

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095616.D
 Acq On : 2 Jun 2017 3:54
 Operator : SJ/MA
 Sample : I3412-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 04:53:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

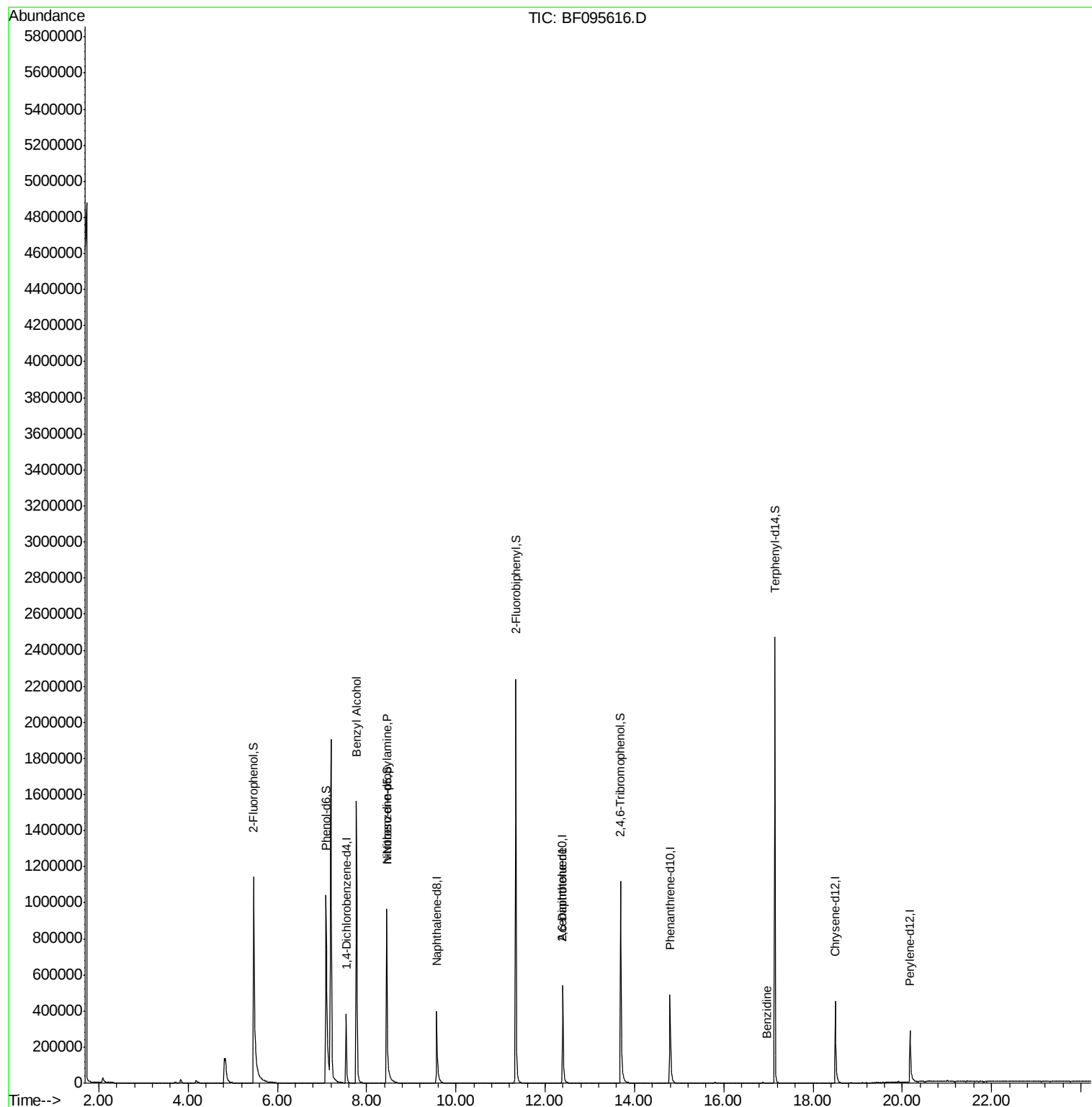
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	93790	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	367324	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	176905	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	337625	20.00	ng	0.00
75) Chrysene-d12	18.50	240	272212	20.00	ng	0.00
86) Perylene-d12	20.17	264	191454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	784029	139.37	ng	0.02
7) Phenol-d6	7.09	99	883478	130.89	ng	0.00
23) Nitrobenzene-d5	8.45	82	566569	97.26	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	223662	154.38	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1151053	93.65	ng	0.00
78) Terphenyl-d14	17.15	244	1016144	82.22	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	9282	2.14	ng	# 34
19) n-Nitroso-di-n-propylamine	8.45	70	69282	15.18	ng	# 75
50) 2,6-Dinitrotoluene	12.39	165	21942	7.41	ng	# 31
76) Benzidine	16.97	184	114	6.60	ng	# 62

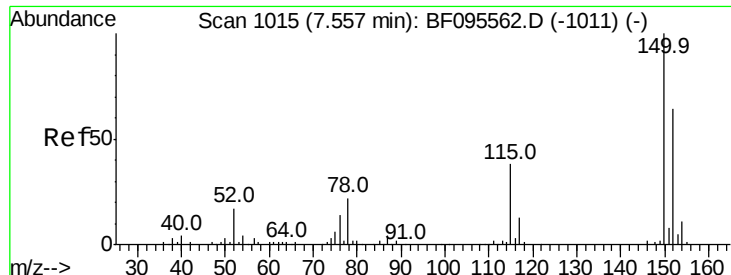
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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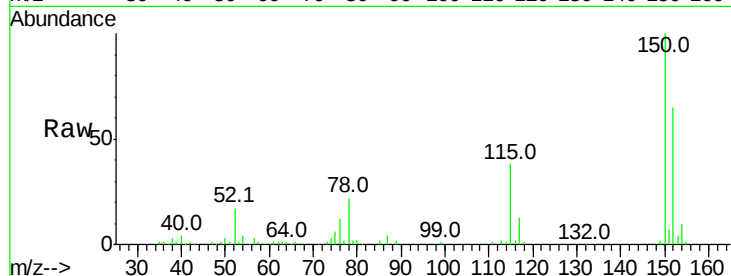


#1

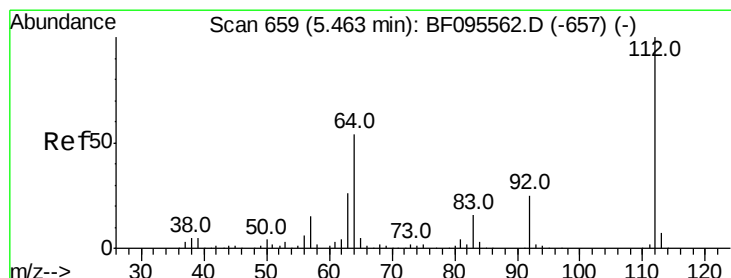
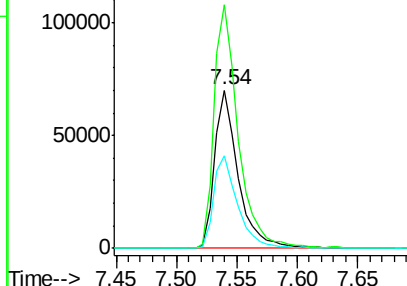
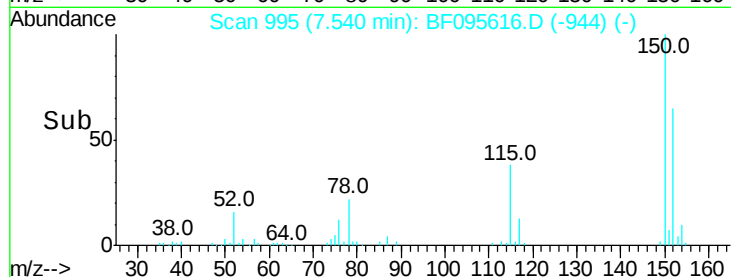
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93790
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 58.6 52.2 78.2



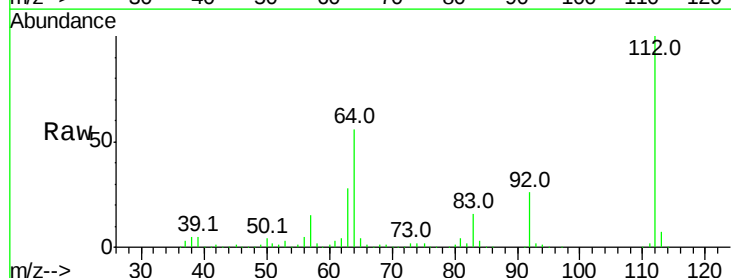
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



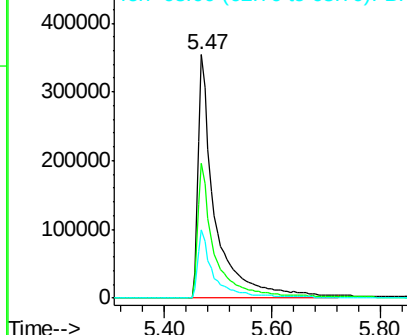
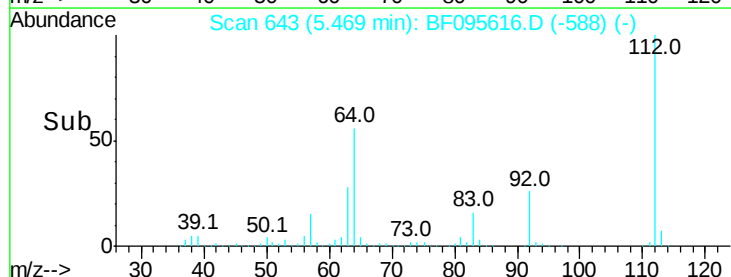
#5

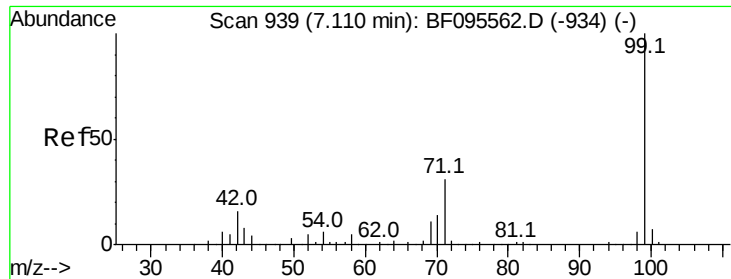
2-Fluorophenol
Concen: 139.37 ng
RT: 5.47 min Scan# 643
Delta R.T. 0.02 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion:112 Resp: 784029
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.9 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: 130.89 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampled :

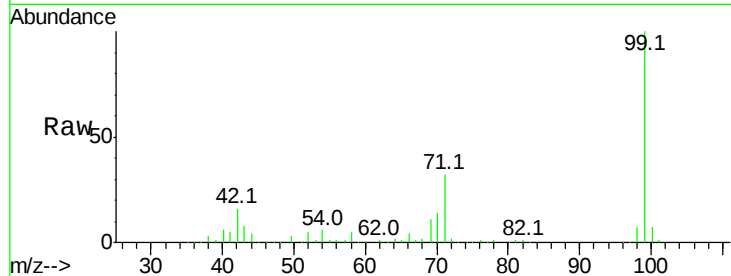
Tot Ion: 99 Resp: 883478

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

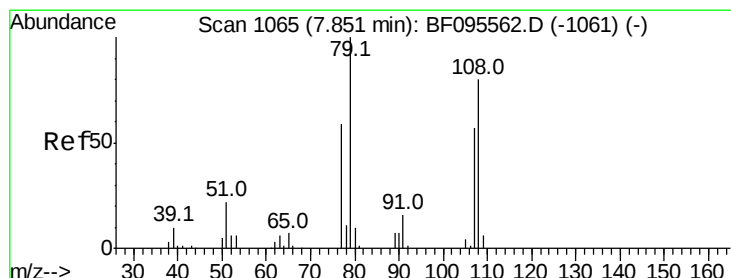
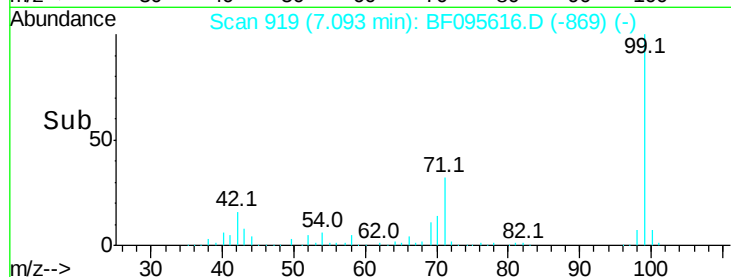
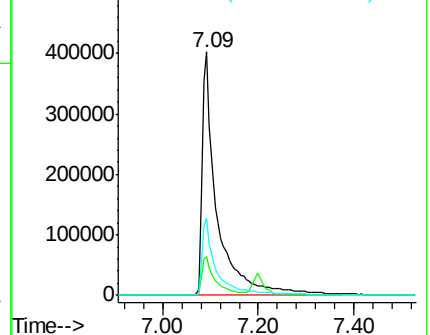
71 31.6 24.5 36.7



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: 2.14 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

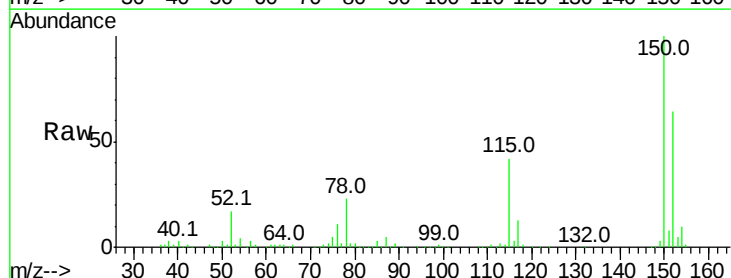
Tgt Ion: 79 Resp: 9282

Ion Ratio Lower Upper

79 100

108 29.4 63.4 95.0#

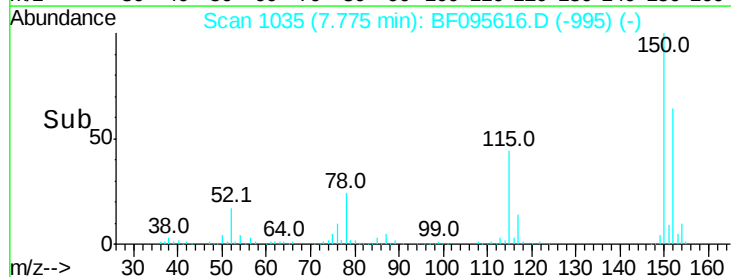
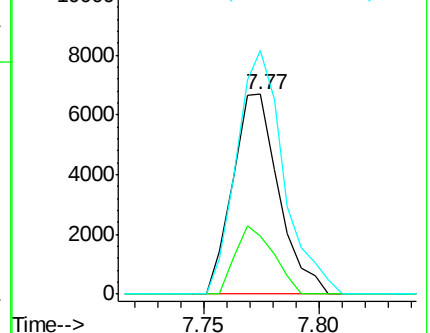
77 122.0 49.2 73.8#

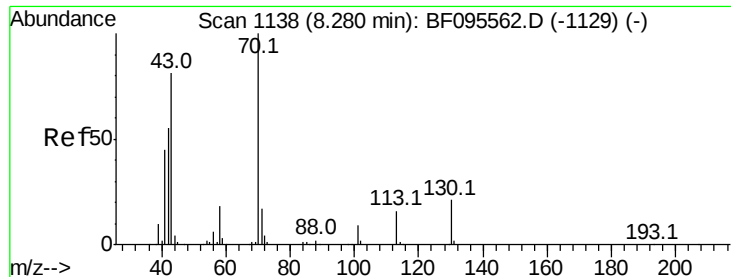


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

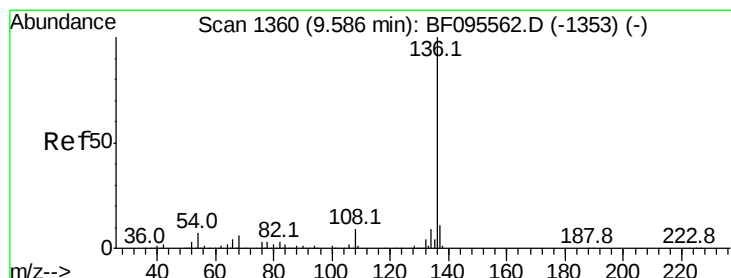
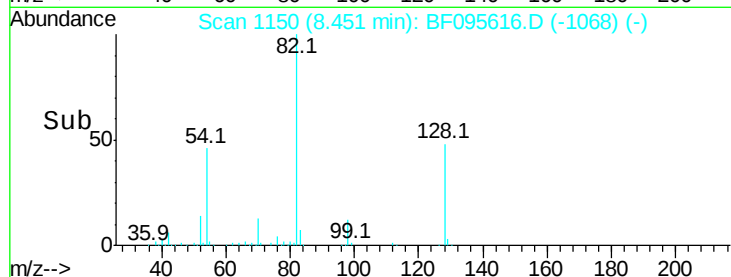
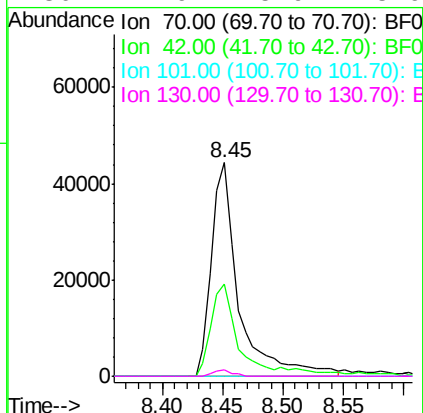
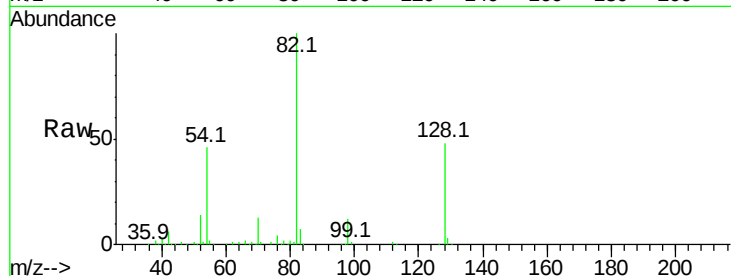




#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

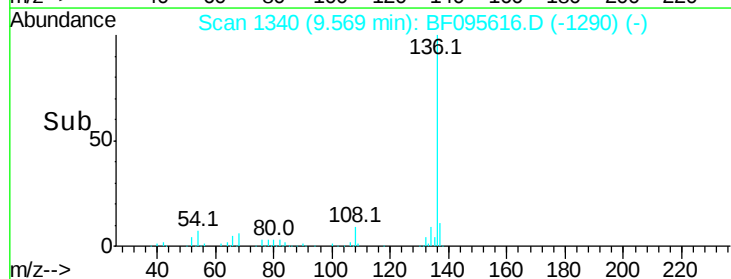
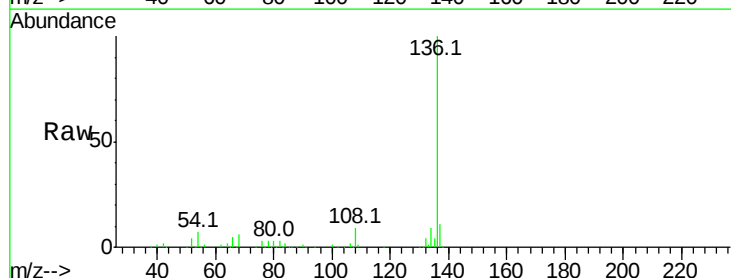
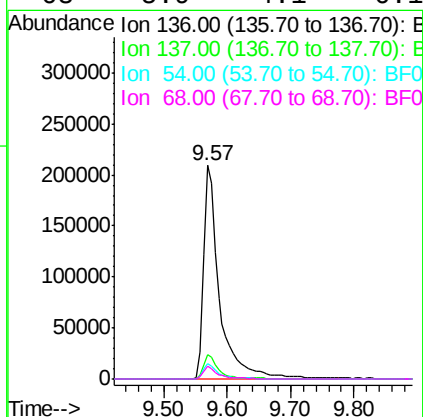
Instrument :
BNA_F
ClientSampleId :

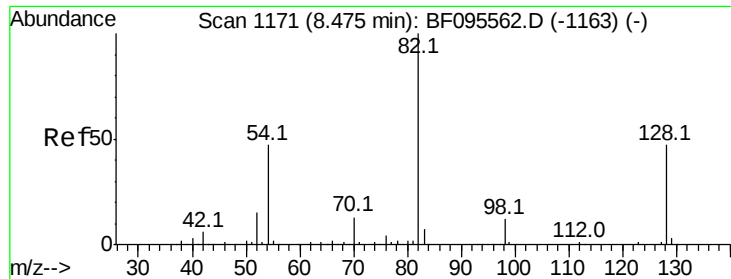
Tot Ion: 70 Resp: 69282
Ion Ratio Lower Upper
70 100
42 43.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion:136 Resp: 367324
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.2 4.9 7.3
68 5.9 4.1 6.1

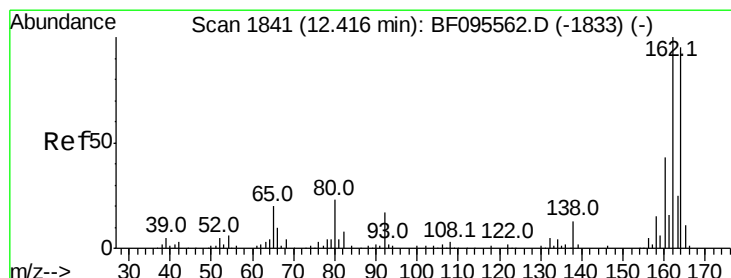
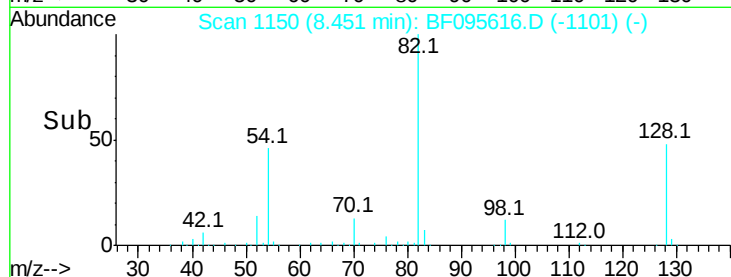
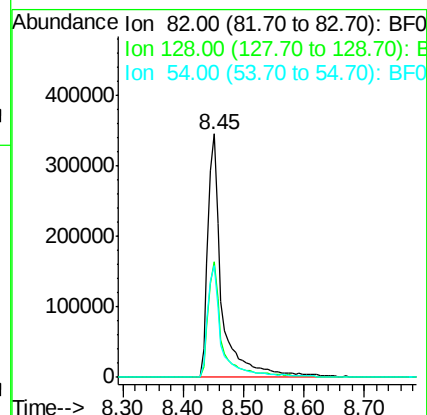
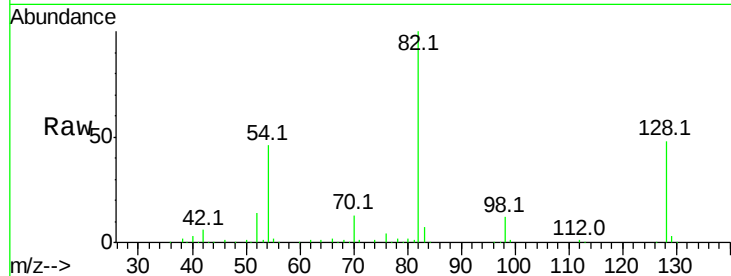




#23
Nitrobenzene-d5
Concen: 97.26 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

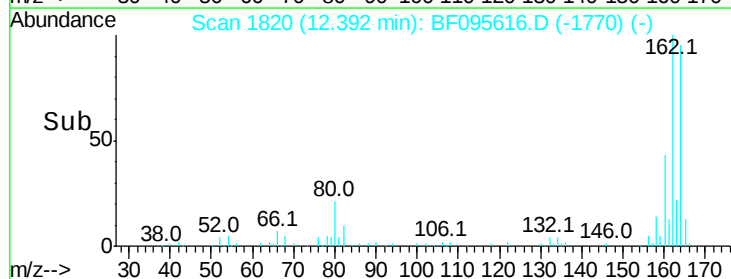
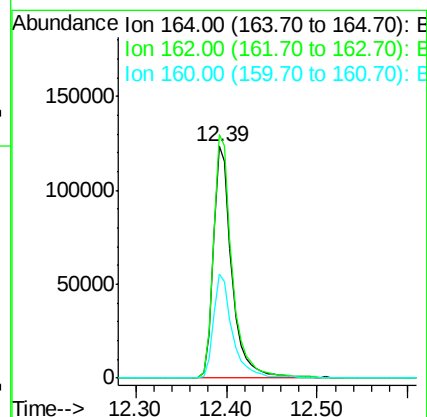
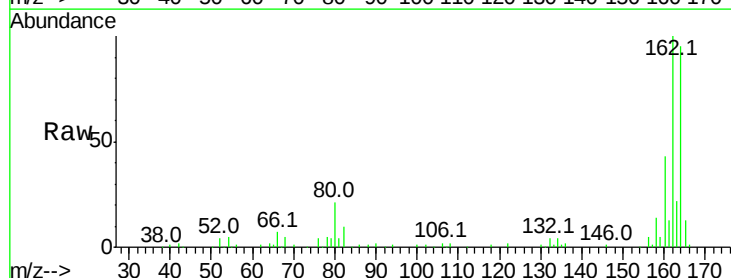
Instrument :
BNA_F
ClientSampled :

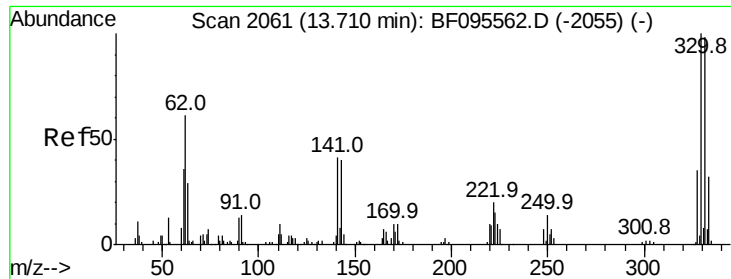
Tot Ion: 82 Resp: 566569
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 45.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion:164 Resp: 176905
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 45.2 36.2 54.2

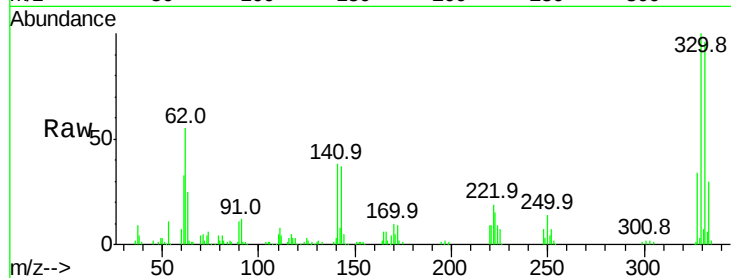




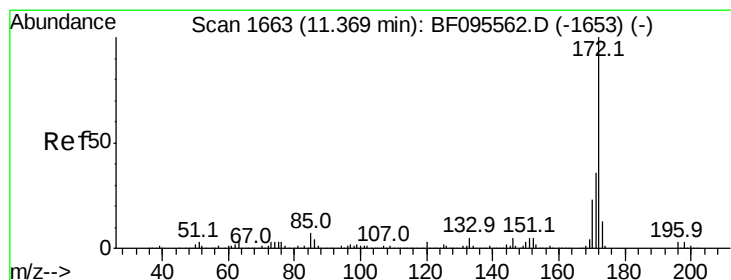
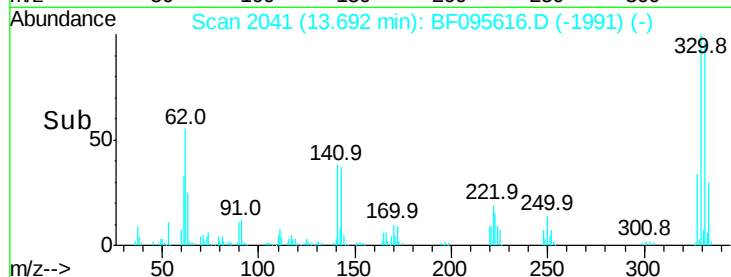
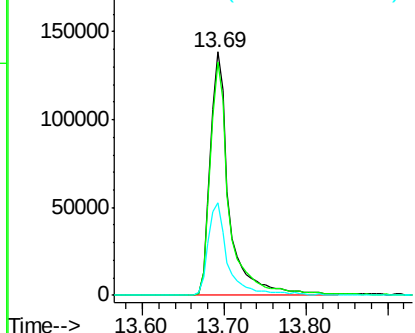
#41
 2,4,6-Tribromophenol
 Concen: 154.38 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223662
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.9 31.4 47.2

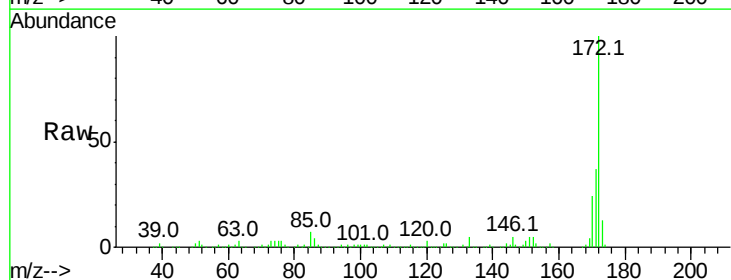


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

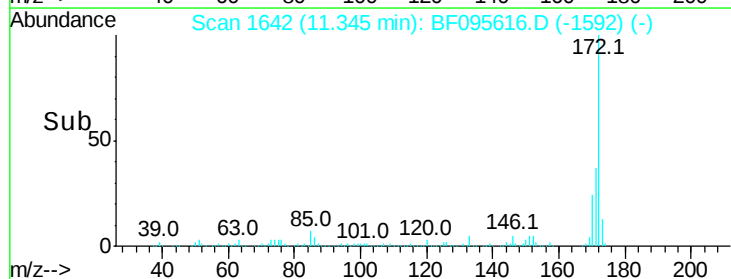
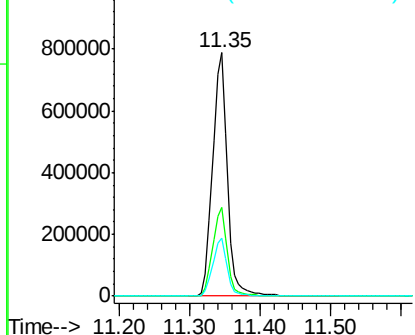


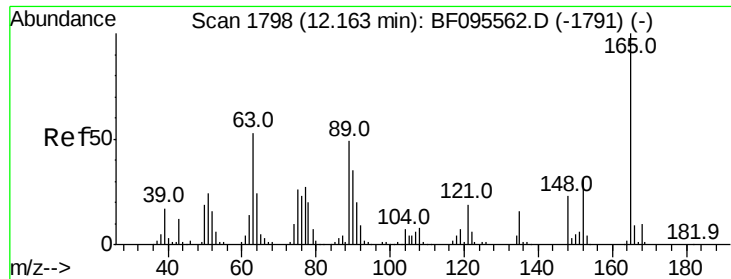
#44
 2-Fluorobiphenyl
 Concen: 93.65 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:172 Resp: 1151053
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.7 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

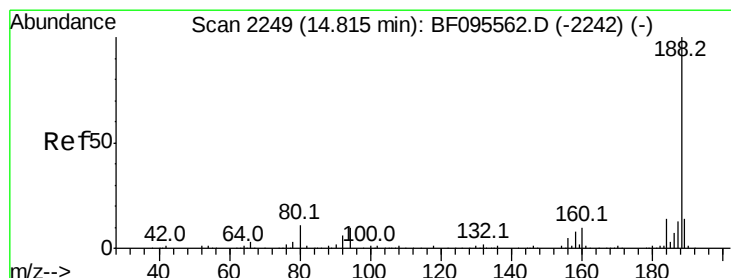
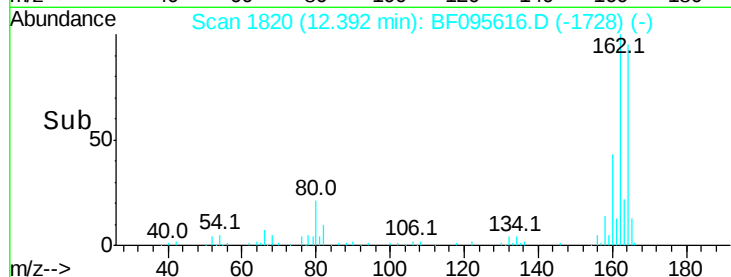
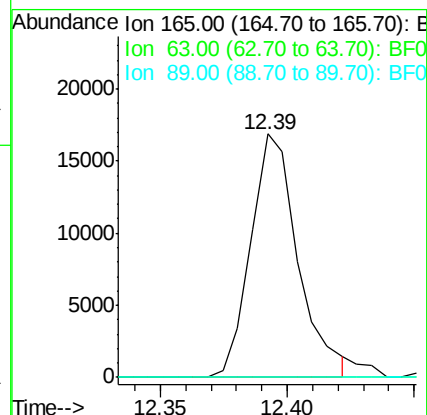
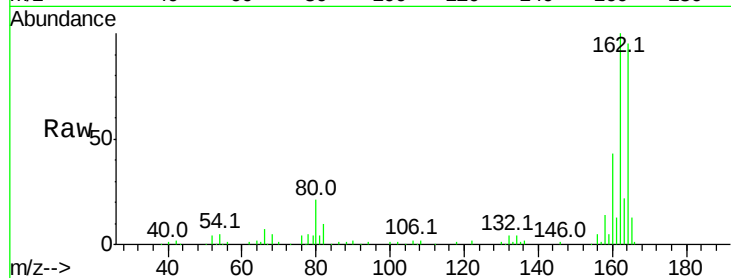




#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

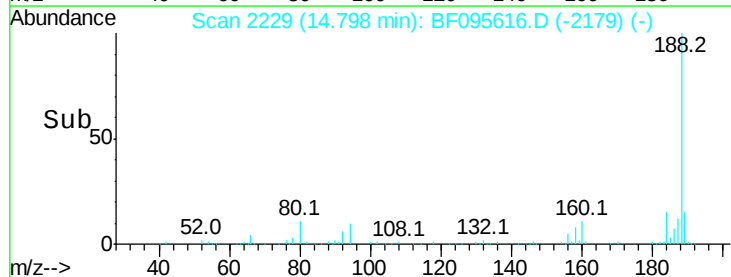
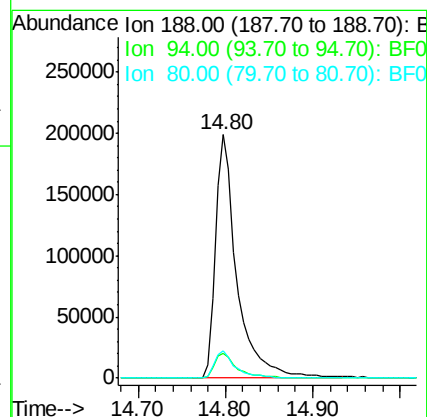
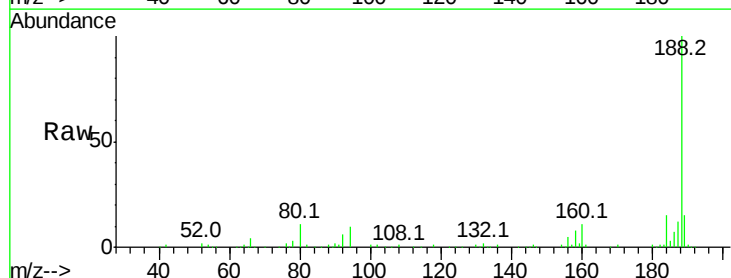
Instrument :
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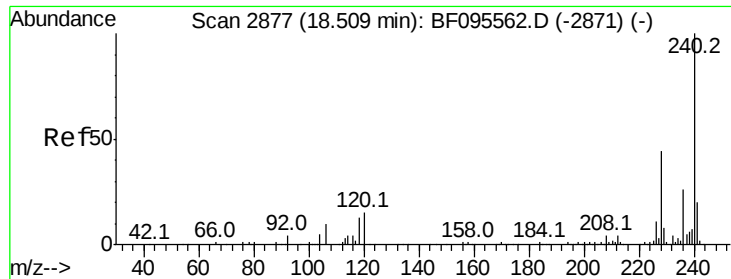
Tot Ion:165 Resp: 21942
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:188 Resp: 337625
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

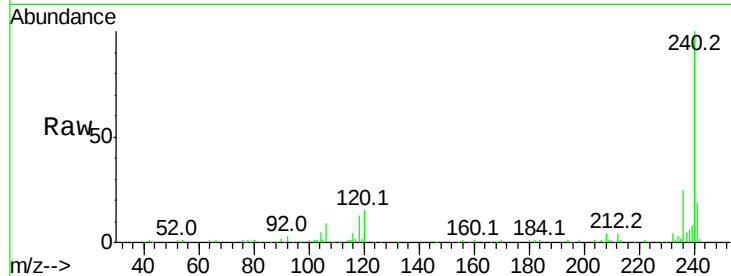
Tot Ion:240 Resp: 272212

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

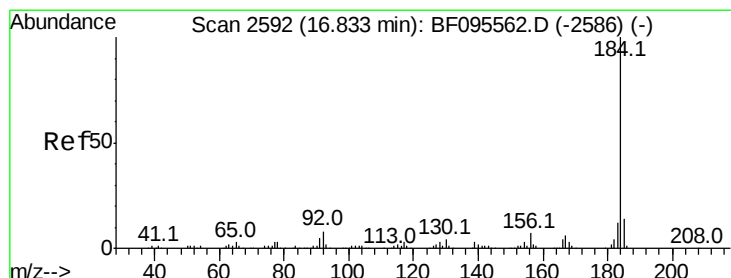
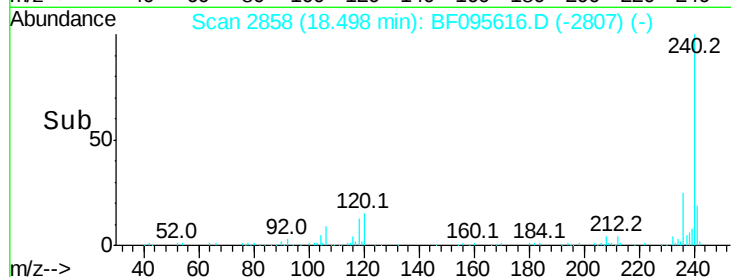
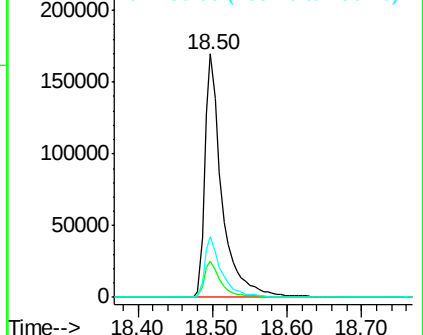
236 24.7 20.5 30.7



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: 6.60 ng

RT: 16.97 min Scan# 2598

Delta R.T. 0.15 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

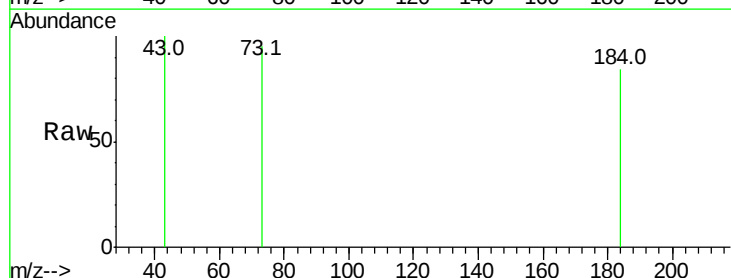
Tgt Ion:184 Resp: 114

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

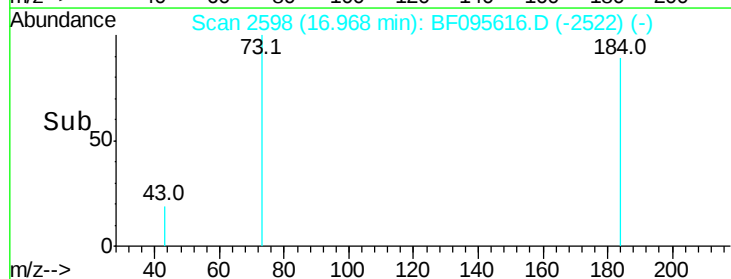
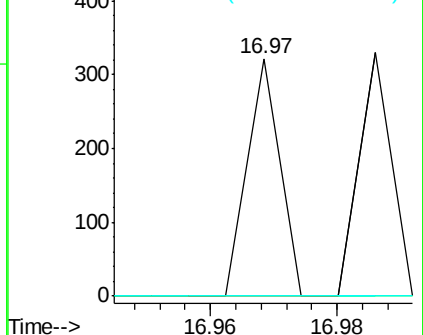
183 0.0 9.8 14.6#

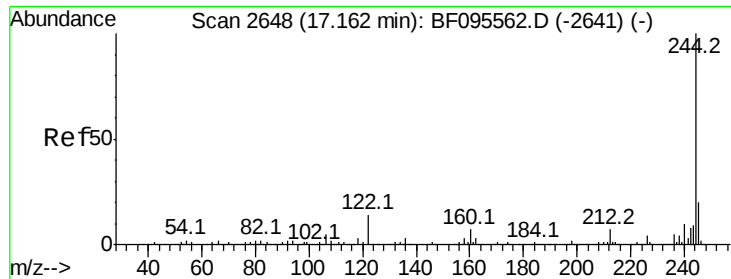


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

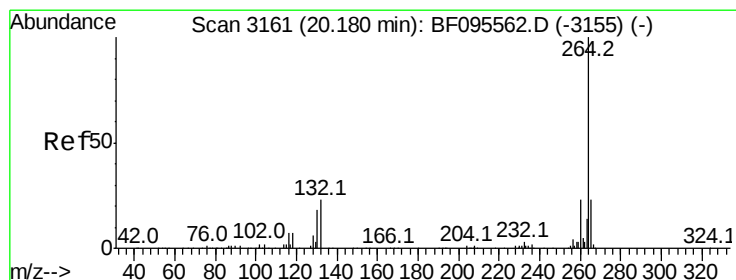
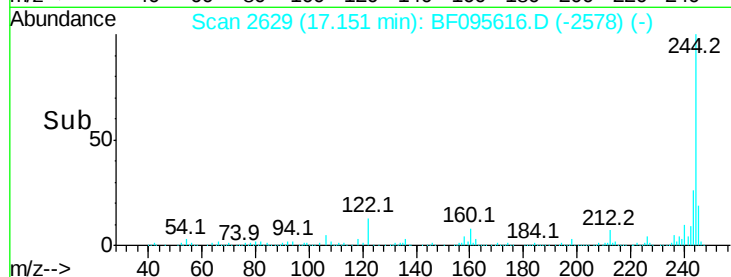
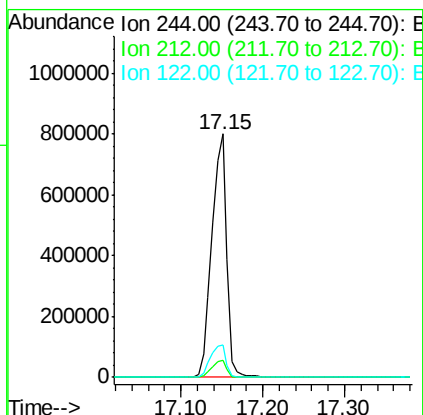
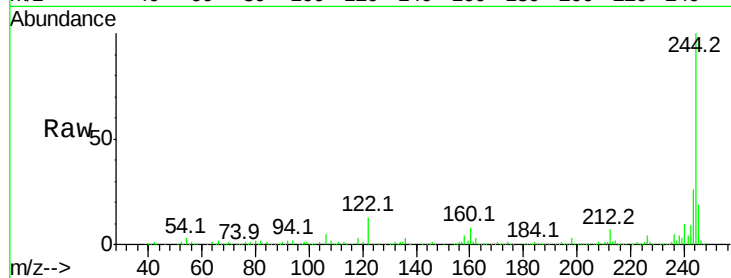




#78
 Terphenyl-d14
 Concen: 82.22 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1016144
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:264 Resp: 191454
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.3 17.2 25.8

