

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095113.D
 Acq On : 12 May 2017 15:49
 Operator : SJ/MA
 Sample : I3100-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 18:00:00 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

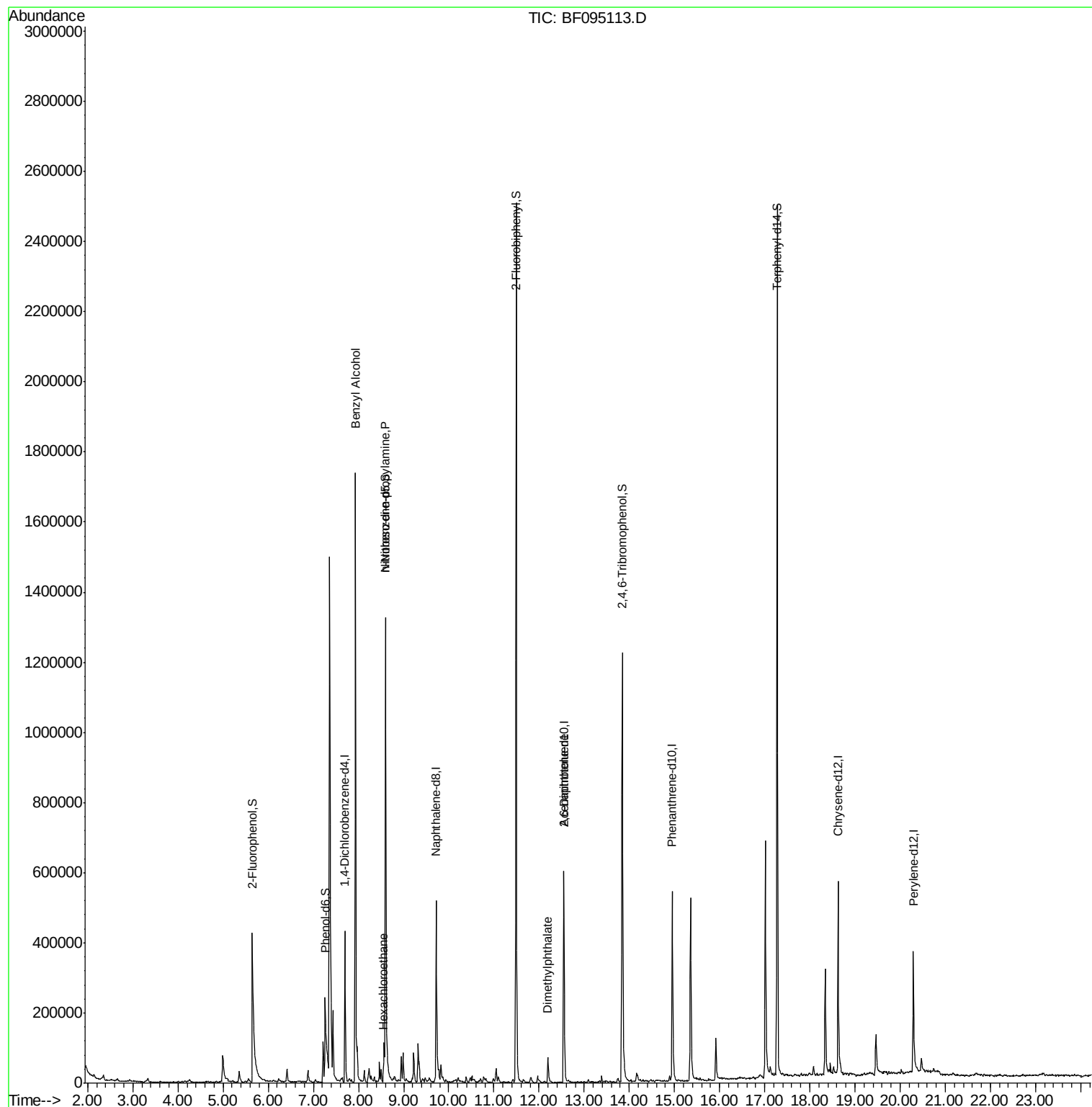
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	97729	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	373739	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	178777	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	337832	20.00	ng	-0.03
75) Chrysene-d12	18.62	240	274329	20.00	ng	-0.03
86) Perylene-d12	20.29	264	199521	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	360260	61.46	ng	-0.03
7) Phenol-d6	7.26	99	271681	38.63	ng	-0.02
23) Nitrobenzene-d5	8.60	82	597855	100.87	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	220523	150.62	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	1076363	86.66	ng	-0.04
78) Terphenyl-d14	17.28	244	1040303	83.53	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.94	79	9227	2.04	ng	# 48
18) Hexachloroethane	8.54	117	8427	3.24	ng	# 1
19) n-Nitroso-di-n-propylamine	8.60	70	76276	16.04	ng	# 78
49) Dimethylphthalate	12.19	163	54891	3.74	ng	98
50) 2,6-Dinitrotoluene	12.55	165	18698	6.24	ng	# 34

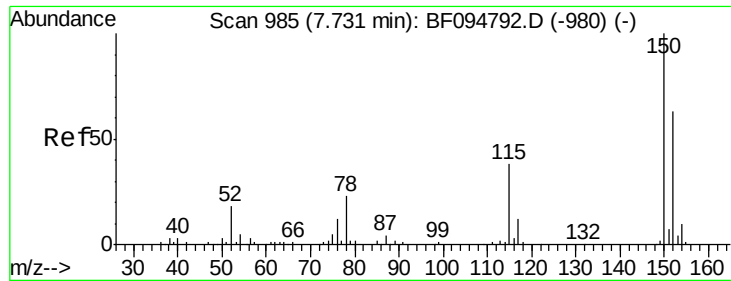
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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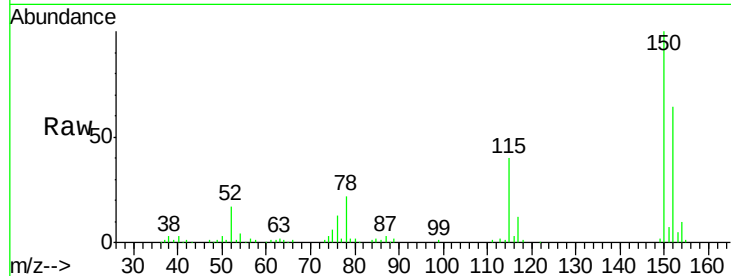


#1

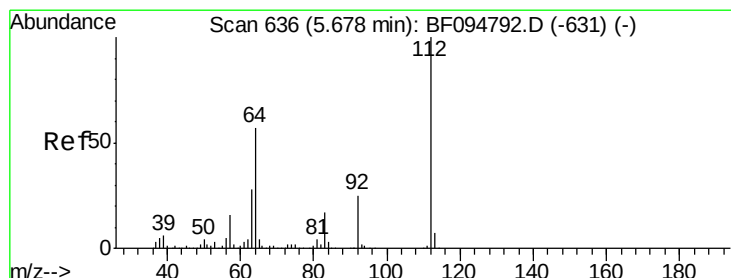
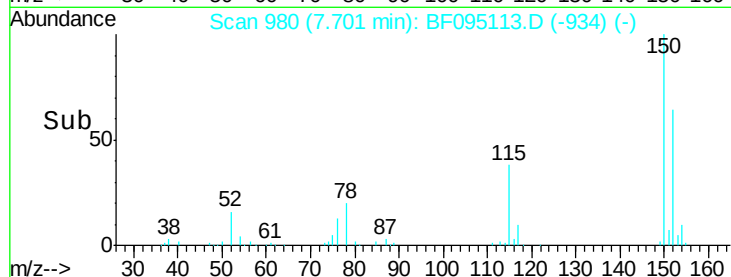
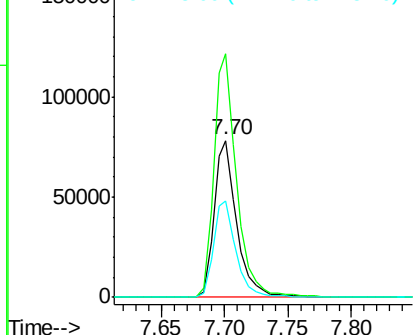
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97729
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 61.5 52.2 78.2



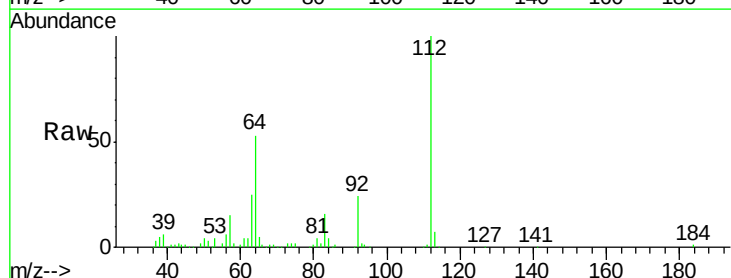
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



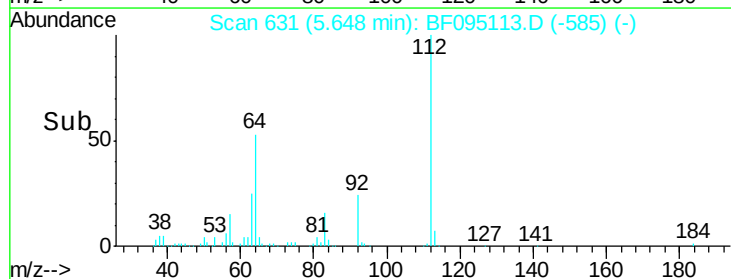
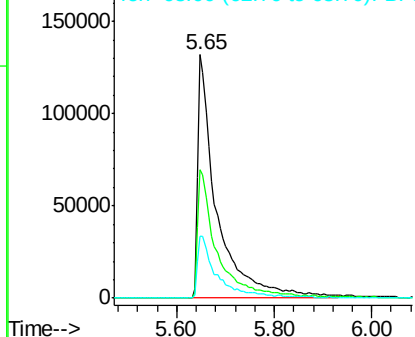
#5

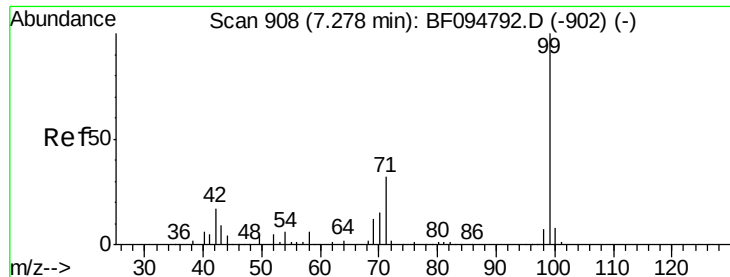
2-Fluorophenol
Concen: 61.46 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Tgt Ion:112 Resp: 360260
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 25.4 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: 38.63 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampleId :

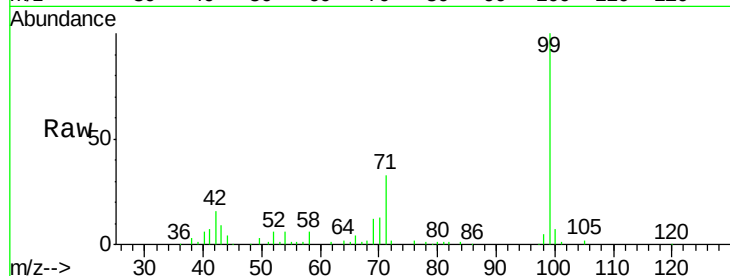
Tot Ion: 99 Resp: 271681

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

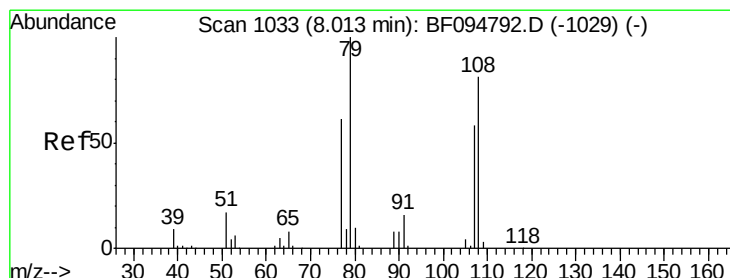
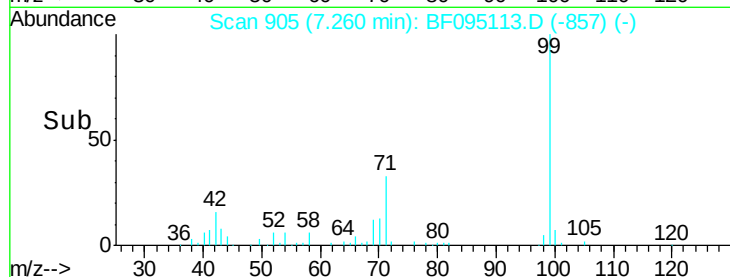
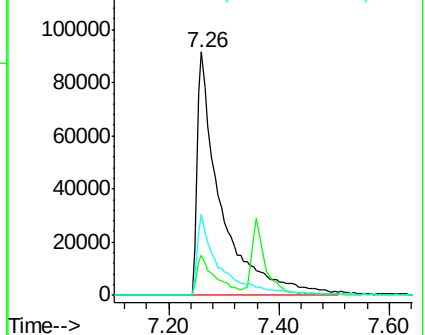
71 33.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.94 min Scan# 1020

Delta R.T. -0.08 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

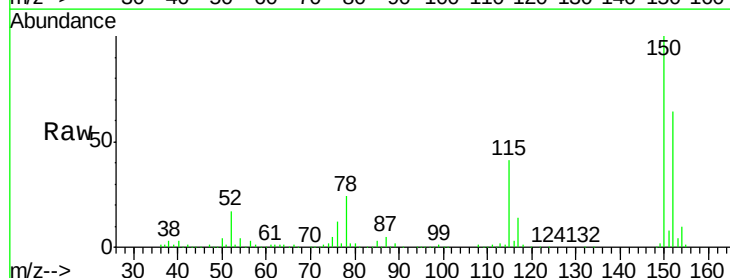
Tgt Ion: 79 Resp: 9227

Ion Ratio Lower Upper

79 100

108 32.8 63.4 95.0#

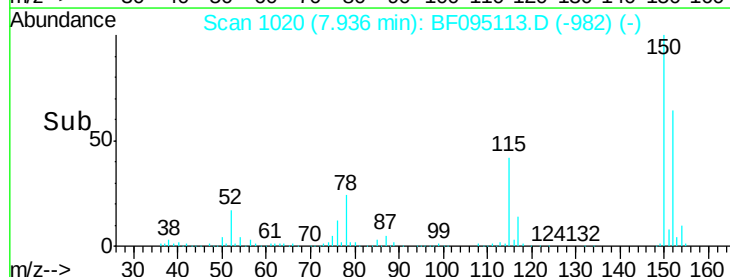
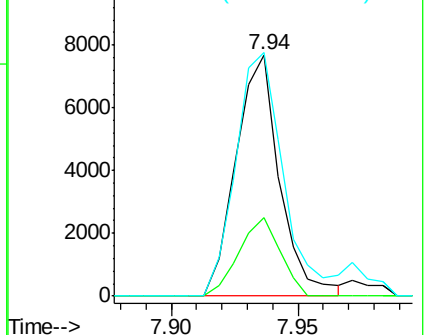
77 100.9 49.2 73.8#

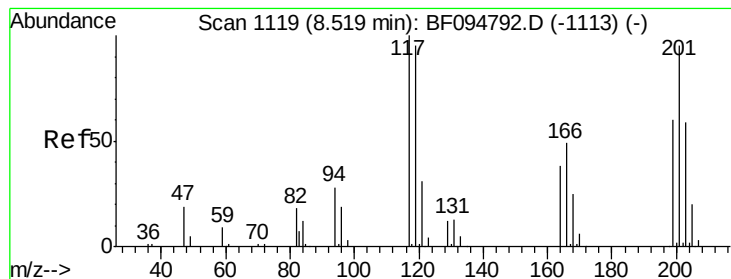


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 3.24 ng

RT: 8.54 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampled :

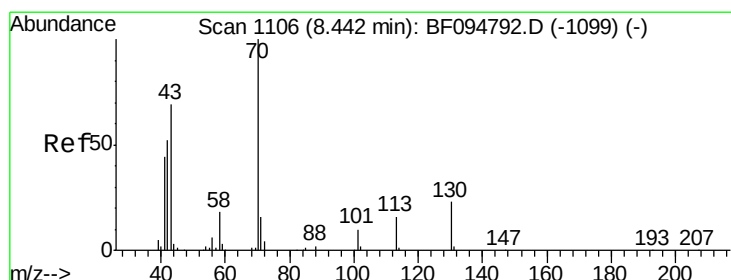
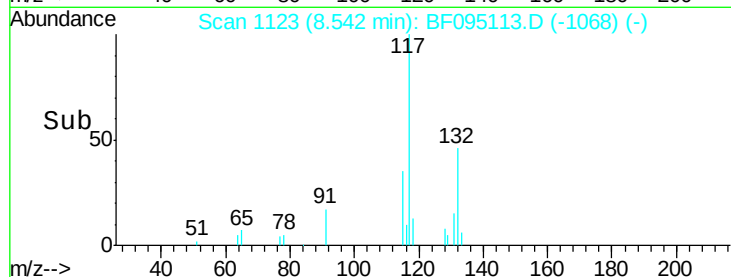
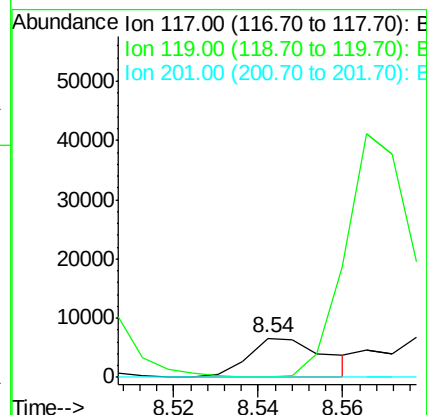
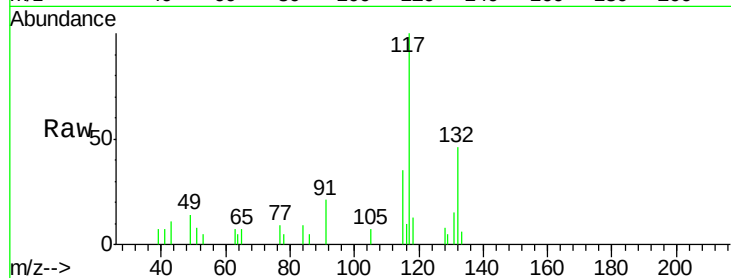
Tot Ion:117 Resp: 8427

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

201 0.0 94.6 141.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.04 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.16 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Tgt Ion: 70 Resp: 76276

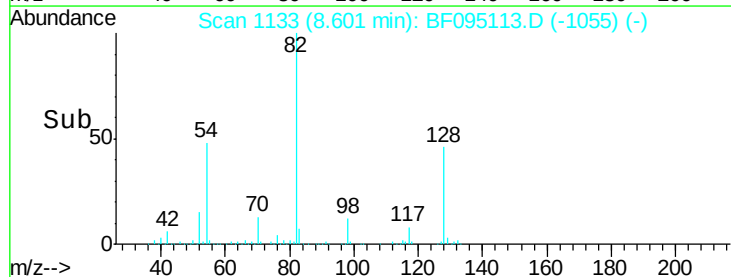
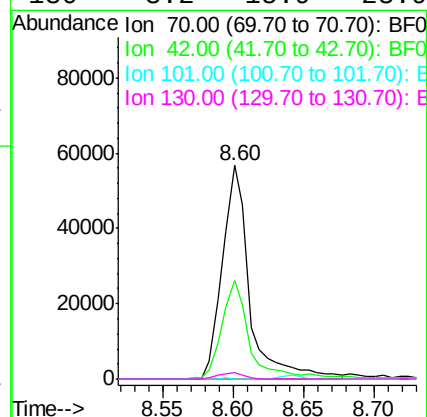
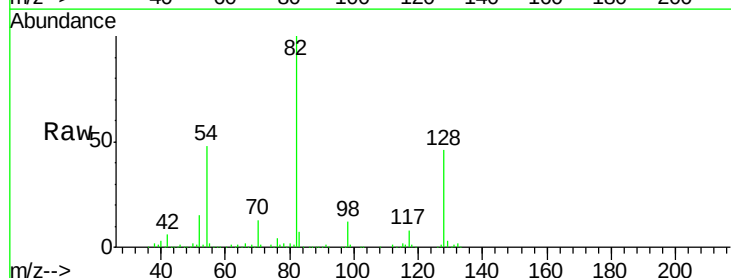
Ion Ratio Lower Upper

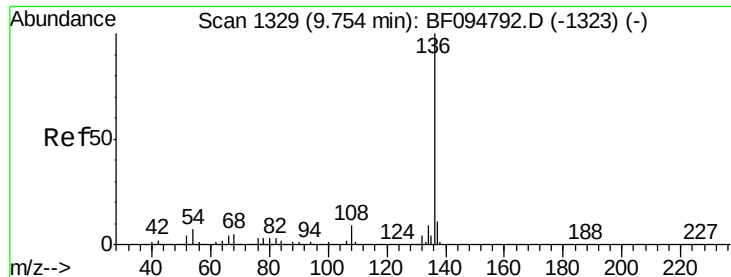
70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

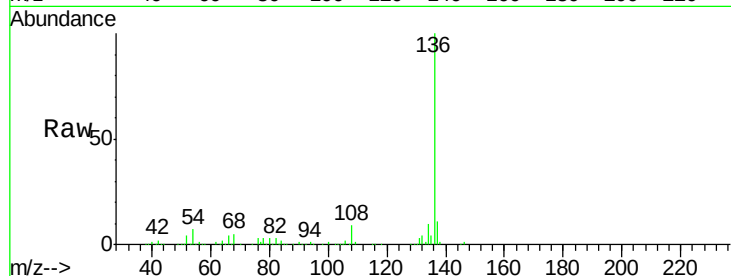




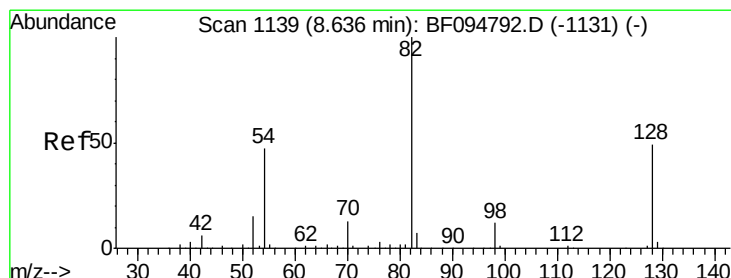
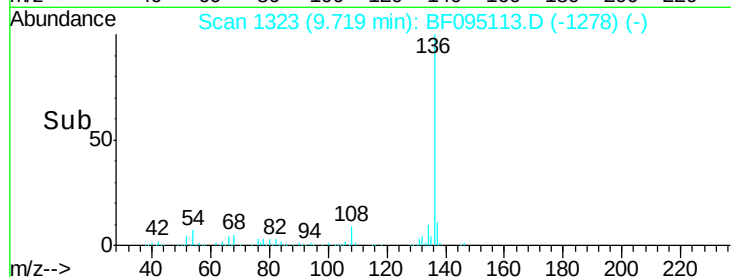
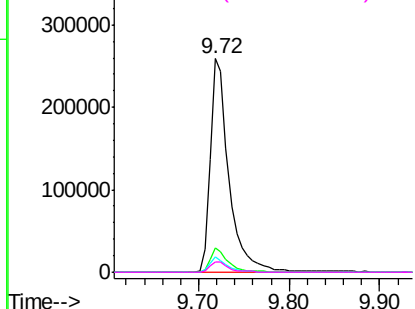
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	373739
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.5	12.7
54 7.2	4.9	7.3
68 4.8	4.1	6.1

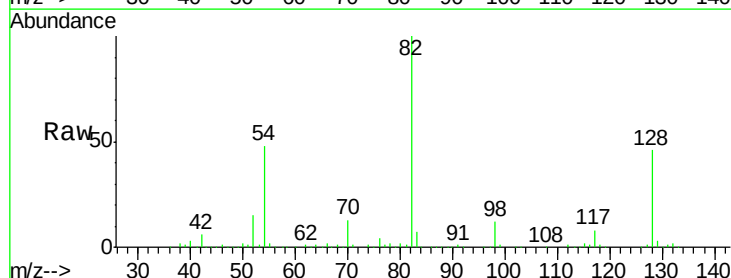


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

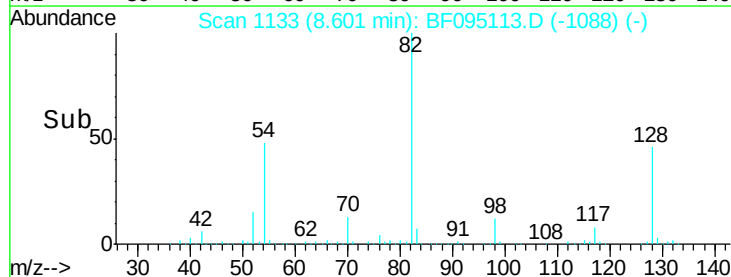
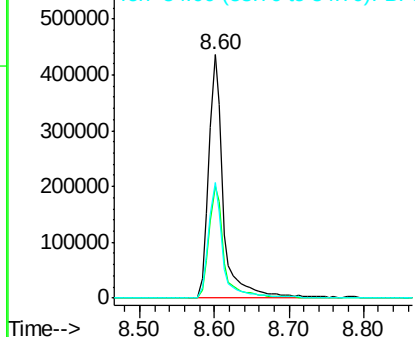


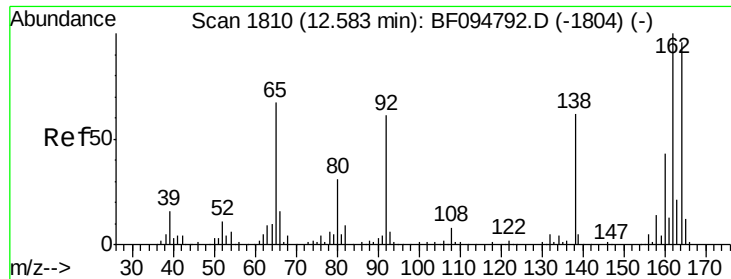
#23
Nitrobenzene-d5
Concen: 100.87 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Tgt	Ion: 82	Resp:	597855
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	47.7	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: 12.55 min Scan# 1804

Delta R.T. -0.04 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampleId :

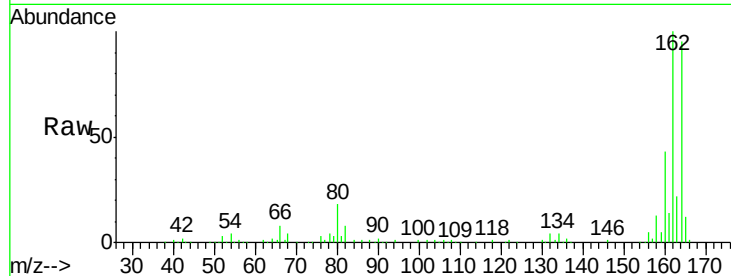
Tot Ion:164 Resp: 178777

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

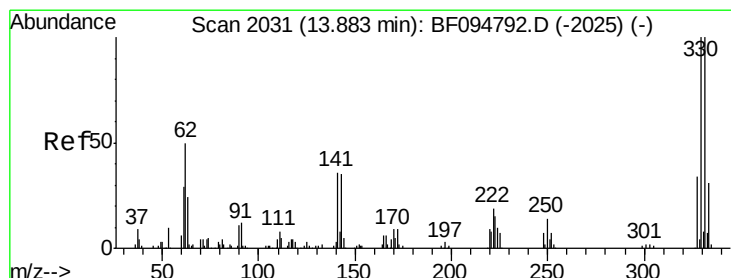
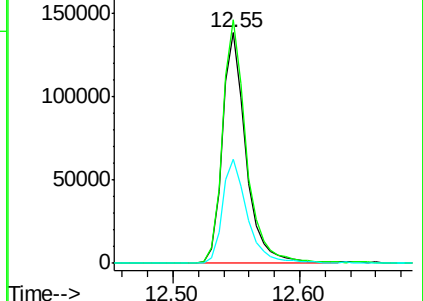
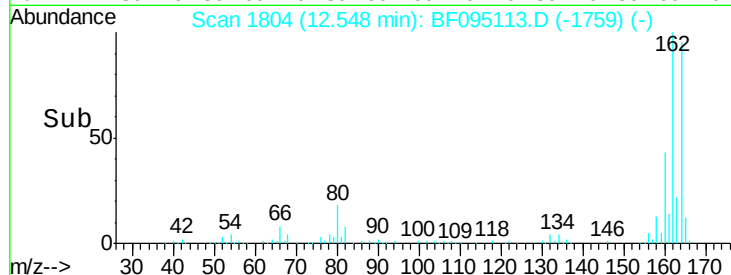
160 45.1 36.2 54.2



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: 150.62 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

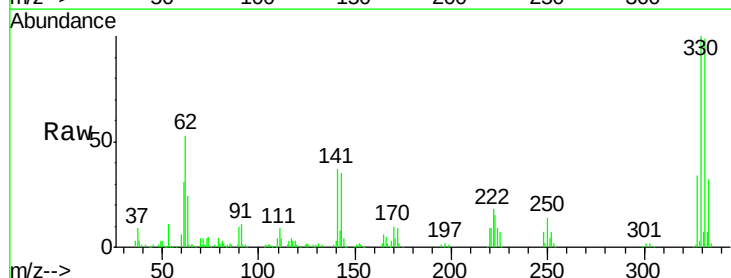
Tgt Ion:330 Resp: 220523

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

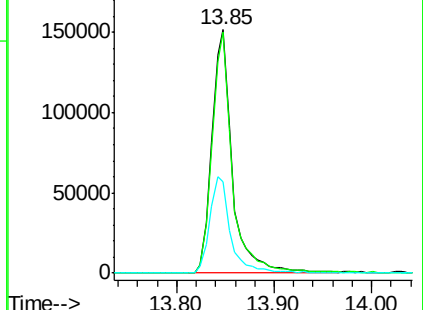
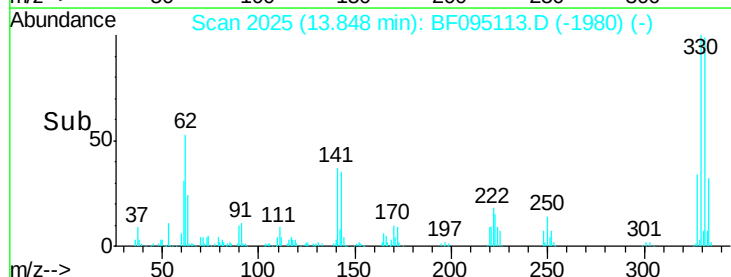
141 40.7 31.4 47.2

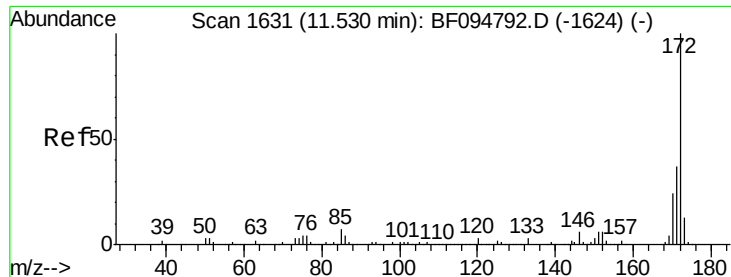


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

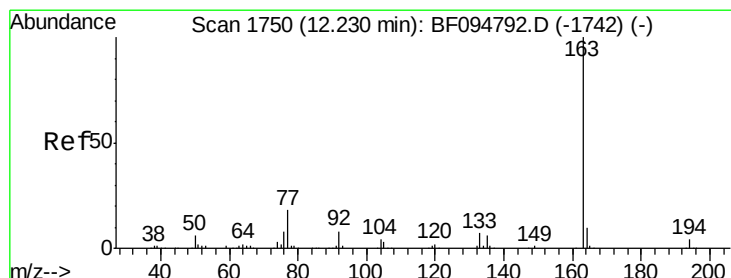
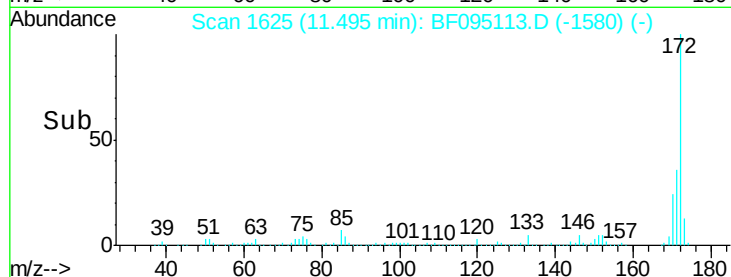
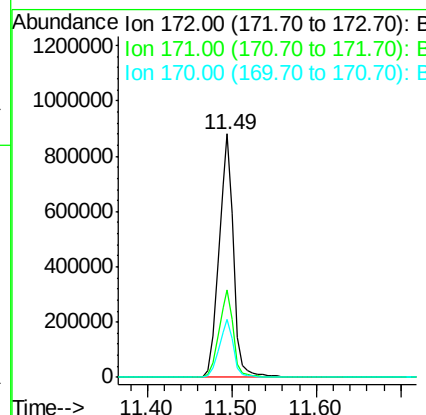
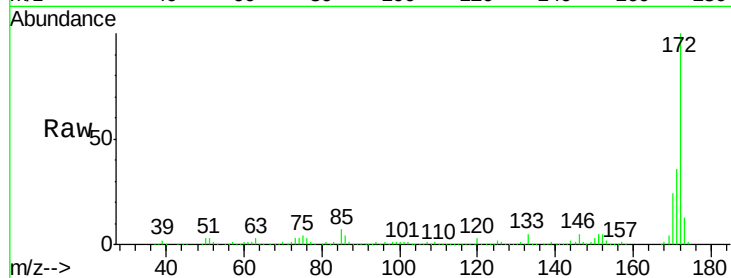




#44
2-Fluorobiphenyl
Concen: 86.66 ng
RT: 11.49 min Scan# 1625
Delta R.T. -0.04 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

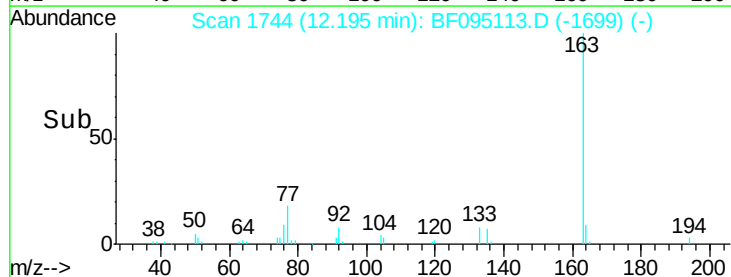
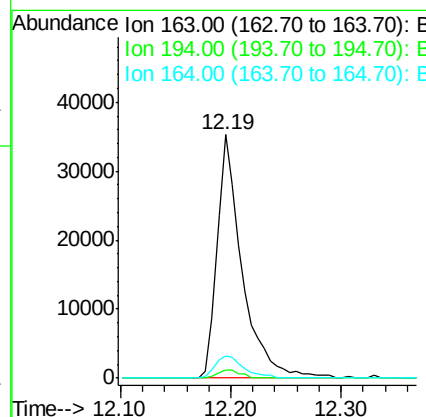
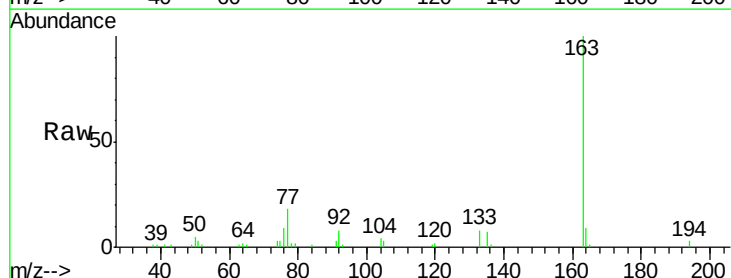
Instrument :
BNA_F
ClientSampleId :

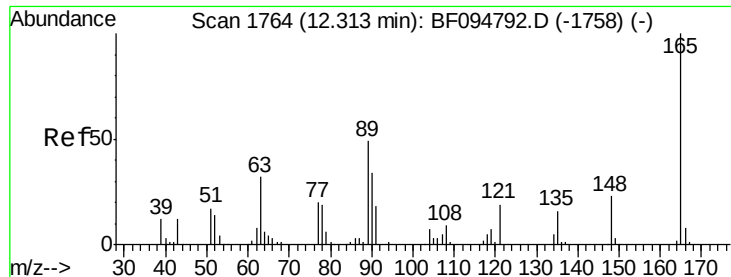
Tot Ion:172 Resp: 1076363
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 3.74 ng
RT: 12.19 min Scan# 1744
Delta R.T. -0.04 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Tgt Ion:163 Resp: 54891
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.3 8.4 12.6

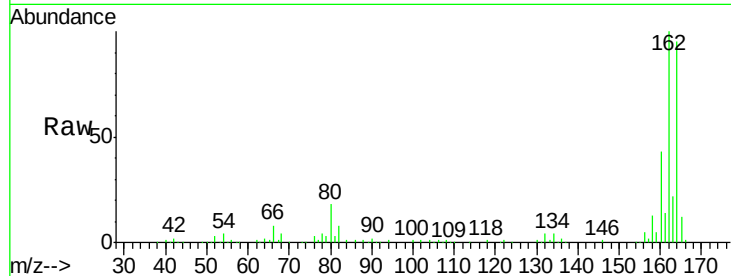




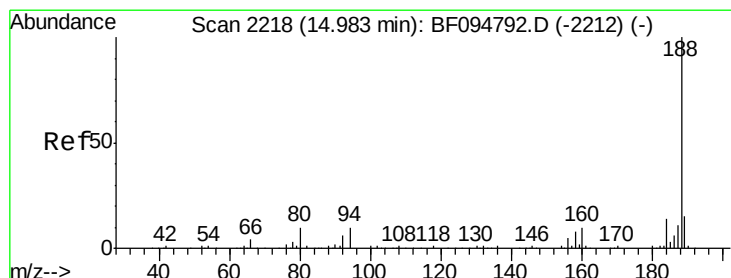
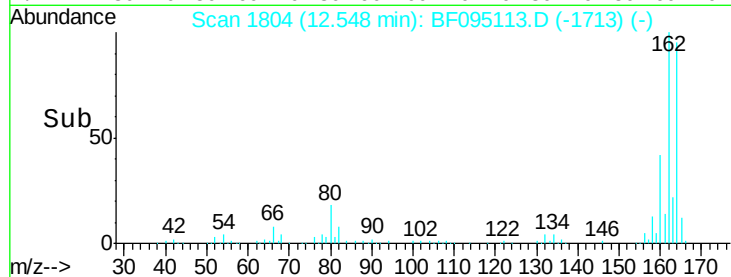
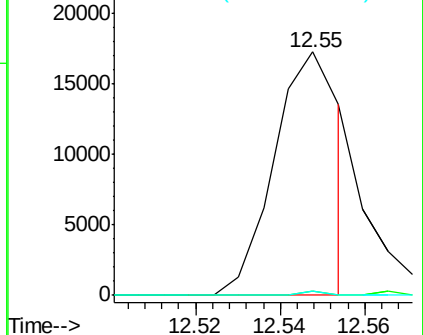
#50
 2,6-Dinitrotoluene
 Concen: 6.24 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. 0.24 min
 Lab File: BF095113.D
 Acq: 12 May 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18698
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.3 51.5#
 89 1.8 37.1 55.7#

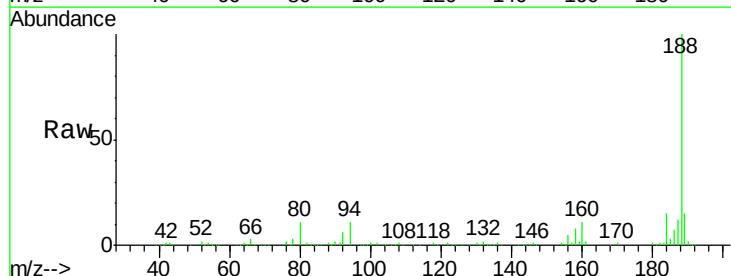


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

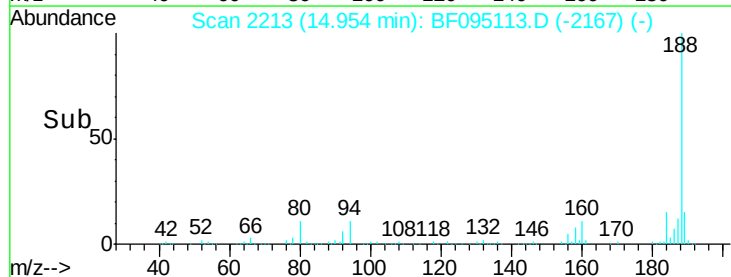
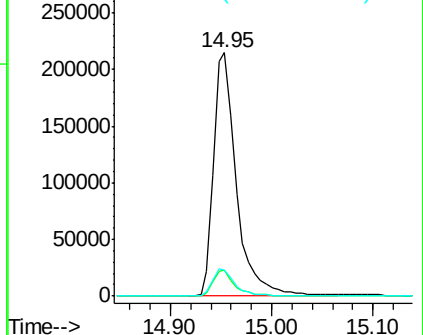


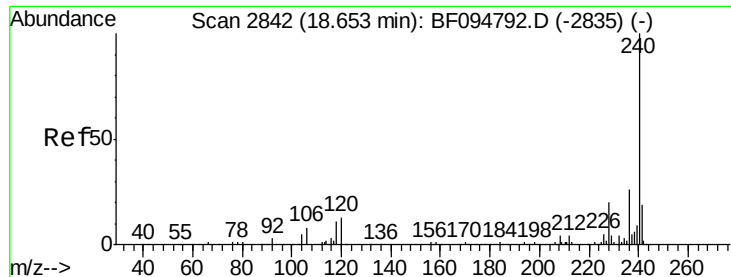
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 2213
 Delta R.T. -0.03 min
 Lab File: BF095113.D
 Acq: 12 May 2017 15:49

Tgt Ion:188 Resp: 337832
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 10.6 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.62 min Scan# 2837

Delta R.T. -0.03 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

Instrument :

BNA_F

ClientSampled :

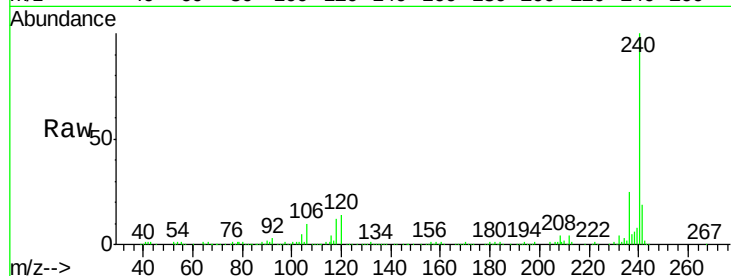
Tot Ion:240 Resp: 274329

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

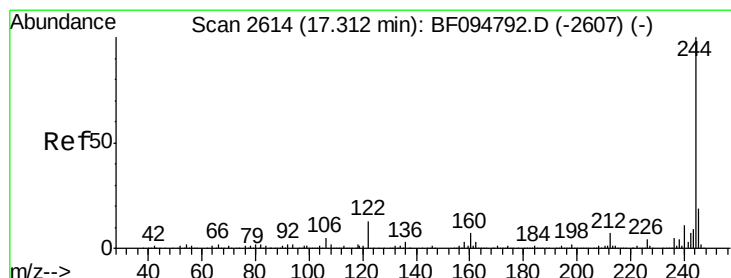
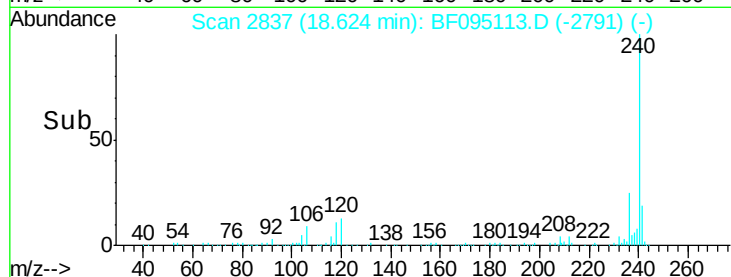
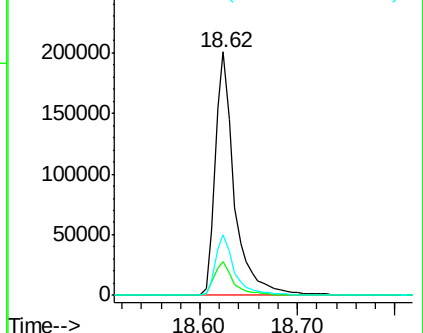
236 25.0 20.5 30.7



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



#78

Terphenyl-d14

Concen: 83.53 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095113.D

Acq: 12 May 2017 15:49

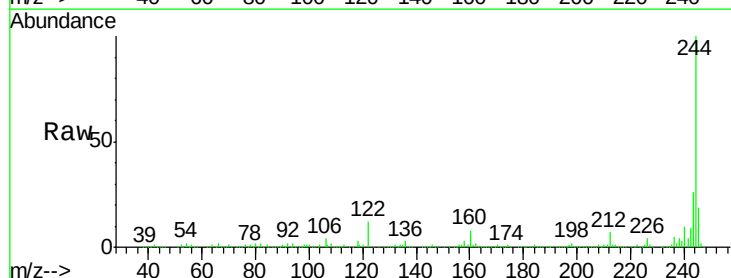
Tgt Ion:244 Resp: 1040303

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

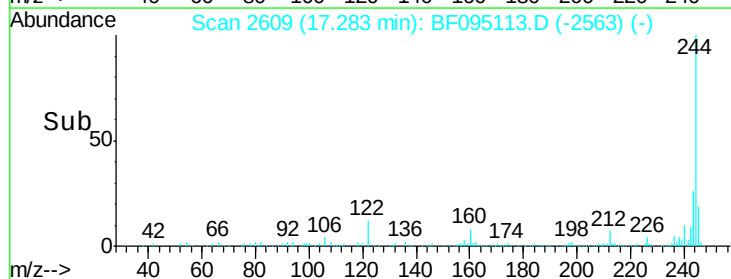
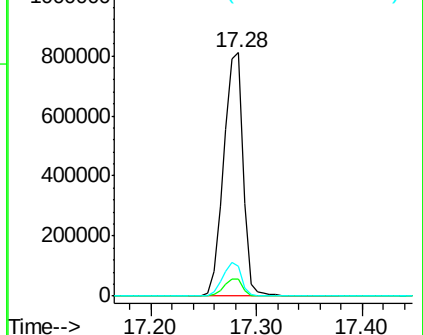
122 12.5 10.3 15.5

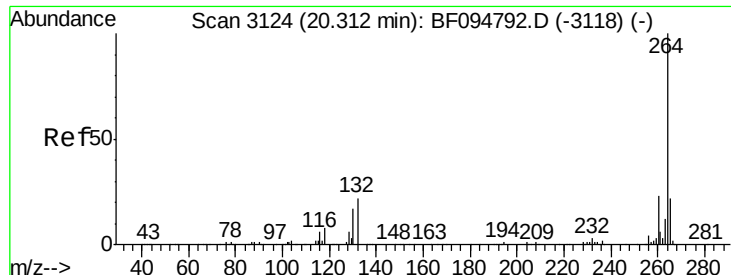


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

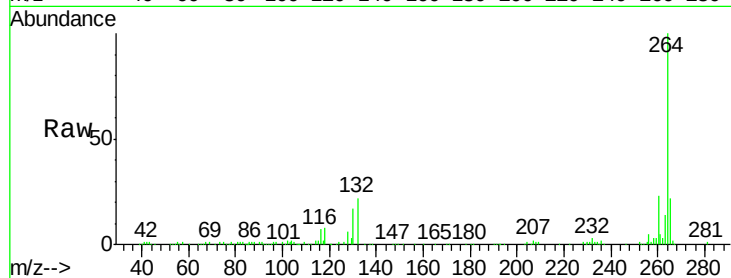




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095113.D
Acq: 12 May 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	199521
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.9	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

