

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095601.D
 Acq On : 1 Jun 2017 18:37
 Operator : SJ/MA
 Sample : I3380-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:24:39 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

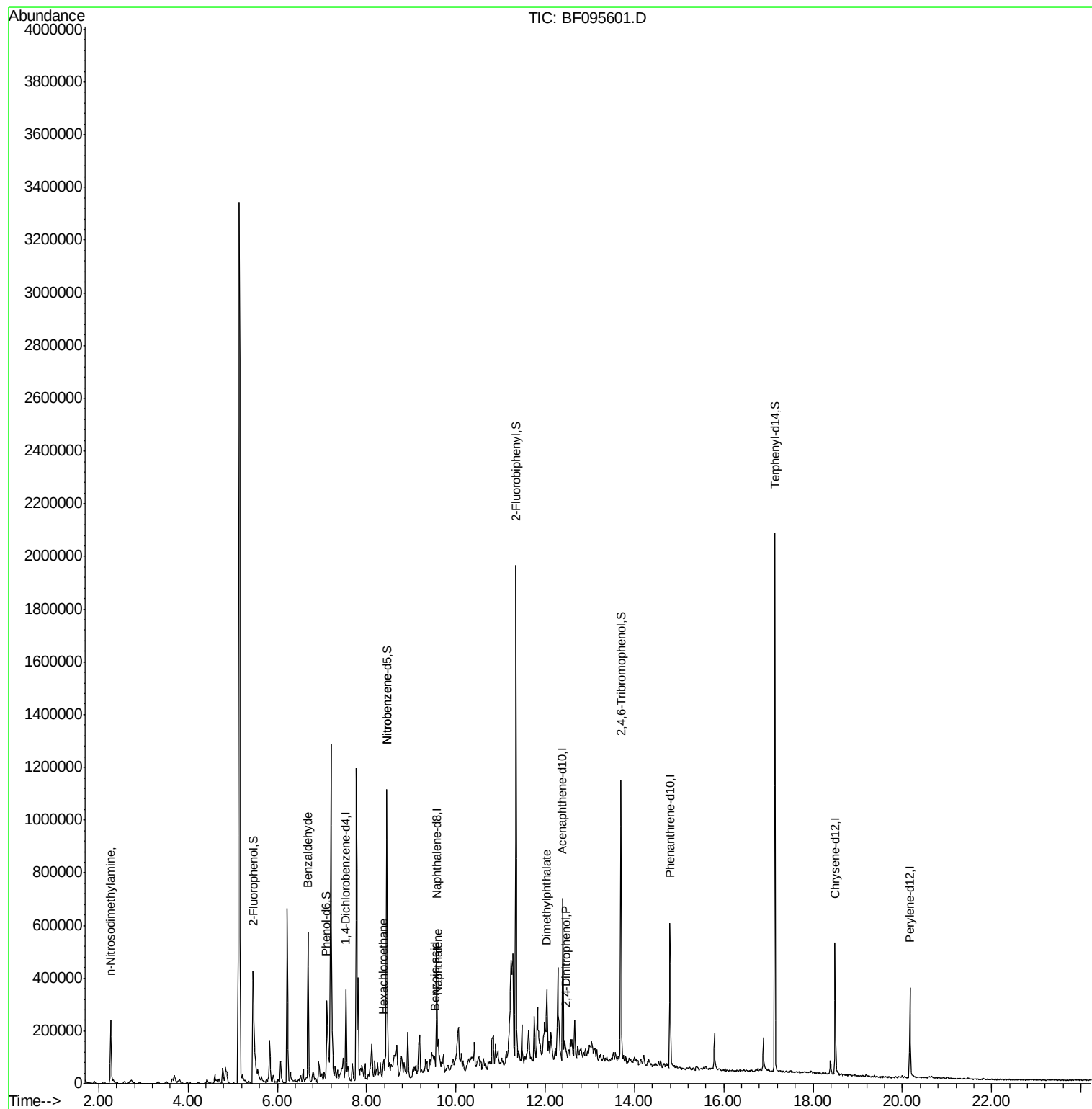
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74693	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	315435	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	148994	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	281867	20.00	ng	0.00
75) Chrysene-d12	18.50	240	237326	20.00	ng	0.00
86) Perylene-d12	20.17	264	158437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	344361	76.86	ng	0.01
7) Phenol-d6	7.11	99	327781	60.98	ng	0.01
23) Nitrobenzene-d5	8.45	82	449530	89.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	181711	148.92	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	907429	87.66	ng	0.00
78) Terphenyl-d14	17.15	244	813446	75.49	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.26	42	4266	2.01	ng	# 1
9) Benzaldehyde	6.69	77	13388	4.08	ng	# 50
18) Hexachloroethane	8.39	117	22389	11.27	ng	# 1
24) Nitrobenzene	8.45	77	23185	4.42	ng	# 49
31) Naphthalene	9.60	128	71693	4.52	ng	# 99
32) Benzoic acid	9.53	122	952	5.37	ng	# 62
49) Dimethylphthalate	12.04	163	40659	3.32	ng	# 27
53) 2,4-Dinitrophenol	12.48	184	156	6.35	ng	# 1

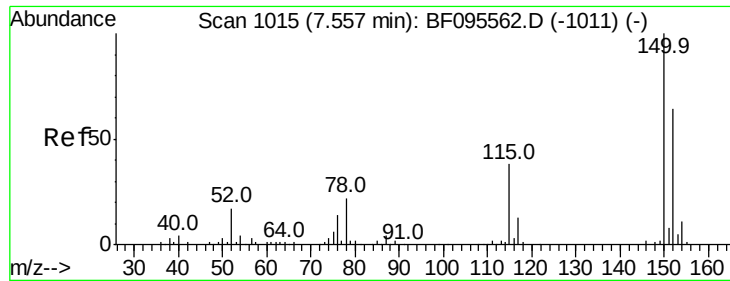
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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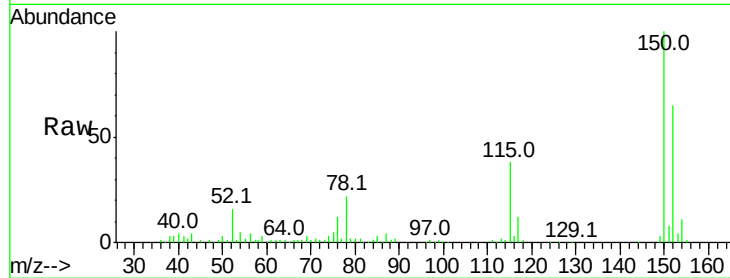


#1

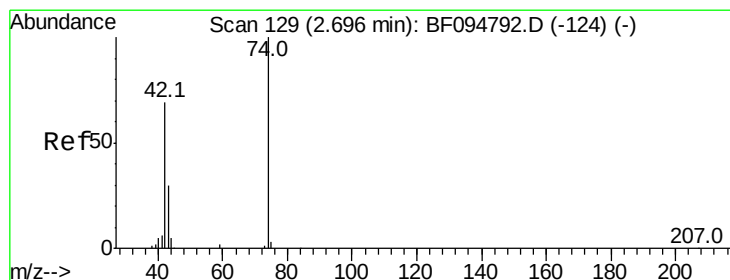
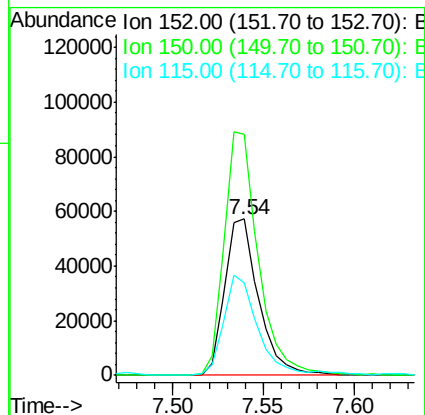
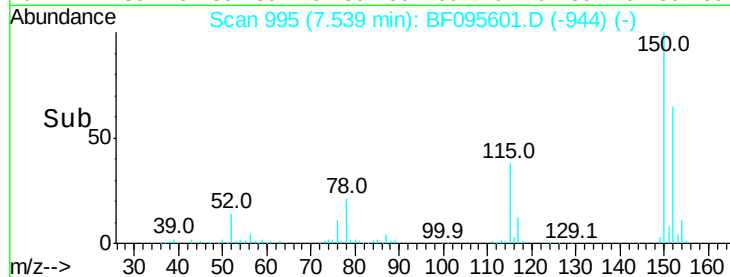
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 74693
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 58.8 52.2 78.2



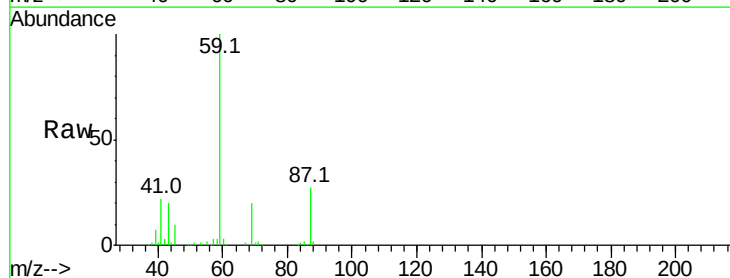
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



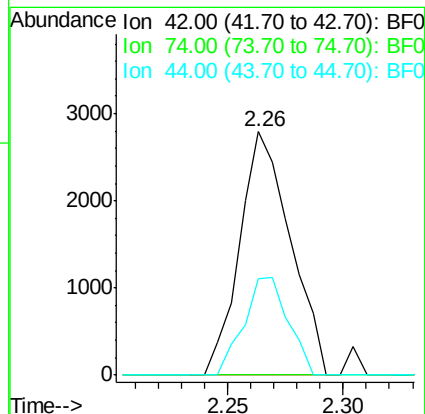
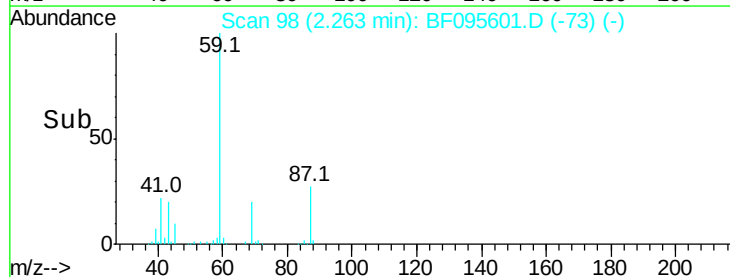
#4

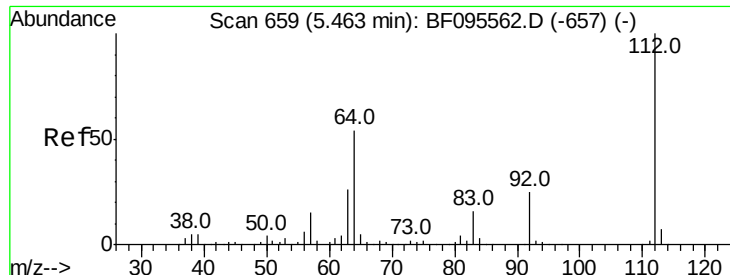
n-Nitrosodimethylamine
Concen: 2.01 ng
RT: 2.26 min Scan# 98
Delta R.T. -0.15 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Tgt Ion: 42 Resp: 4266
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 39.6 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.86 ng

RT: 5.46 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF095601.D

Acq: 1 Jun 2017 18:37

Instrument :

BNA_F

ClientSampleId :

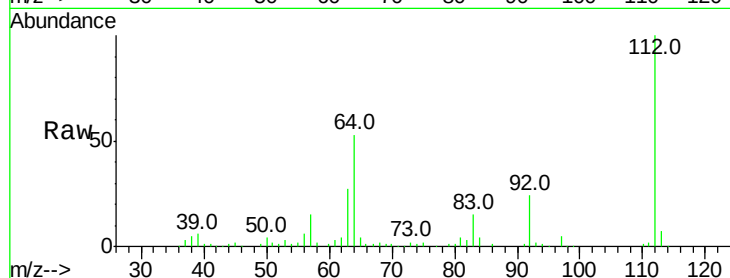
Tot Ion:112 Resp: 344361

Ion Ratio Lower Upper

112 100

64 52.7 46.0 69.0

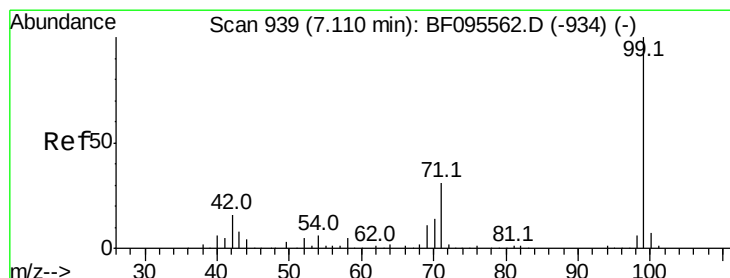
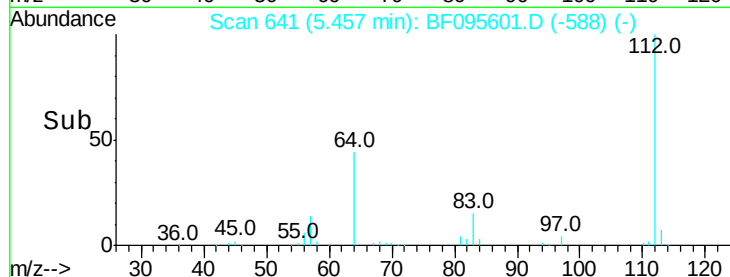
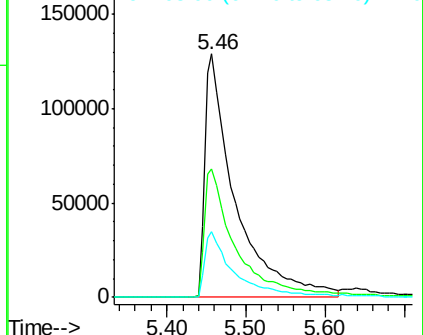
63 26.9 23.4 35.0



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: 60.98 ng

RT: 7.11 min Scan# 922

Delta R.T. 0.01 min

Lab File: BF095601.D

Acq: 1 Jun 2017 18:37

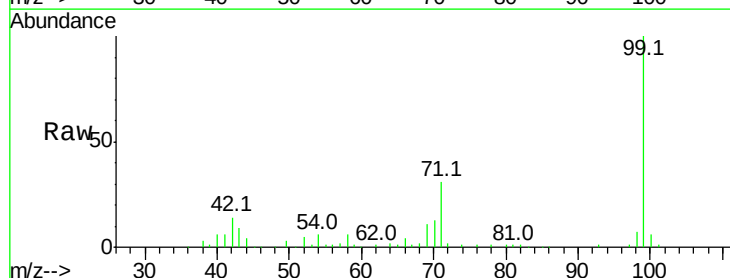
Tgt Ion: 99 Resp: 327781

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

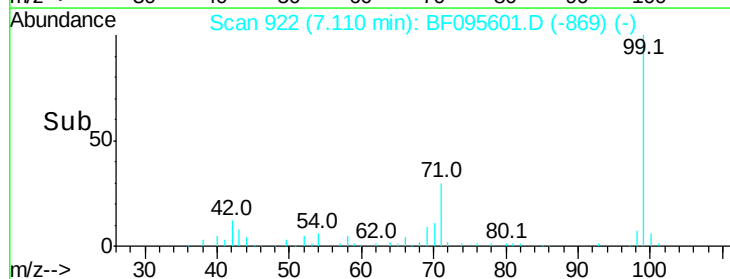
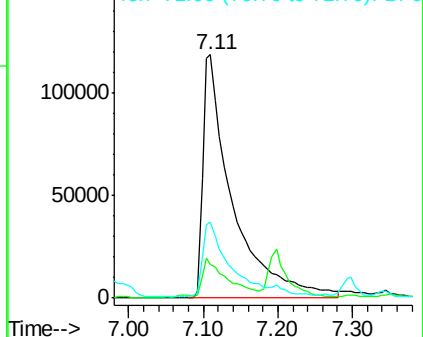
71 31.1 24.5 36.7

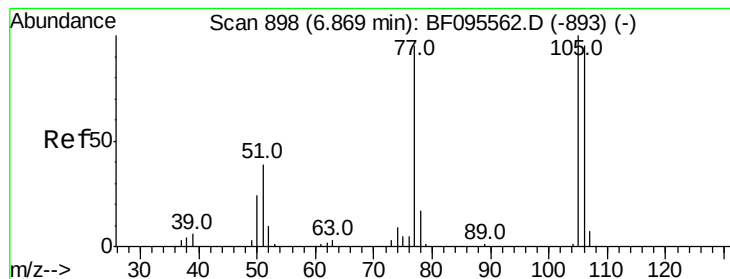


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 4.08 ng

RT: 6.69 min Scan# 850

Delta R.T. -0.16 min

Lab File: BF095601.D

Acq: 1 Jun 2017 18:37

Instrument :

BNA_F

ClientSampled :

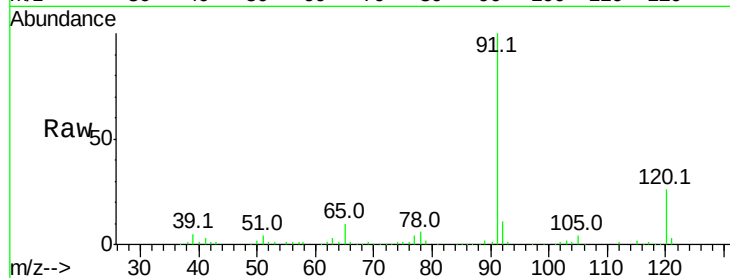
Tot Ion: 77 Resp: 13388

Ion Ratio Lower Upper

77 100

105 92.7 83.8 123.8

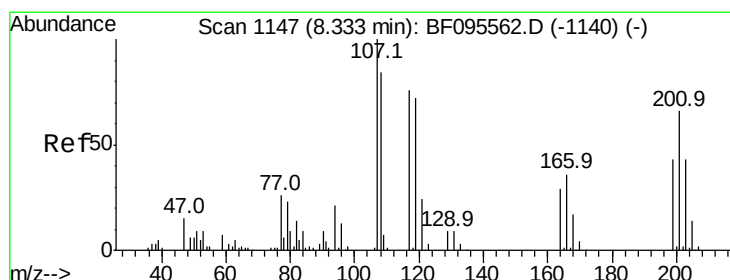
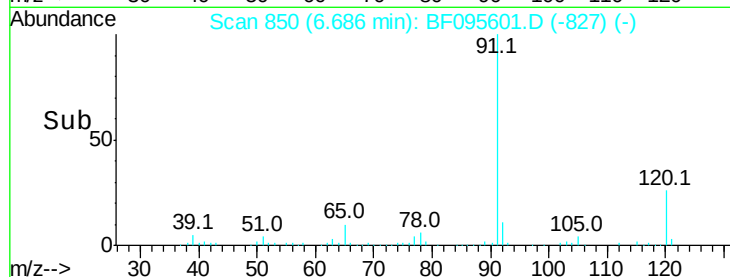
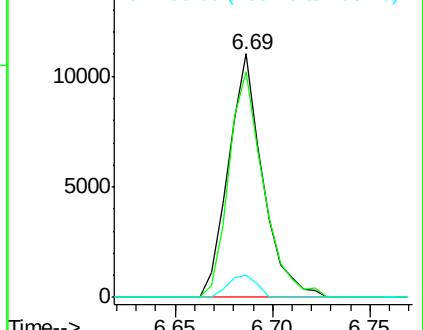
106 9.4 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#18

Hexachloroethane

Concen: 11.27 ng

RT: 8.39 min Scan# 1139

Delta R.T. 0.07 min

Lab File: BF095601.D

Acq: 1 Jun 2017 18:37

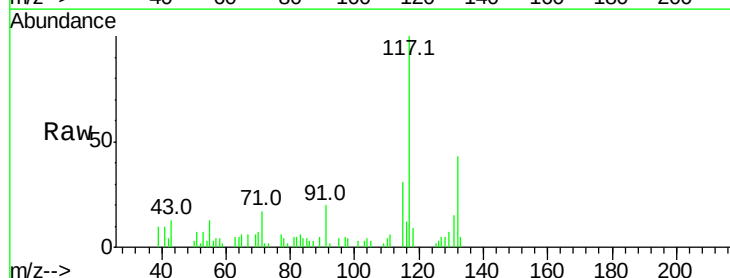
Tgt Ion: 117 Resp: 22389

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

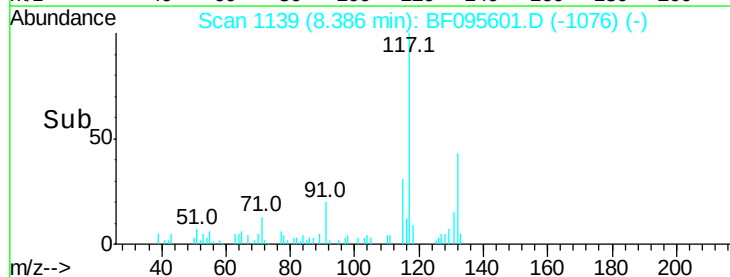
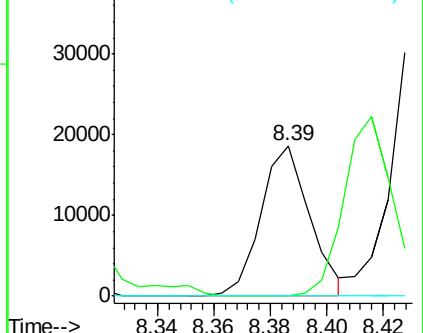
201 0.0 94.6 141.8#

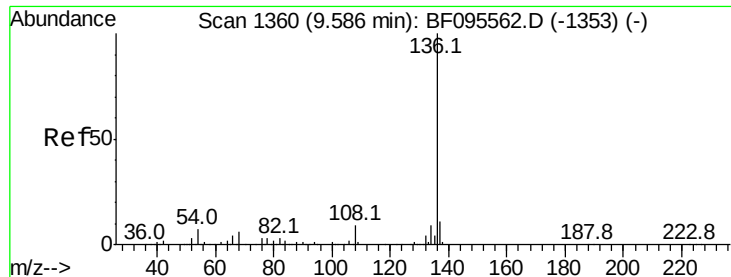


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

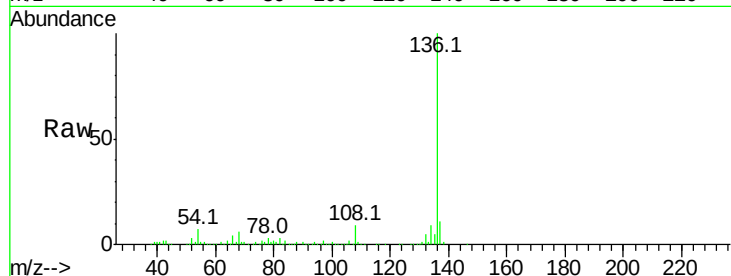




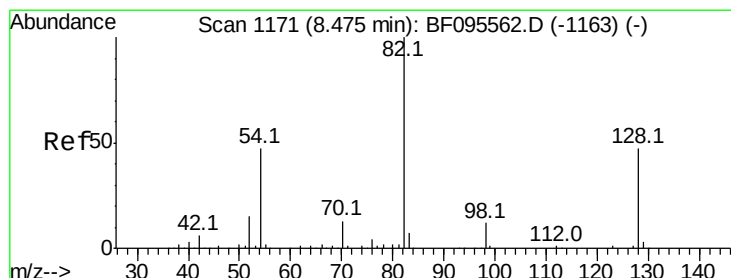
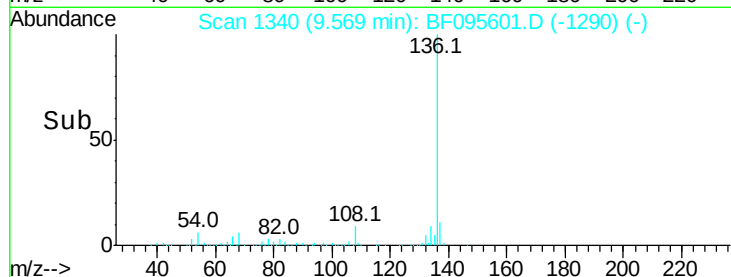
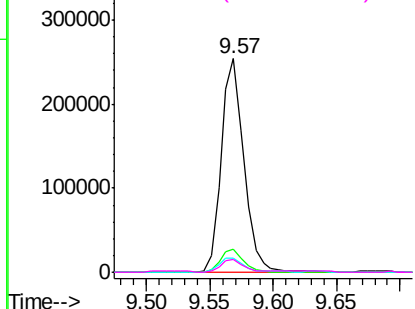
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	315435
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.7	4.9 7.3
68	5.8	4.1 6.1

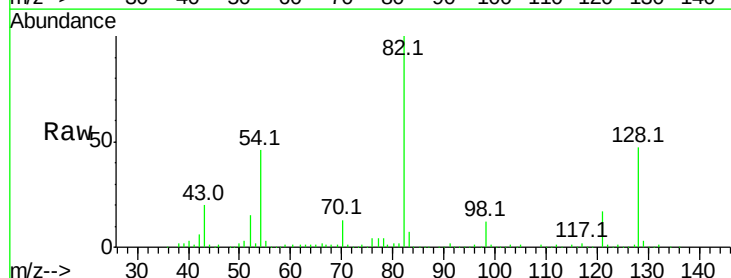


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

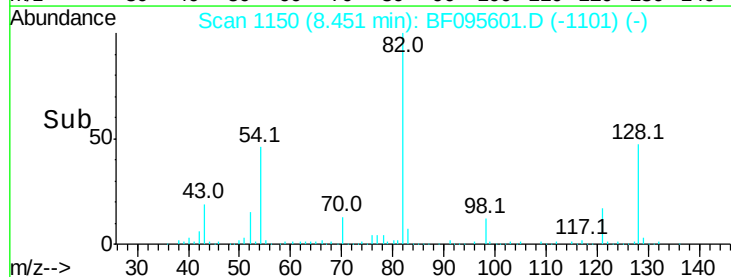
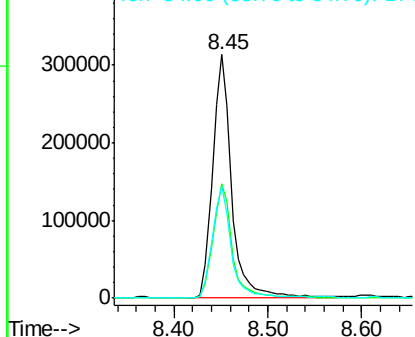


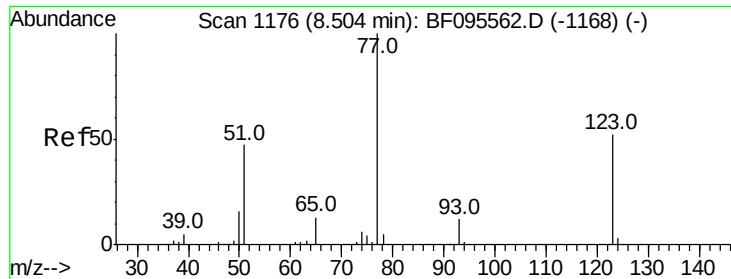
#23
Nitrobenzene-d5
Concen: 89.87 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Tgt Ion: 82	Resp:	449530
Ion Ratio	Lower	Upper
82	100	
128	47.2	34.0 51.0
54	45.8	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

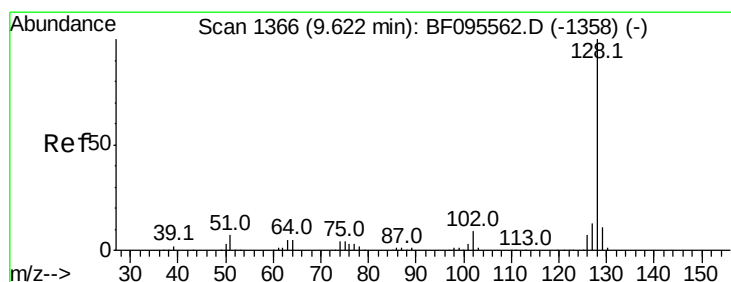
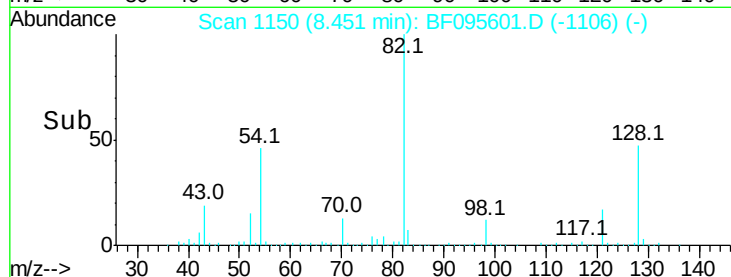
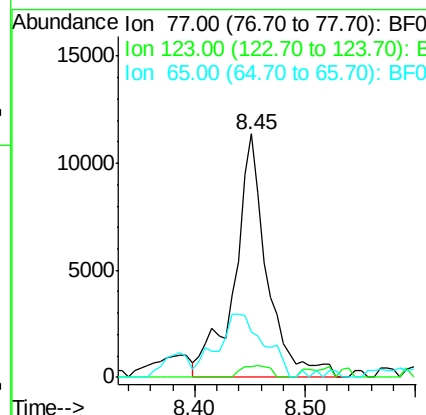
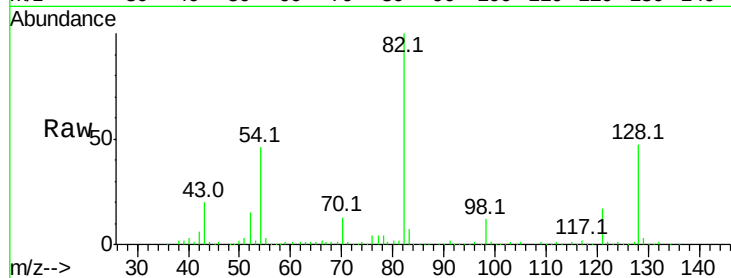




#24
 Nitrobenzene
 Concen: 4.42 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF095601.D
 Acq: 1 Jun 2017 18:37

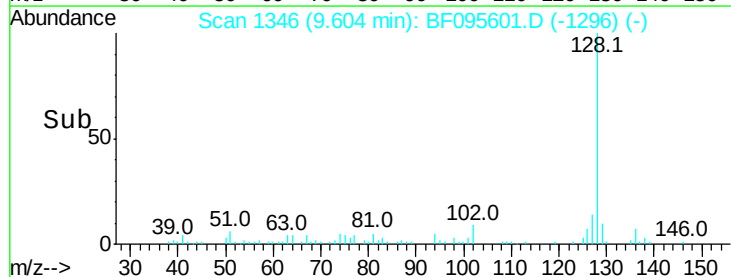
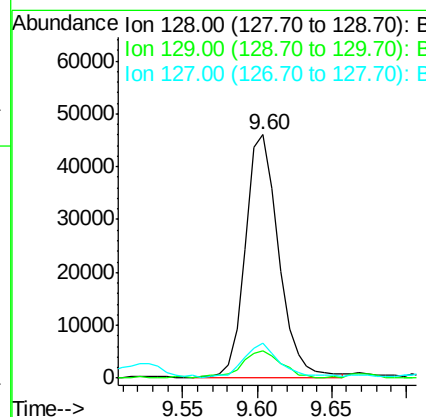
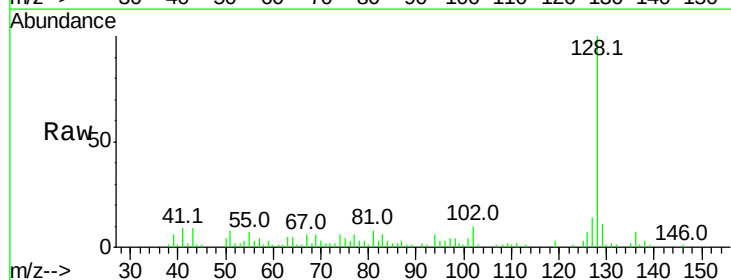
Instrument :
 BNA_F
 ClientSampleId :

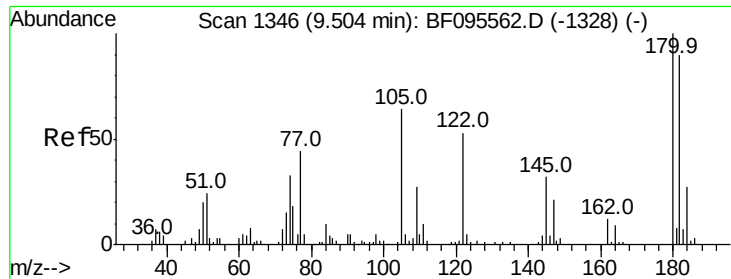
Tot Ion	Ratio	Lower	Upper
77	100		
123	4.2	35.8	53.8#
65	18.4	10.6	15.8#



#31
 Naphthalene
 Concen: 4.52 ng
 RT: 9.60 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF095601.D
 Acq: 1 Jun 2017 18:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.5	10.8	16.2

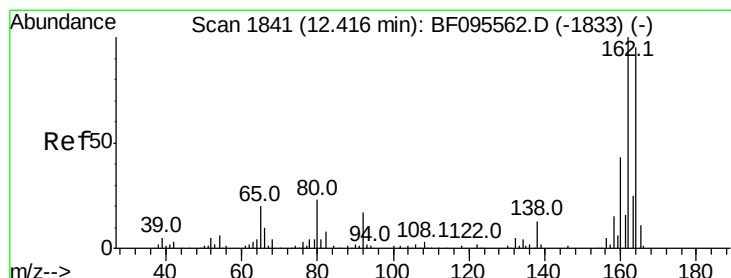
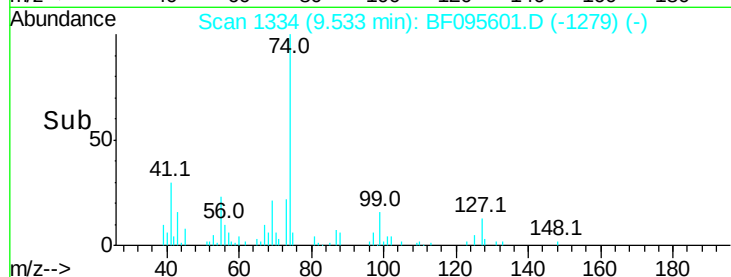
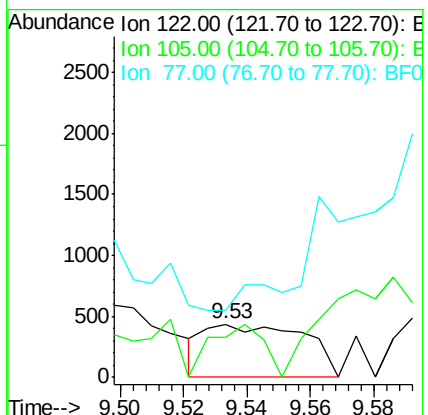
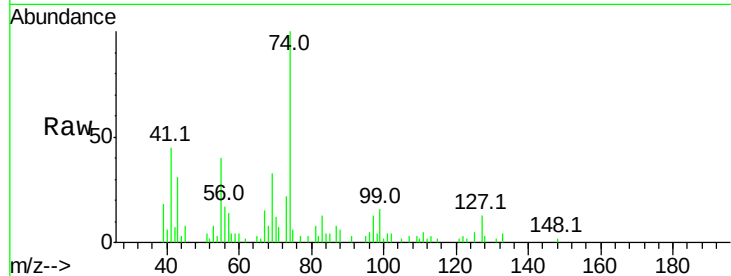




#32
Benzoic acid
Concen: 5.37 ng
RT: 9.53 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

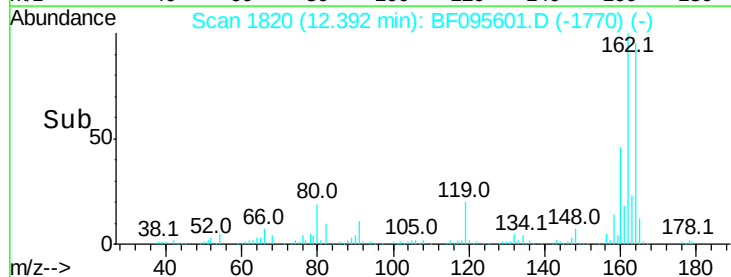
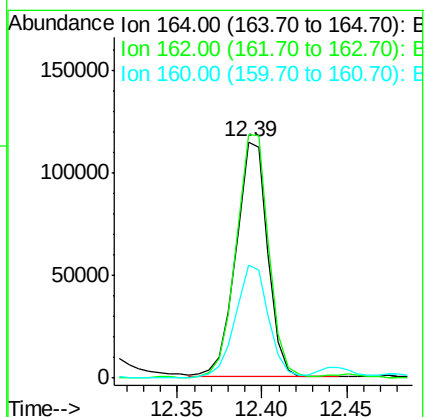
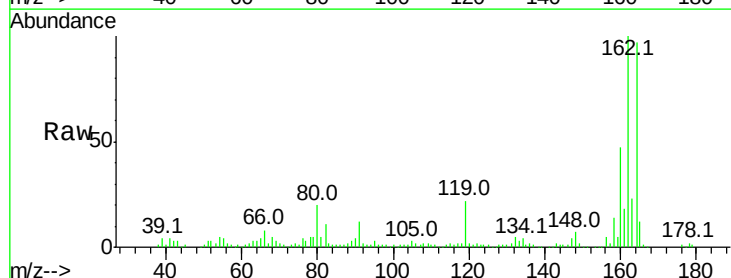
Instrument :
BNA_F
ClientSampled :

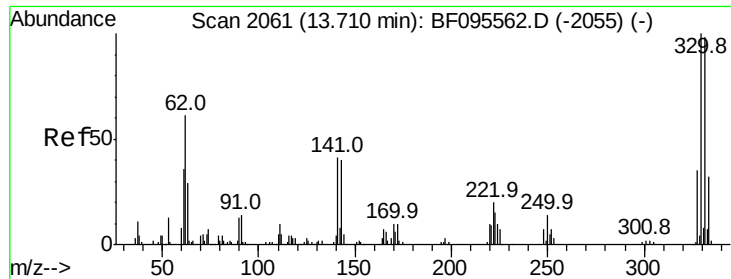
Tot Ion:122 Resp: 952
Ion Ratio Lower Upper
122 100
105 74.7 103.3 143.3#
77 124.8 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Tgt Ion:164 Resp: 148994
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 48.0 36.2 54.2

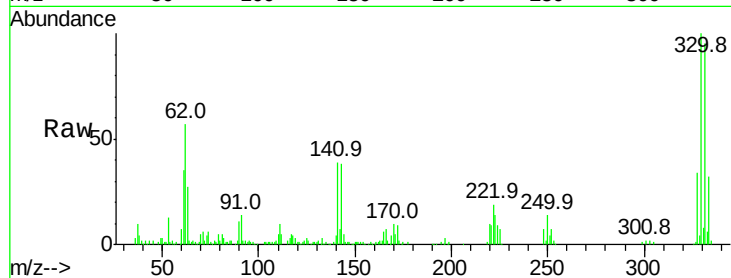




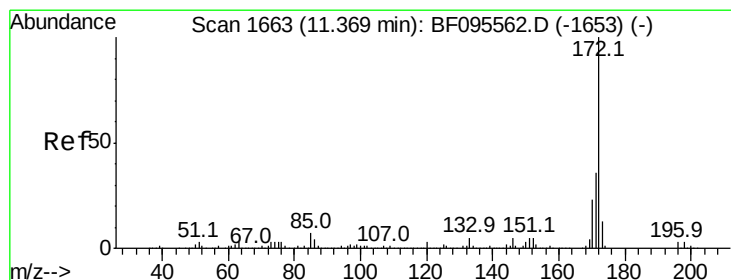
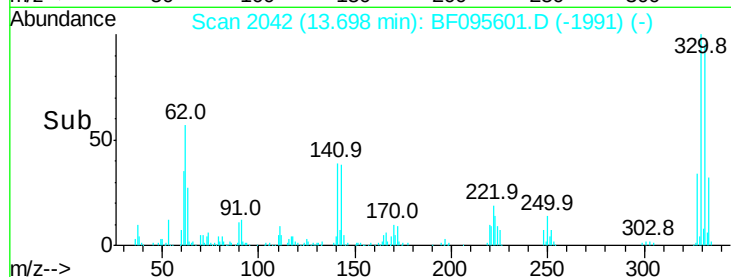
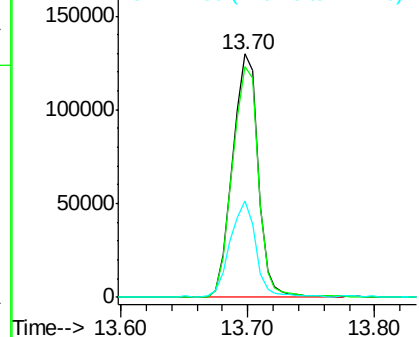
#41
 2,4,6-Tribromophenol
 Concen: 148.92 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095601.D
 Acq: 1 Jun 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 181711
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 40.4 31.4 47.2

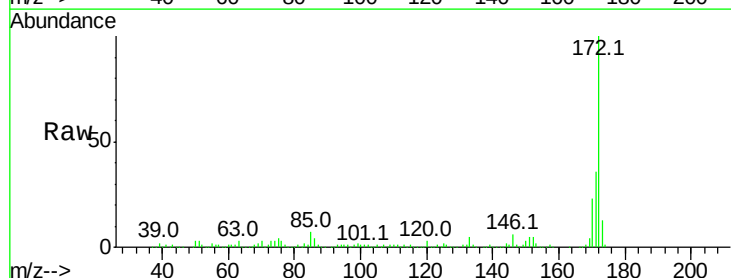


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

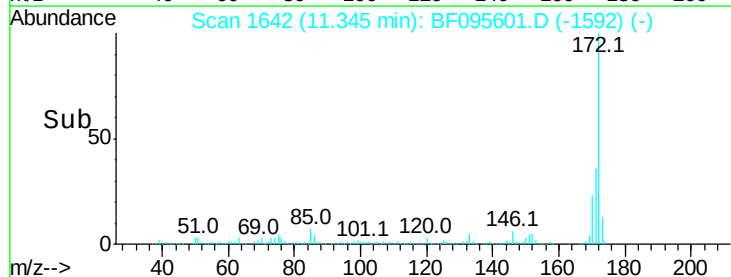
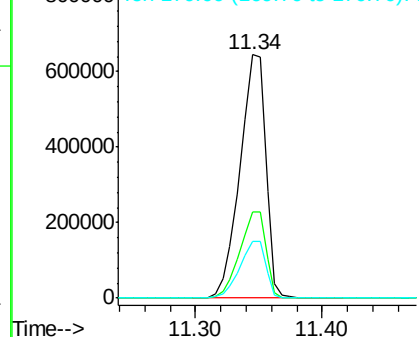


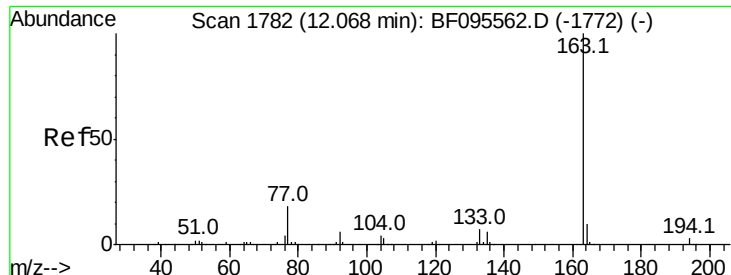
#44
 2-Fluorobiphenyl
 Concen: 87.66 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095601.D
 Acq: 1 Jun 2017 18:37

Tgt Ion:172 Resp: 907429
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.1 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: 3.32 ng

RT: 12.04 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF095601.D

Acq: 1 Jun 2017 18:37

Instrument :

BNA_F

ClientSampleId :

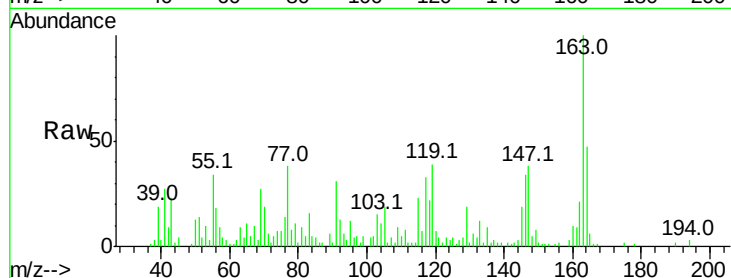
Tot Ion:163 Resp: 40659

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

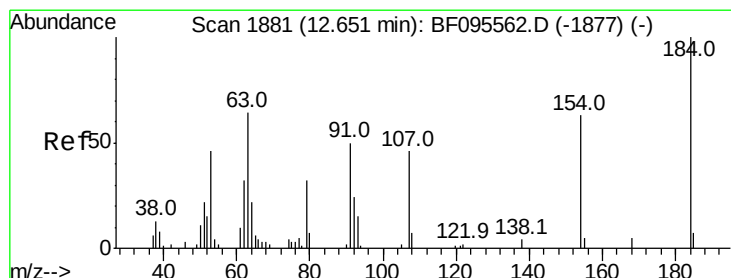
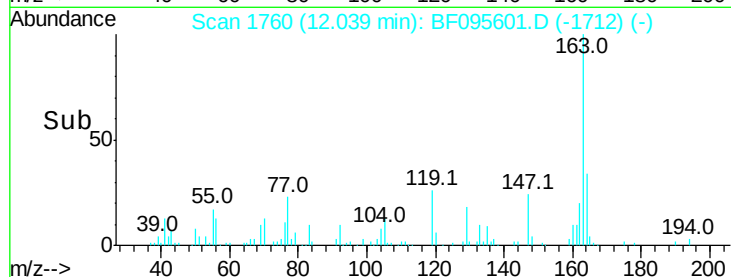
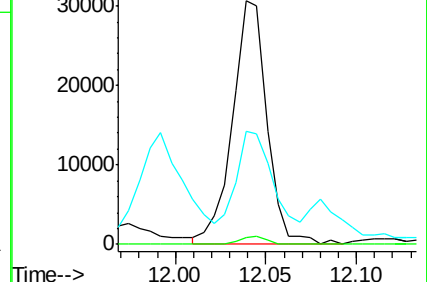
164 46.6 8.4 12.6#



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



#53

2,4-Dinitrophenol

Concen: 6.35 ng

RT: 12.48 min Scan# 1835

Delta R.T. -0.16 min

Lab File: BF095601.D

Acq: 1 Jun 2017 18:37

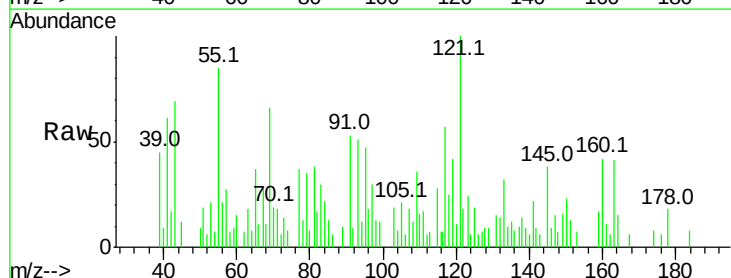
Tgt Ion:184 Resp: 156

Ion Ratio Lower Upper

184 100

63 223.3 62.7 94.1#

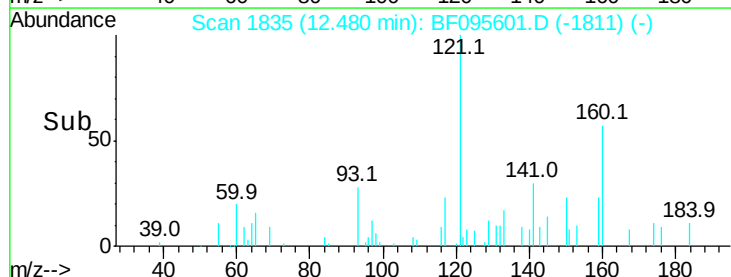
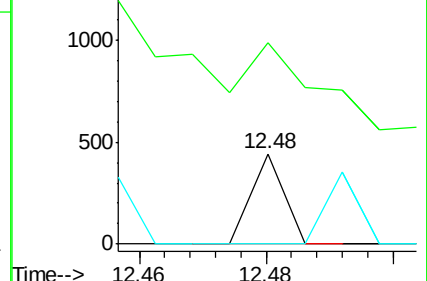
154 0.0 81.1 121.7#

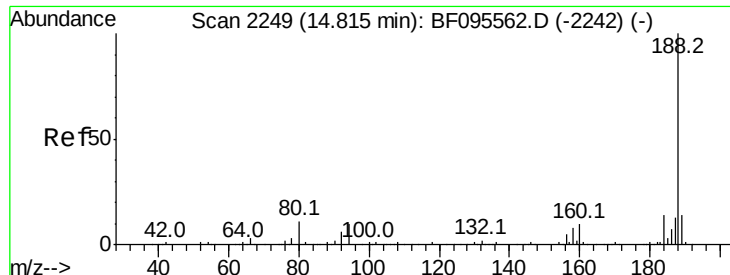


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

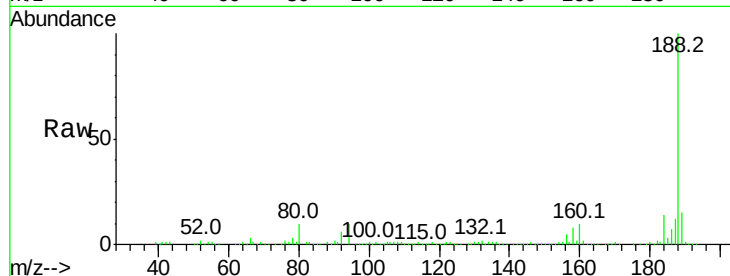




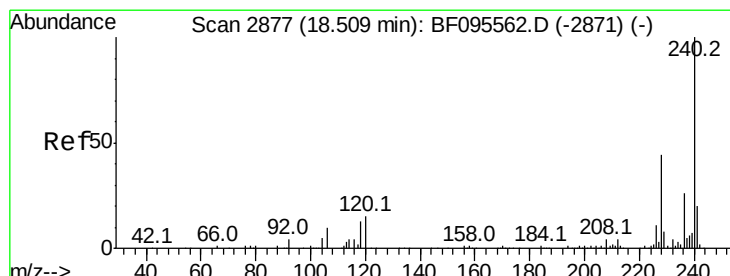
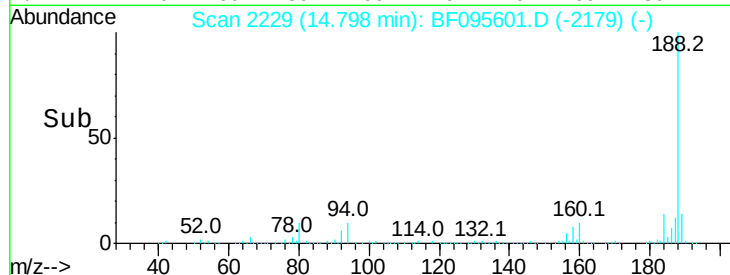
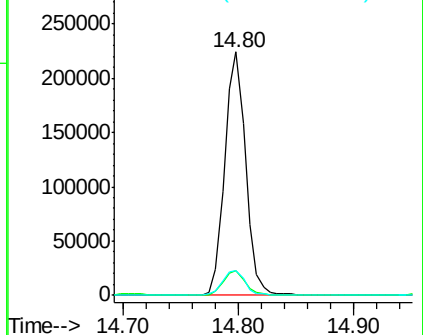
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.2	10.2	15.2

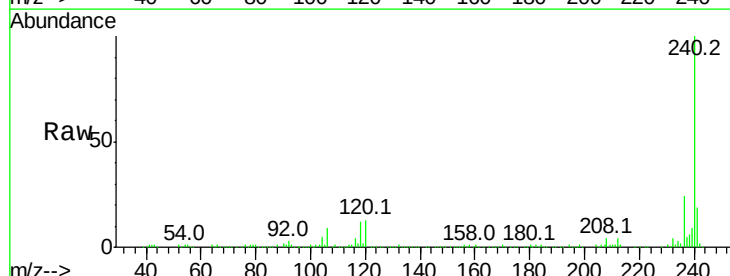


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

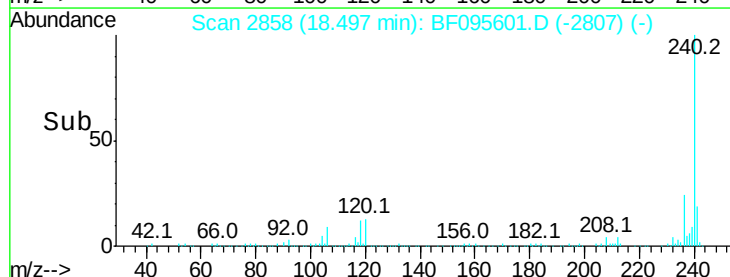
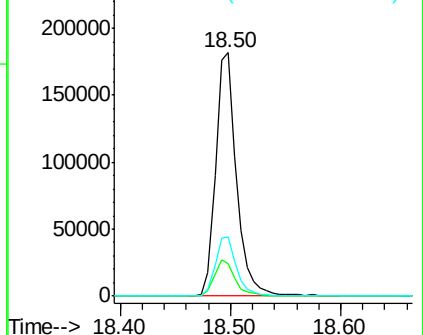


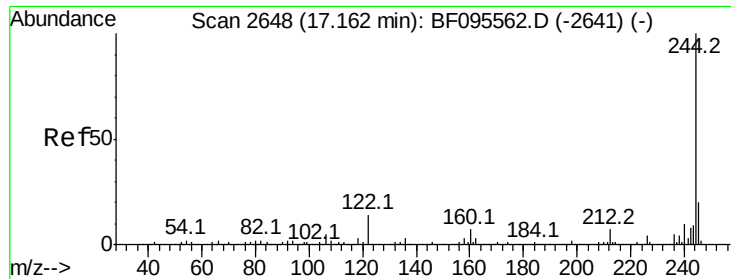
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095601.D
Acq: 1 Jun 2017 18:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.3	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

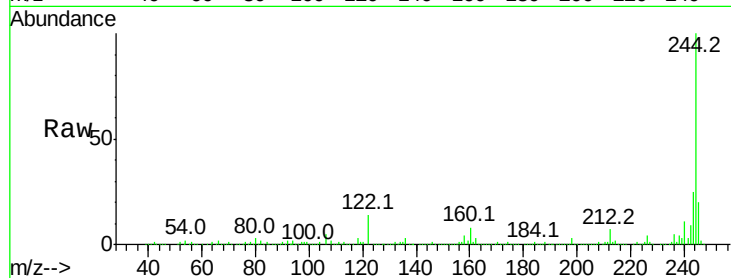




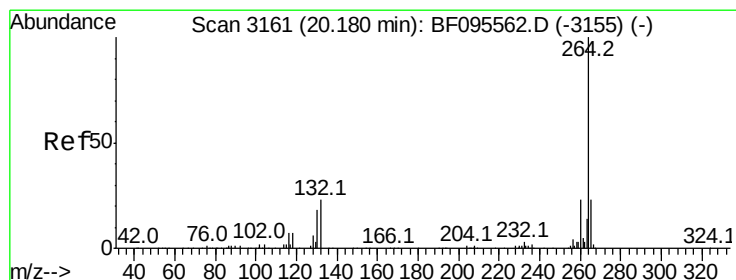
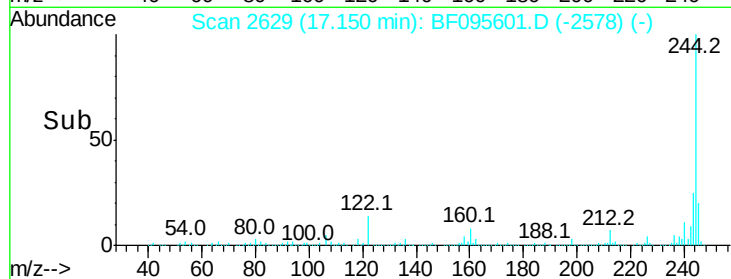
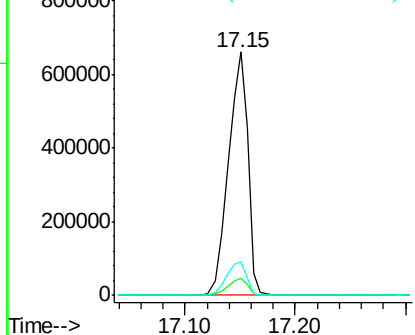
#78
 Terphenyl-d14
 Concen: 75.49 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095601.D
 Acq: 1 Jun 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 813446
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.9 10.3 15.5

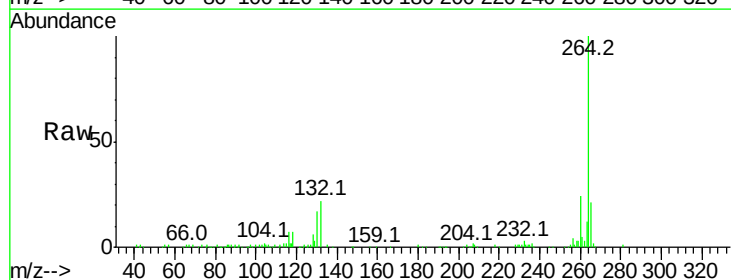


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095601.D
 Acq: 1 Jun 2017 18:37

Tgt Ion:264 Resp: 158437
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.0 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

