

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095556.D
 Acq On : 31 May 2017 5:35
 Operator : SJ/MA
 Sample : I3353-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 08:37:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

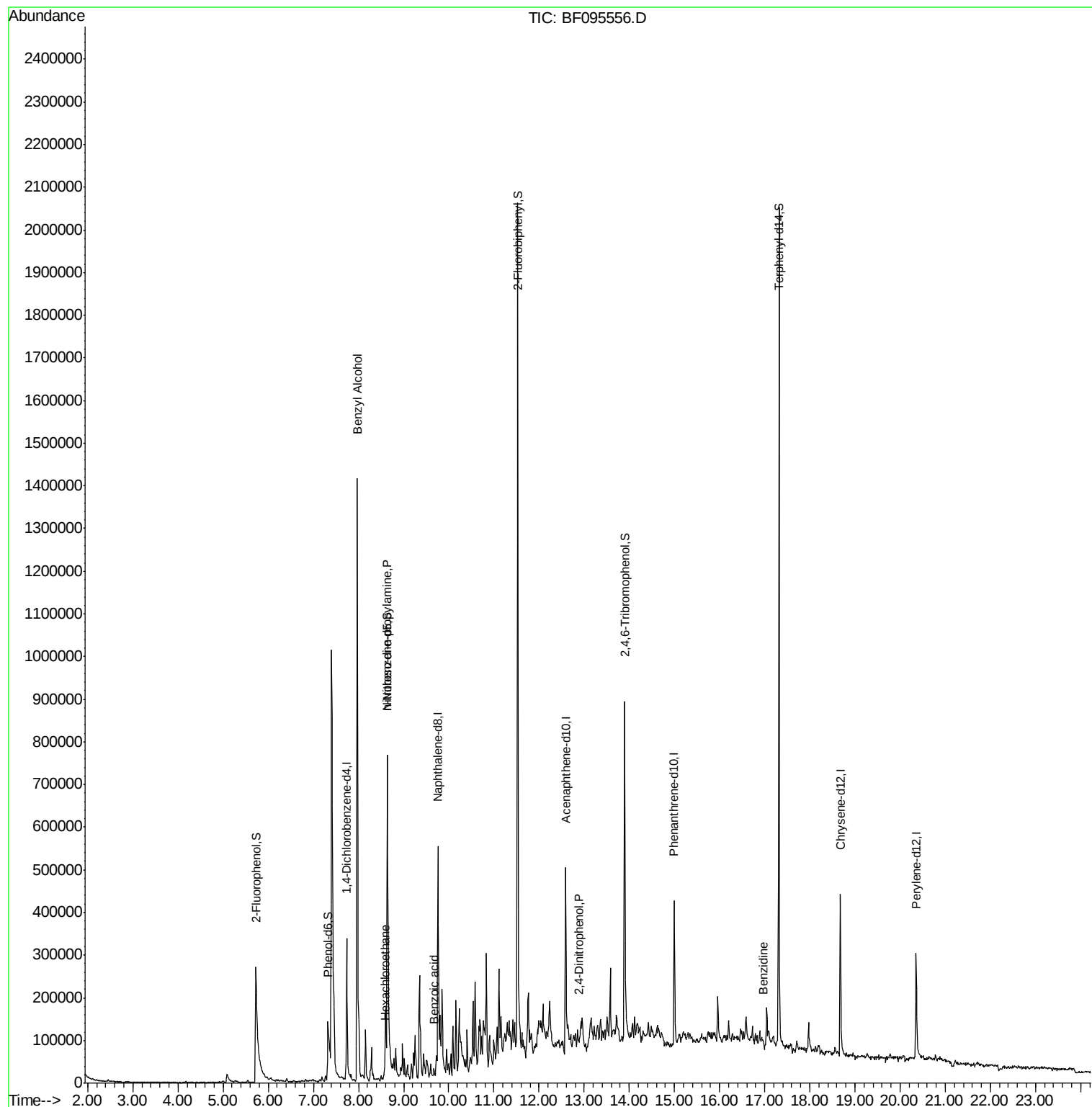
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	83377	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	320519	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	114984	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	175092	20.00	ng	0.00
75) Chrysene-d12	18.68	240	186245	20.00	ng	0.00
86) Perylene-d12	20.35	264	128492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	322167	64.42	ng	0.02
7) Phenol-d6	7.32	99	223695	37.28	ng	0.03
23) Nitrobenzene-d5	8.64	82	502760	98.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	146229	155.28	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	941687	117.88	ng	0.00
78) Terphenyl-d14	17.32	244	750052	88.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	7788	2.02	ng	# 31
18) Hexachloroethane	8.58	117	11557	5.21	ng	# 1
19) n-Nitroso-di-n-propylamine	8.64	70	55446	13.66	ng	# 77
32) Benzoic acid	9.68	122	122	5.12	ng	# 32
53) 2,4-Dinitrophenol	12.88	184	2170	8.13	ng	# 24
76) Benzidine	16.97	184	378	6.65	ng	# 1

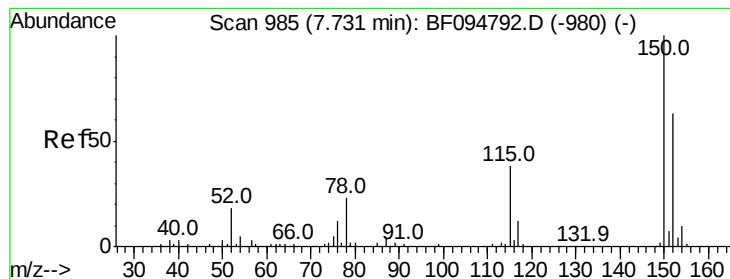
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
Data File : BF095556.D
Acq On : 31 May 2017 5:35
Operator : SJ/MA
Sample : I3353-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 31 08:37:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration



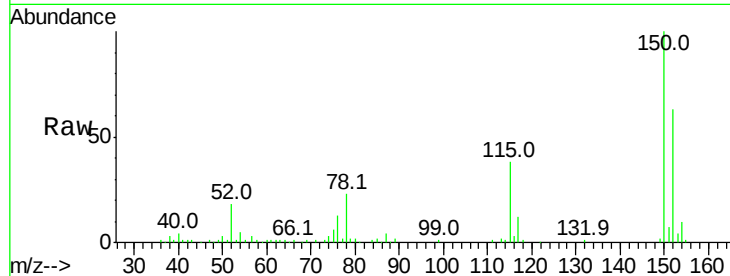


#1

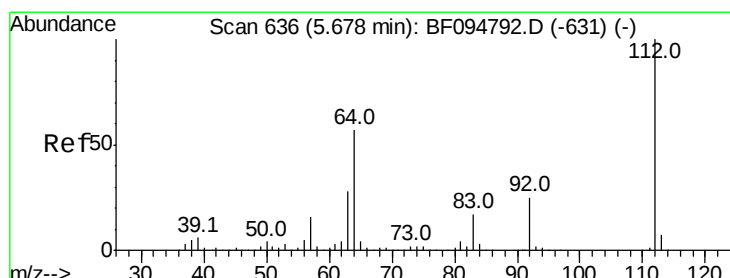
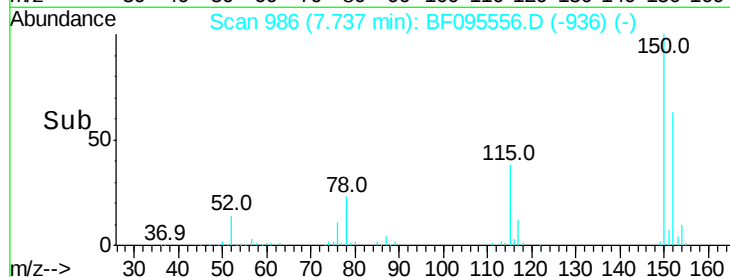
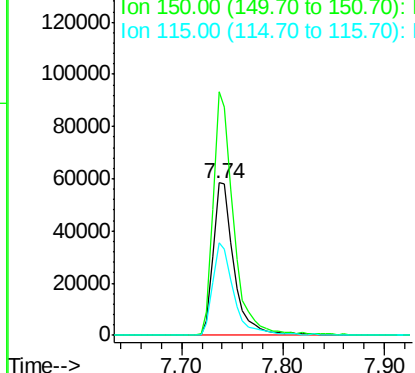
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83377
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 60.5 52.2 78.2



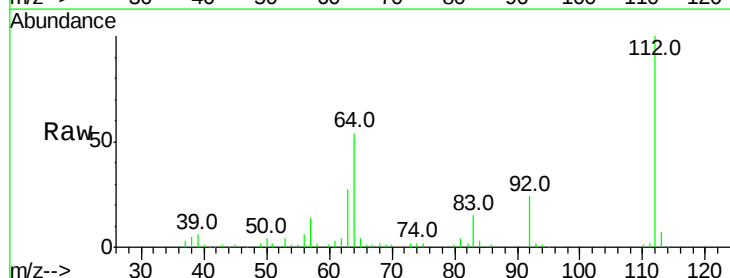
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



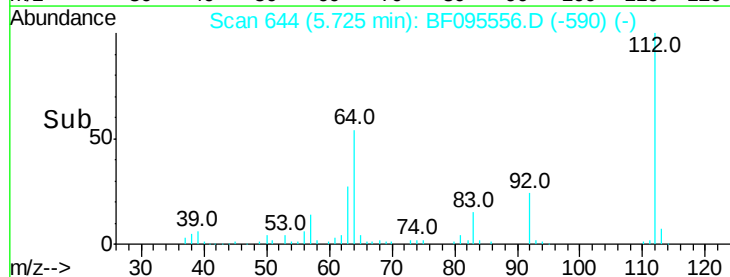
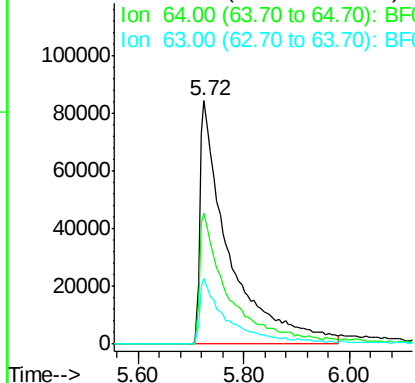
#5

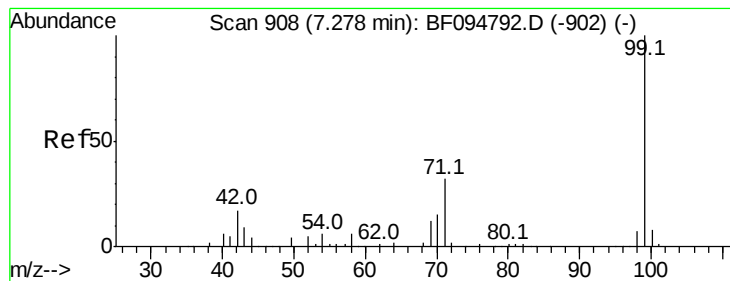
2-Fluorophenol
Concen: 64.42 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Tgt Ion:112 Resp: 322167
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.1 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: 37.28 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Instrument :

BNA_F

ClientSampleId :

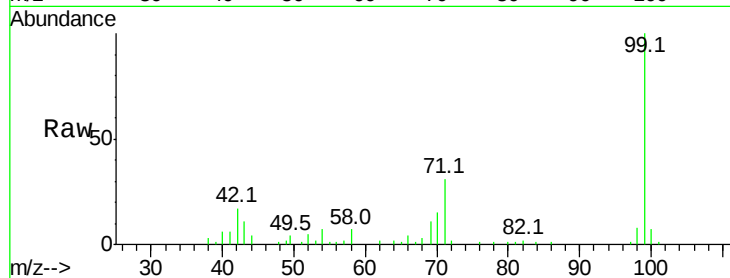
Tot Ion: 99 Resp: 223695

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

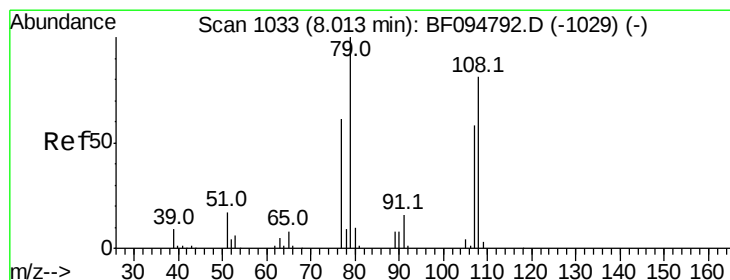
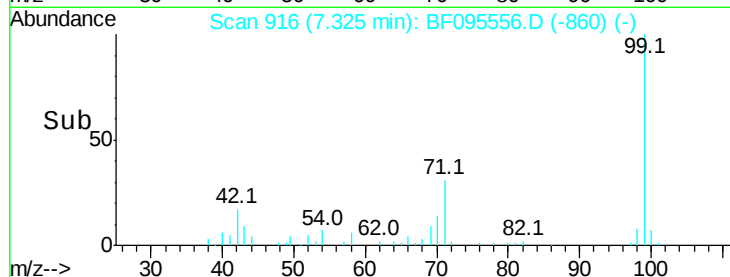
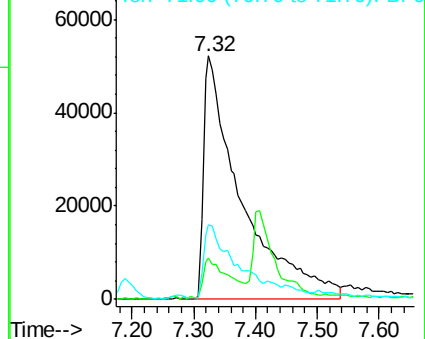
71 30.7 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

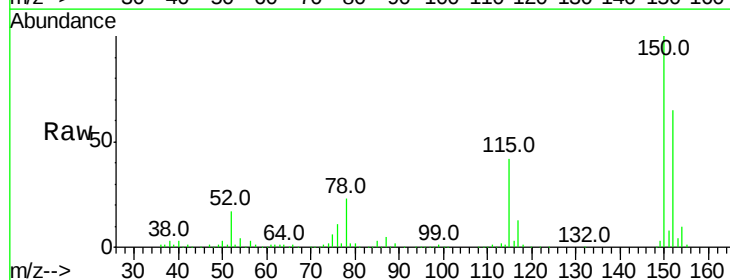
Tgt Ion: 79 Resp: 7788

Ion Ratio Lower Upper

79 100

108 27.4 63.4 95.0#

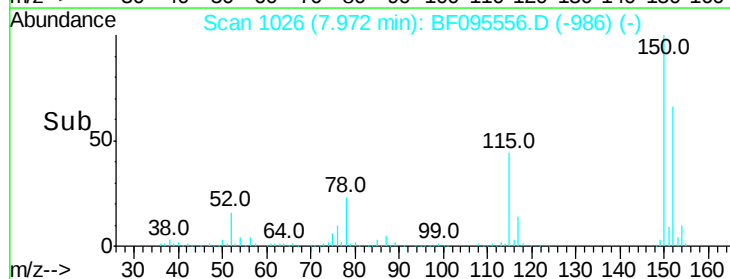
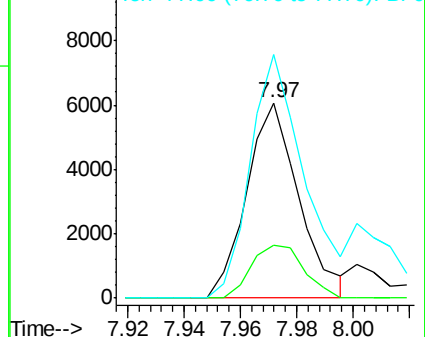
77 124.8 49.2 73.8#

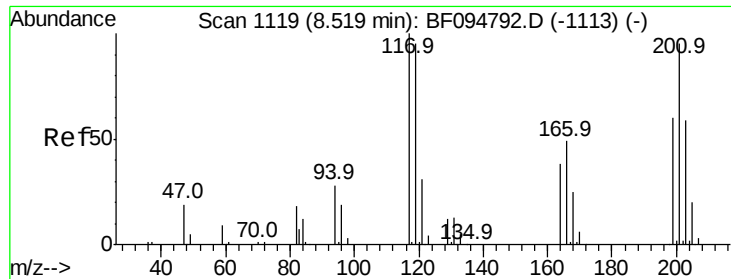


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

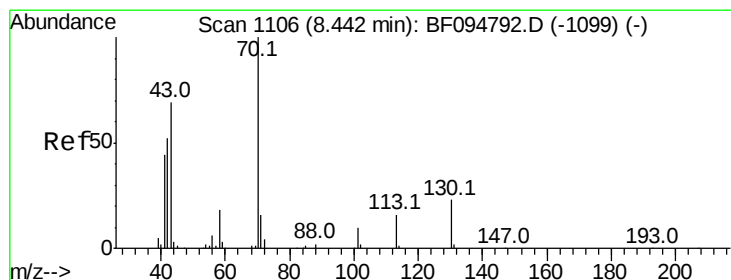
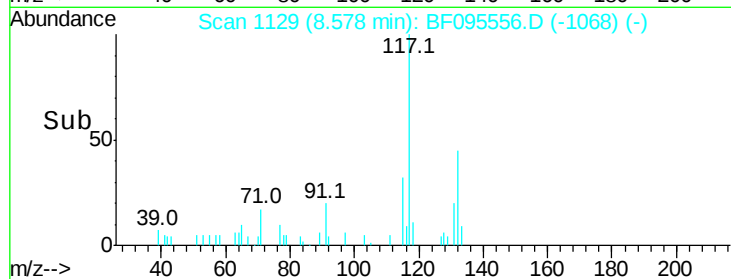
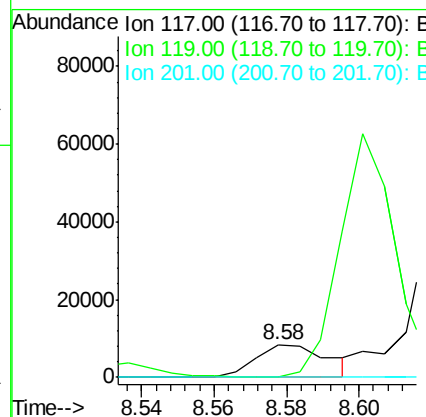
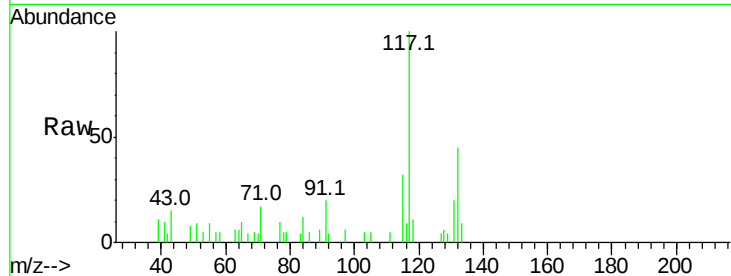




#18
Hexachloroethane
Concen: 5.21 ng
RT: 8.58 min Scan# 1129
Delta R.T. 0.06 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

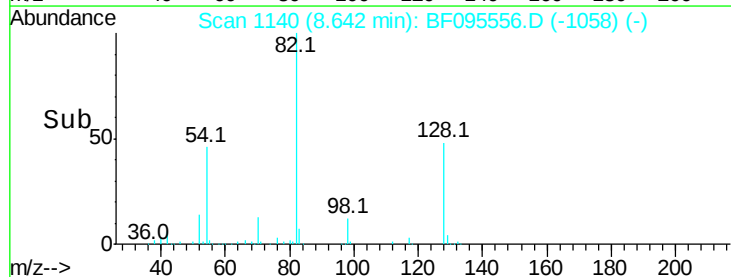
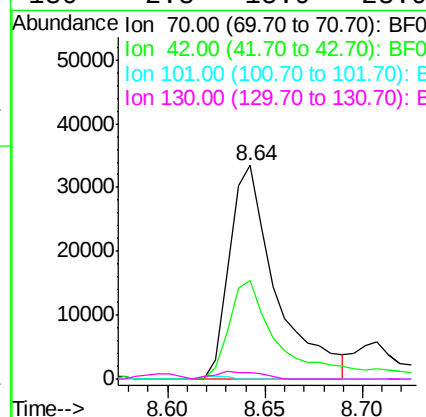
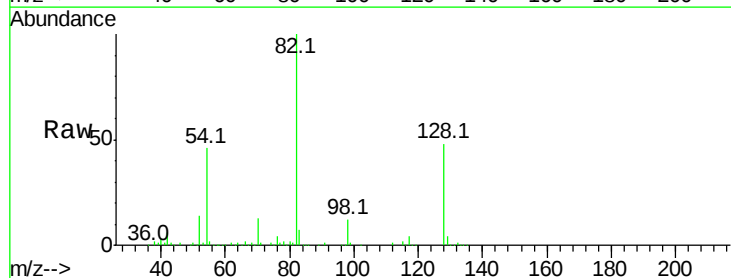
Instrument :
BNA_F
ClientSampleId :

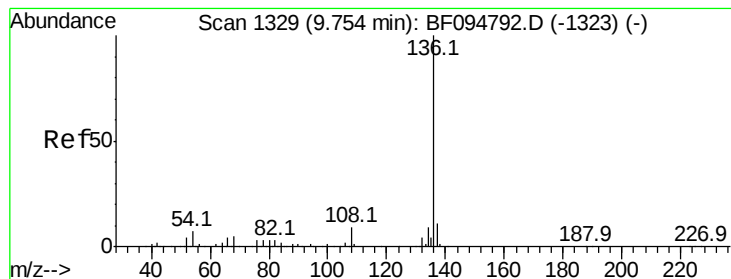
Tot Ion:117 Resp: 11557
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095556.D
Acq: 31 May 2017 5:35

Tgt Ion: 70 Resp: 55446
Ion Ratio Lower Upper
70 100
42 46.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.76 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 320519

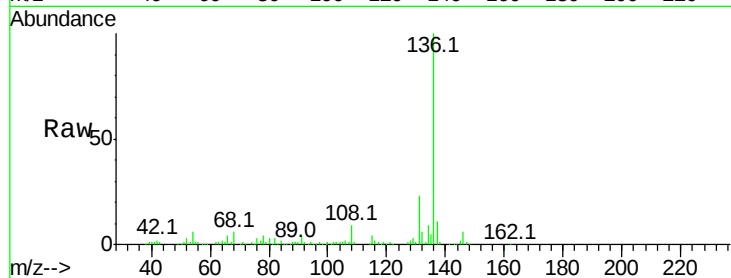
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 4.9 7.3

68 5.8 4.1 6.1

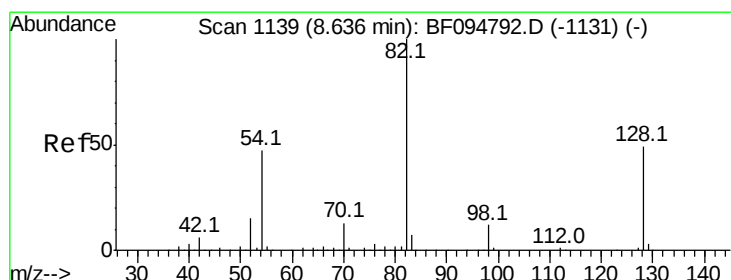
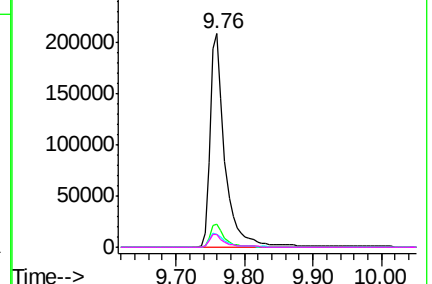
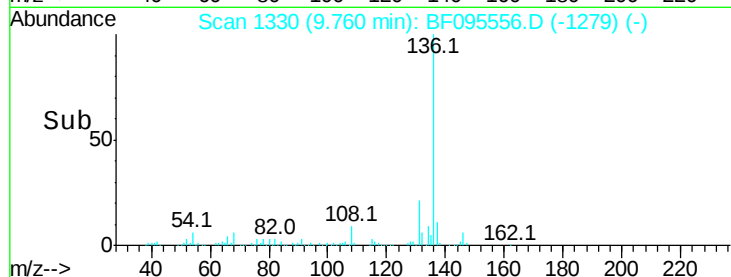


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.91 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

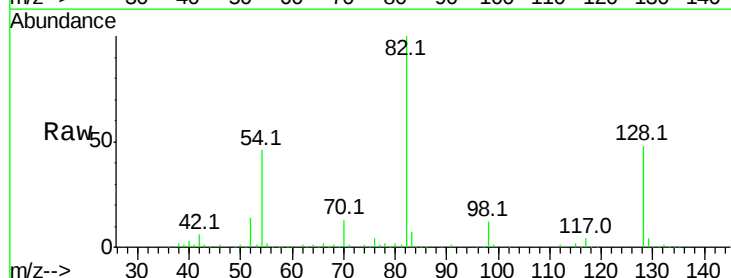
Tgt Ion: 82 Resp: 502760

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

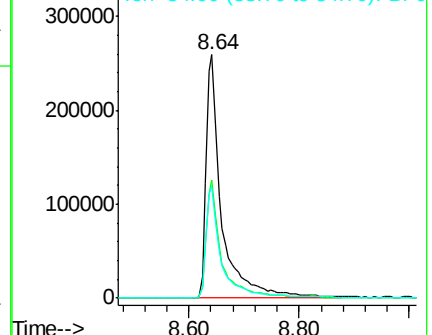
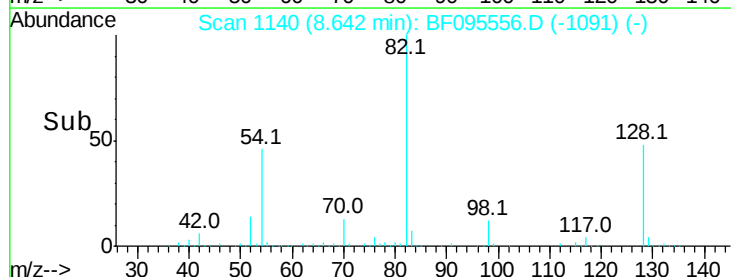
54 46.0 42.2 63.2

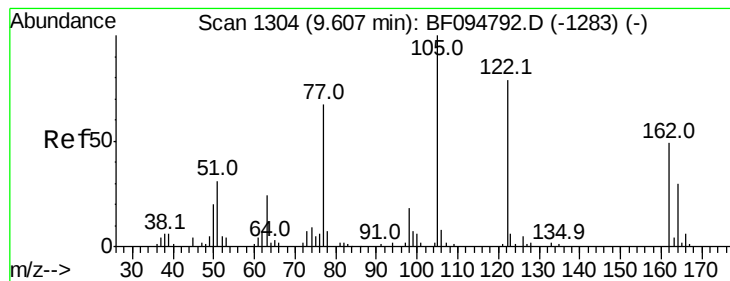


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.12 ng

RT: 9.68 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Instrument :

BNA_F

ClientSampleId :

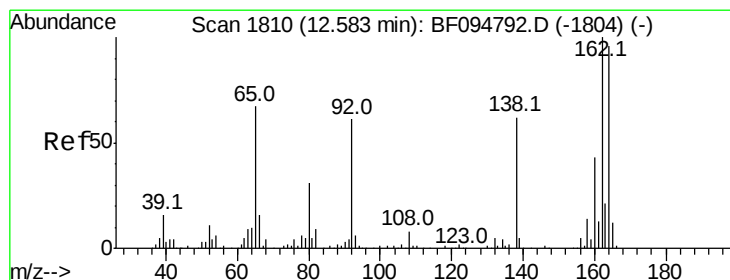
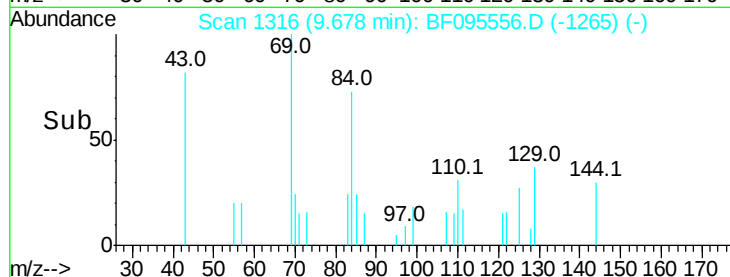
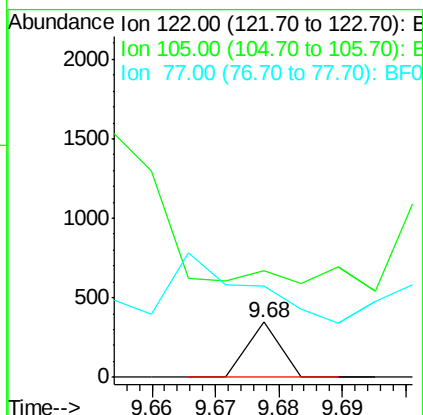
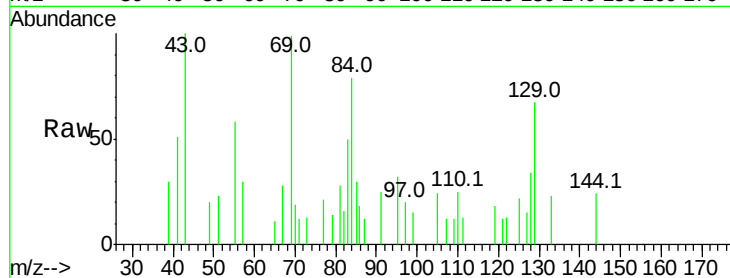
Tot Ion:122 Resp: 122

Ion Ratio Lower Upper

122 100

105 193.3 103.3 143.3#

77 166.1 73.7 113.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

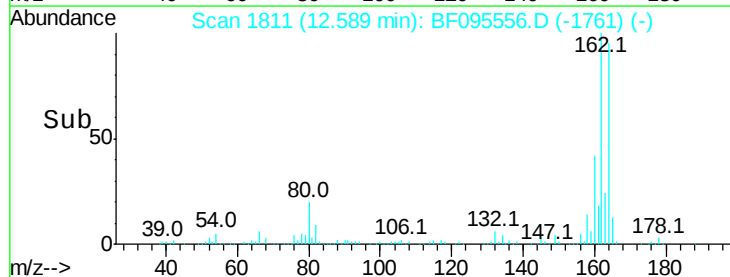
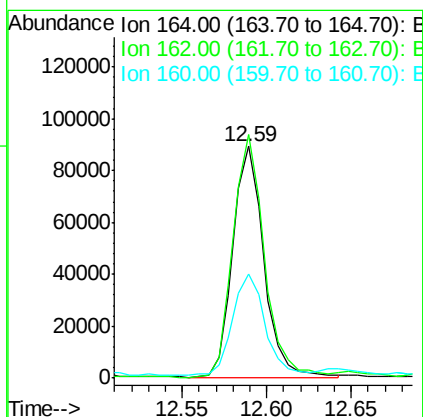
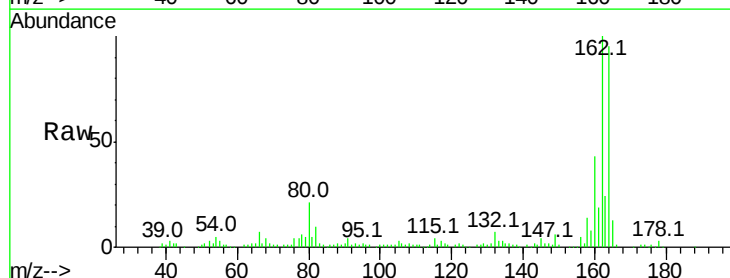
Tgt Ion:164 Resp: 114984

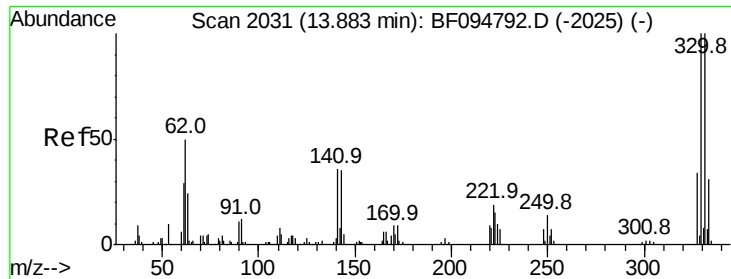
Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

160 45.1 36.2 54.2

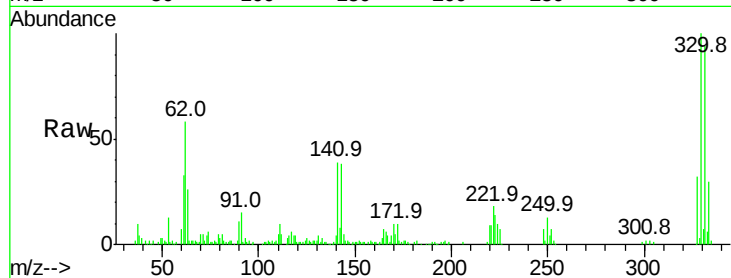




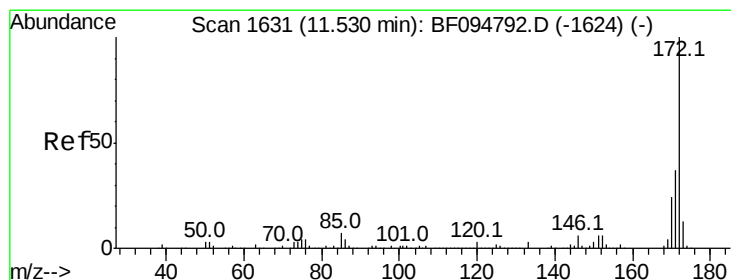
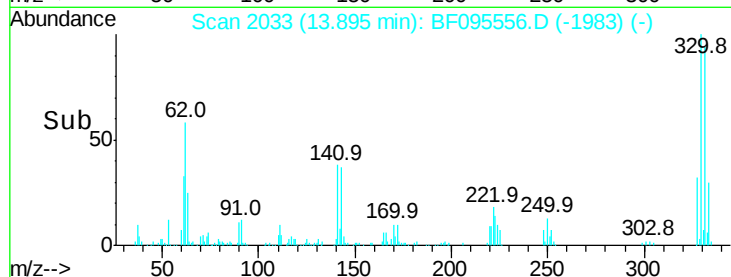
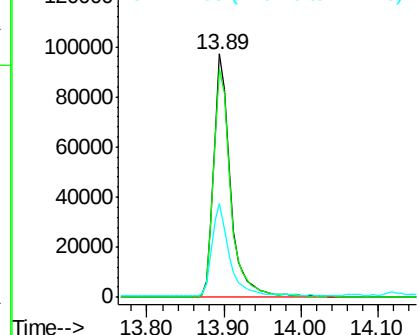
#41
 2,4,6-Tribromophenol
 Concen: 155.28 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146229
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 39.1 31.4 47.2

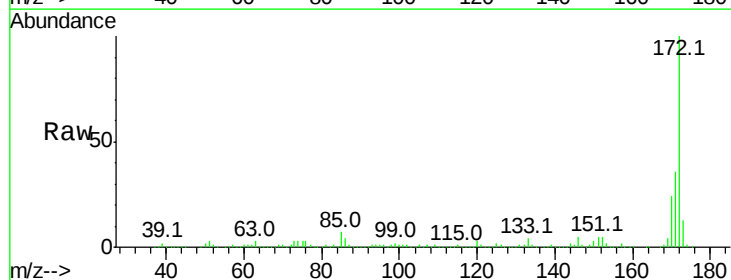


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

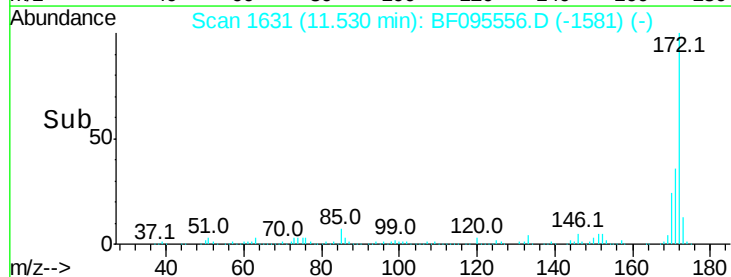
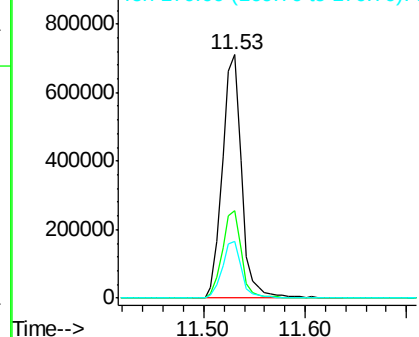


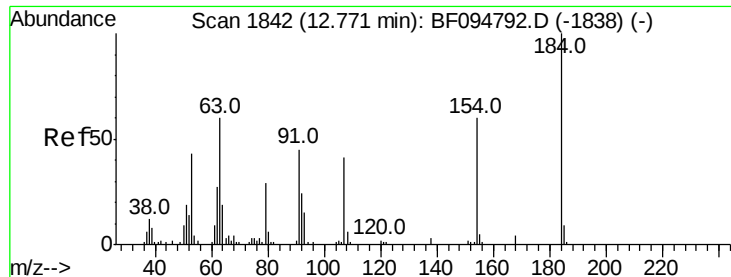
#44
 2-Fluorobiphenyl
 Concen: 117.88 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Tgt Ion:172 Resp: 941687
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 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

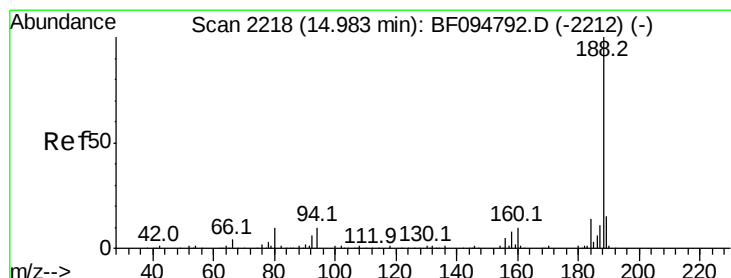
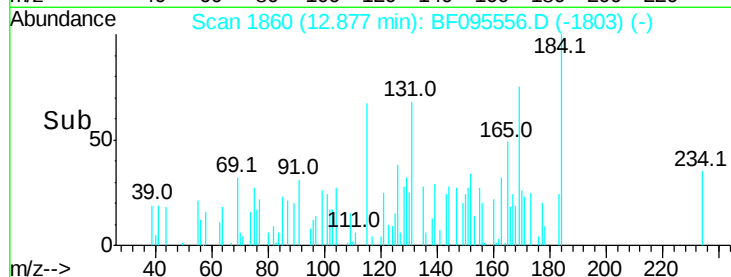
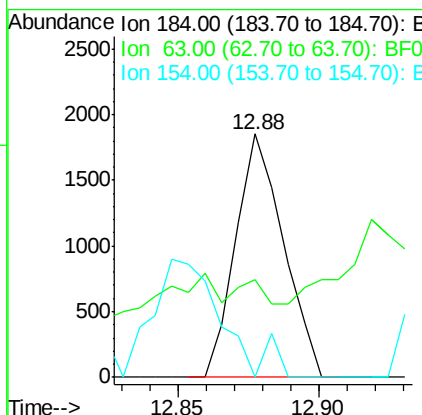
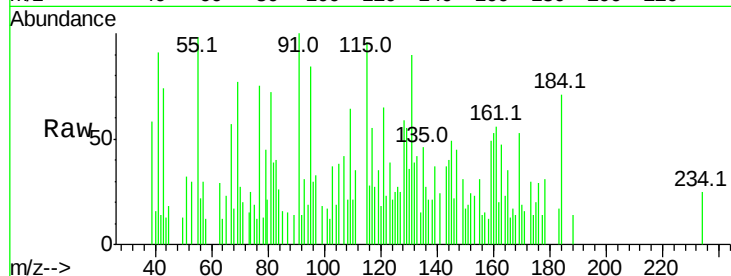




#53
 2,4-Dinitrophenol
 Concen: 8.13 ng
 RT: 12.88 min Scan# 1860
 Delta R.T. 0.04 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

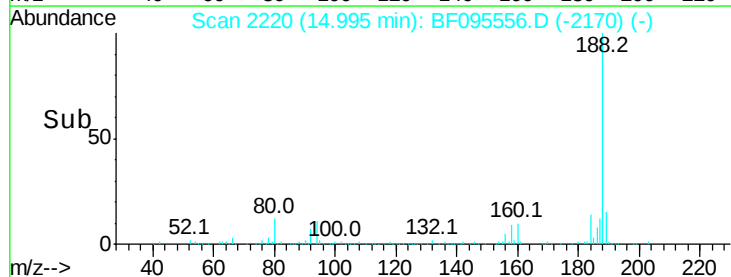
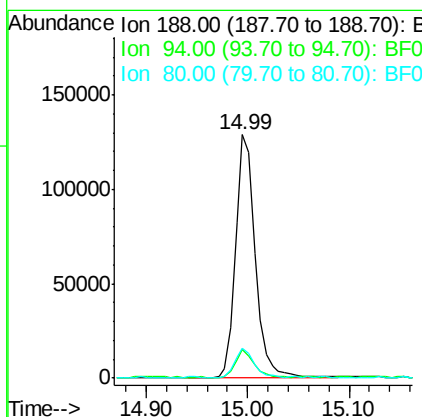
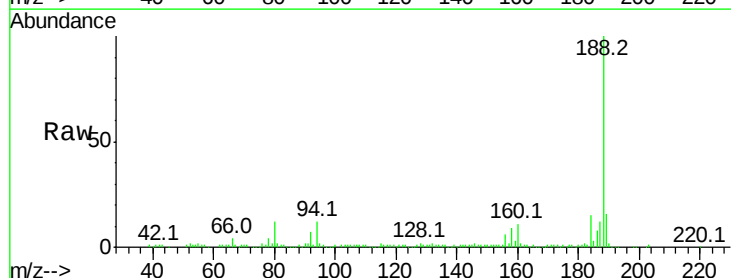
Instrument :
 BNA_F
 ClientSampled :

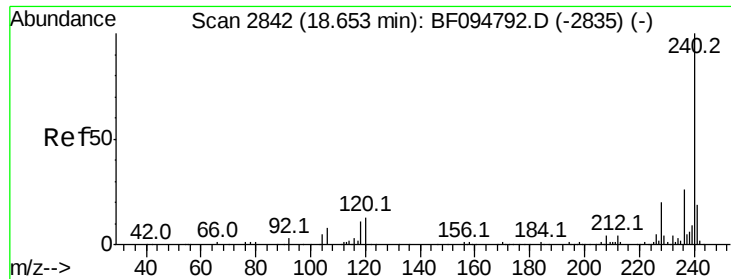
Tot Ion:184 Resp: 2170
 Ion Ratio Lower Upper
 184 100
 63 40.2 62.7 94.1#
 154 0.0 81.1 121.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF095556.D
 Acq: 31 May 2017 5:35

Tgt Ion:188 Resp: 175092
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Instrument :

BNA_F

ClientSampleId :

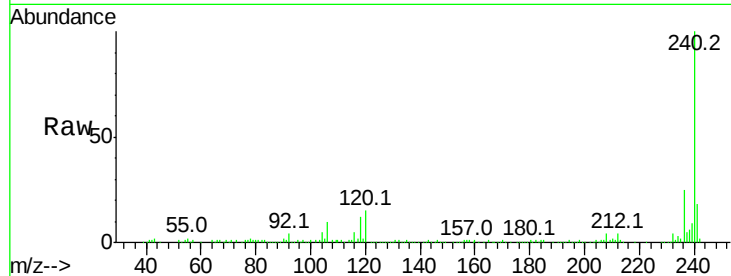
Tot Ion:240 Resp: 186245

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

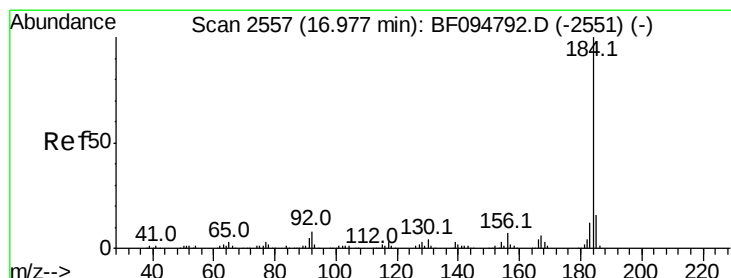
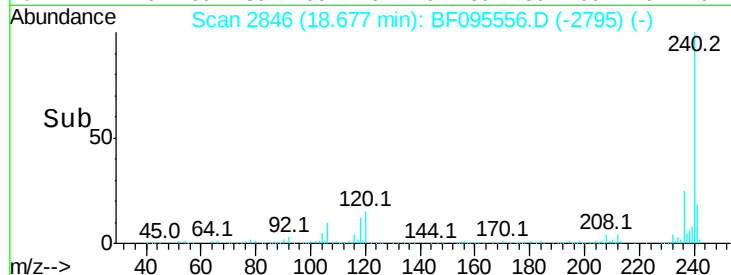
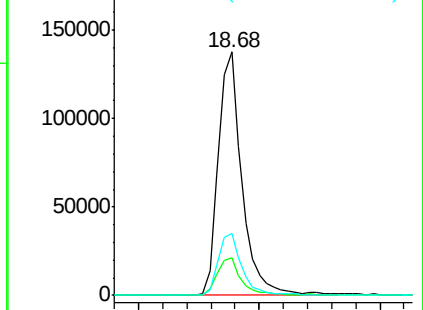
236 25.2 20.5 30.7



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: 6.65 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.04 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

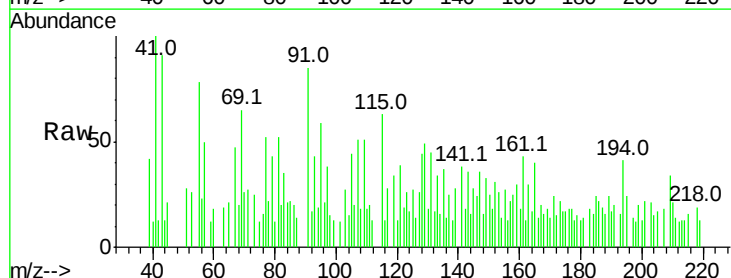
Tgt Ion:184 Resp: 378

Ion Ratio Lower Upper

184 100

185 153.5 15.5 23.3#

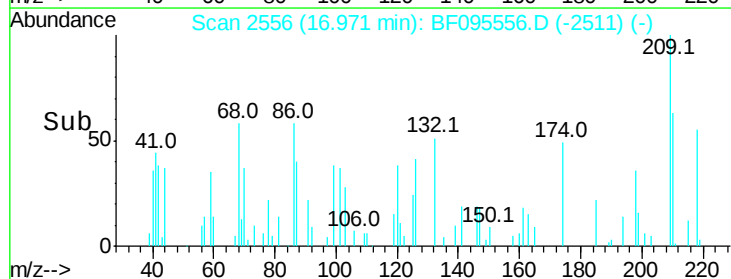
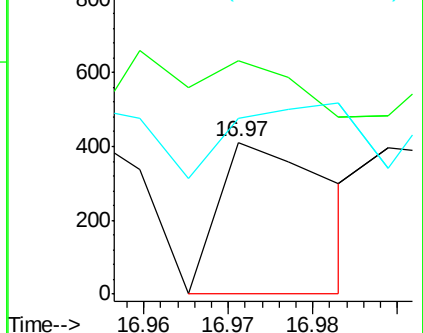
183 115.6 9.8 14.6#

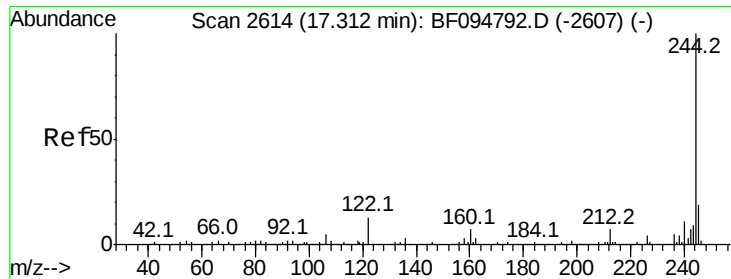


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 88.70 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

Instrument :

BNA_F

ClientSampleId :

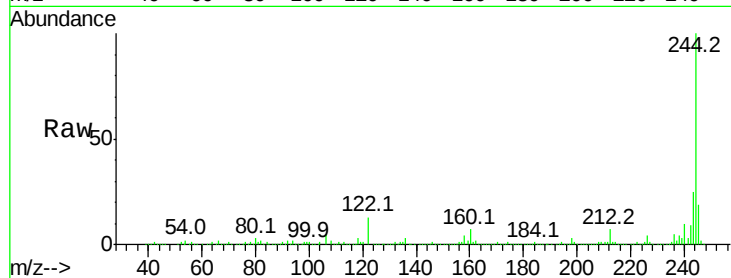
Tot Ion:244 Resp: 750052

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

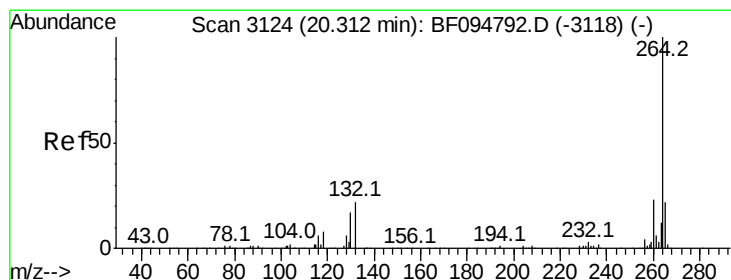
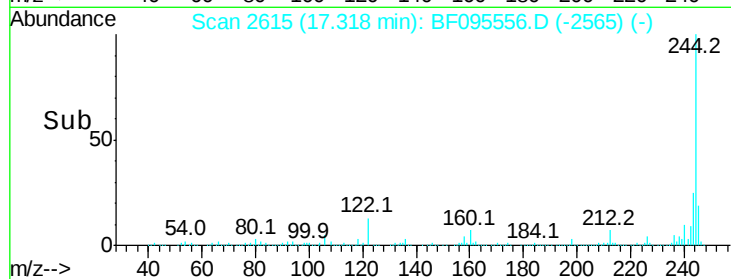
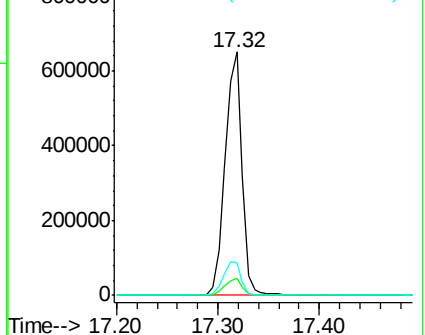
122 13.3 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.35 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BF095556.D

Acq: 31 May 2017 5:35

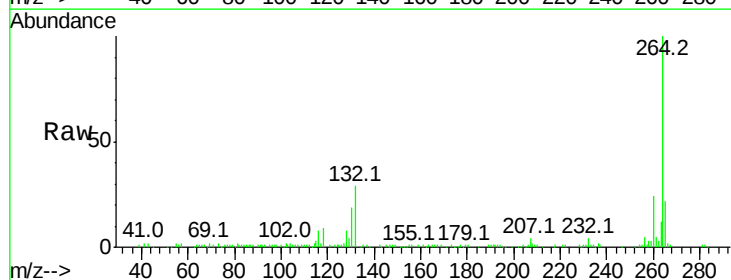
Tgt Ion:264 Resp: 128492

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.2 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

