

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095408.D
 Acq On : 25 May 2017 5:05
 Operator : SJ/MA
 Sample : I3317-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 08:14:44 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

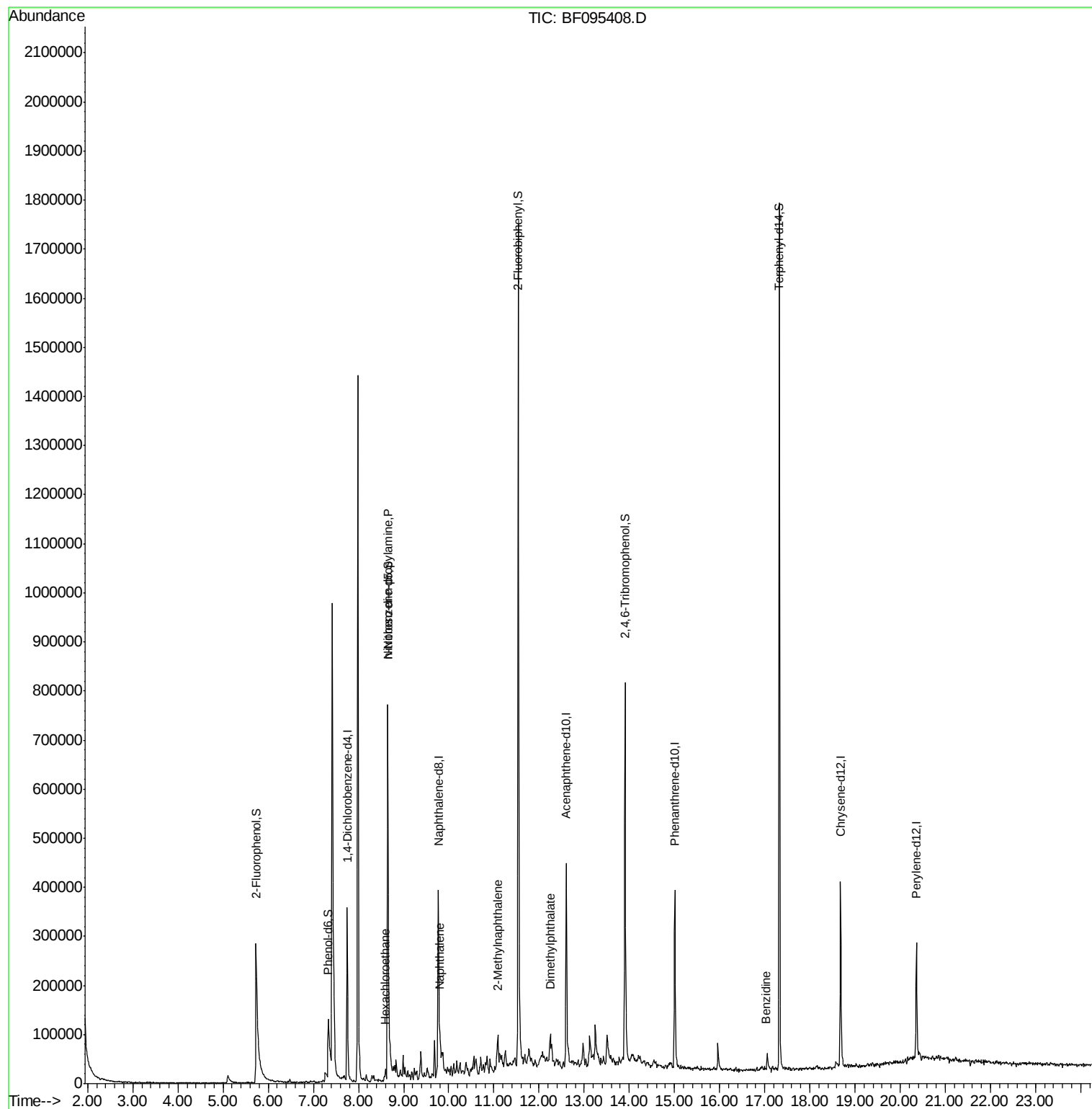
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83151	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	312234	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	120905	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	203360	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	181274	20.00	ng	-0.01
86) Perylene-d12	20.36	264	118791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	294027	58.95	ng	0.00
7) Phenol-d6	7.33	99	204662	34.20	ng	0.02
23) Nitrobenzene-d5	8.65	82	461832	93.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	135292	136.63	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	907391	108.02	ng	-0.02
78) Terphenyl-d14	17.32	244	712792	86.61	ng	-0.02
Target Compounds						
18) Hexachloroethane	8.60	117	7976	3.61	ng	# 1
19) n-Nitroso-di-n-propylamine	8.65	70	53439	13.20	ng	# 75
31) Naphthalene	9.81	128	37356	2.38	ng	# 95
37) 2-Methylnaphthalene	11.09	142	22251	2.16	ng	# 93
49) Dimethylphthalate	12.24	163	33490	3.37	ng	# 94
76) Benzidine	17.03	184	124	6.61	ng	# 1

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

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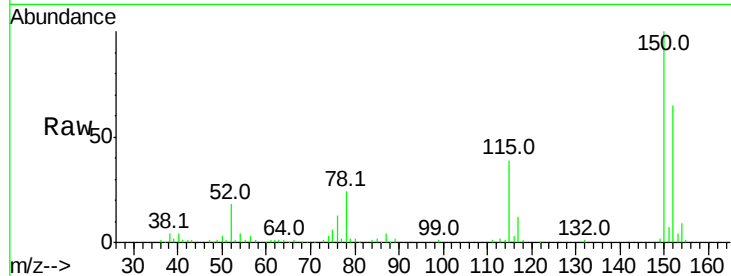


#1

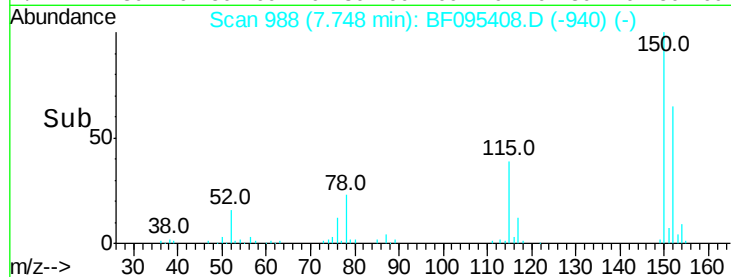
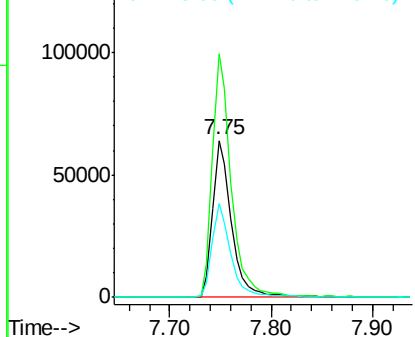
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 83151
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 59.8 52.2 78.2



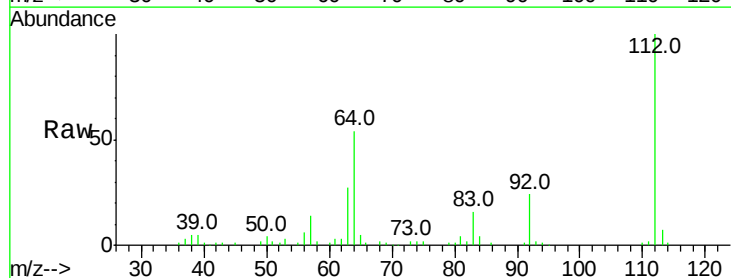
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



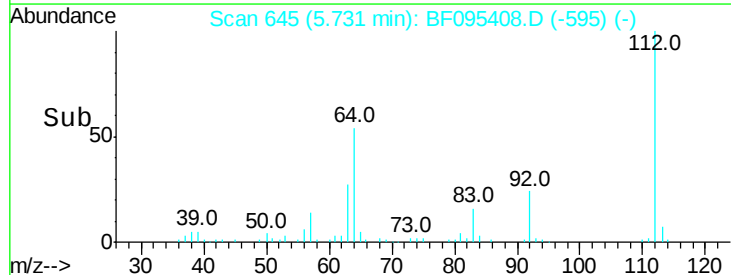
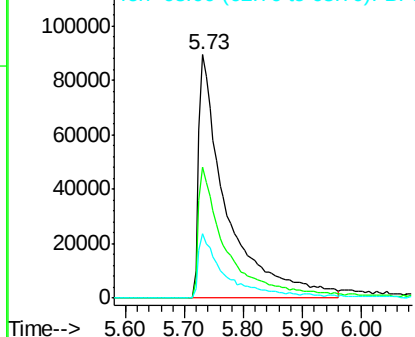
#5

2-Fluorophenol
Concen: 58.95 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Tgt Ion:112 Resp: 294027
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.6 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: 34.20 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

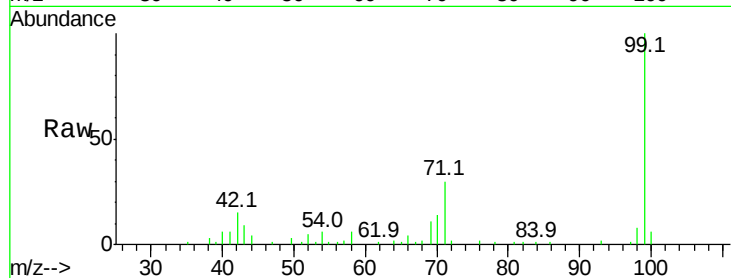
Tot Ion: 99 Resp: 204662

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

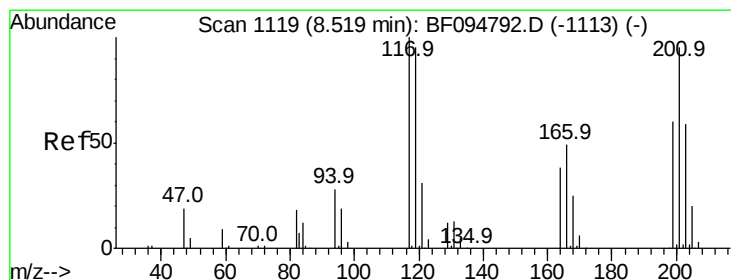
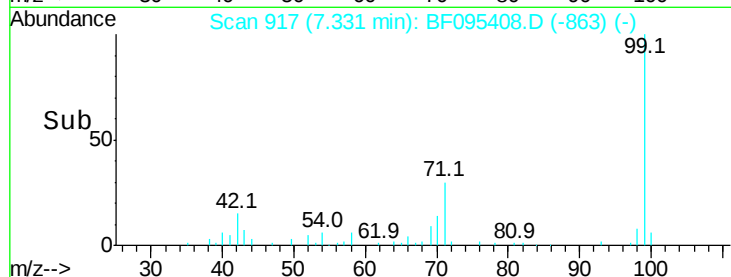
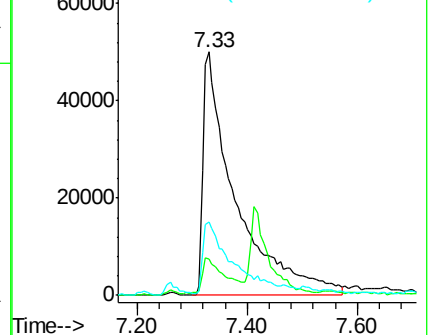
71 30.1 24.5 36.7



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



#18

Hexachloroethane

Concen: 3.61 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.05 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

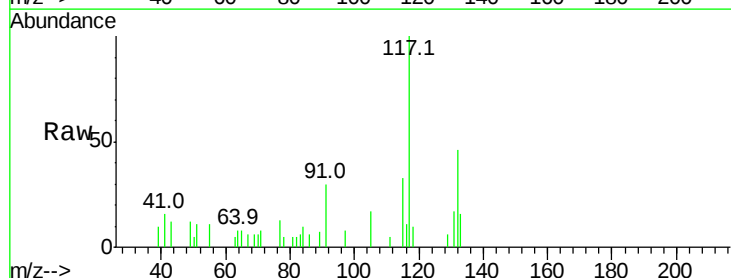
Tgt Ion: 117 Resp: 7976

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

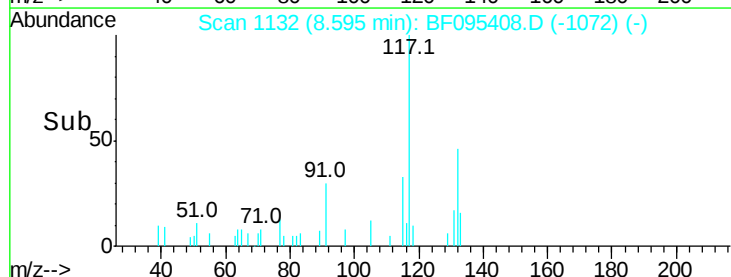
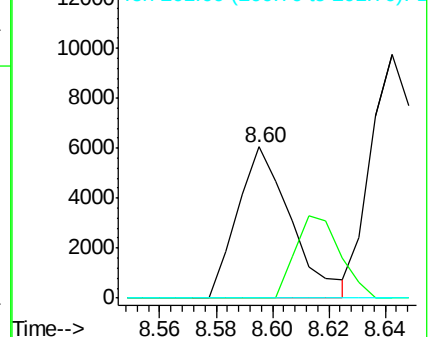
201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.20 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 53439

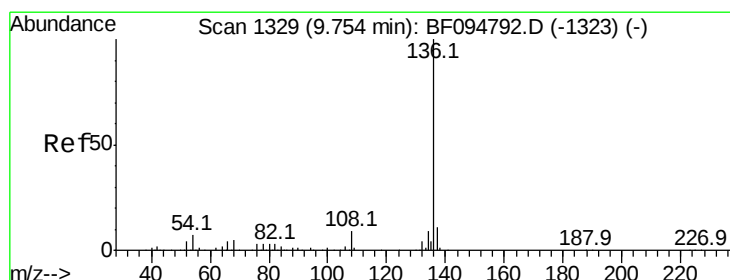
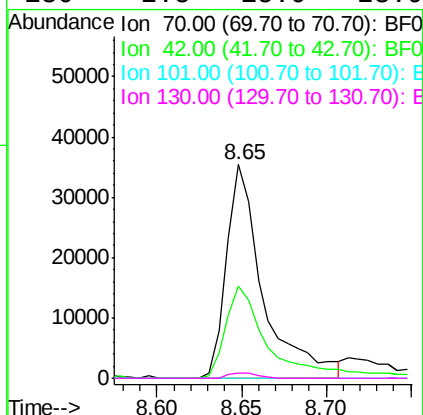
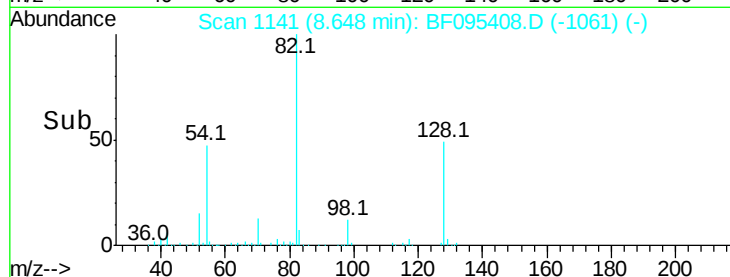
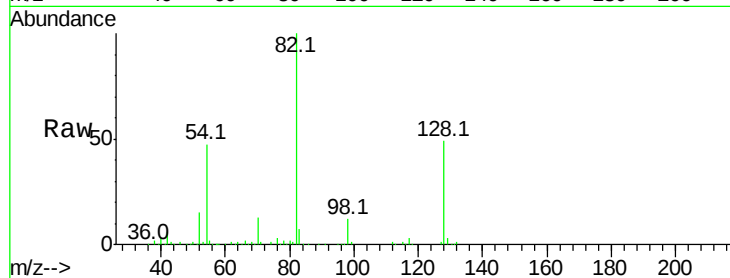
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Tgt Ion: 136 Resp: 312234

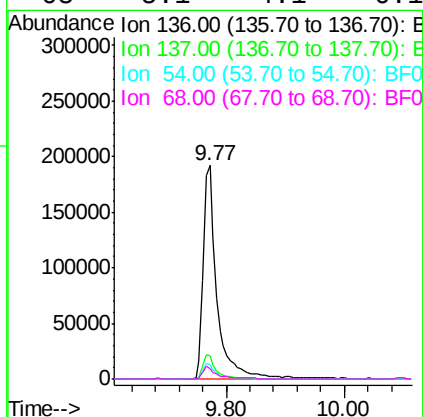
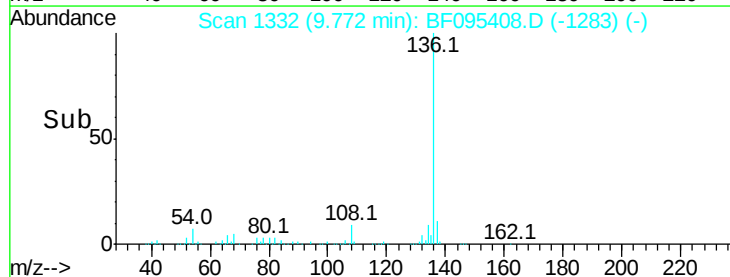
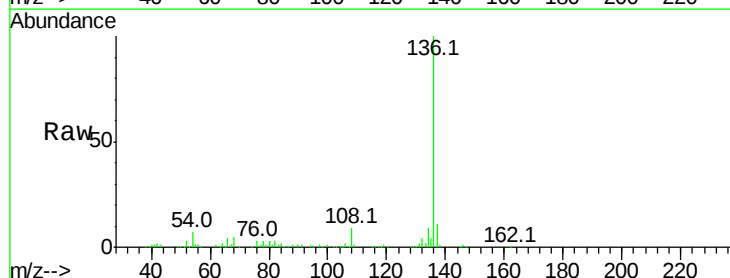
Ion Ratio Lower Upper

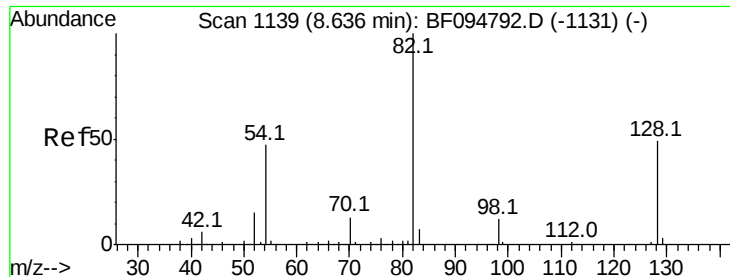
136 100

137 10.6 8.5 12.7

54 6.7 4.9 7.3

68 5.1 4.1 6.1

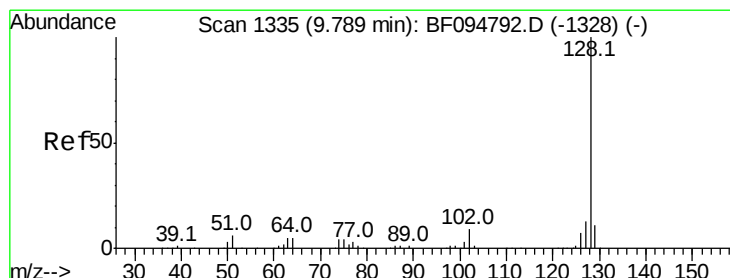
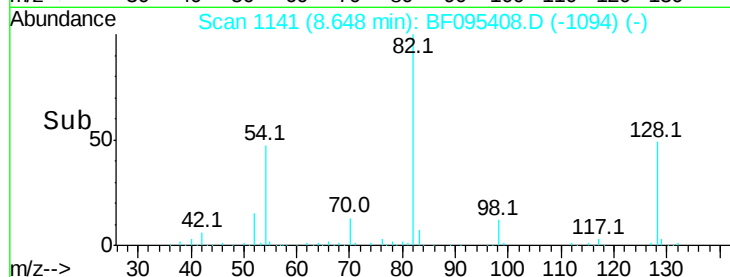
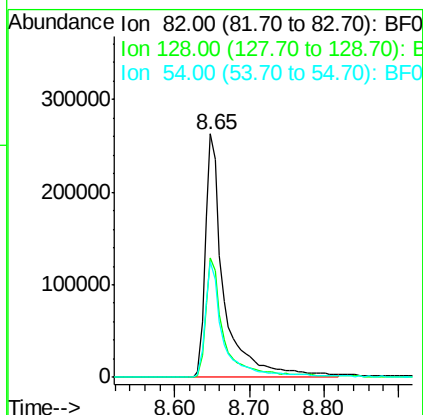
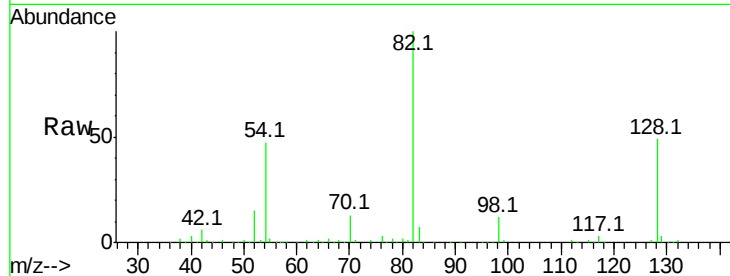




#23
 Nitrobenzene-d5
 Concen: 93.27 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

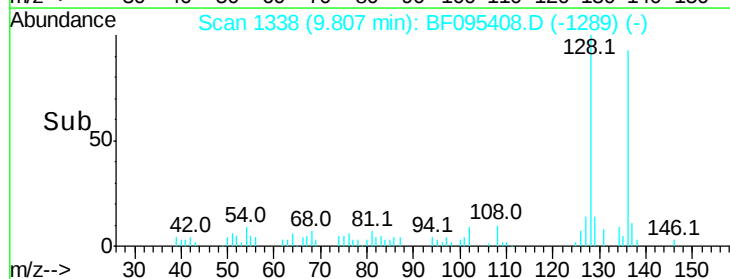
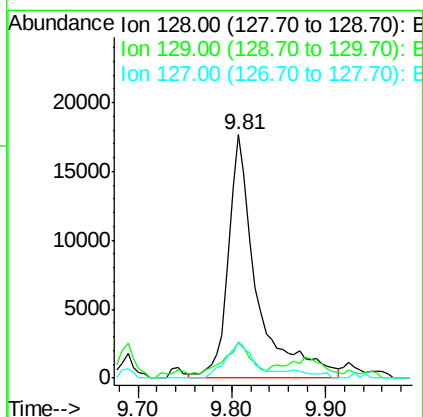
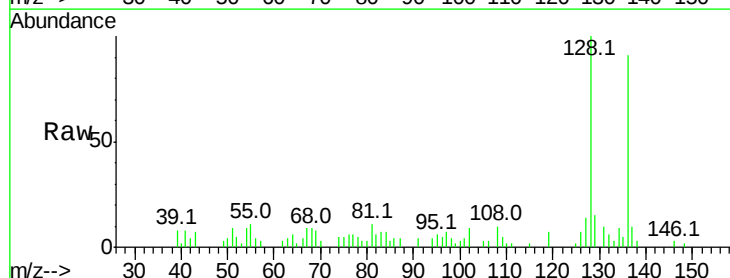
Instrument :
 BNA_F
 ClientSampleId :

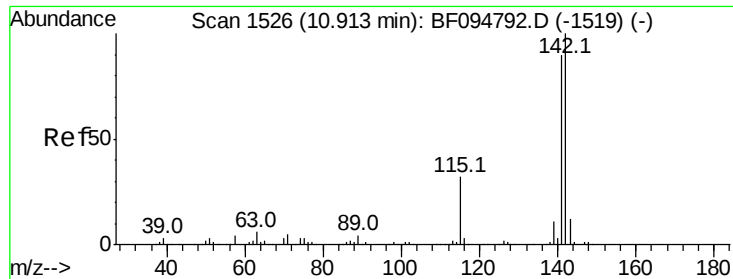
Tot Ion: 82 Resp: 461832
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 47.3 42.2 63.2



#31
 Naphthalene
 Concen: 2.38 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

Tgt Ion: 128 Resp: 37356
 Ion Ratio Lower Upper
 128 100
 129 15.0 9.0 13.6#
 127 14.2 10.8 16.2

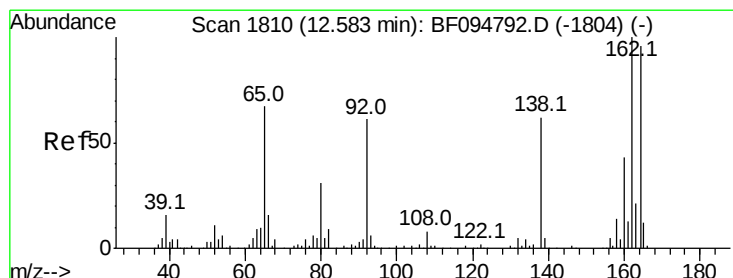
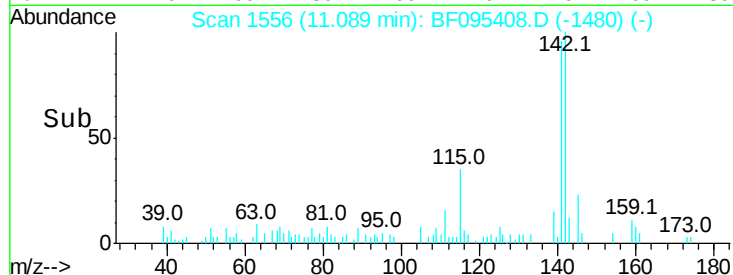
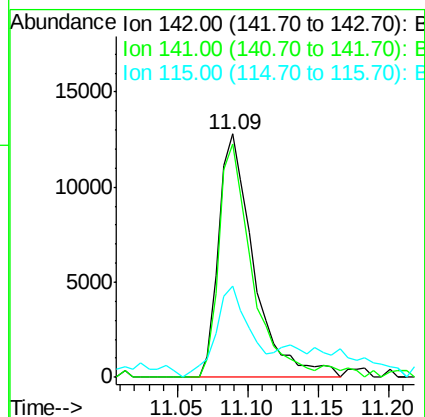
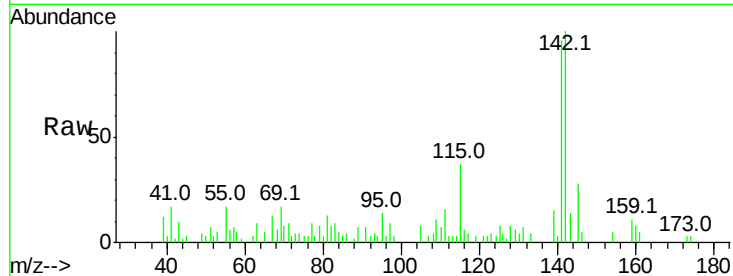




#37
 2-Methylnaphthalene
 Concen: 2.16 ng
 RT: 11.09 min Scan# 1556
 Delta R.T. 0.15 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

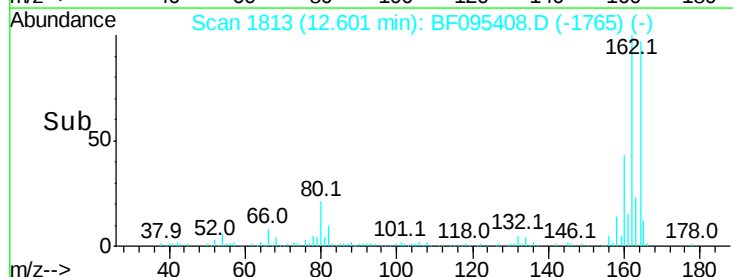
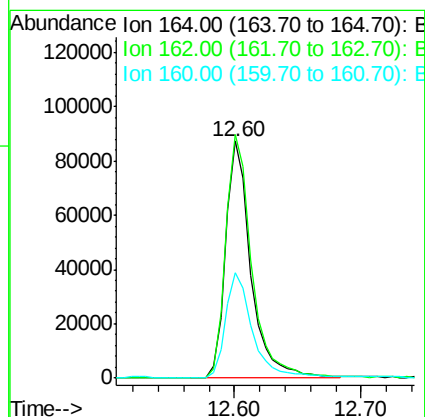
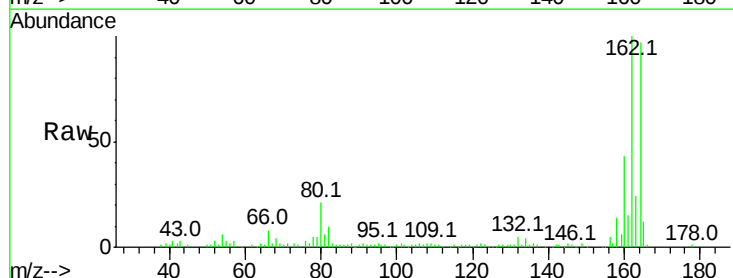
Instrument :
 BNA_F
 ClientSampleId :

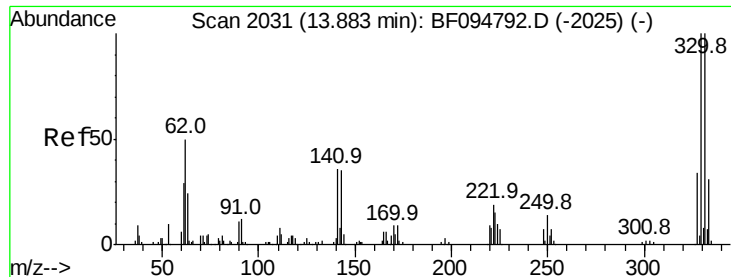
Tot Ion:142 Resp: 22251
 Ion Ratio Lower Upper
 142 100
 141 95.7 71.3 106.9
 115 37.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

Tgt Ion:164 Resp: 120905
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.5 36.2 54.2

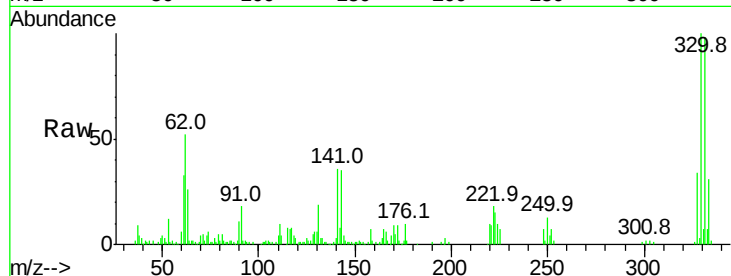




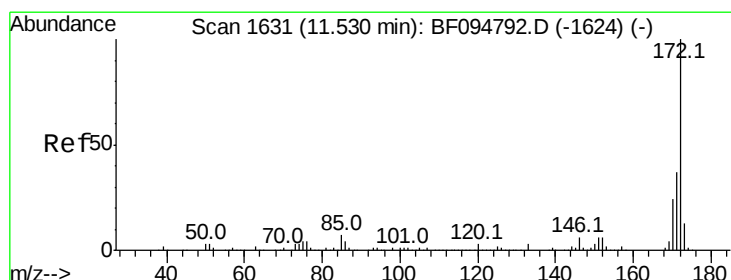
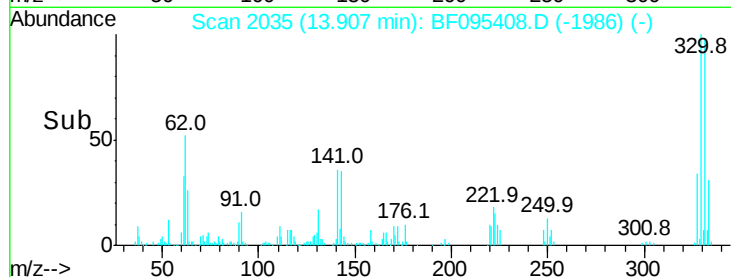
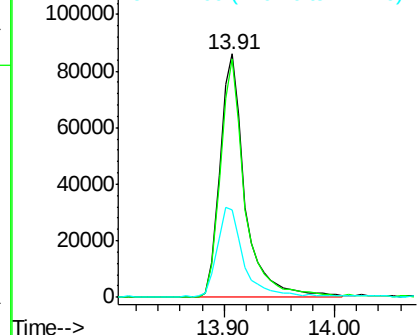
#41
 2,4,6-Tribromophenol
 Concen: 136.63 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.3	31.4	47.2

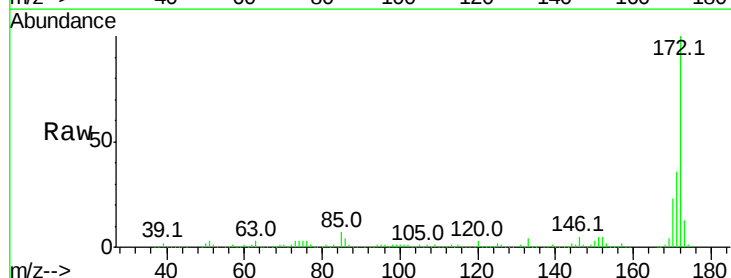


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

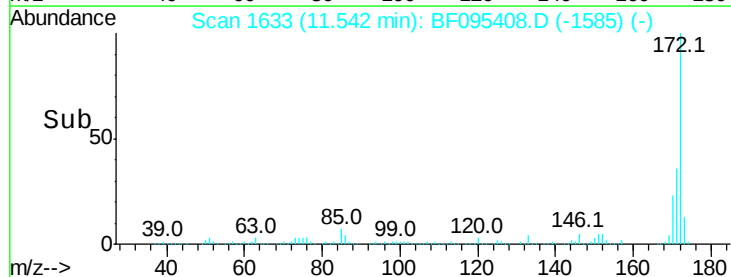
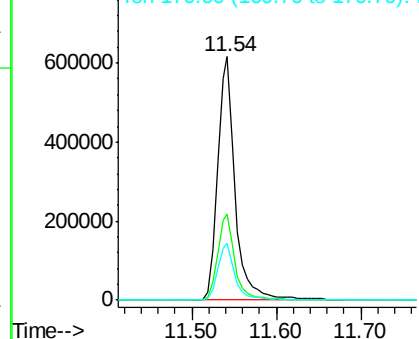


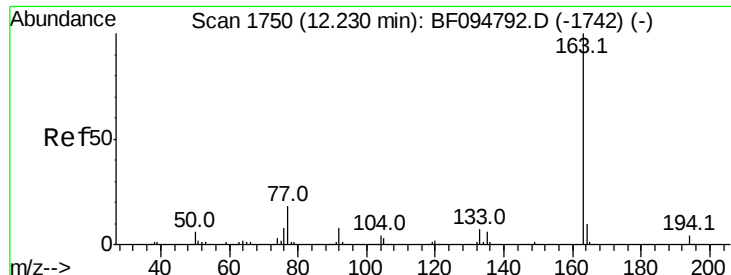
#44
 2-Fluorobiphenyl
 Concen: 108.02 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	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





#49

Dimethylphthalate

Concen: 3.37 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampled :

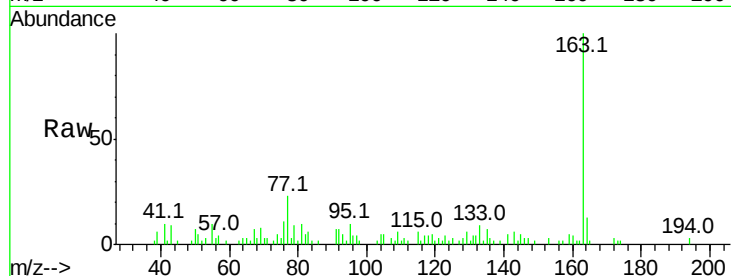
Tot Ion:163 Resp: 33490

Ion Ratio Lower Upper

163 100

194 2.6 2.6 4.0#

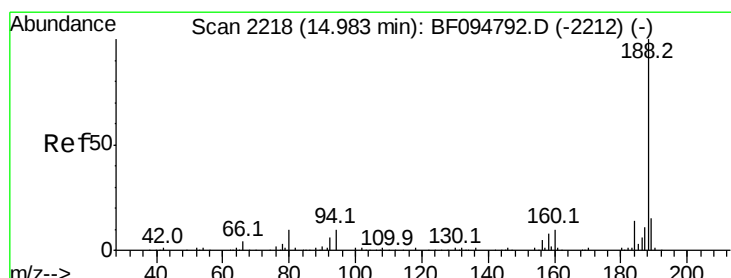
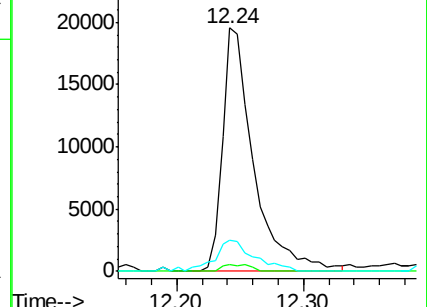
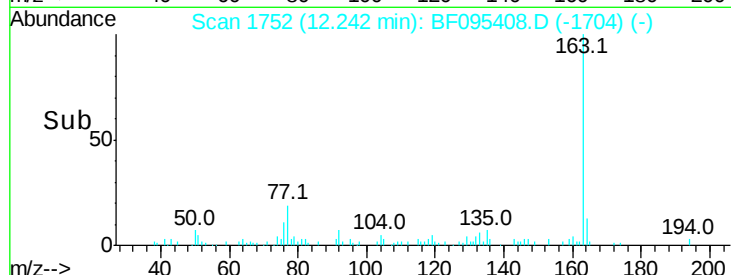
164 13.0 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

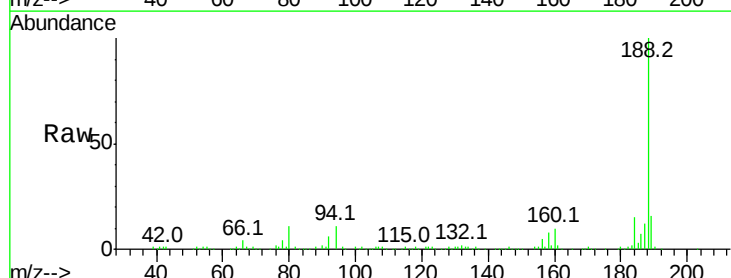
Tgt Ion:188 Resp: 203360

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

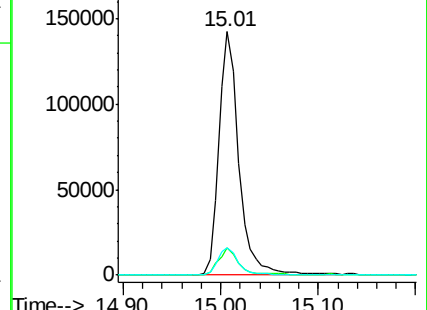
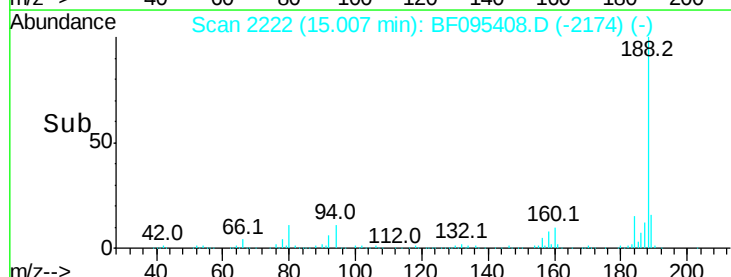
80 11.4 10.2 15.2

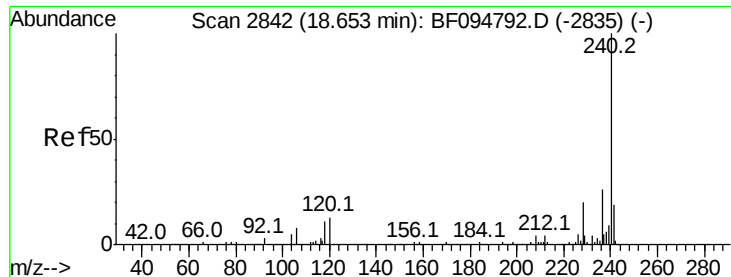


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

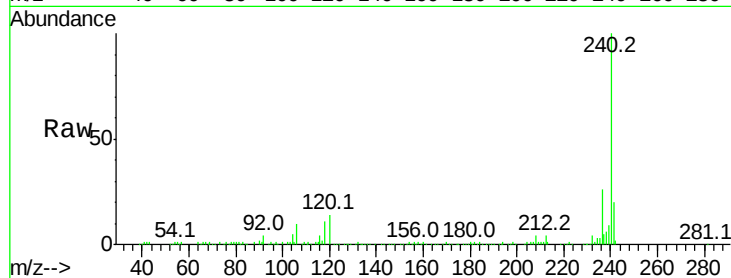
Tot Ion:240 Resp: 181274

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

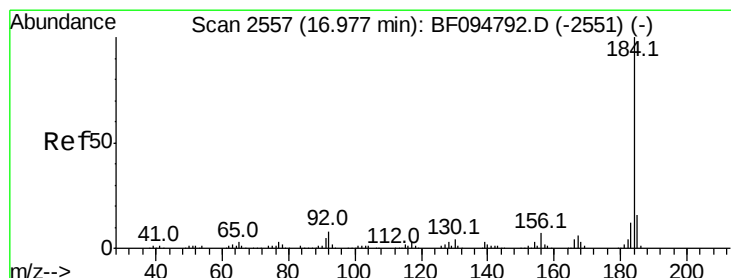
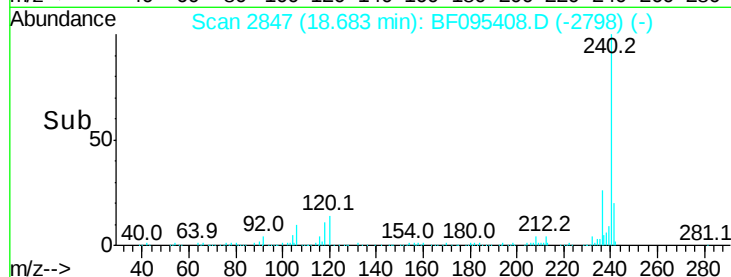
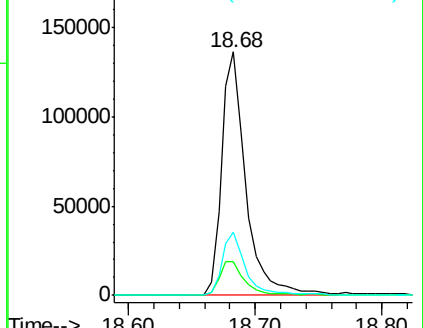
236 26.0 20.5 30.7



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: 17.03 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

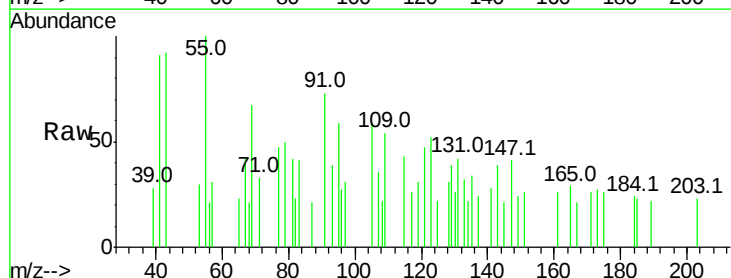
Tgt Ion:184 Resp: 124

Ion Ratio Lower Upper

184 100

185 95.5 15.5 23.3#

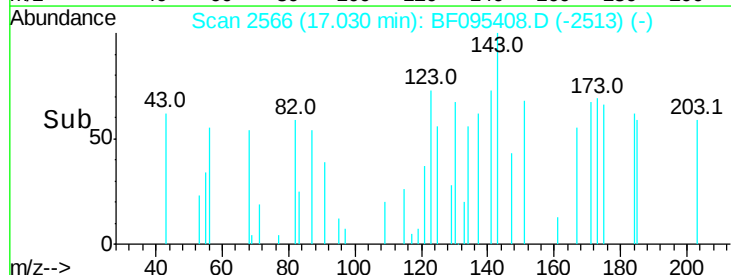
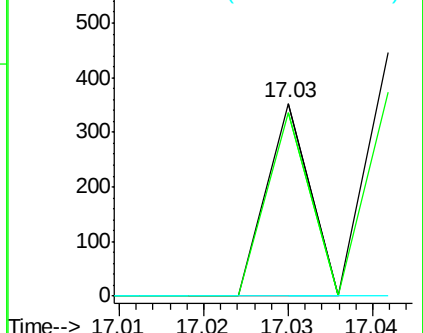
183 0.0 9.8 14.6#



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

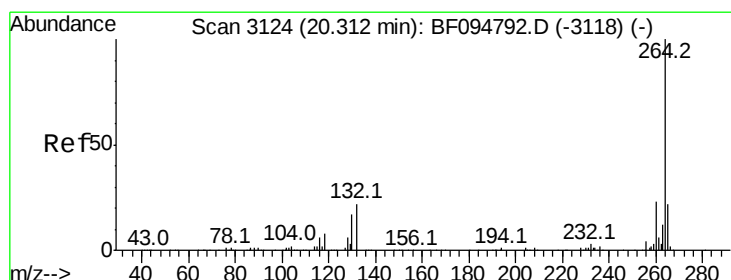
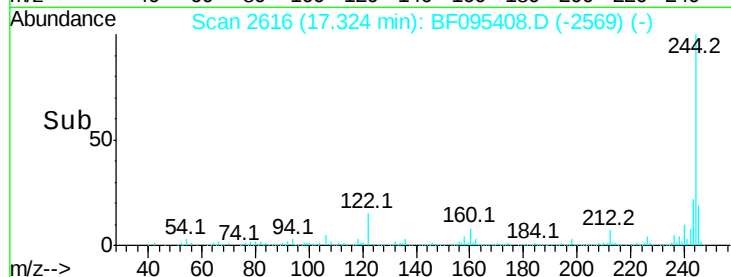
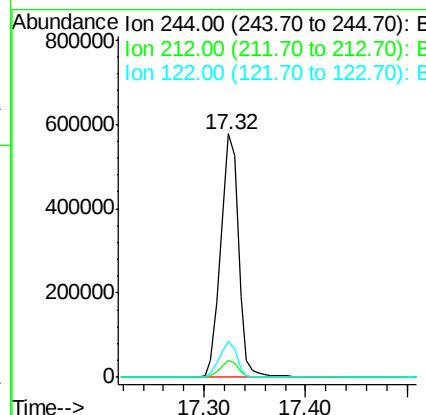
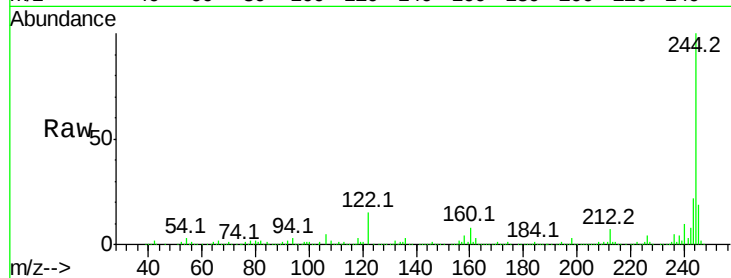




#78
 Terphenyl-d14
 Concen: 86.61 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 712792
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095408.D
 Acq: 25 May 2017 5:05

Tgt Ion:264 Resp: 118791
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 21.6 17.2 25.8

