

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095037.D
 Acq On : 9 May 2017 23:20
 Operator : SJ/MA
 Sample : I3035-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:17:51 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

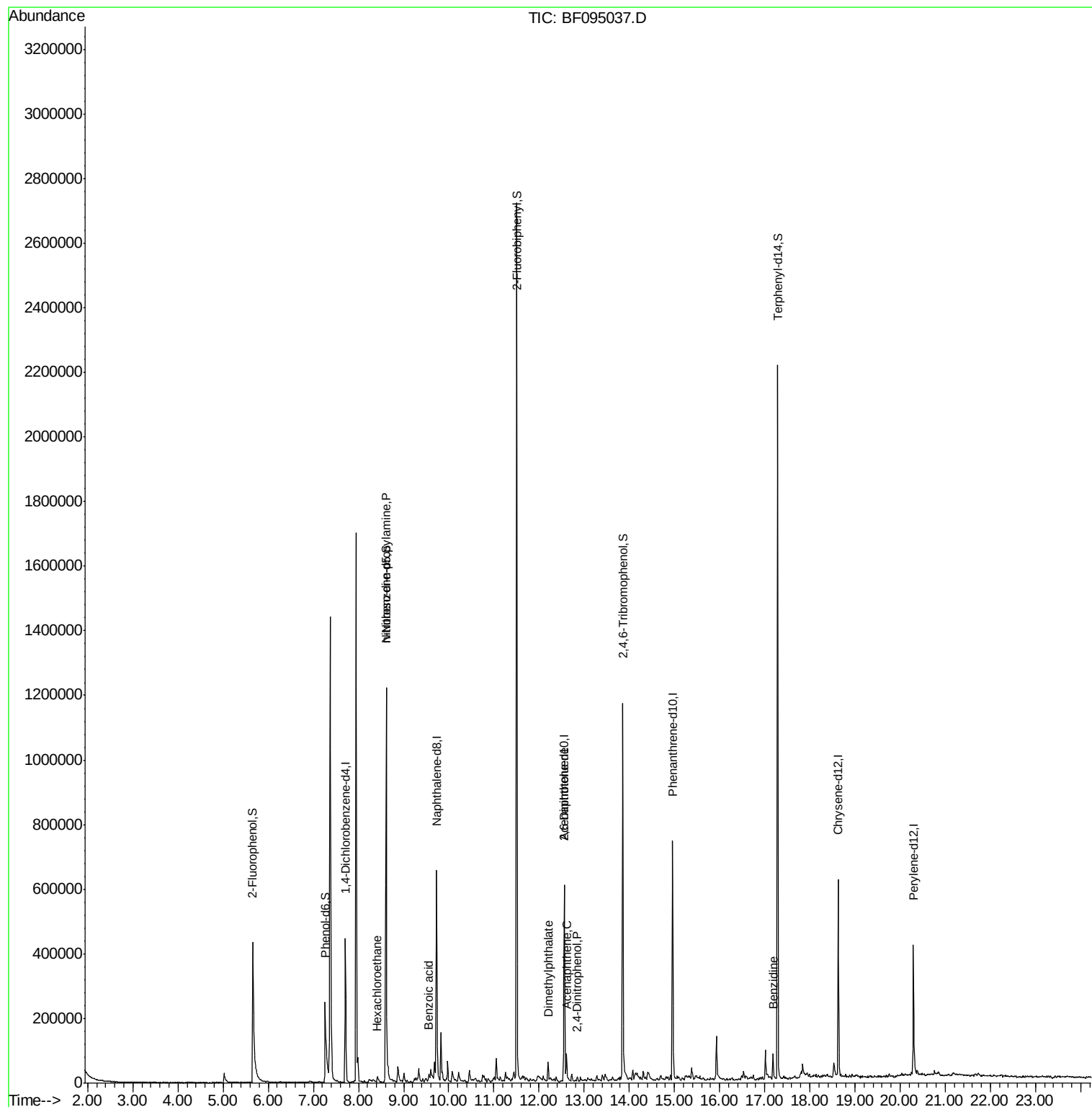
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	99138	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	416377	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	174648	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	351575	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	268207	20.00	ng	-0.02
86) Perylene-d12	20.29	264	183739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	308478	51.88	ng	-0.02
7) Phenol-d6	7.26	99	238457	33.42	ng	-0.02
23) Nitrobenzene-d5	8.61	82	563136	85.28	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	196270	137.22	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1156015	95.27	ng	-0.02
78) Terphenyl-d14	17.29	244	855523	70.26	ng	-0.02
Target Compounds						
18) Hexachloroethane	8.41	117	7438	2.82	ng	# 1
19) n-Nitroso-di-n-propylamine	8.61	70	72569	15.04	ng	# 75
32) Benzoic acid	9.56	122	10695	7.49	ng	# 17
49) Dimethylphthalate	12.20	163	32854	2.29	ng	99
50) 2,6-Dinitrotoluene	12.55	165	19990	6.83	ng	# 33
51) Acenaphthene	12.61	154	24059	2.17	ng	97
53) 2,4-Dinitrophenol	12.85	184	111	6.31	ng	# 33
76) Benzidine	17.18	184	244	6.62	ng	# 1

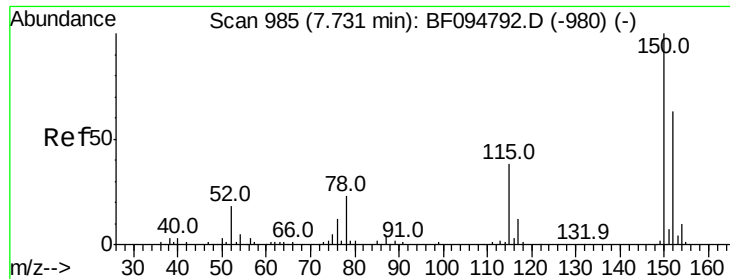
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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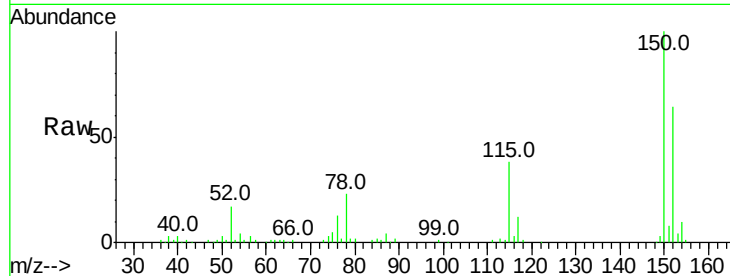


#1

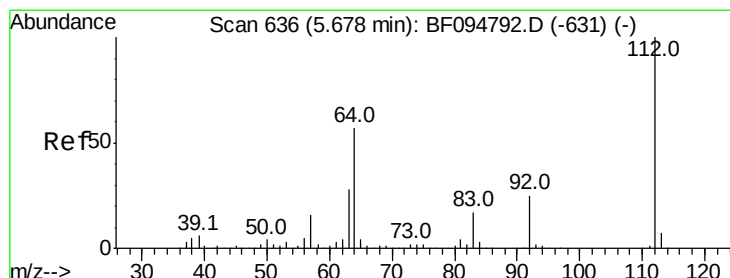
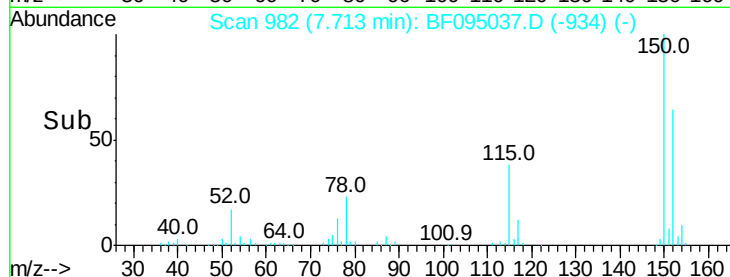
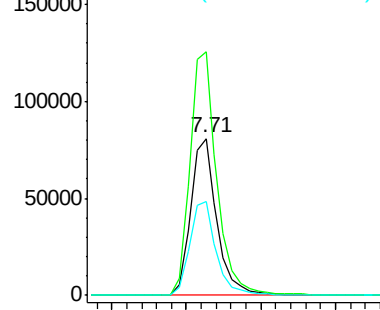
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99138
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.5 52.2 78.2



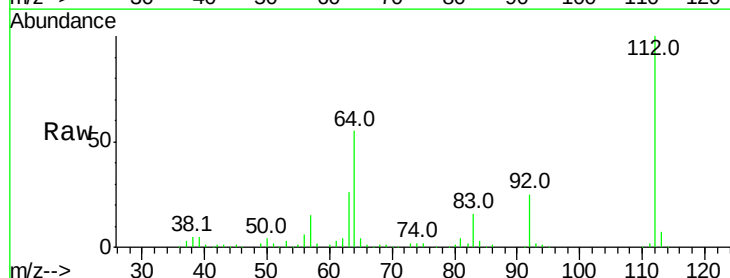
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



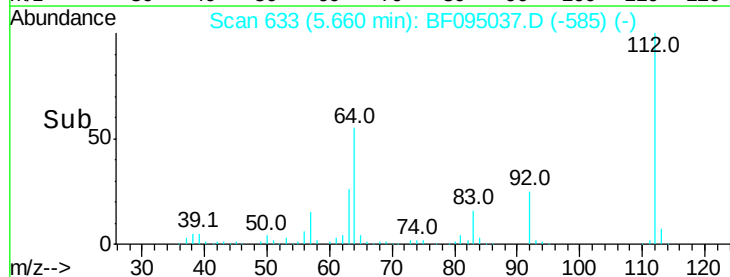
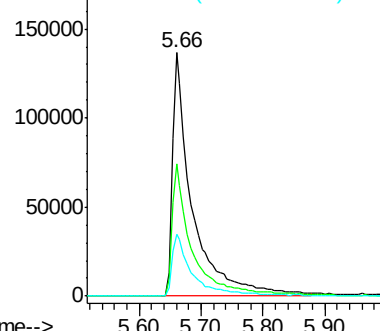
#5

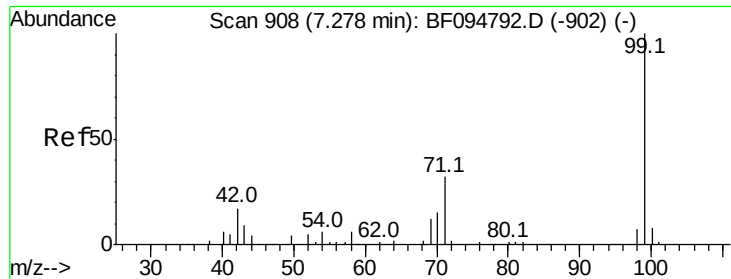
2-Fluorophenol
Concen: 51.88 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:112 Resp: 308478
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 25.6 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: 33.42 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

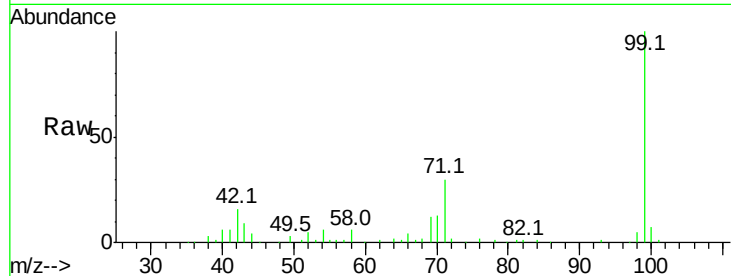
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 238457

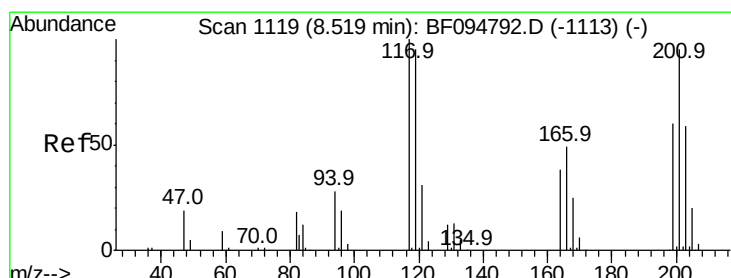
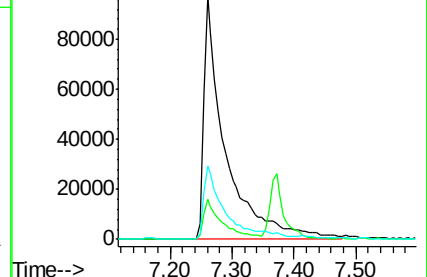
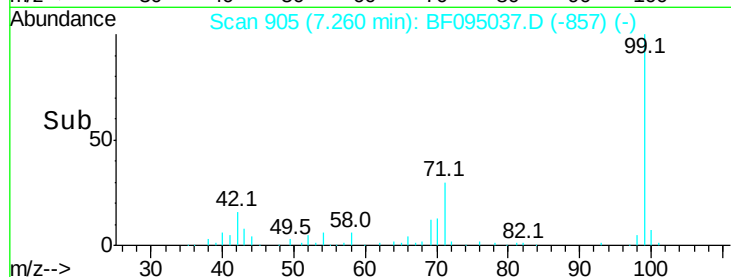
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.3	24.5	36.7



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



#18

Hexachloroethane

Concen: 2.82 ng

RT: 8.41 min Scan# 1101

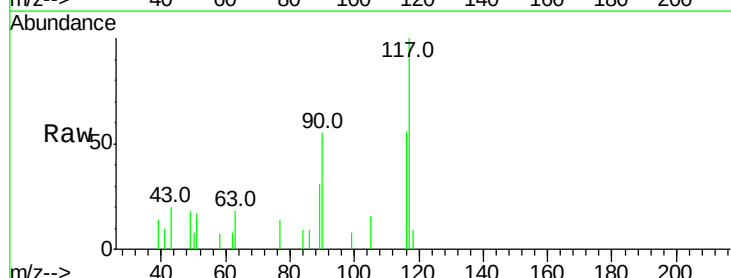
Delta R.T. -0.11 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Tgt Ion: 117 Resp: 7438

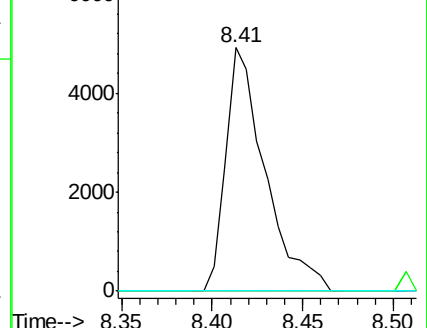
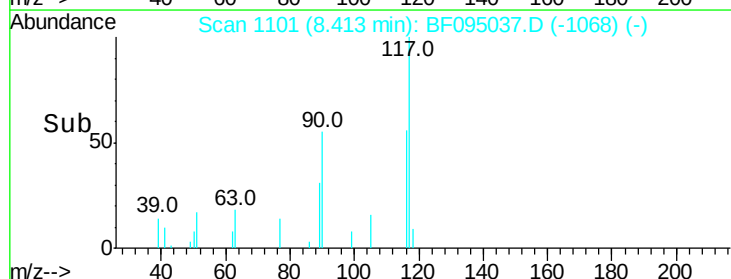
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
201	0.0	94.6	141.8#

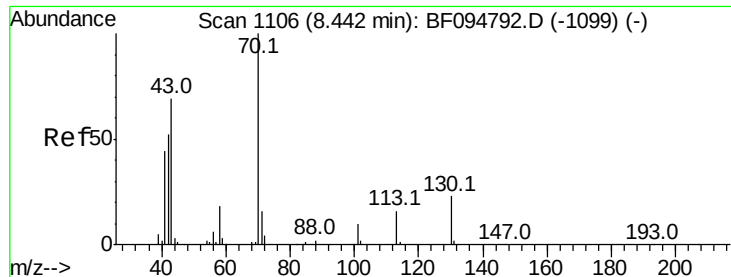


Abundance Ion 117.00 (116.70 to 117.70): E

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: 15.04 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 72569

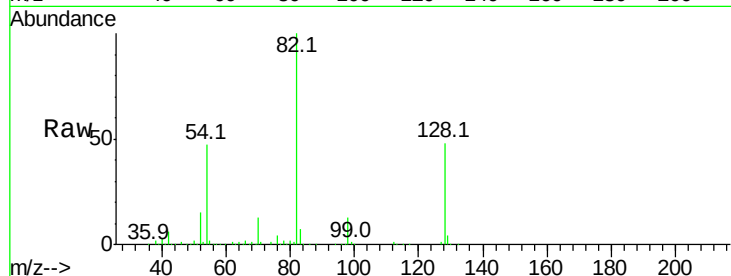
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

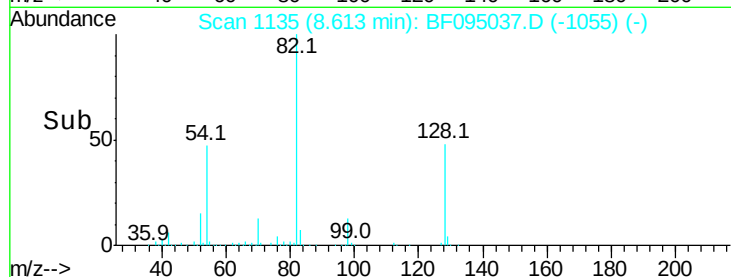


Abundance Ion 70.00 (69.70 to 70.70): BF0

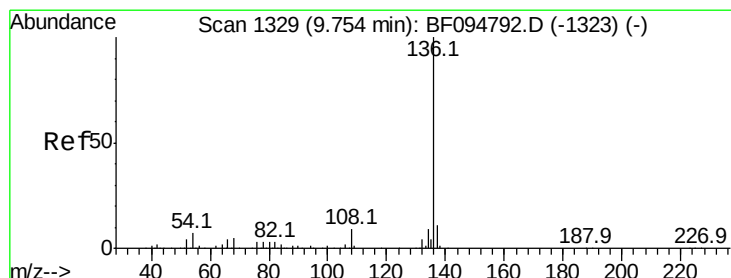
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Tgt Ion: 136 Resp: 416377

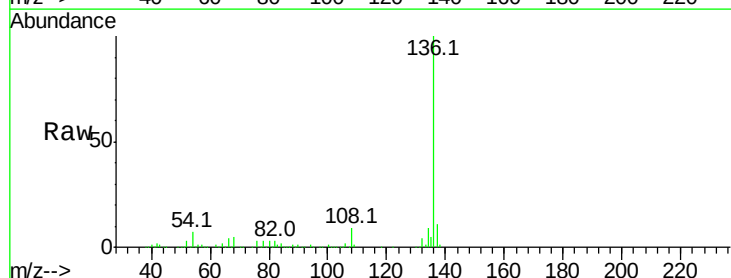
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.0 4.1 6.1

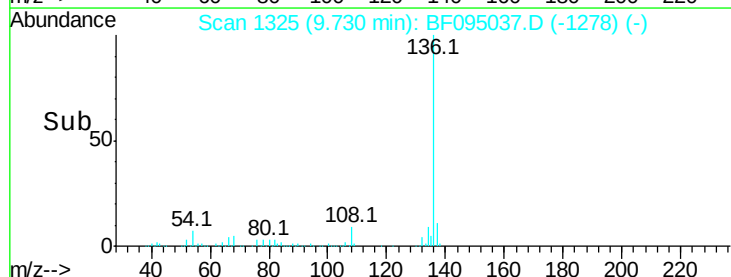


Abundance Ion 136.00 (135.70 to 136.70): E

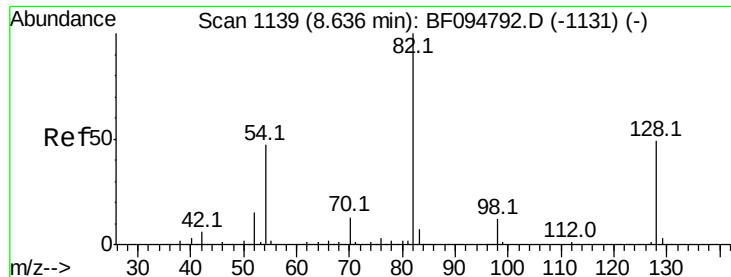
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



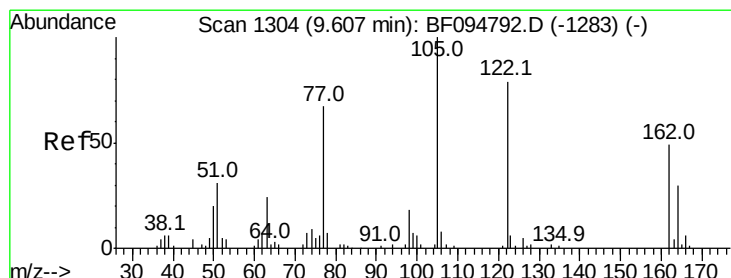
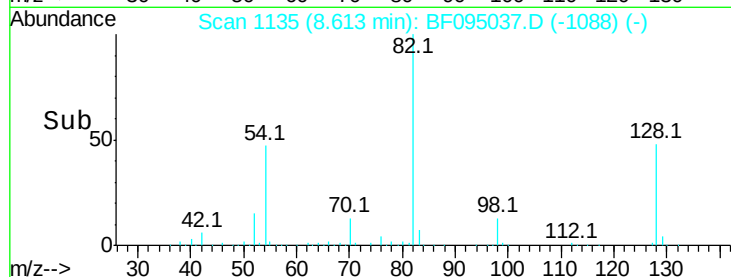
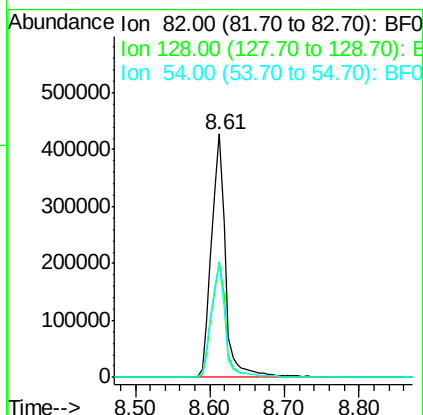
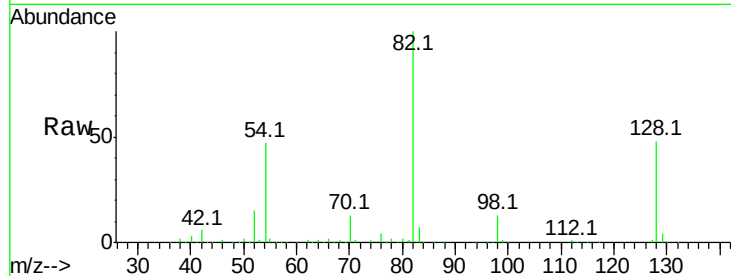
Time-->



#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

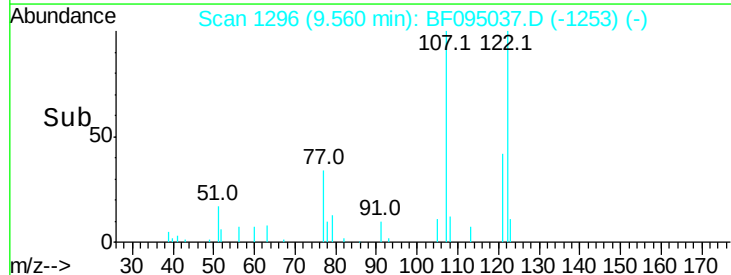
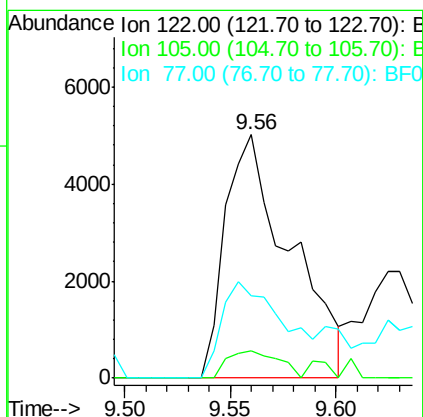
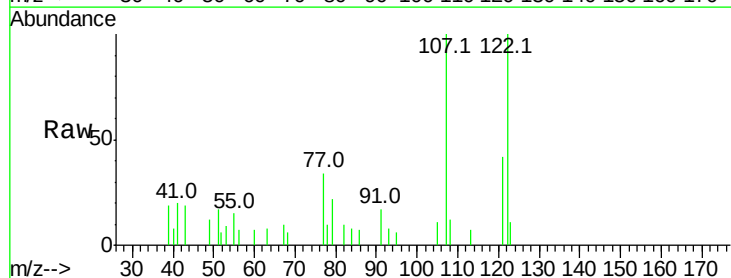
Instrument :
 BNA_F
 ClientSampleId :

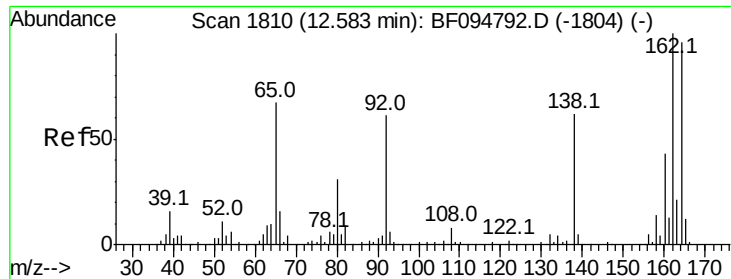
Tot Ion: 82 Resp: 563136
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 46.8 42.2 63.2



#32
 Benzoic acid
 Concen: 7.49 ng
 RT: 9.56 min Scan# 1296
 Delta R.T. -0.05 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion:122 Resp: 10695
 Ion Ratio Lower Upper
 122 100
 105 11.2 103.3 143.3#
 77 33.9 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Instrument :

BNA_F

ClientSampleId :

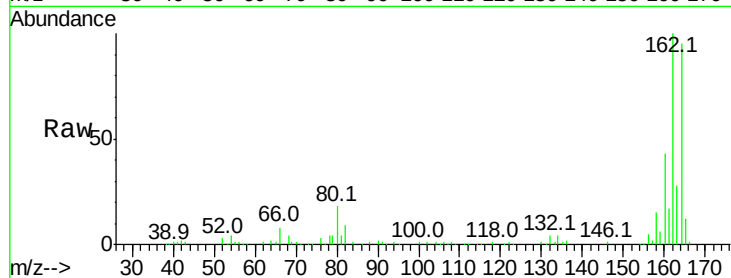
Tot Ion:164 Resp: 174648

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

160 45.5 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

150000

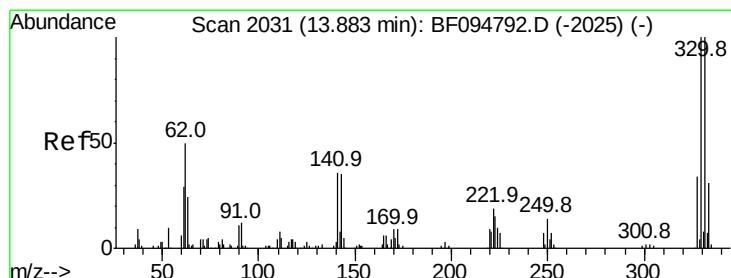
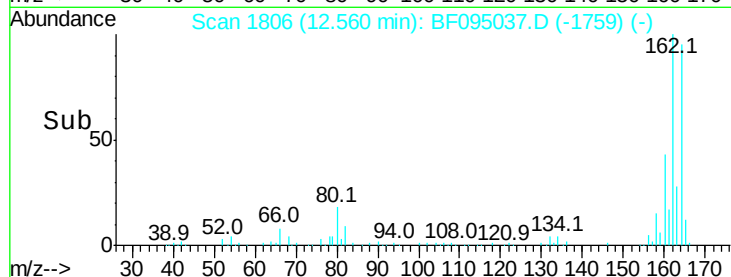
100000

50000

0

12.56

Time-->



#41

2,4,6-Tribromophenol

Concen: 137.22 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

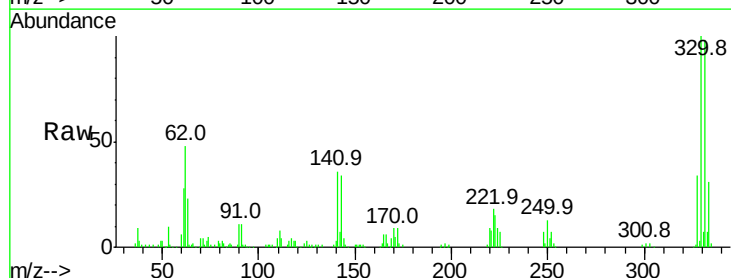
Tgt Ion:330 Resp: 196270

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 39.9 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

200000

150000

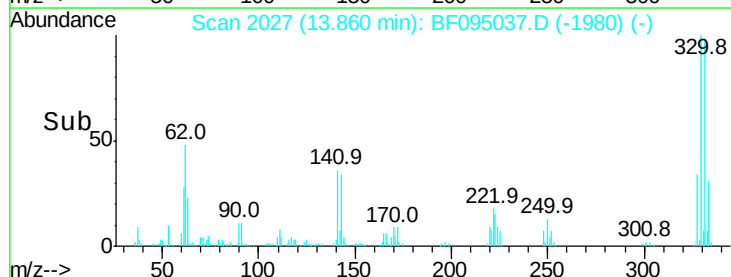
100000

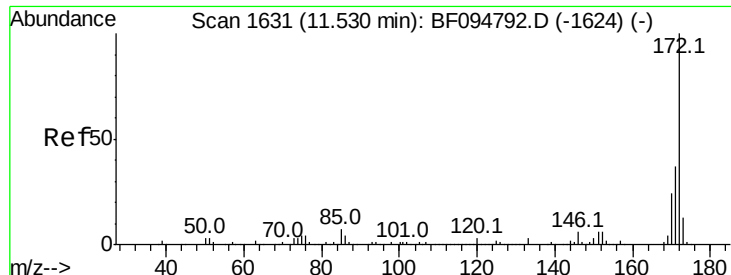
50000

0

13.86

Time-->

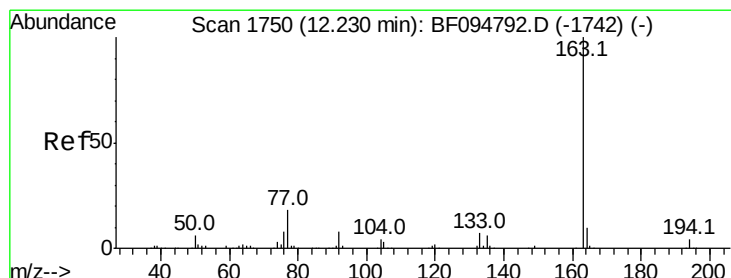
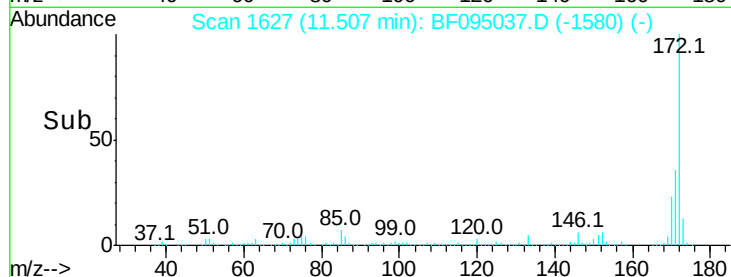
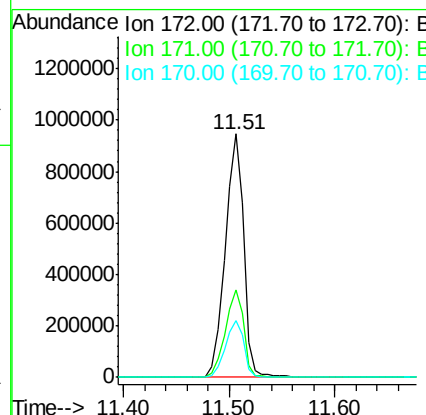
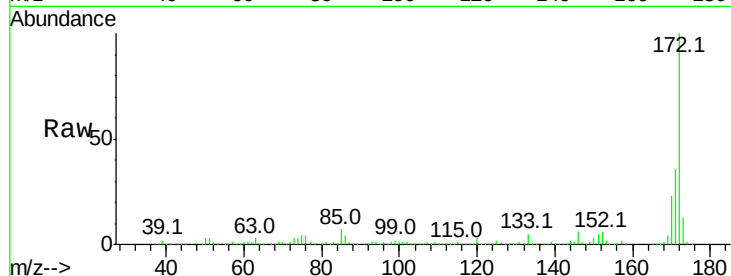




#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

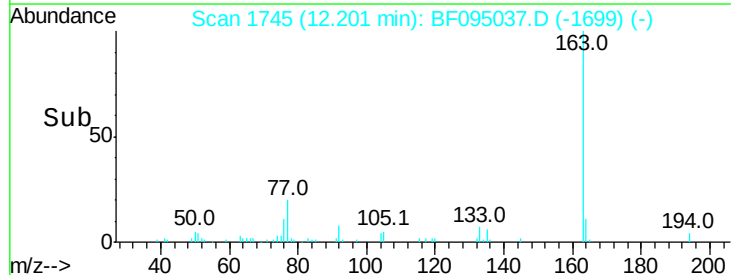
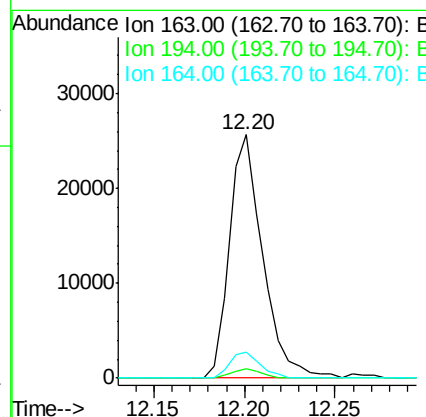
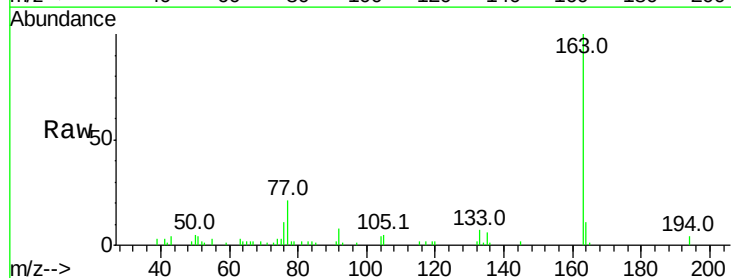
Instrument :
 BNA_F
 ClientSampleId :

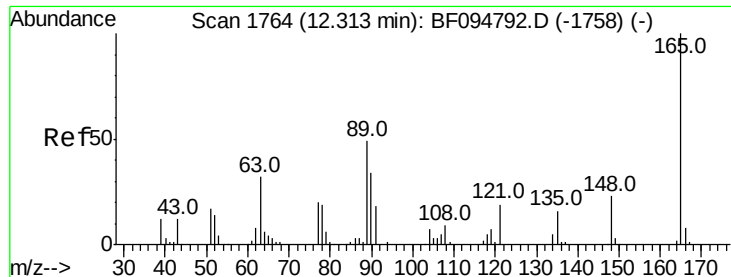
Tot Ion:172 Resp: 1156015
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 2.29 ng
 RT: 12.20 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion:163 Resp: 32854
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 10.8 8.4 12.6

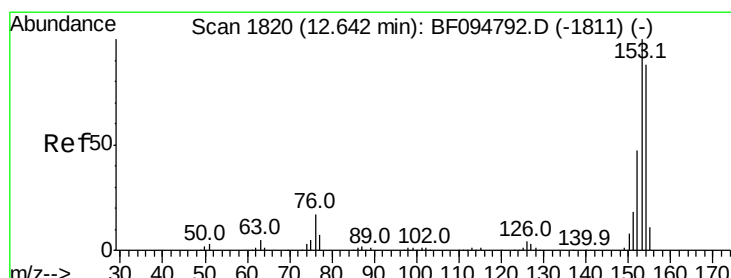
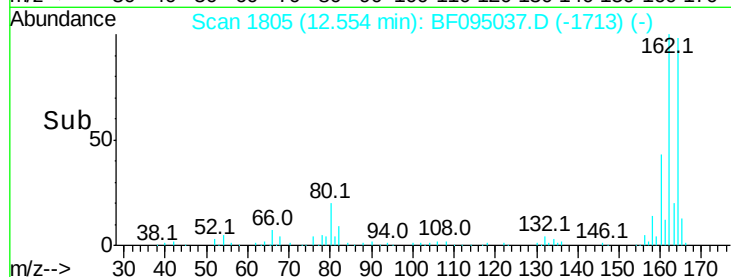
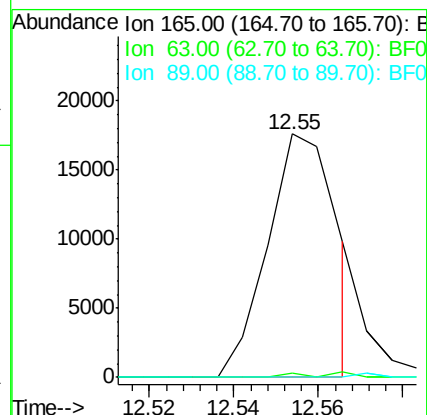
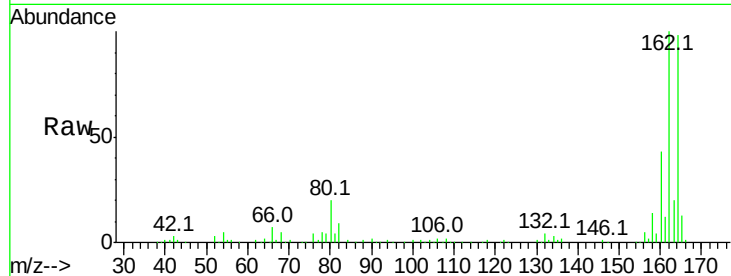




#50
 2,6-Dinitrotoluene
 Concen: 6.83 ng
 RT: 12.55 min Scan# 1805
 Delta R.T. 0.24 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

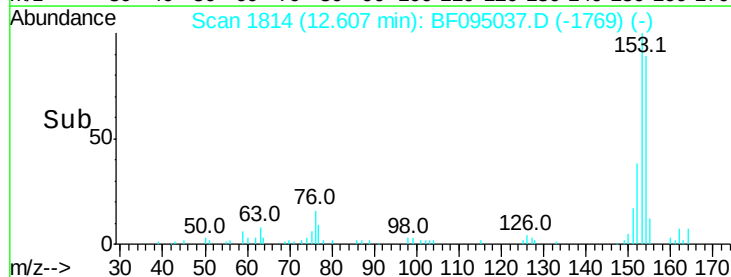
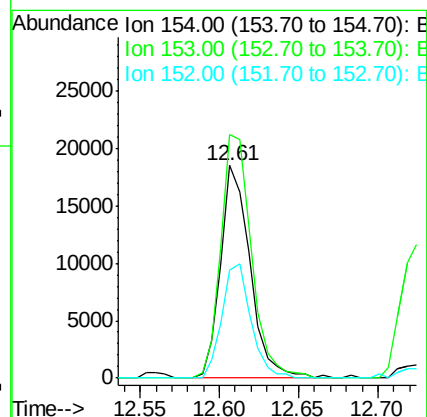
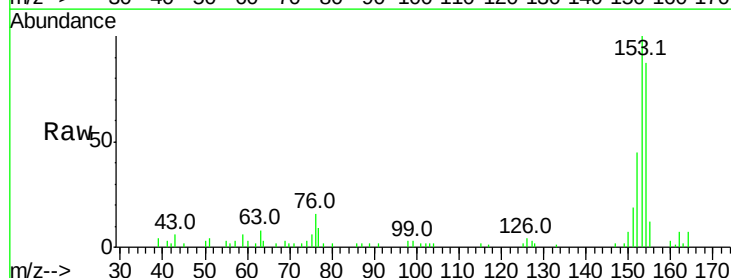
Instrument :
 BNA_F
 ClientSampleId :

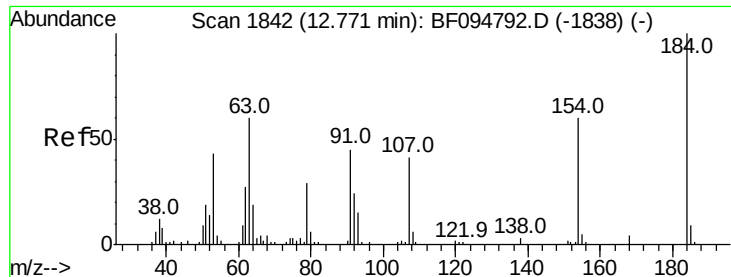
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.0	37.1	55.7#



#51
 Acenaphthene
 Concen: 2.17 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.04 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	51.0	43.6	65.4

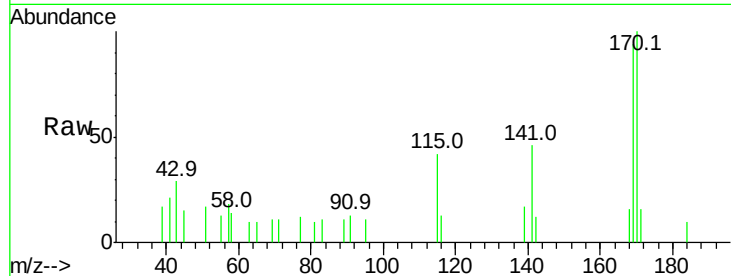




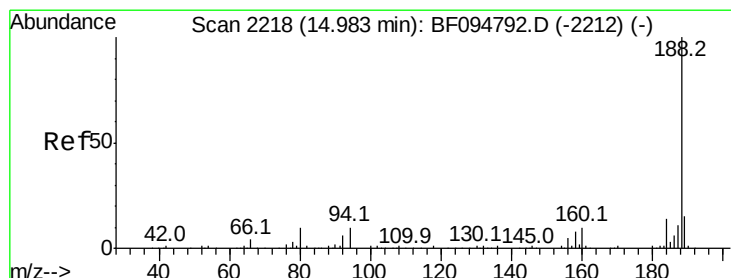
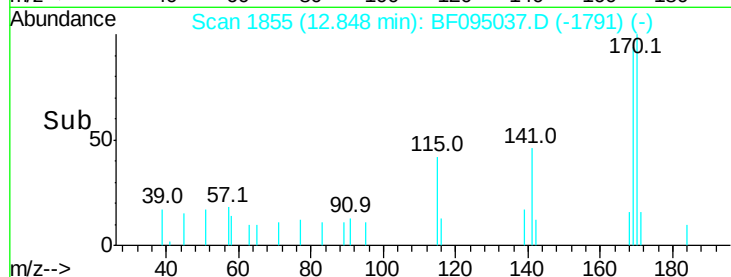
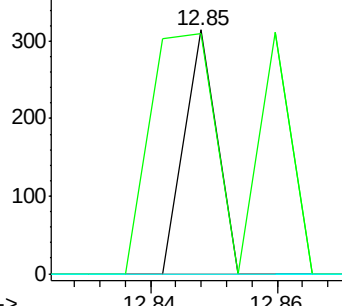
#53
 2,4-Dinitrophenol
 Concen: 6.31 ng
 RT: 12.85 min Scan# 1855
 Delta R.T. 0.08 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 111
 Ion Ratio Lower Upper
 184 100
 63 98.7 62.7 94.1#
 154 0.0 81.1 121.7#

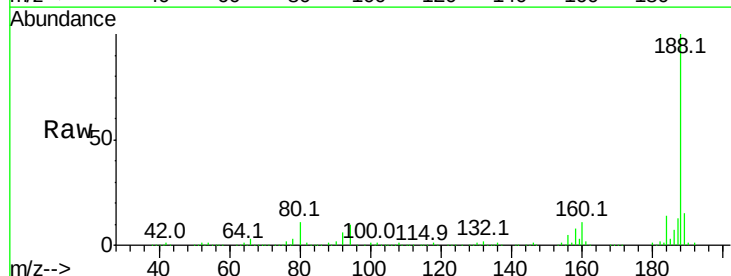


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

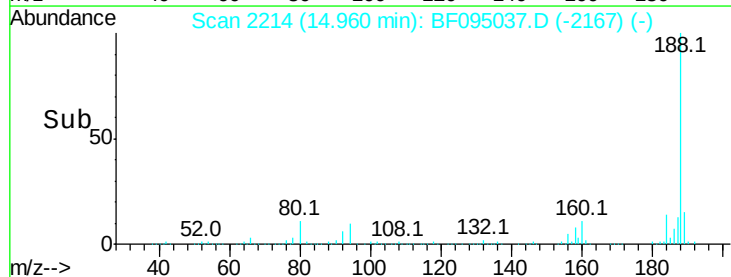
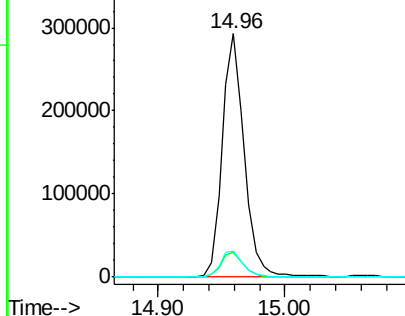


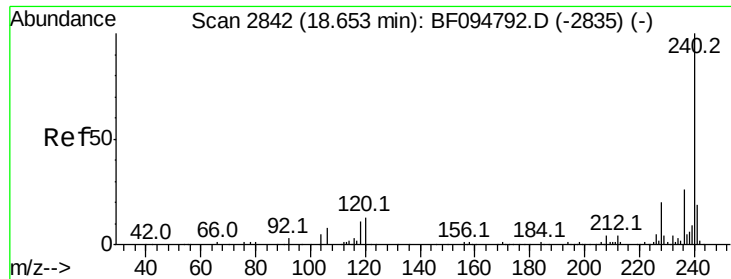
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion:188 Resp: 351575
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.8 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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Instrument :

BNA_F

ClientSampleId :

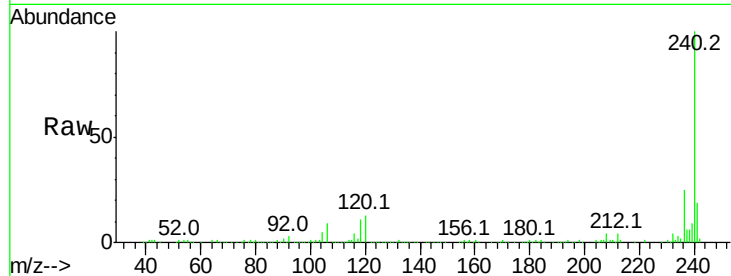
Tot Ion:240 Resp: 268207

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

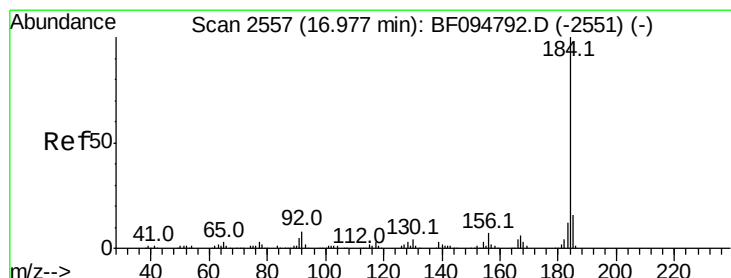
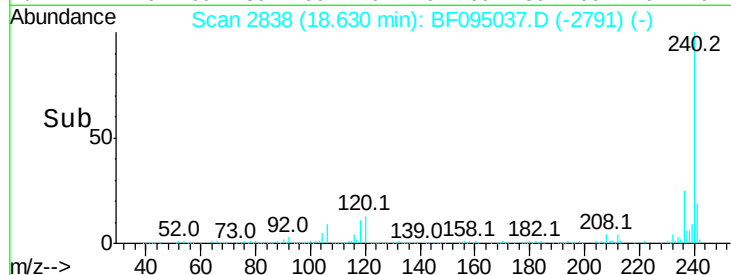
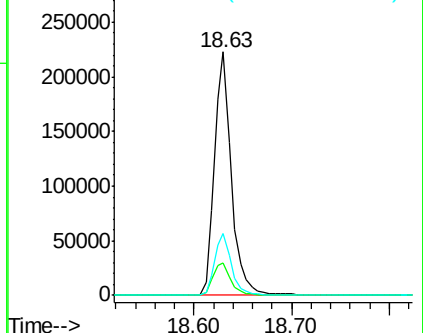
236 25.4 20.5 30.7



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: 6.62 ng

RT: 17.18 min Scan# 2591

Delta R.T. 0.20 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

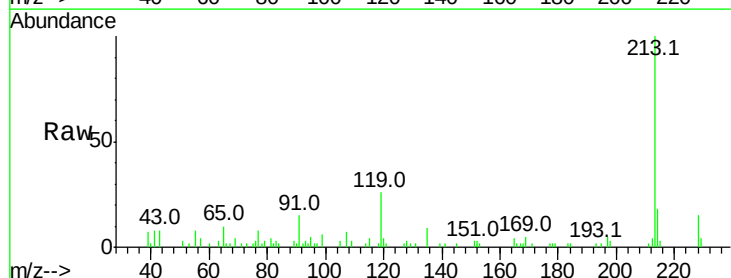
Tgt Ion:184 Resp: 244

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

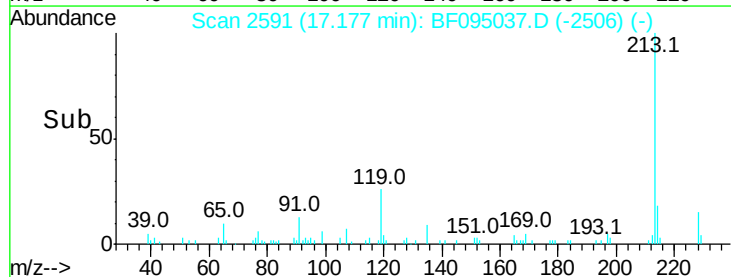
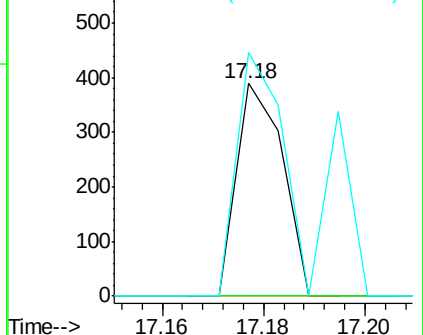
183 114.7 9.8 14.6#

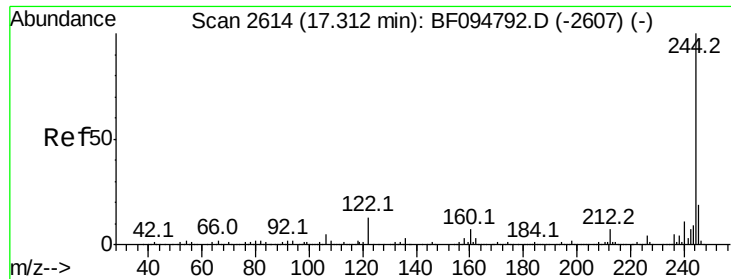


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

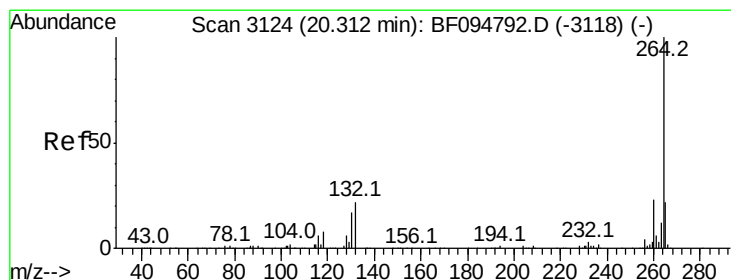
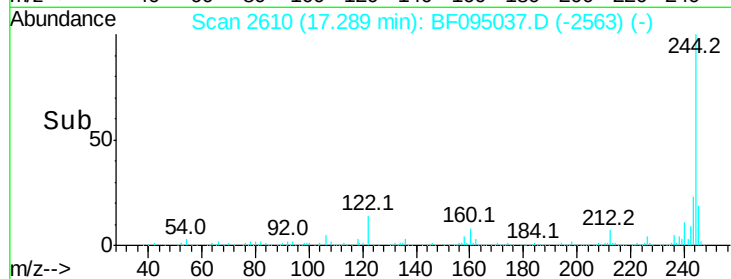
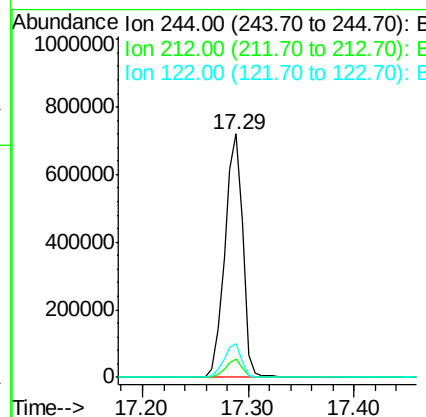
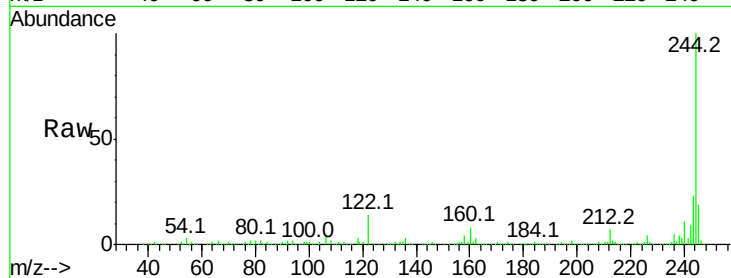




#78
 Terphenyl-d14
 Concen: 70.26 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 855523
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion:264 Resp: 183739
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.7 17.2 25.8

