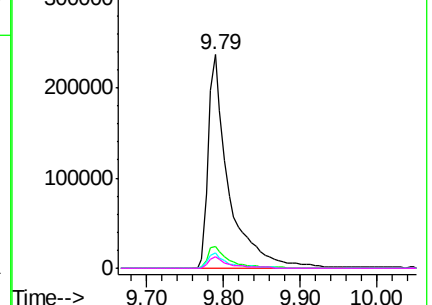


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.28 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

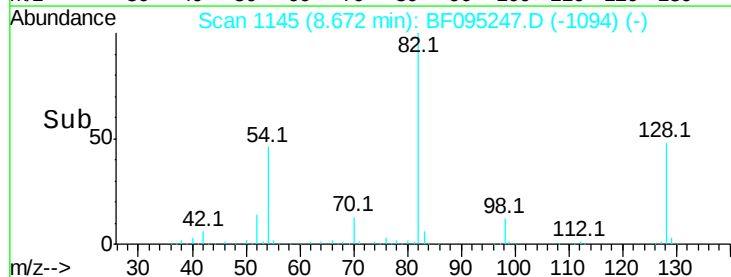
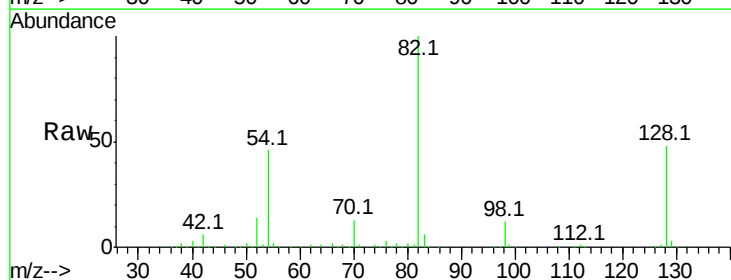
Tgt Ion: 82 Resp: 670178

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

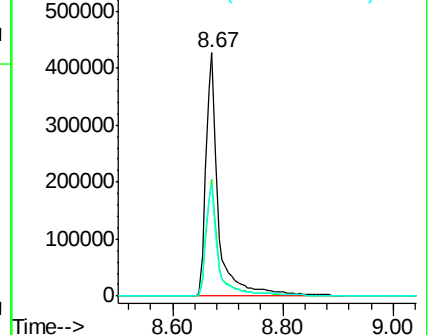
54 46.0 42.2 63.2

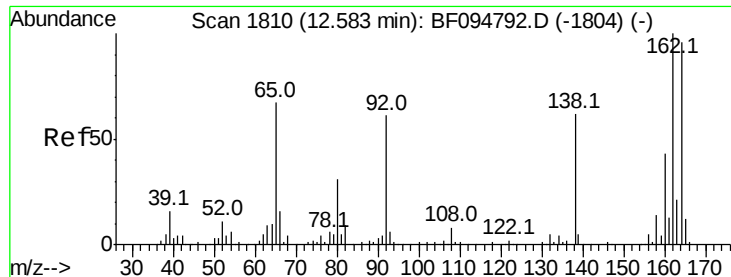


Abundance Ion 82.00 (81.70 to 82.70): BF0

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. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

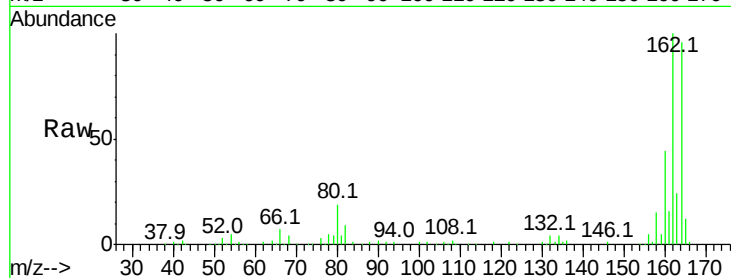
Tot Ion:164 Resp: 216796

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

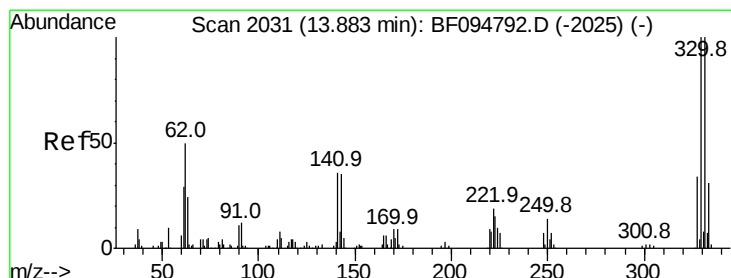
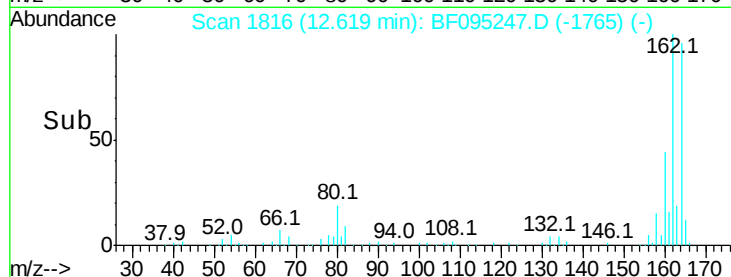
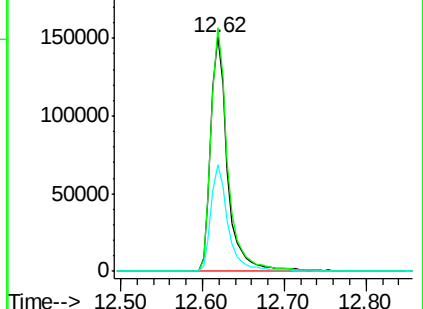
160 45.3 36.2 54.2



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: 141.99 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

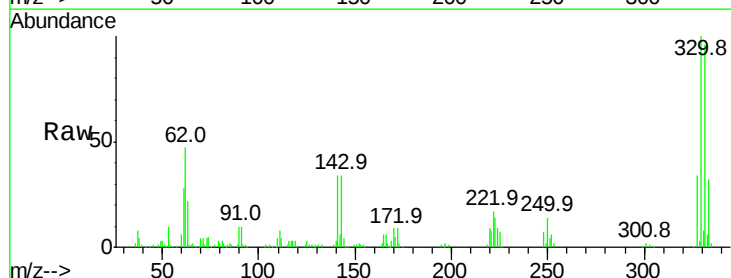
Tgt Ion:330 Resp: 252104

Ion Ratio Lower Upper

330 100

332 98.6 76.6 115.0

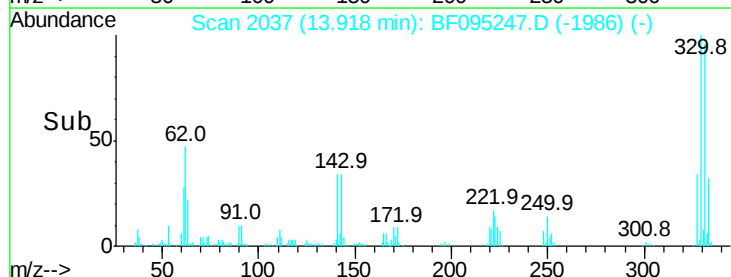
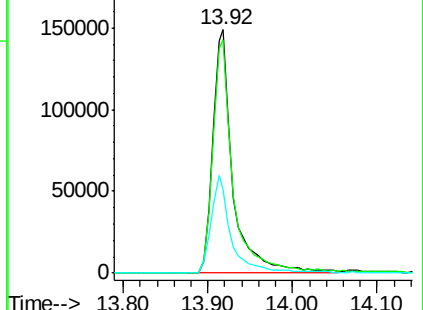
141 40.0 31.4 47.2

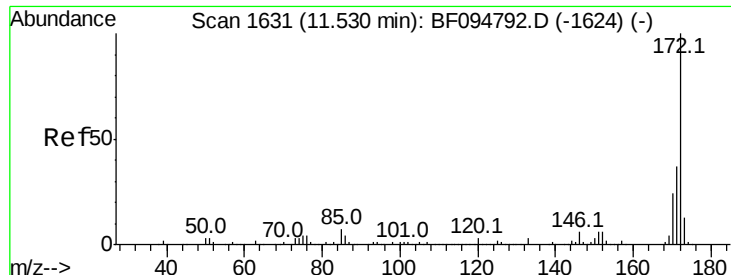


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

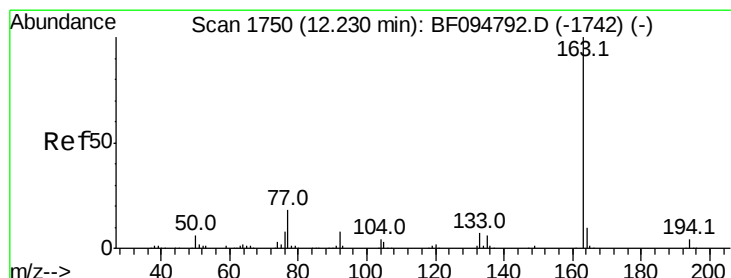
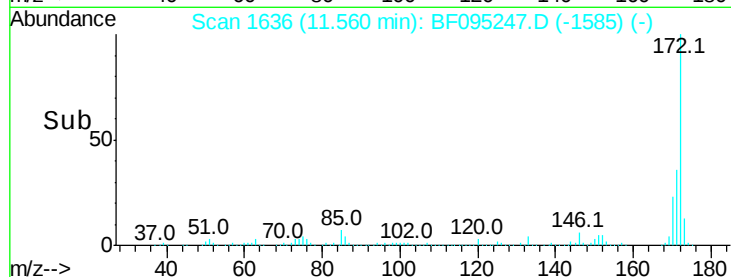
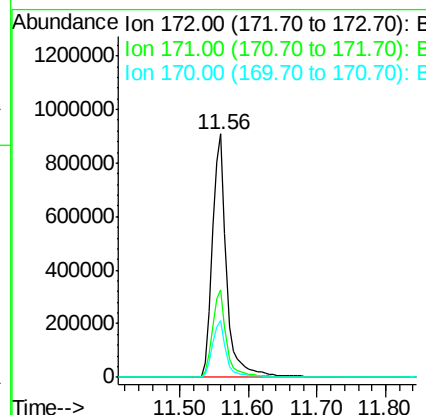
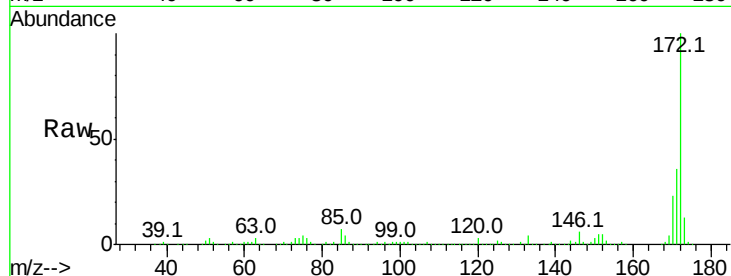




#44
2-Fluorobiphenyl
Concen: 88.35 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

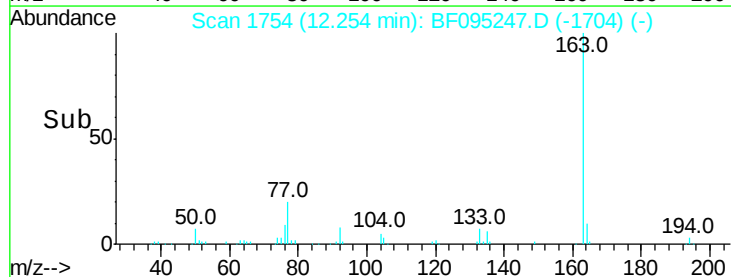
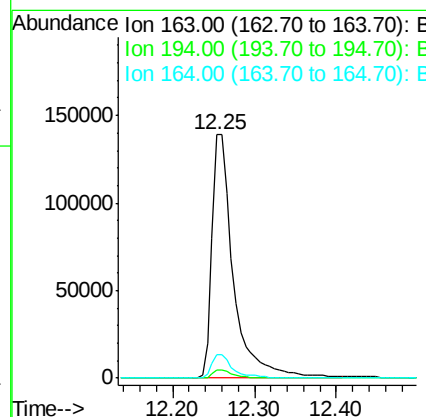
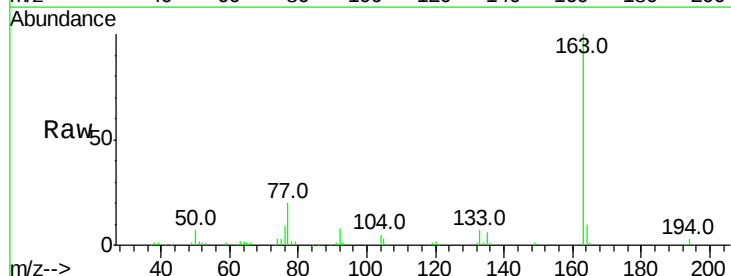
Instrument :
BNA_F
ClientSampleId :

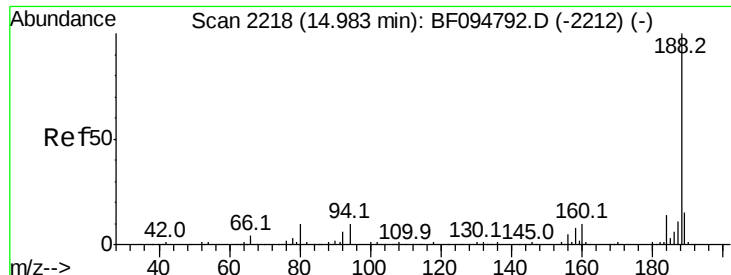
Tot Ion:172 Resp: 1330769
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 14.38 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

Tgt Ion:163 Resp: 255861
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.6 8.4 12.6

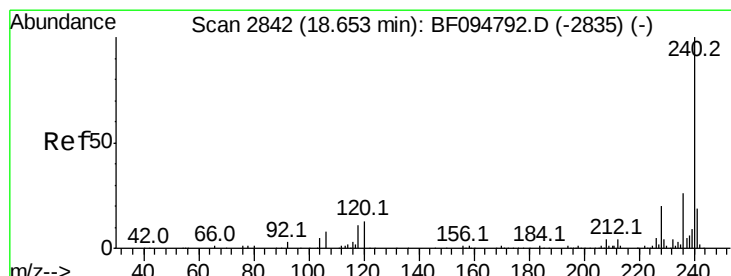
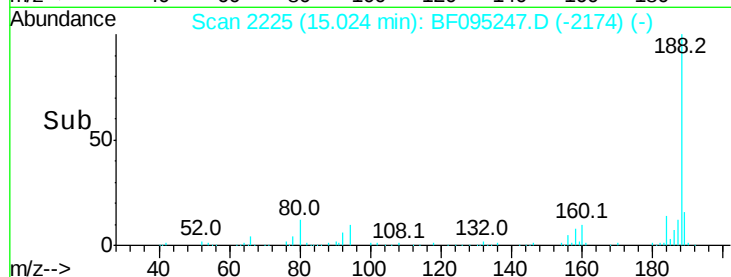
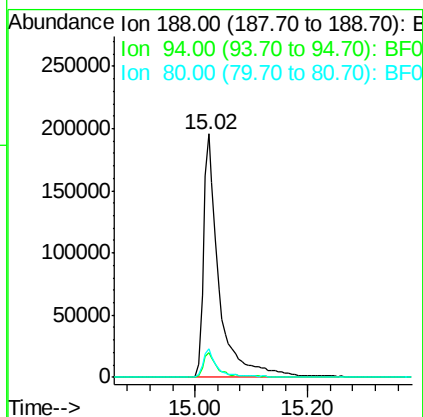
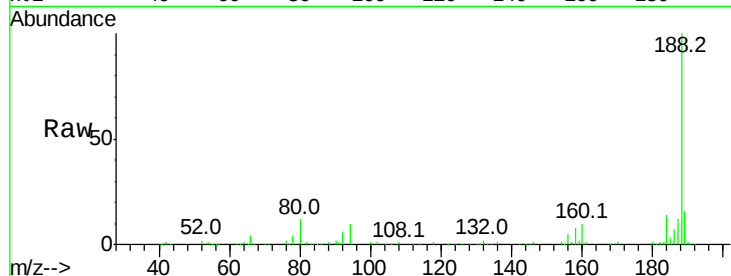




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

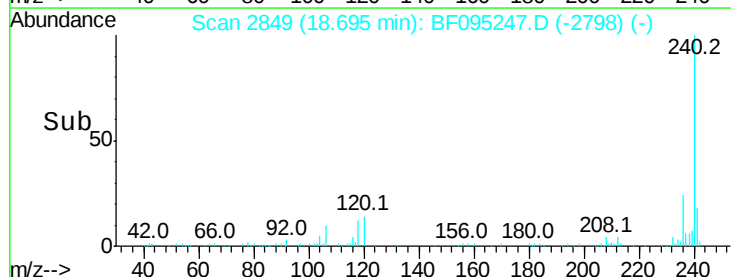
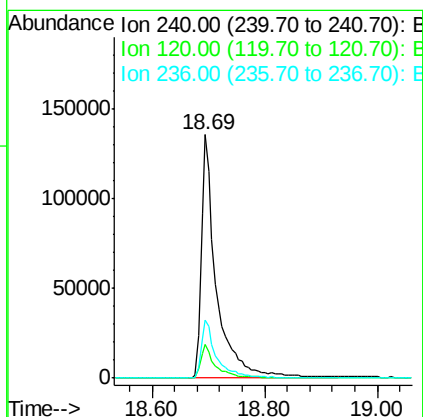
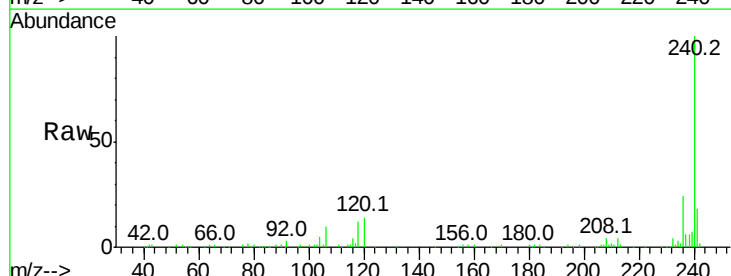
Instrument :
 BNA_F
 ClientSampled :

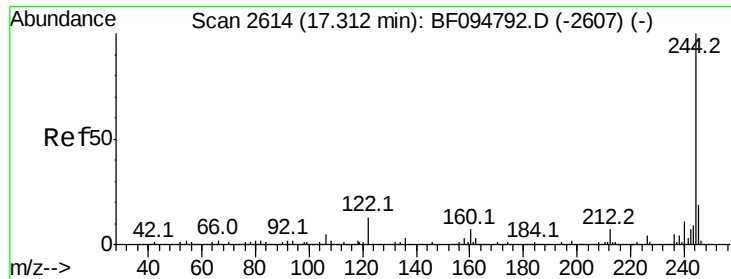
Tot Ion:188 Resp: 375558
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

Tgt Ion:240 Resp: 254438
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.0 20.5 30.7

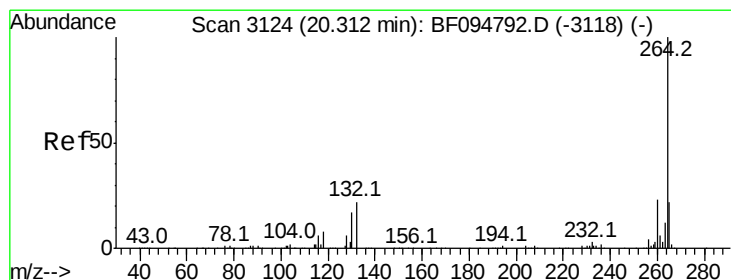
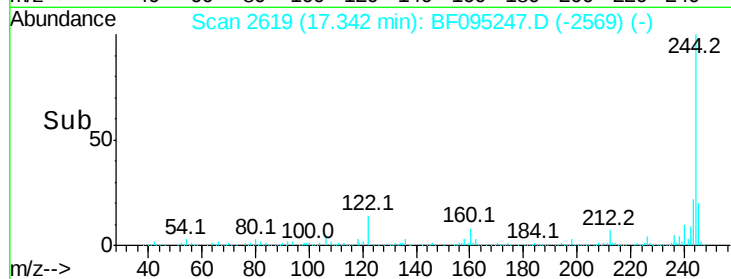
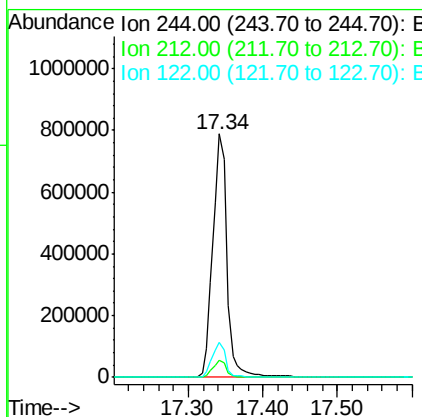
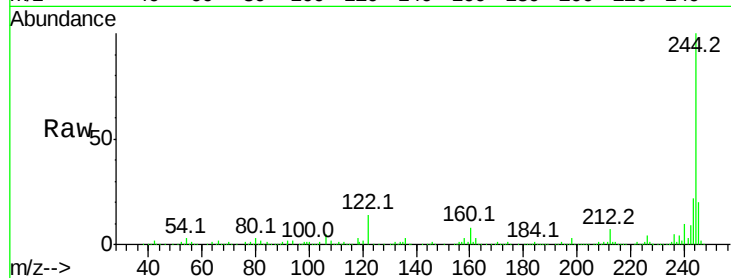




#78
 Terphenyl-d14
 Concen: 90.06 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

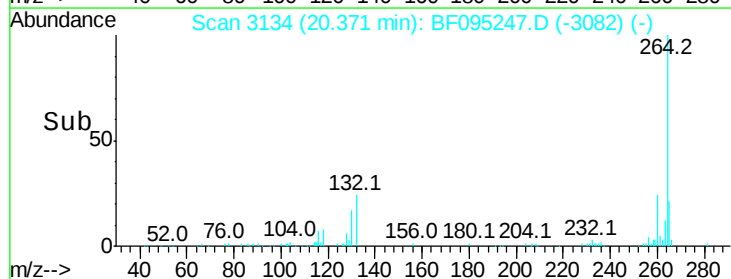
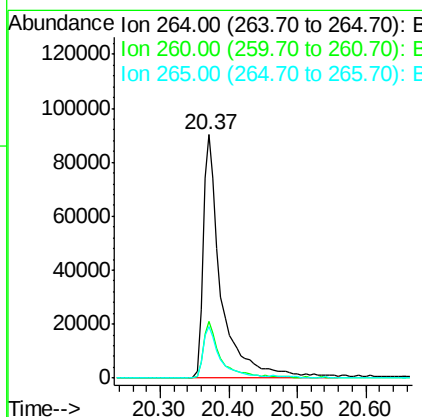
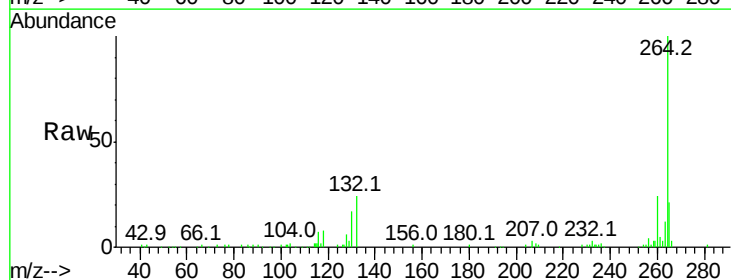
Instrument :
 BNA_F
 ClientSampled :

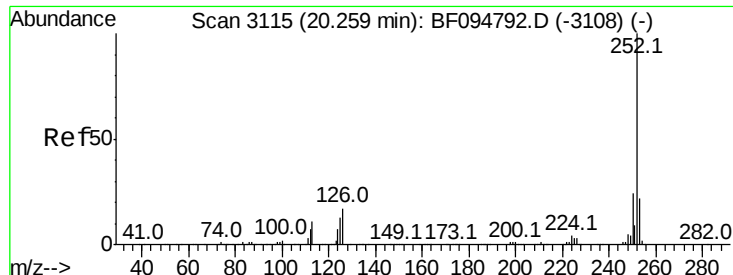
Tot Ion:244 Resp: 1040339
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

Tgt Ion:264 Resp: 168364
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.0 17.2 25.8





#89

Benzo(a)pyrene

Concen: 6.31 ng

RT: 20.41 min Scan# 3140

Delta R.T. 0.09 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

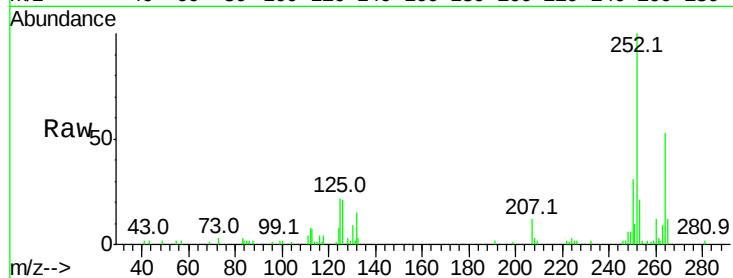
Tot Ion:252 Resp: 60554

Ion Ratio Lower Upper

252 100

253 20.8 17.5 26.3

125 21.6 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

