

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095431.D
 Acq On : 25 May 2017 19:19
 Operator : SJ/MA
 Sample : I3332-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 01:14:00 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

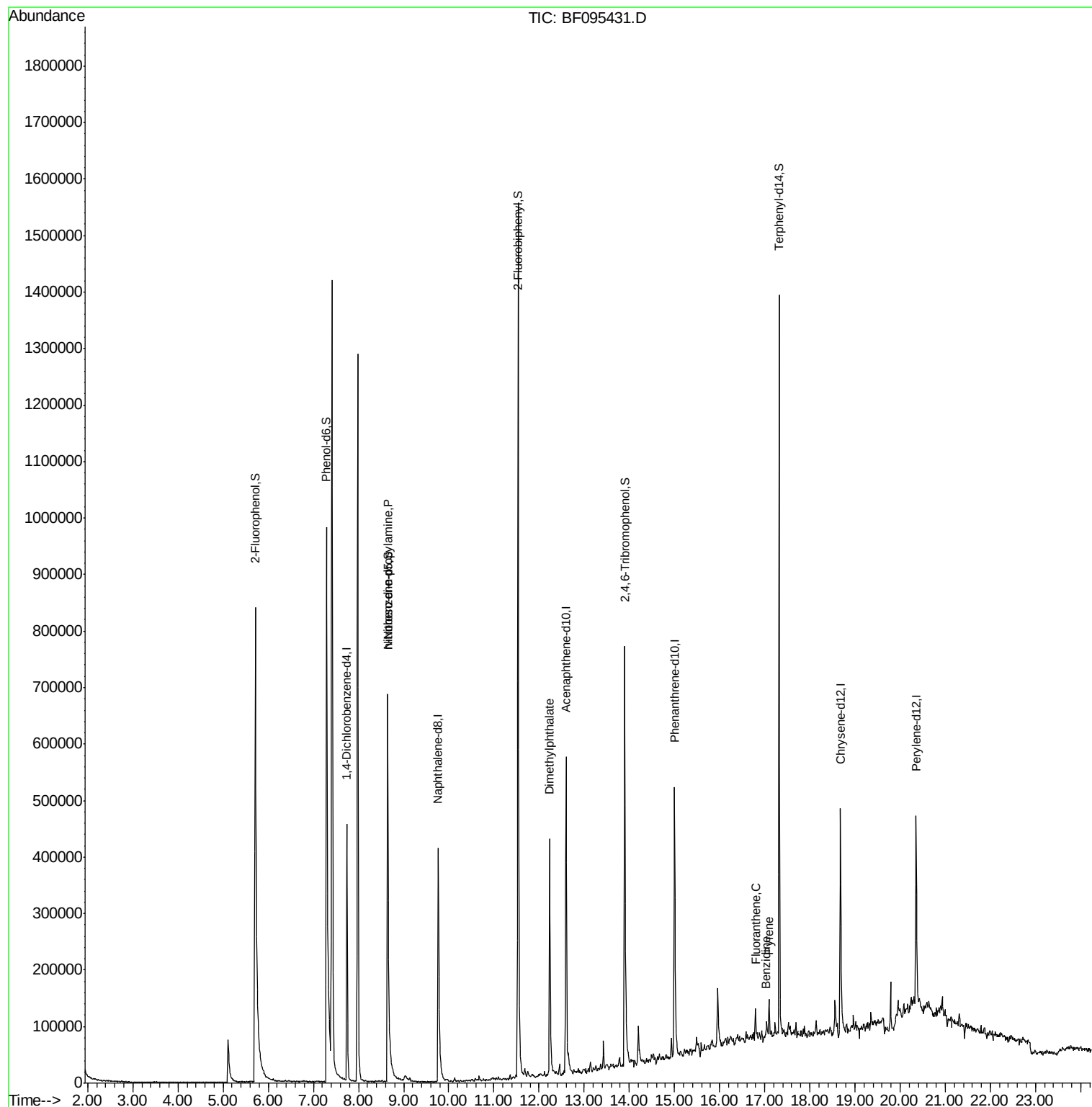
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101536	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	423405	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	185555	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	291831	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	192145	20.00	ng	-0.02
86) Perylene-d12	20.35	264	174231	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	691755	113.59	ng	-0.02
7) Phenol-d6	7.29	99	824695	112.86	ng	-0.02
23) Nitrobenzene-d5	8.65	82	475008	70.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	155872	102.57	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	835042	64.77	ng	-0.02
78) Terphenyl-d14	17.32	244	508193	58.25	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	54629	11.05	ng	# 79
49) Dimethylphthalate	12.24	163	327046	21.47	ng	98
74) Fluoranthene	16.79	202	34829	2.02	ng	95
76) Benzidine	17.02	184	131	6.61	ng	# 1
77) Pyrene	17.09	202	36331	2.53	ng	97

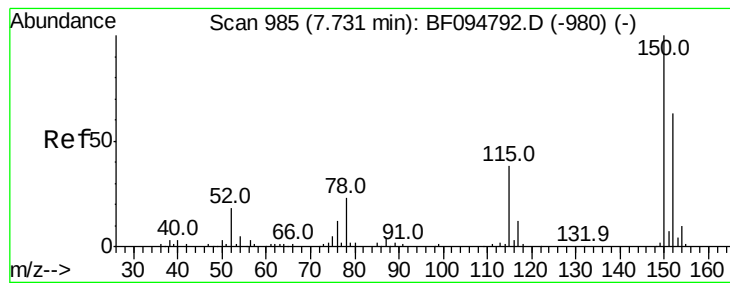
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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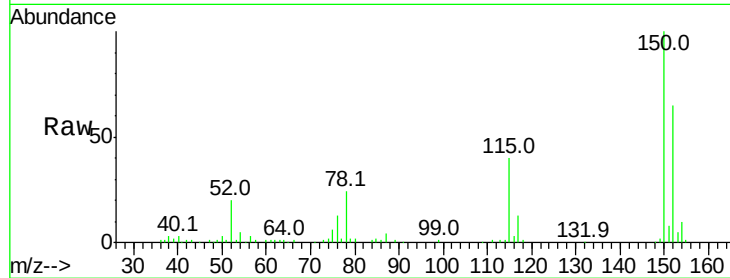


#1

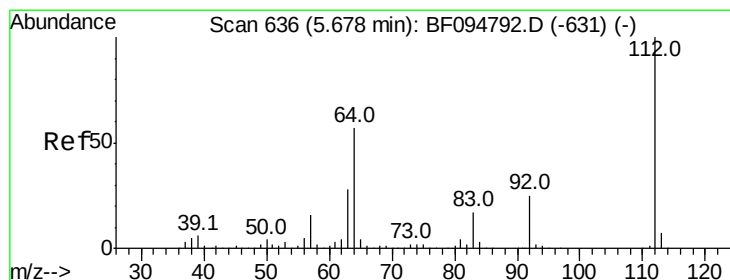
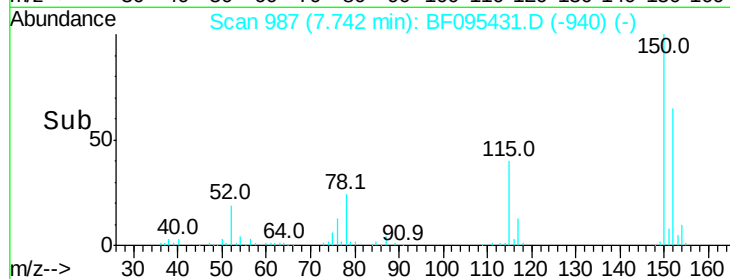
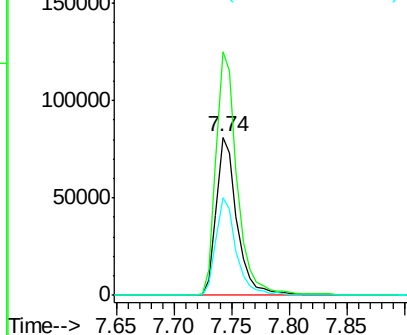
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101536
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 61.8 52.2 78.2



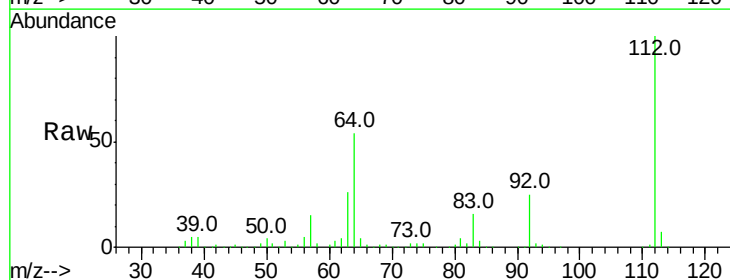
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



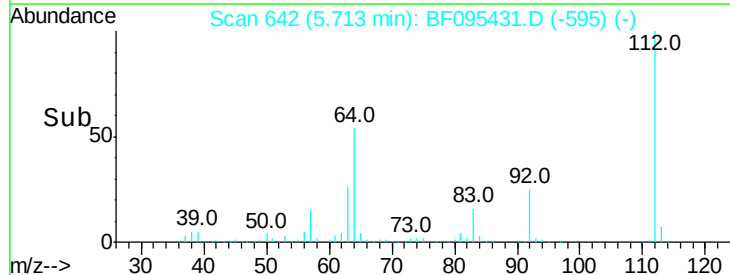
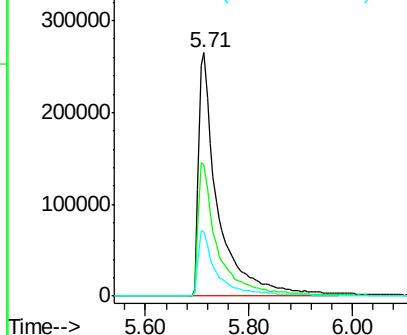
#5

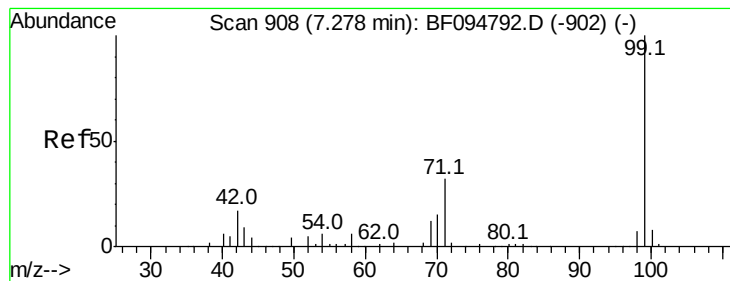
2-Fluorophenol
Concen: 113.59 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Tgt Ion:112 Resp: 691755
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 26.2 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: 112.86 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampled :

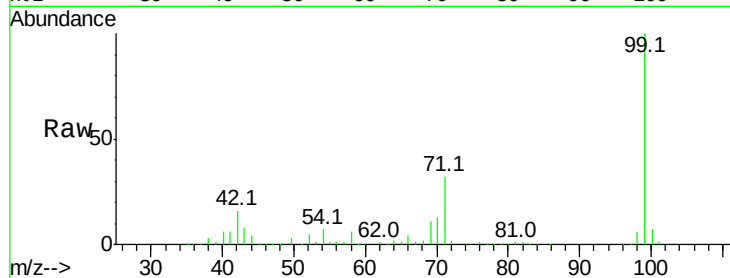
Tot Ion: 99 Resp: 824695

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

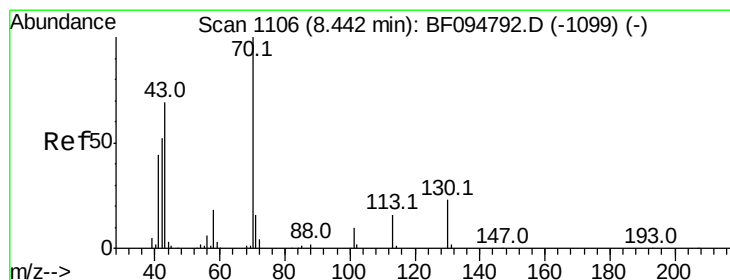
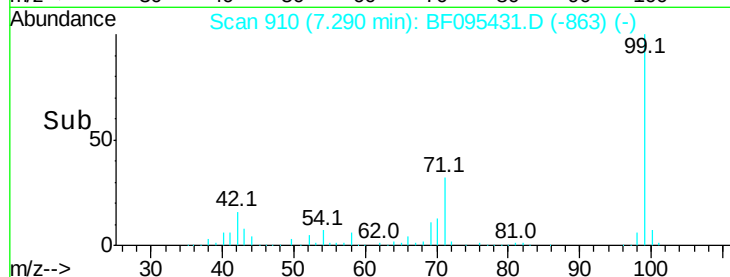
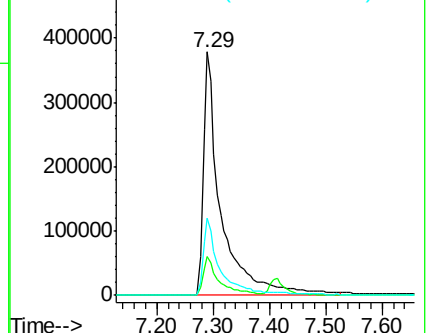
71 31.7 24.5 36.7



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: 11.05 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Tgt Ion: 70 Resp: 54629

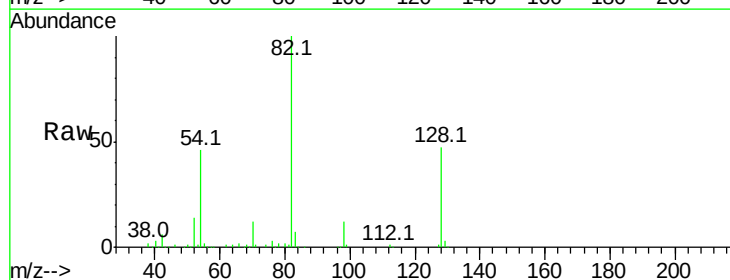
Ion Ratio Lower Upper

70 100

42 47.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

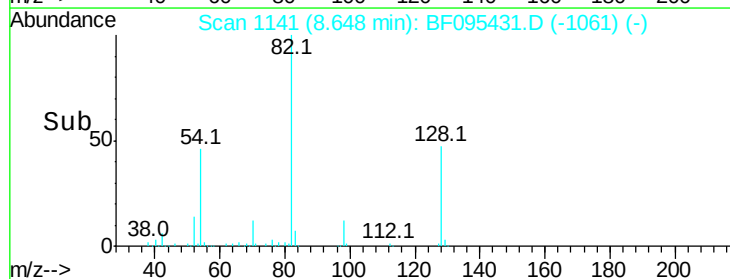
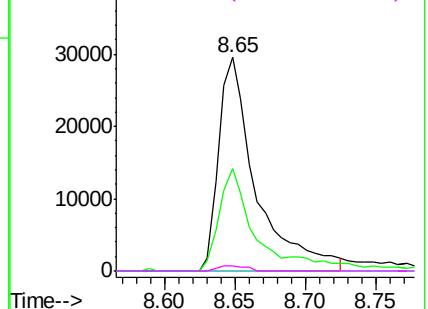


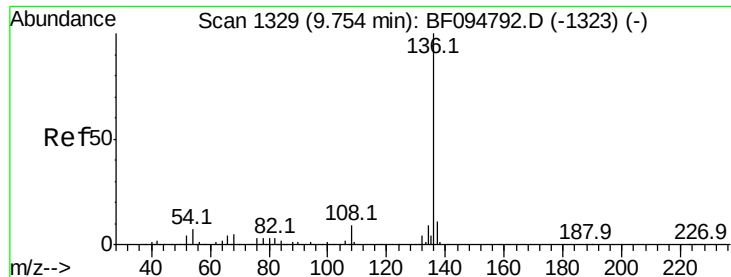
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

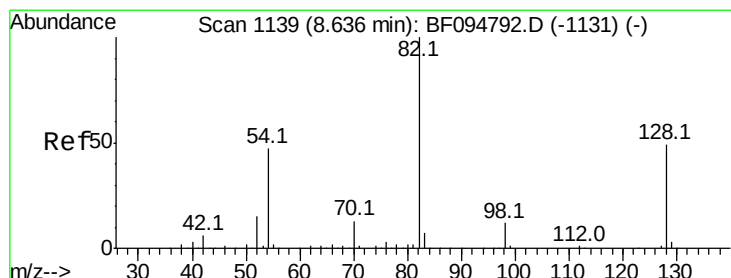
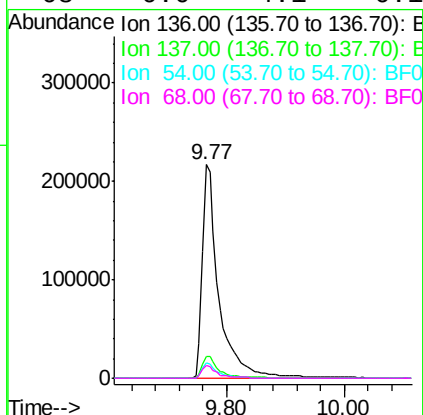
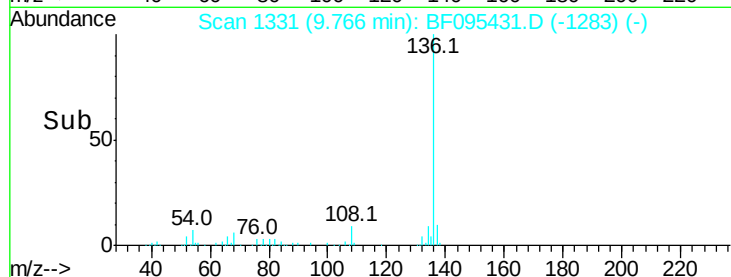
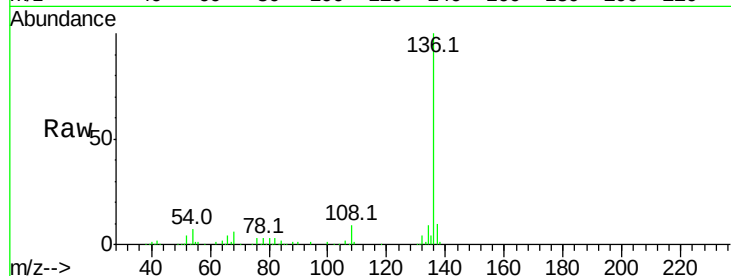




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

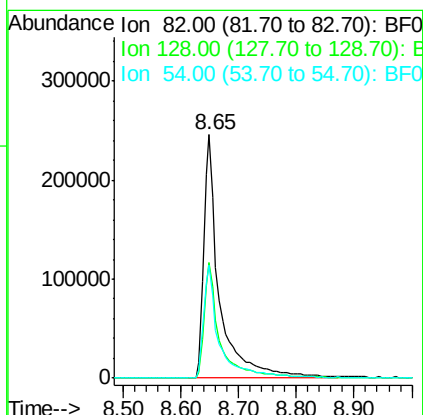
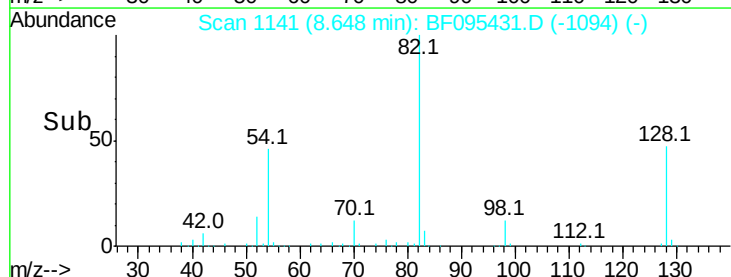
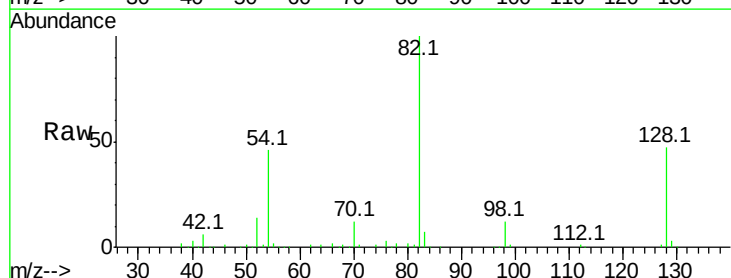
Instrument :
BNA_F
ClientSampleId :

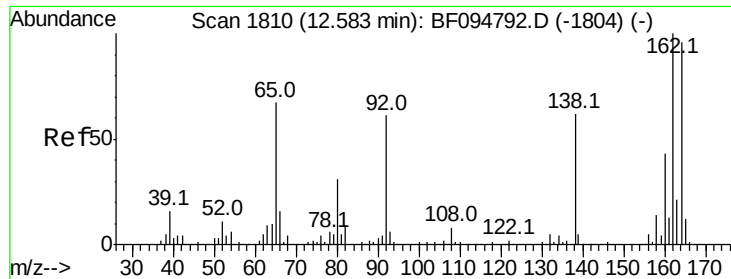
Tot Ion:136	Resp:	423405
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	7.4	4.9 7.3#
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 70.74 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Tgt Ion: 82	Resp:	475008
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.0 51.0
54	46.3	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

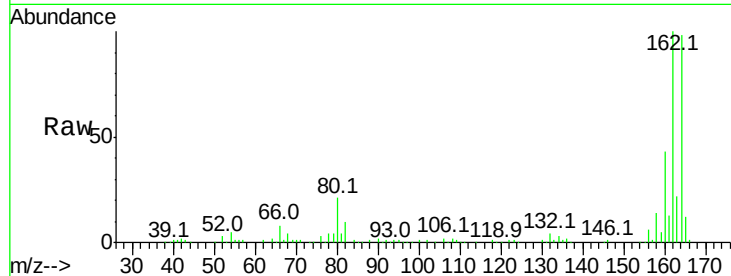
Tot Ion:164 Resp: 185555

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

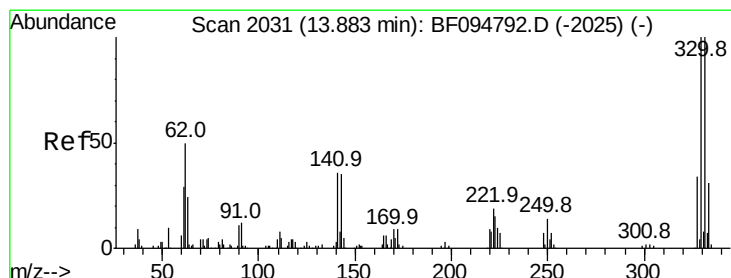
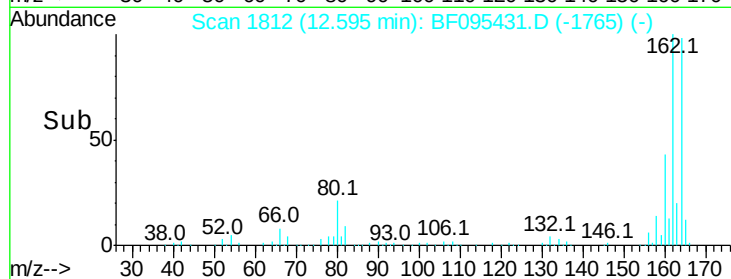
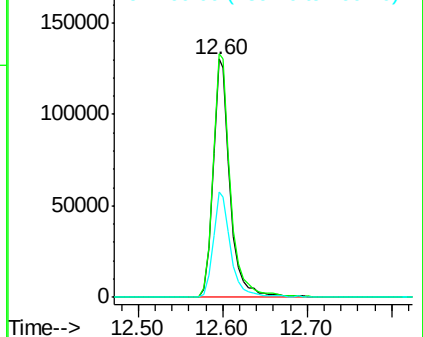
160 44.2 36.2 54.2



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: 102.57 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

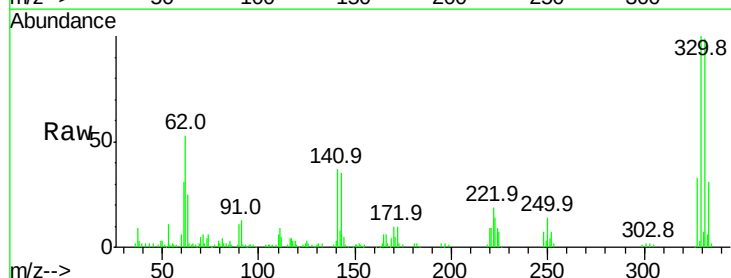
Tgt Ion:330 Resp: 155872

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

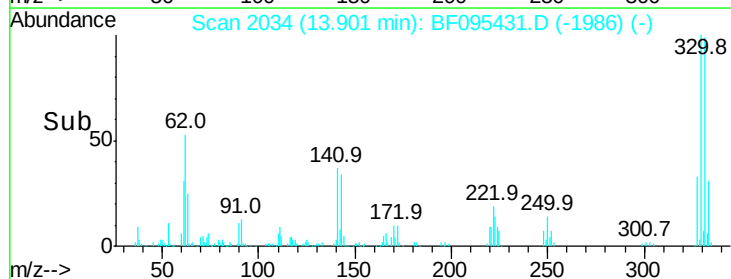
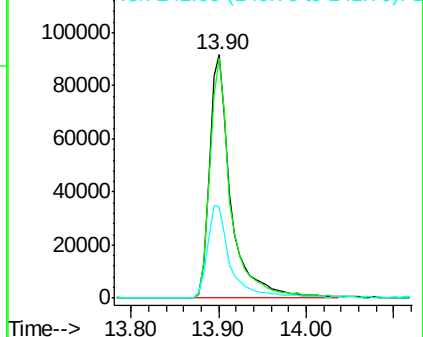
141 41.2 31.4 47.2

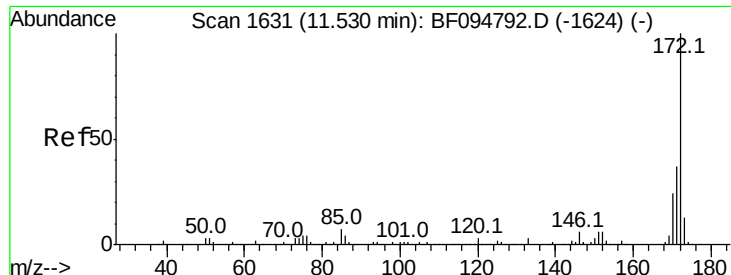


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

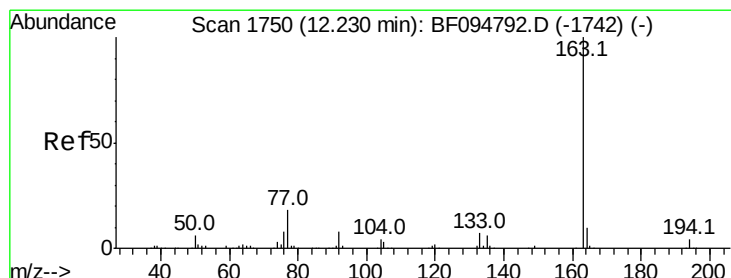
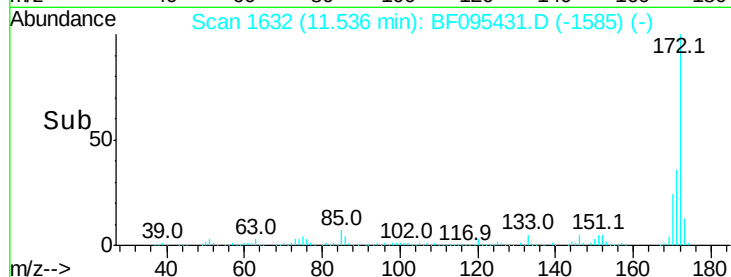
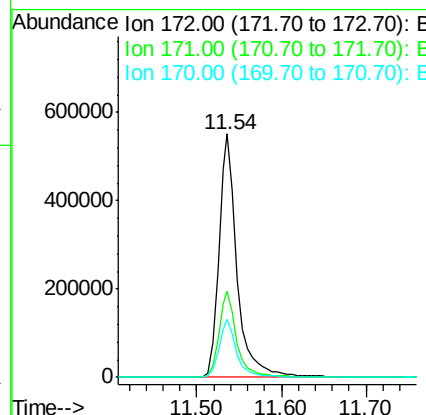
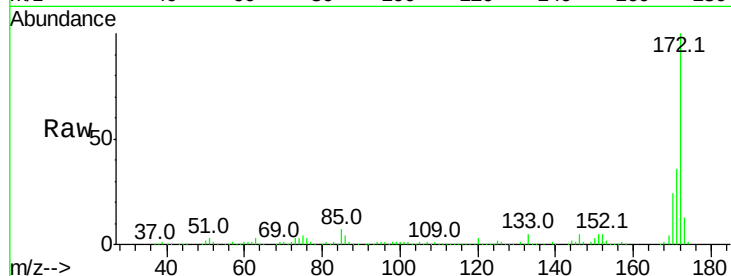




#44
 2-Fluorobiphenyl
 Concen: 64.77 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095431.D
 Acq: 25 May 2017 19:19

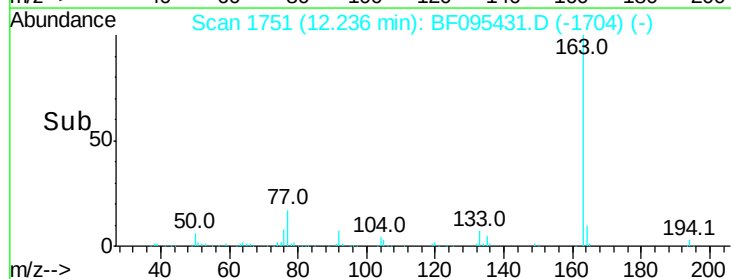
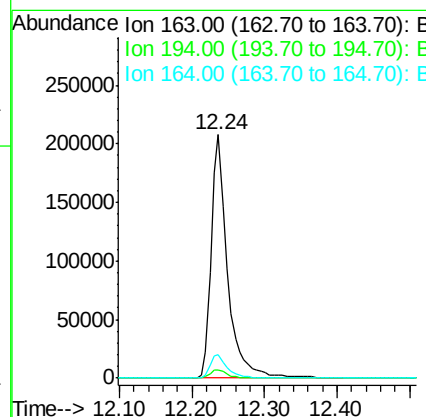
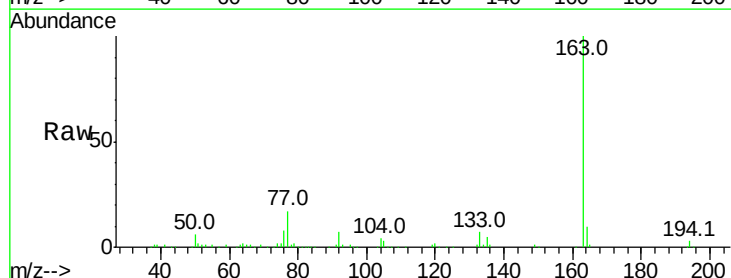
Instrument :
 BNA_F
 ClientSampleId :

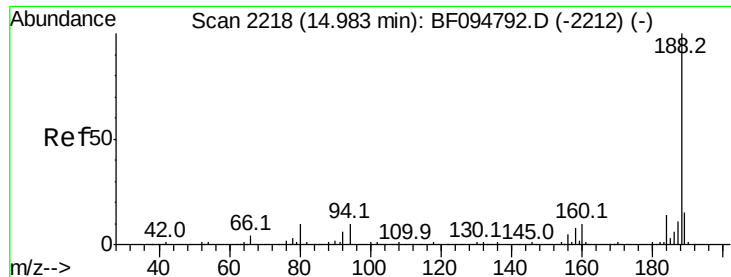
Tot Ion:172 Resp: 835042
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.6 19.8 29.8



#49
 Dimethylphthalate
 Concen: 21.47 ng
 RT: 12.24 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BF095431.D
 Acq: 25 May 2017 19:19

Tgt Ion:163 Resp: 327046
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

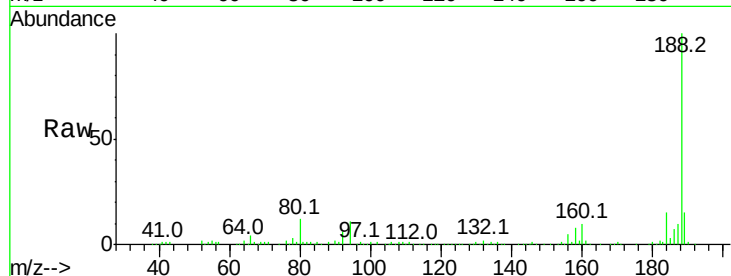
Tot Ion:188 Resp: 291831

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

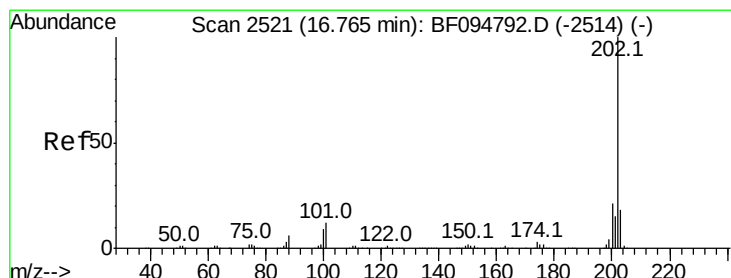
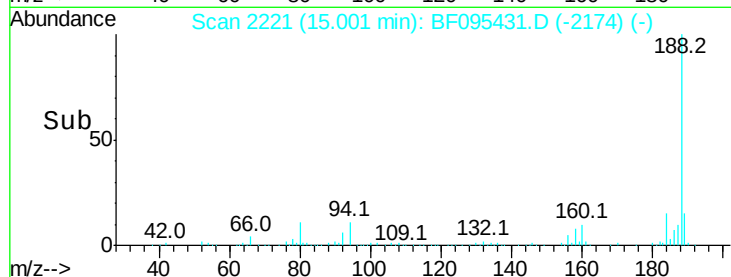
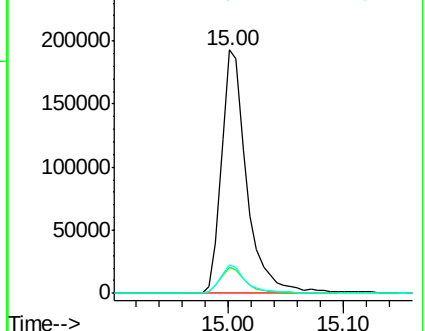
80 11.6 10.2 15.2



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



#74

Fluoranthene

Concen: 2.02 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

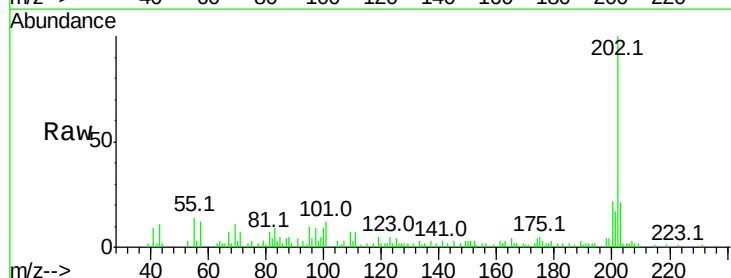
Tgt Ion:202 Resp: 34829

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

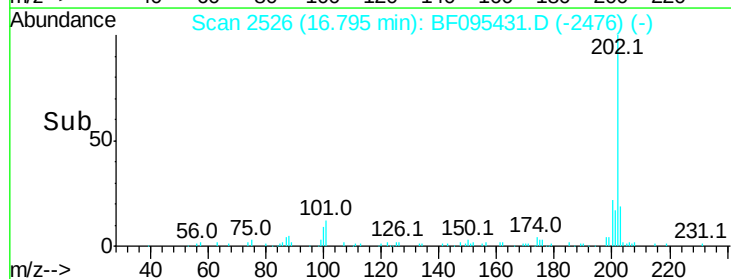
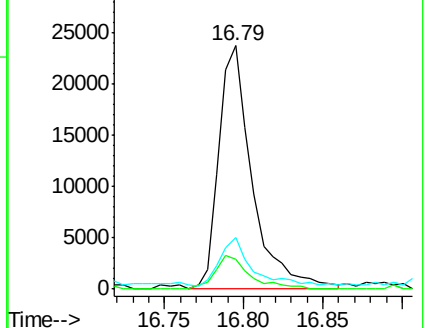
203 21.2 0.0 38.1

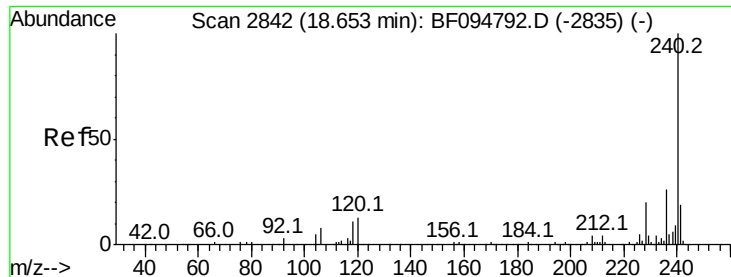


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

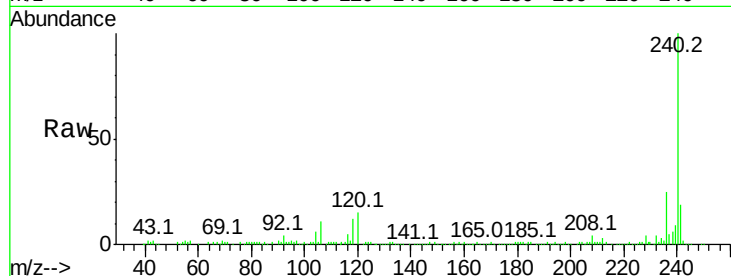
Tot Ion:240 Resp: 192145

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

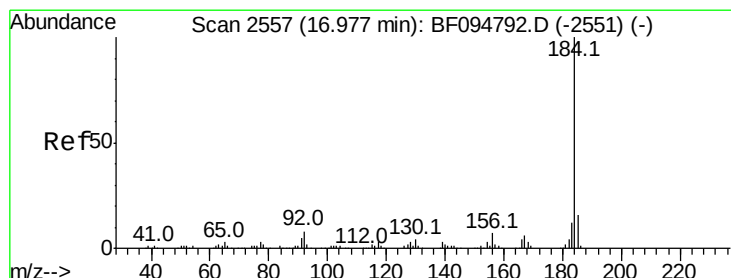
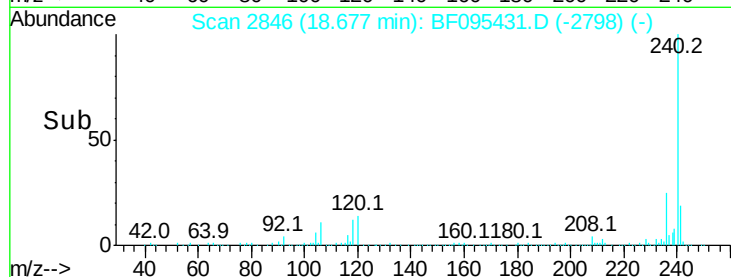
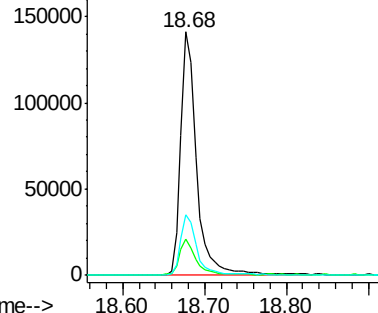
236 25.1 20.5 30.7



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



#76

Benzidine

Concen: 6.61 ng

RT: 17.02 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

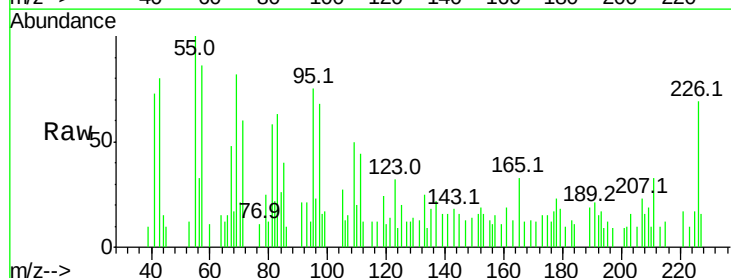
Tgt Ion:184 Resp: 131

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

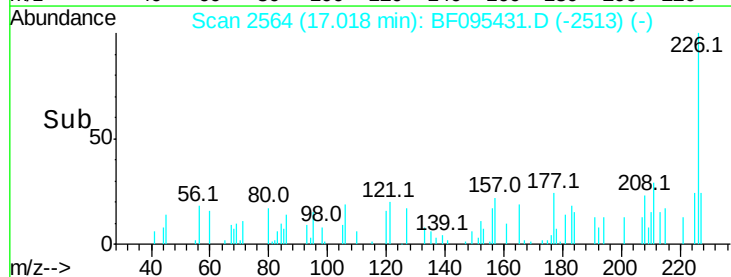
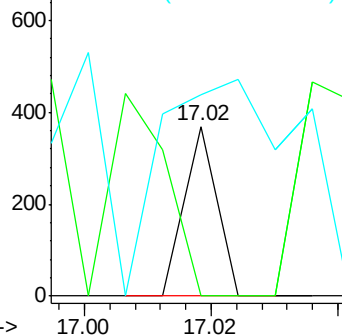
183 118.4 9.8 14.6#

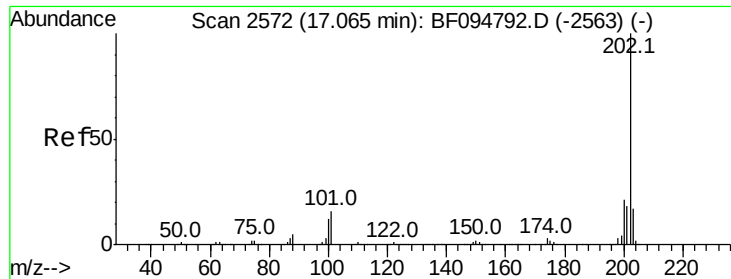


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.53 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

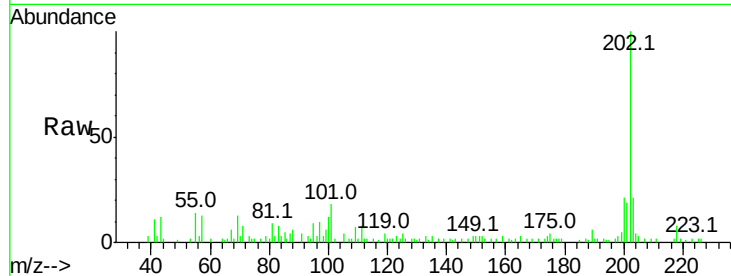
Tot Ion:202 Resp: 36331

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

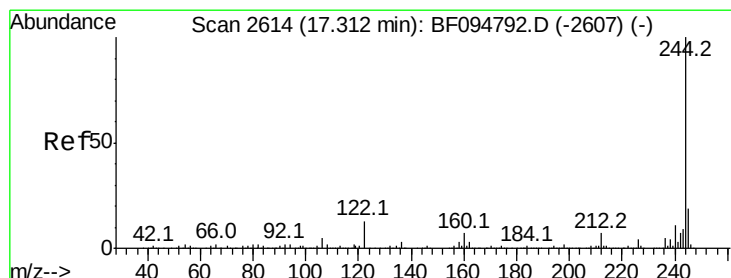
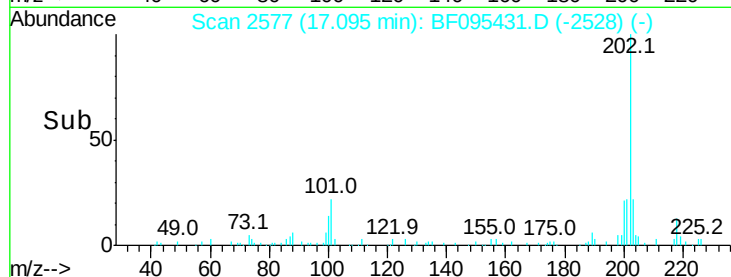
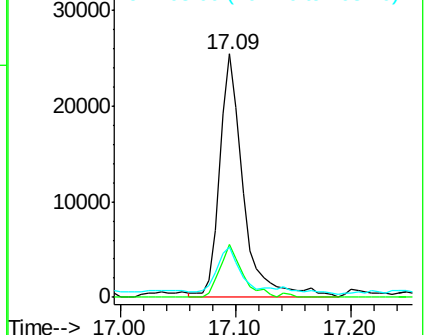
203 20.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.25 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

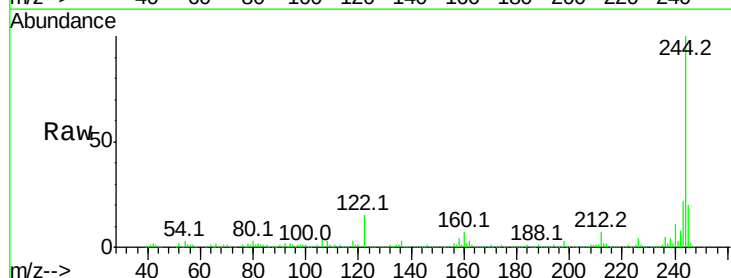
Tgt Ion:244 Resp: 508193

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

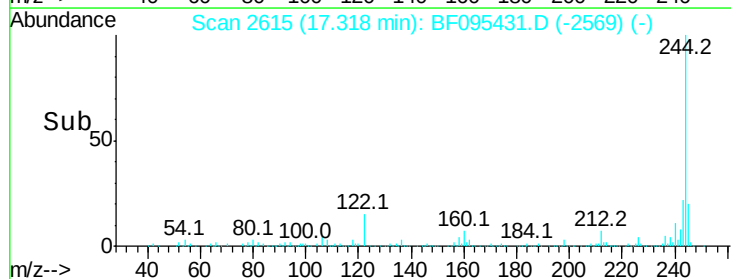
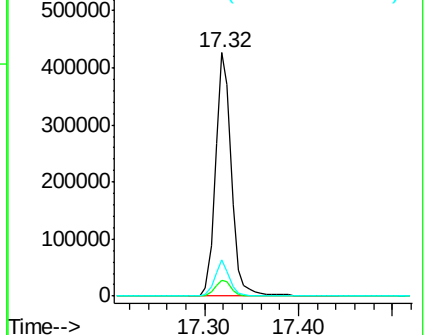
122 14.7 10.3 15.5

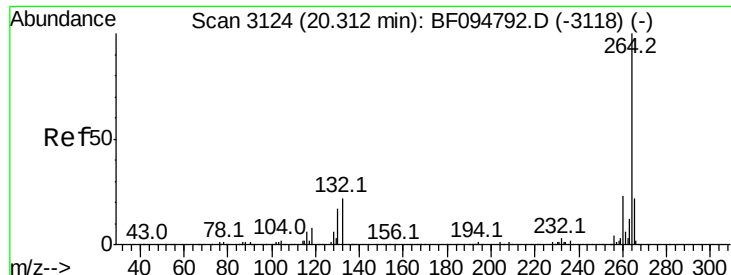


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

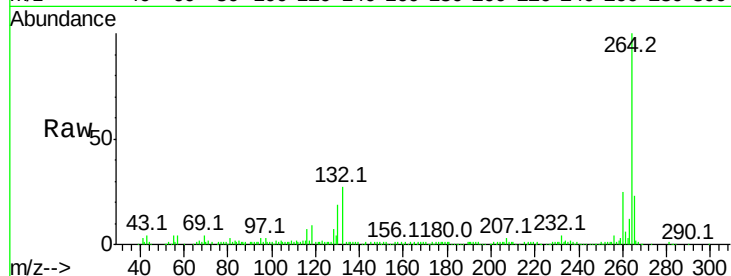




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	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

