

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098393.D
 Acq On : 9 Sep 2017 18:39
 Operator : SJ/JU
 Sample : I5134-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:14:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

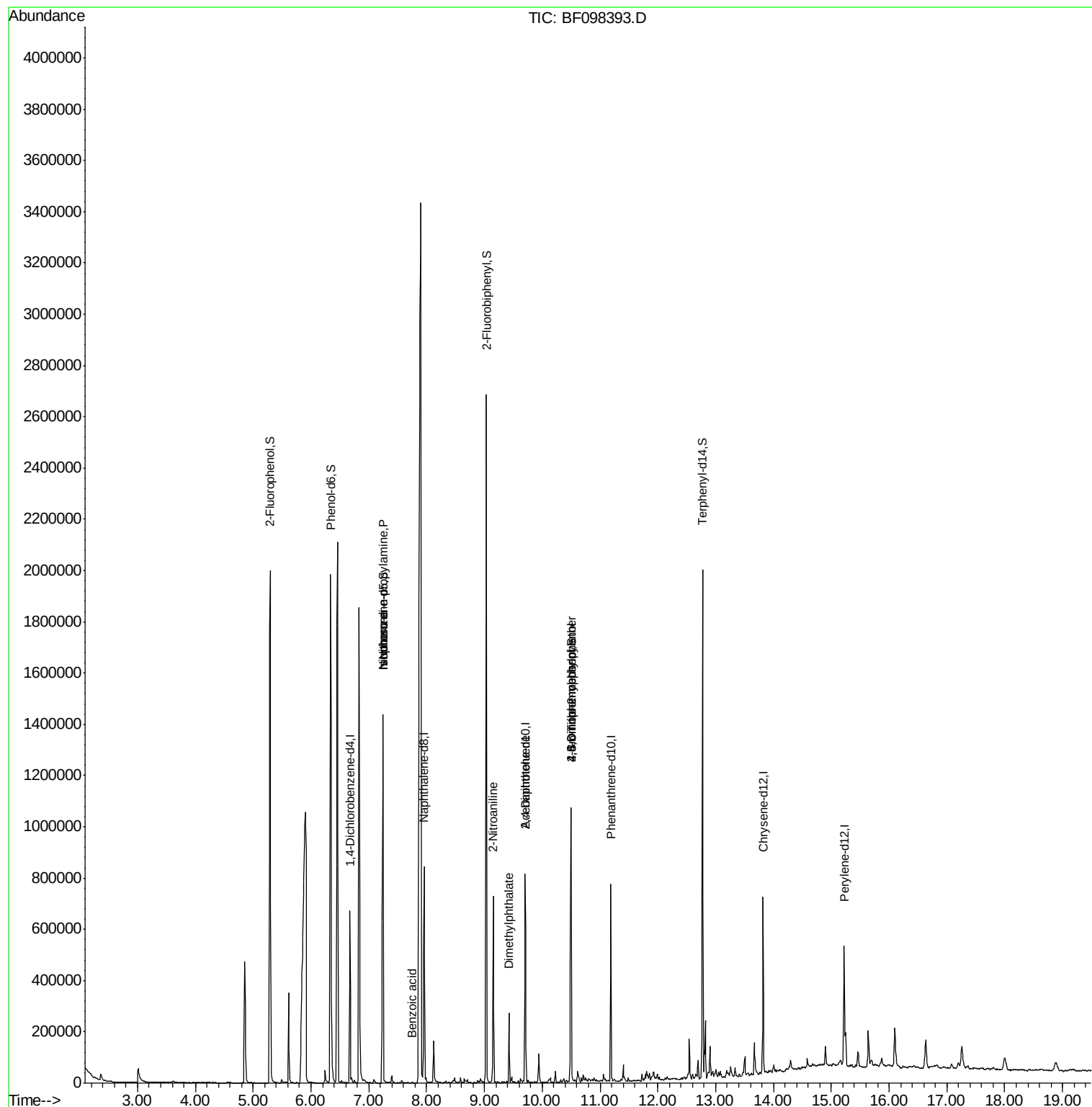
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	89800	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	349237	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	149471	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	254149	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	218523	20.00	ng	-0.04
86) Perylene-d12	15.22	264	192451	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	620768	105.15	ng	-0.01
7) Phenol-d6	6.34	99	915155	114.09	ng	-0.01
23) Nitrobenzene-d5	7.25	82	526323	81.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	136600	105.33	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	845031	83.06	ng	-0.04
78) Terphenyl-d14	12.77	244	603512	57.59	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	69227	12.607	ng	# 68
25) Isophorone	7.25	82	526220	39.365	ng	# 67
32) Benzoic acid	7.75	122	109	6.428	ng	# 48
47) 2-Nitroaniline	9.16	65	7124	2.110	ng	# 17
49) Dimethylphthalate	9.43	163	94254	8.627	ng	# 99
56) 2,4-Dinitrotoluene	9.70	165	18728	6.843	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	120	8.404	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	8523	3.229	ng	# 1

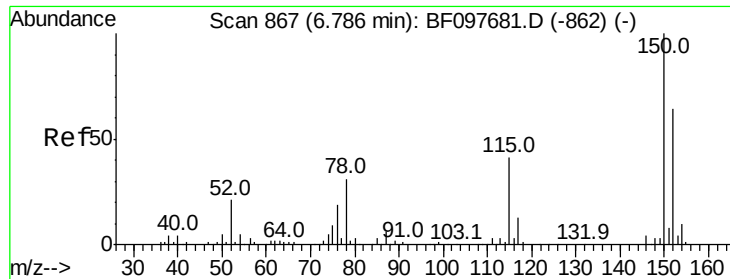
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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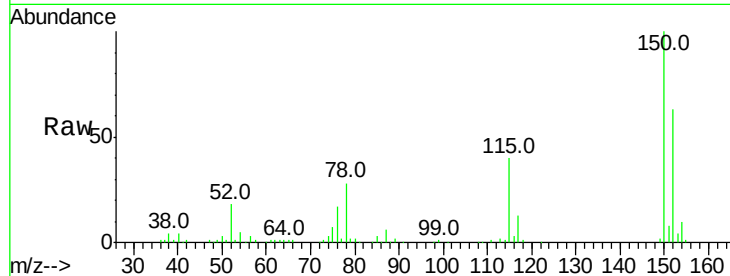


#1

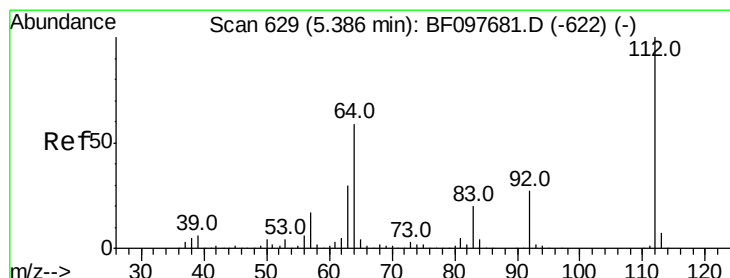
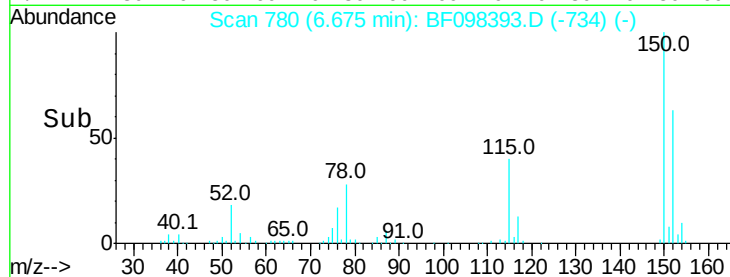
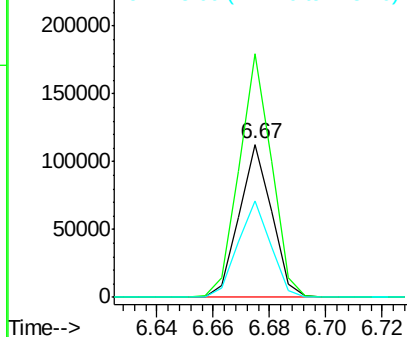
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89800
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 63.2 52.2 78.2



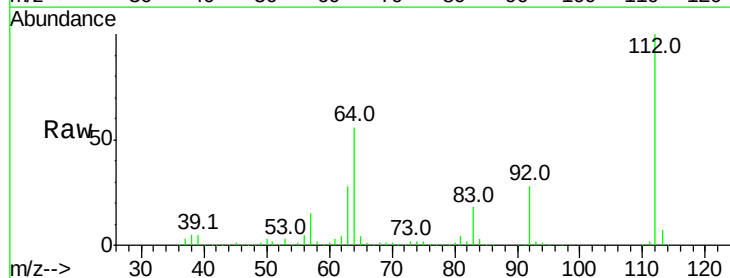
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



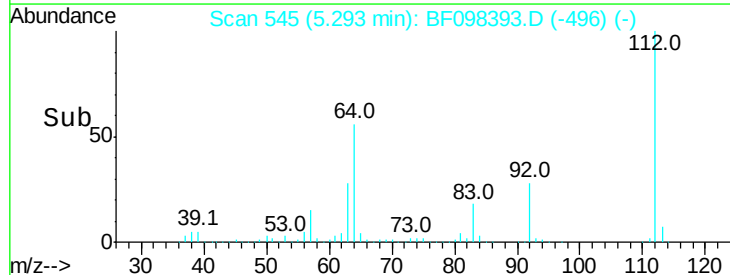
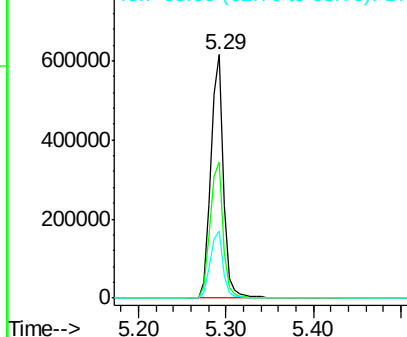
#5

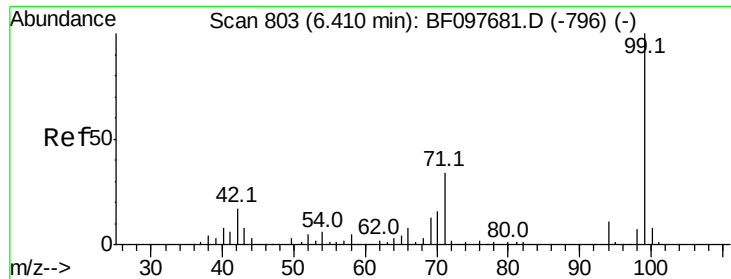
2-Fluorophenol
Concen: 105.149 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:112 Resp: 620768
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 27.5 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: 114.088 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Instrument :

BNA_F

ClientSampled :

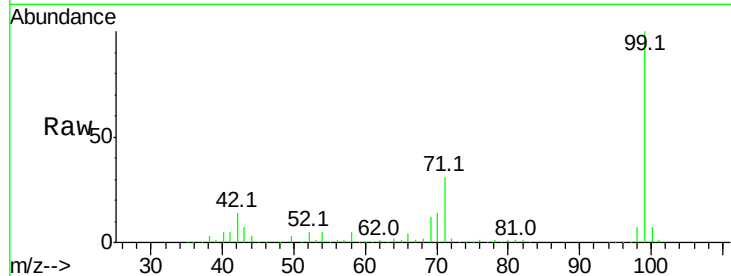
Tot Ion: 99 Resp: 915155

Ion Ratio Lower Upper

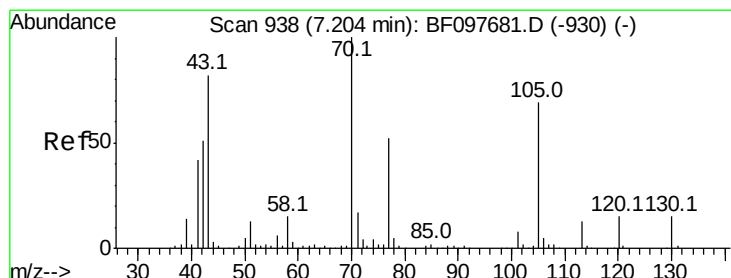
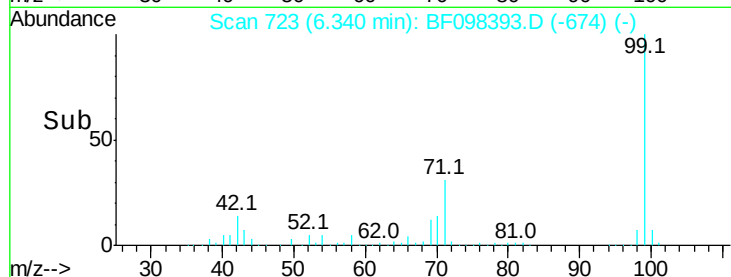
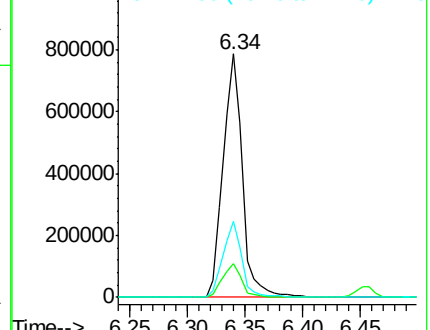
99 100

42 14.0 13.5 20.3

71 31.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.607 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Tgt Ion: 70 Resp: 69227

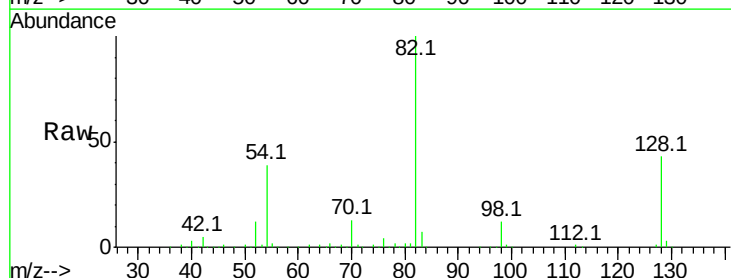
Ion Ratio Lower Upper

70 100

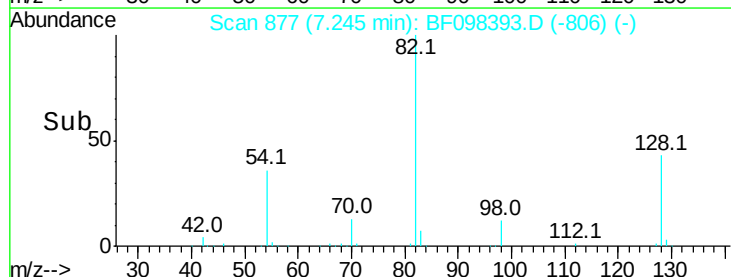
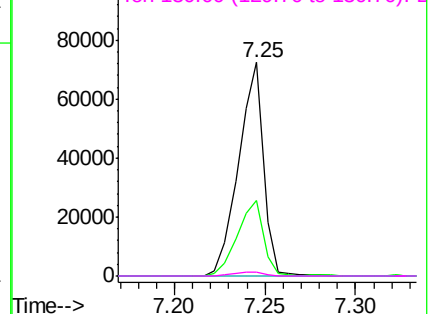
42 35.5 47.2 70.8#

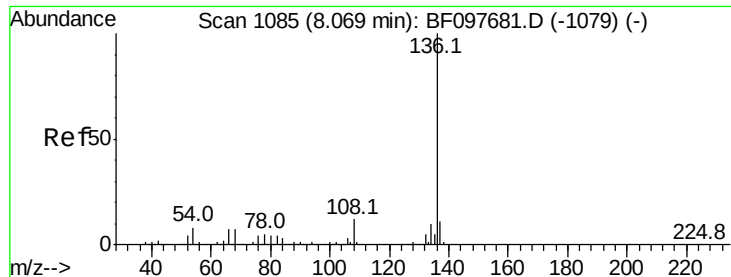
101 0.0 7.2 10.8#

130 2.1 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): BF0
Ion 130.00 (129.70 to 130.70): BF0

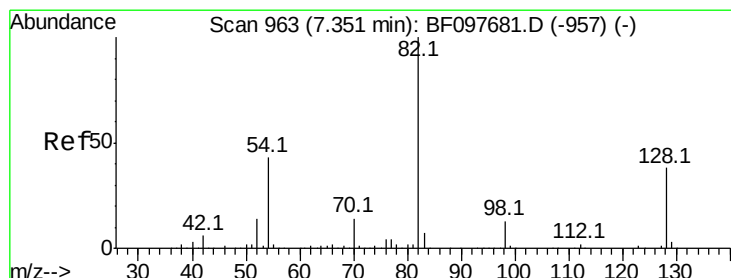
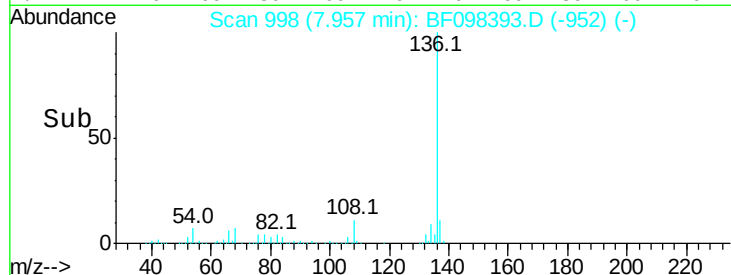
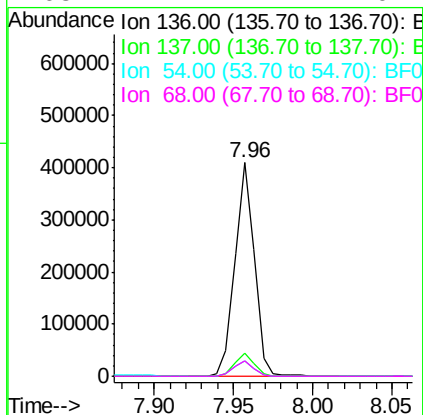
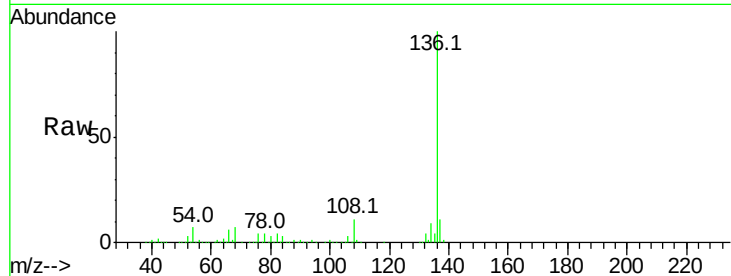




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

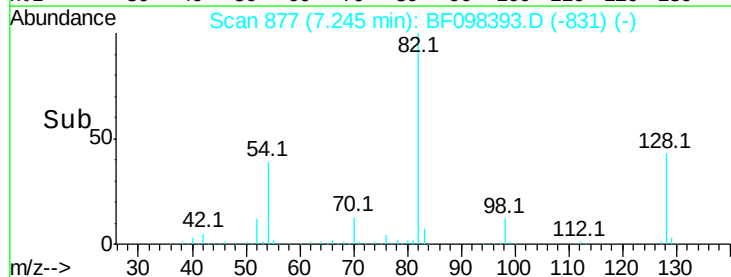
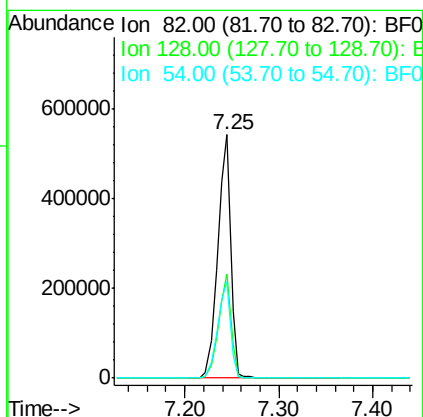
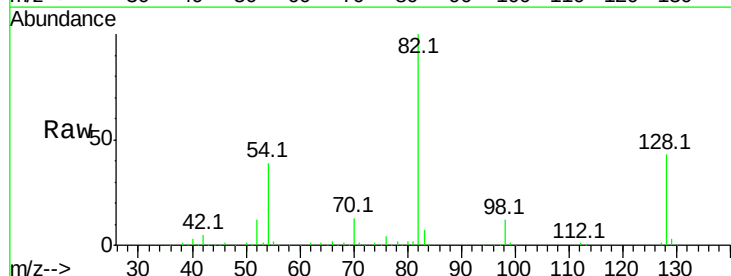
Instrument :
BNA_F
ClientSampleId :

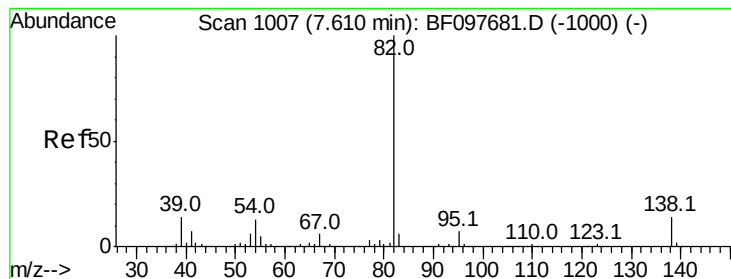
Tot Ion:	136	Resp:	349237
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3
68	7.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 81.871 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:	82	Resp:	526323
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	39.4	42.2	63.2#





#25

Isophorone

Concen: 39.365 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

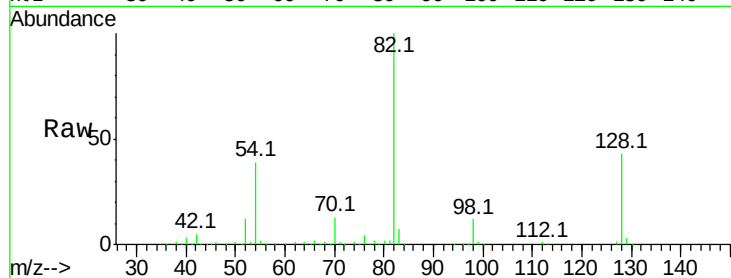
Tot Ion: 82 Resp: 526220

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

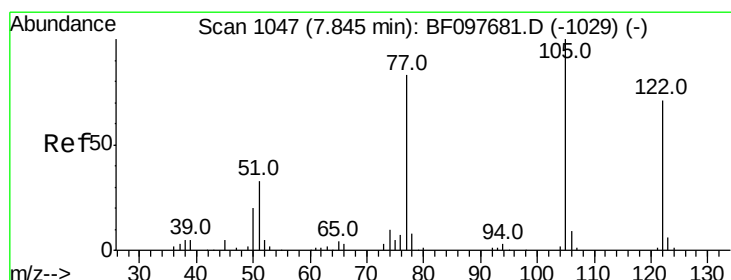
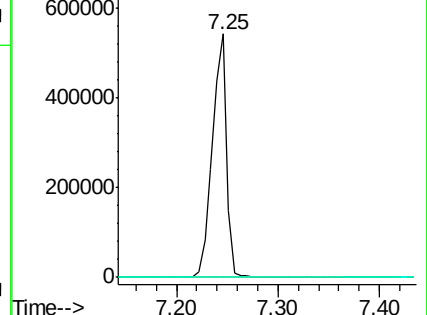
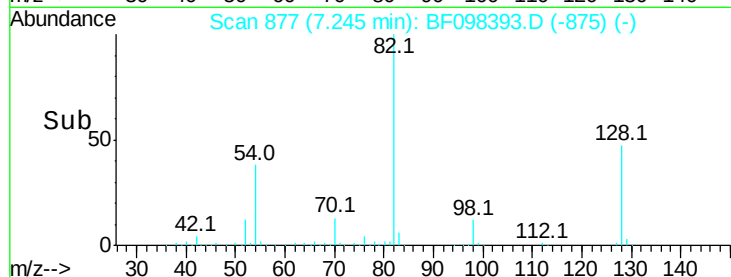
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.428 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

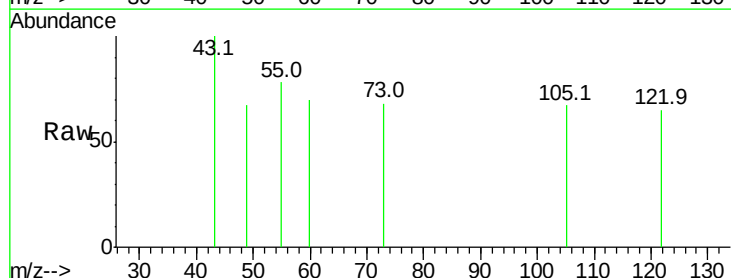
Tgt Ion: 122 Resp: 109

Ion Ratio Lower Upper

122 100

105 104.2 103.3 143.3

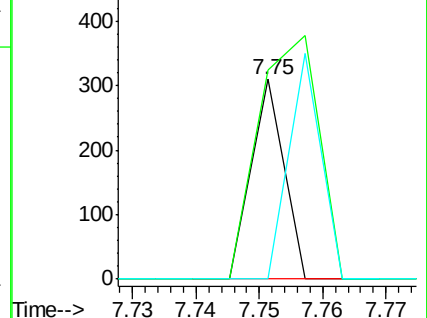
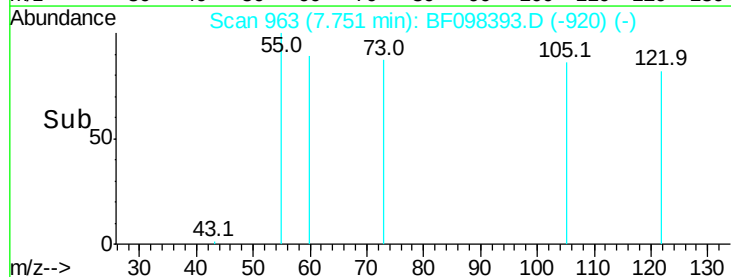
77 0.0 73.7 113.7#

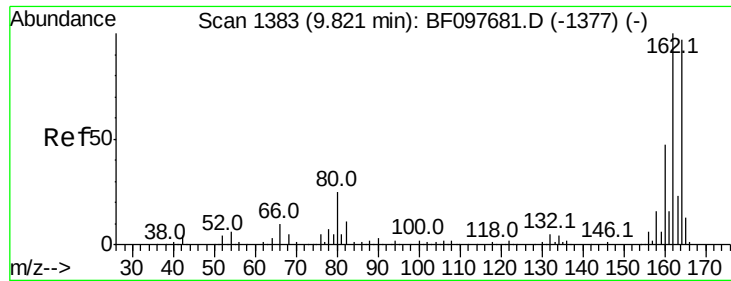


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

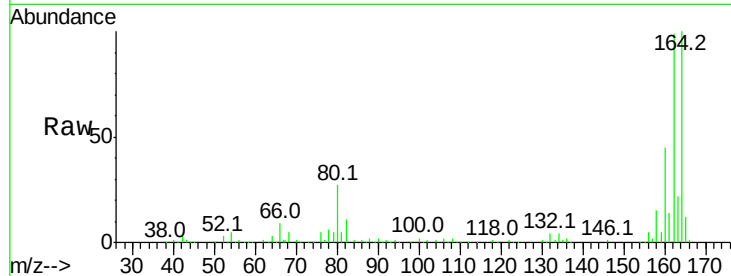




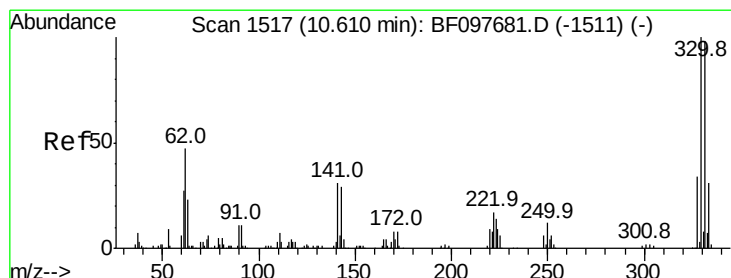
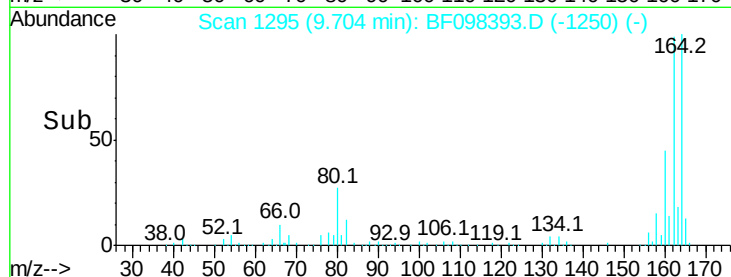
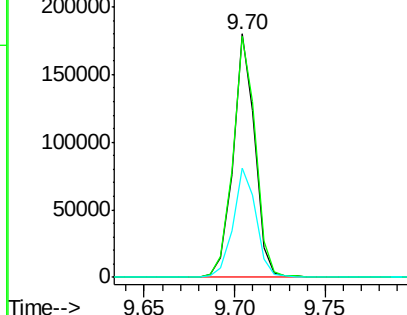
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 149471
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.6 123.8
 160 44.6 36.2 54.2

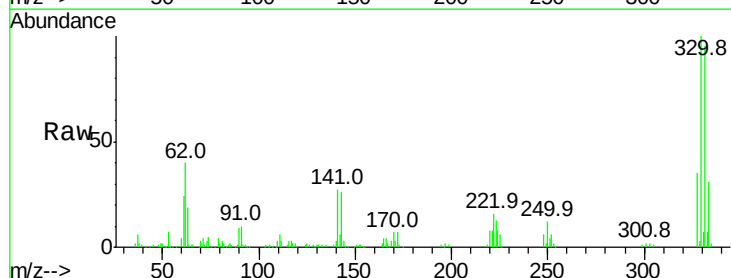


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

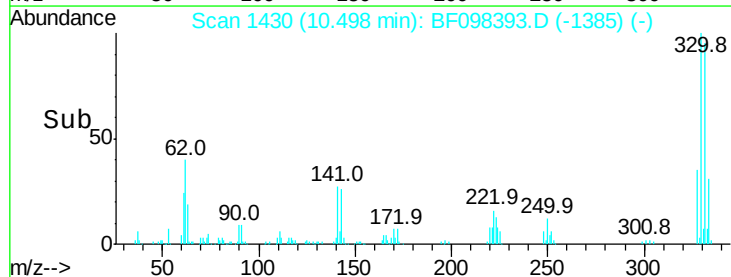
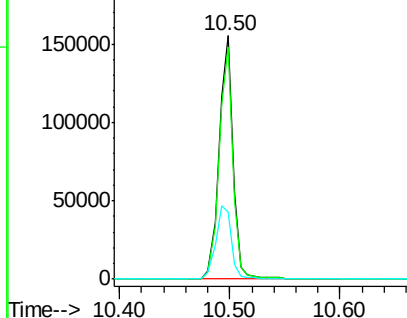


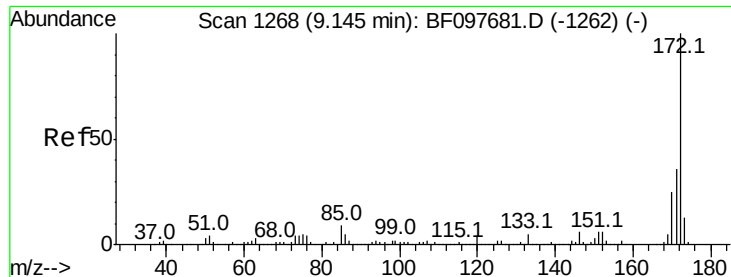
#41
 2,4,6-Tribromophenol
 Concen: 105.328 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Tgt Ion:330 Resp: 136600
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 33.8 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

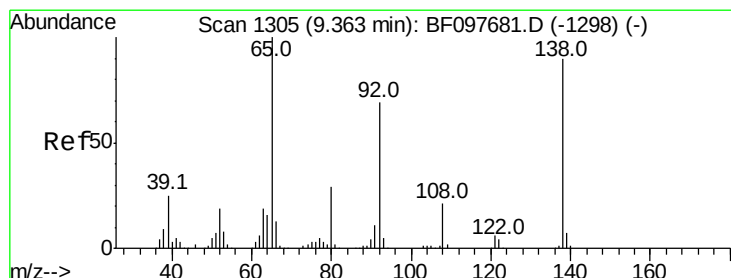
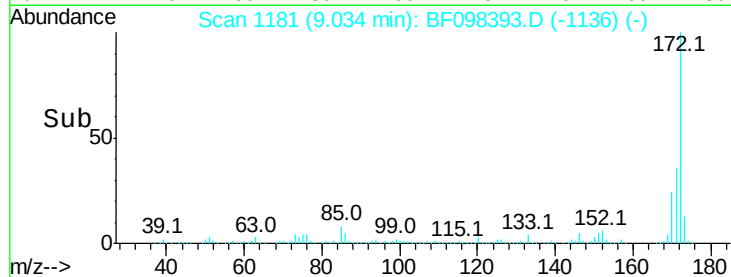
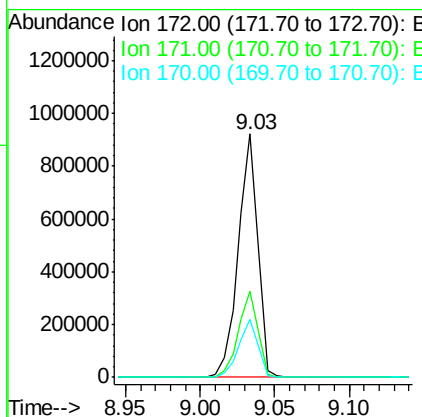
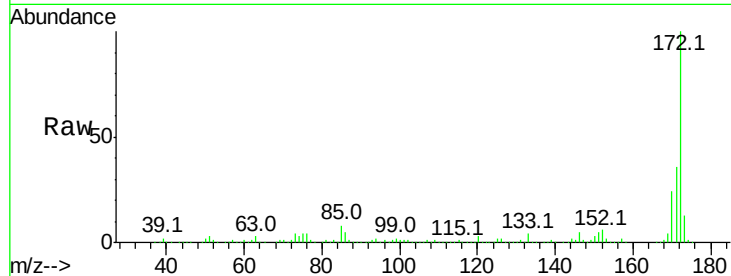




#44
 2-Fluorobiphenyl
 Concen: 83.061 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

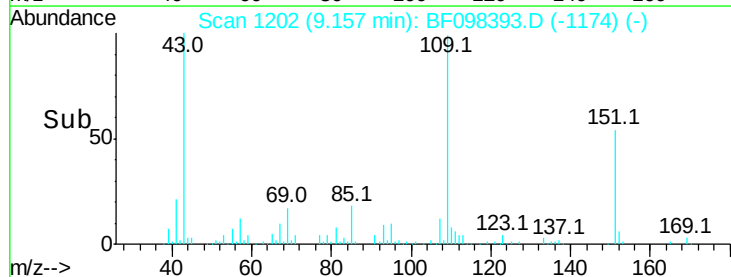
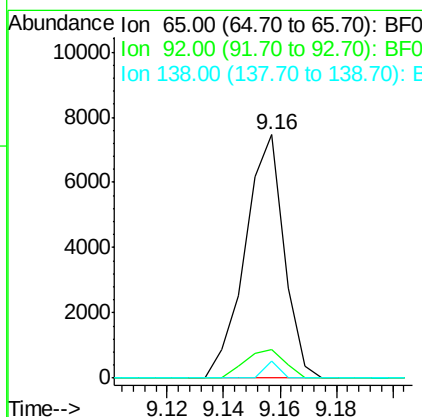
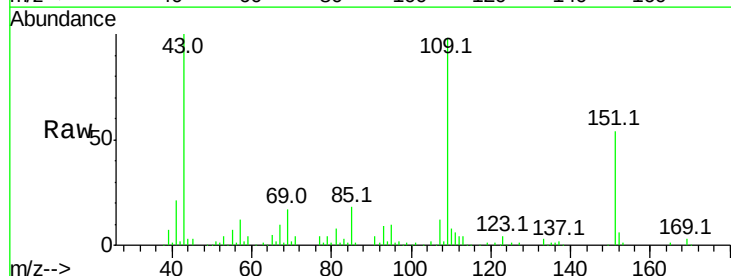
Instrument :
 BNA_F
 ClientSampleId :

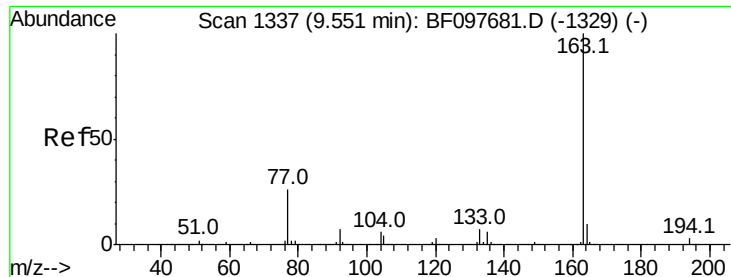
Tot Ion:172 Resp: 845031
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.9 19.8 29.8



#47
 2-Nitroaniline
 Concen: 2.110 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.14 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Tgt Ion: 65 Resp: 7124
 Ion Ratio Lower Upper
 65 100
 92 11.8 53.9 80.9#
 138 7.2 78.8 118.2#

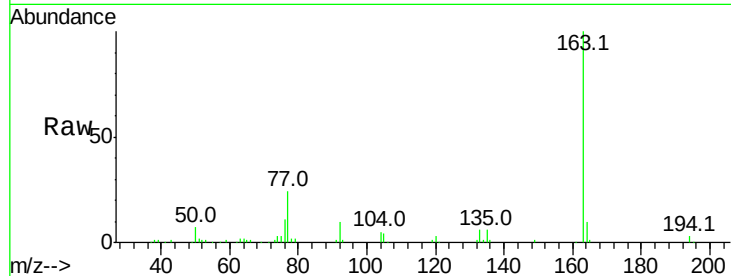




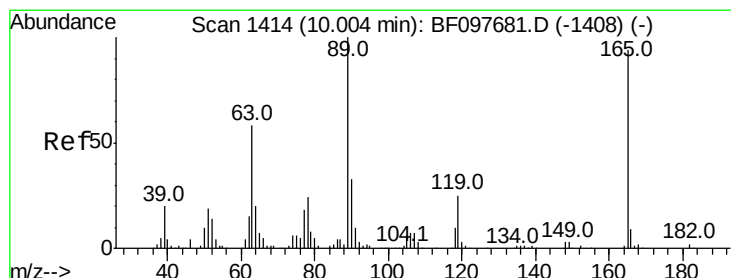
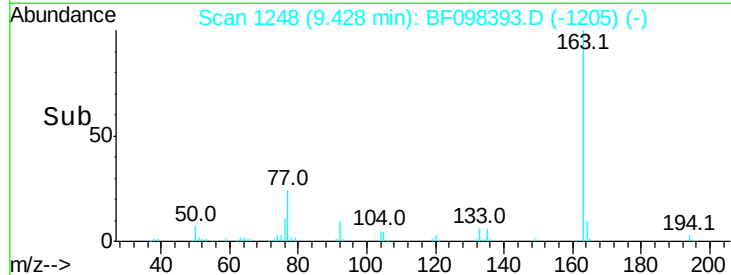
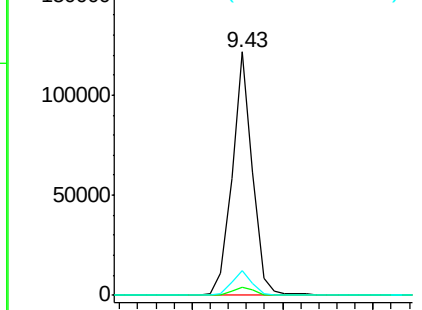
#49
Dimethylphthalate
Concen: 8.627 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 94254
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

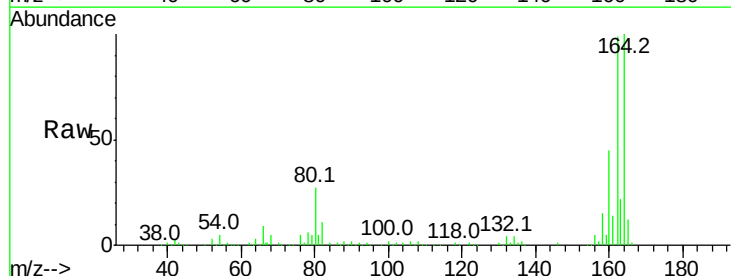


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

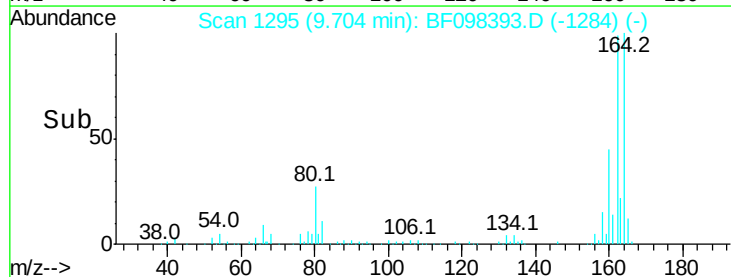
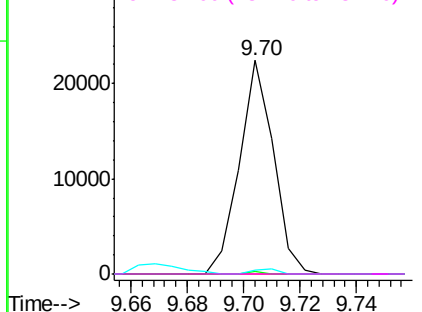


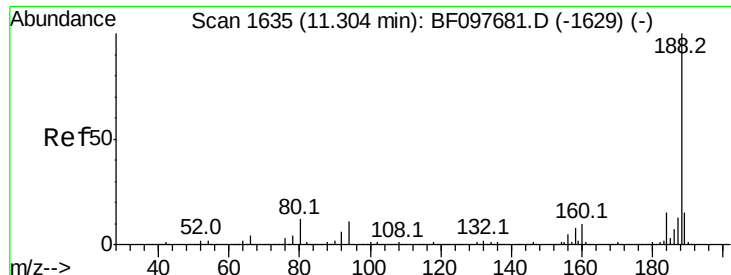
#56
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.24 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:165 Resp: 18728
Ion Ratio Lower Upper
165 100
63 1.5 25.4 38.0#
89 1.5 46.4 69.6#
182 0.0 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E

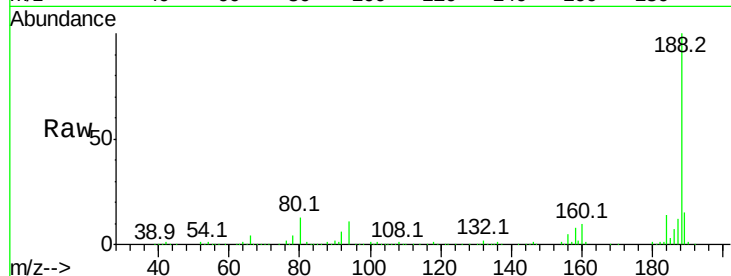




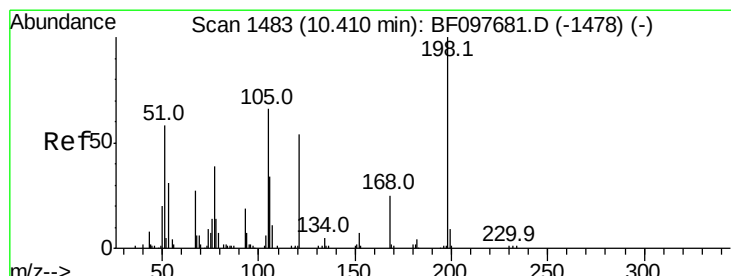
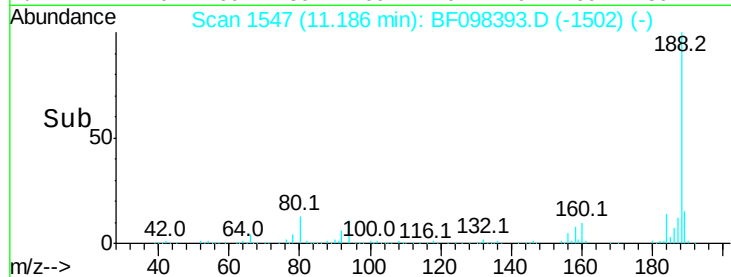
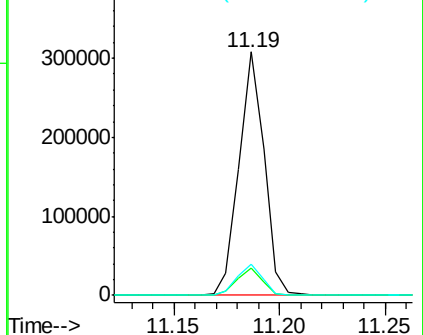
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 254149
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.6 10.2 15.2

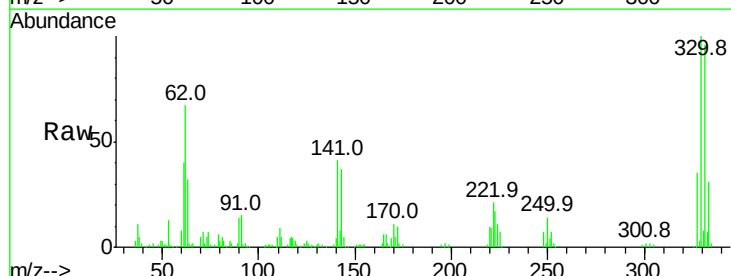


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

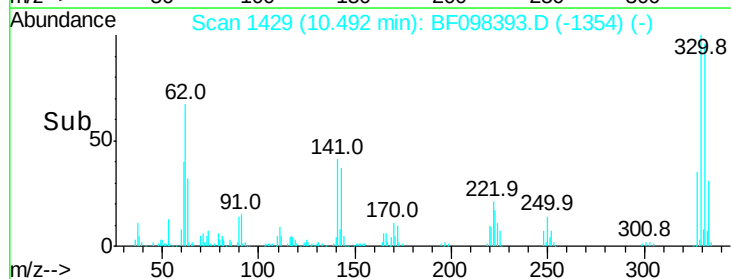
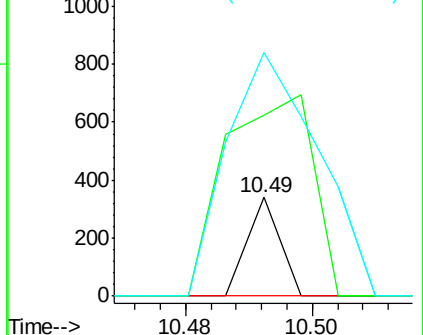


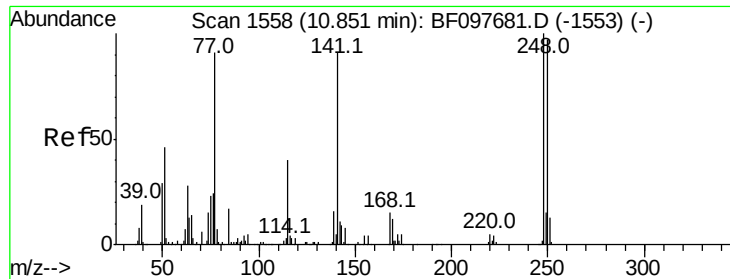
#64
4,6-Dinitro-2-methylphenol
Concen: 8.404 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.14 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 183.6 53.2 93.2#
105 246.3 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

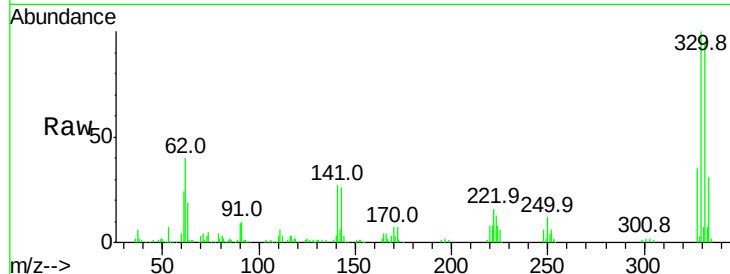




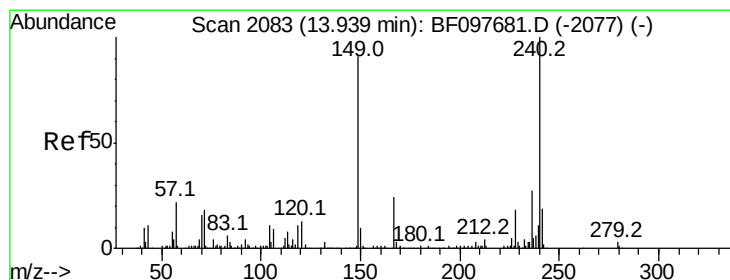
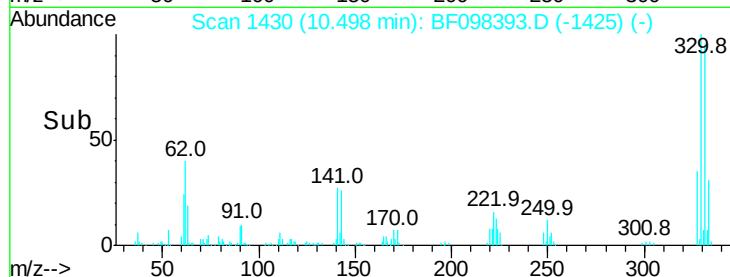
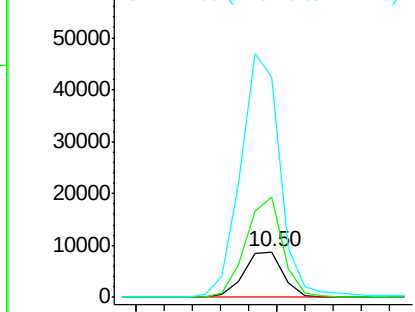
#66
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.27 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8523
Ion Ratio Lower Upper
248 100
250 219.4 76.8 115.2#
141 483.9 68.6 103.0#

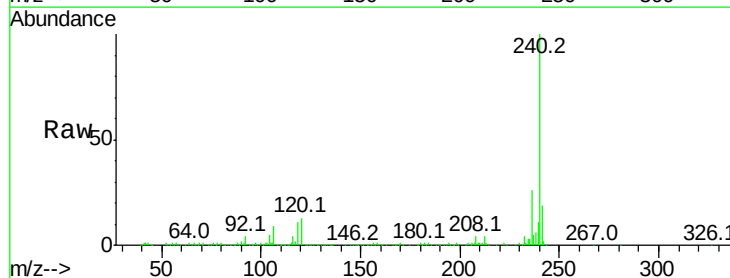


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

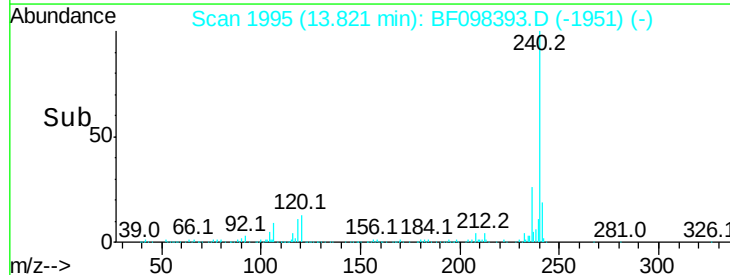
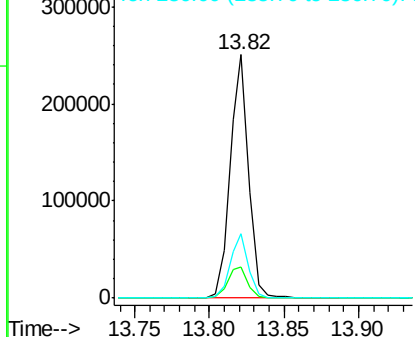


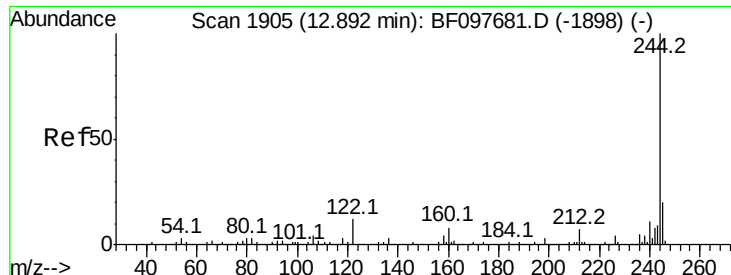
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:240 Resp: 218523
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 26.2 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

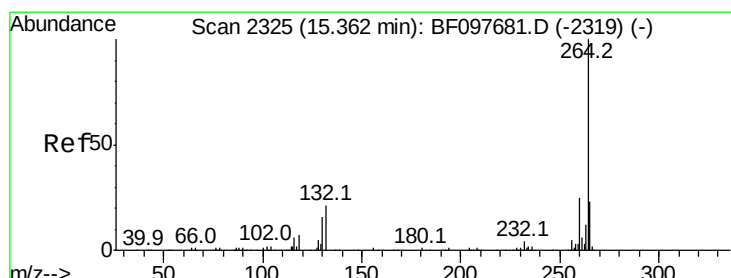
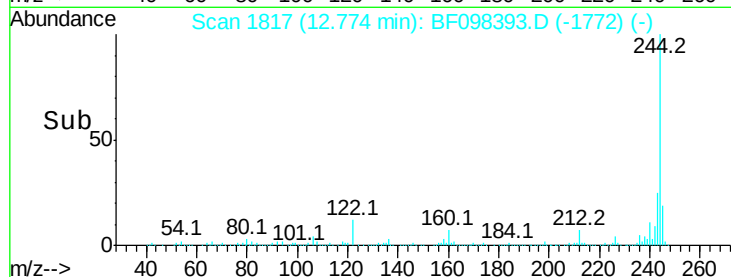
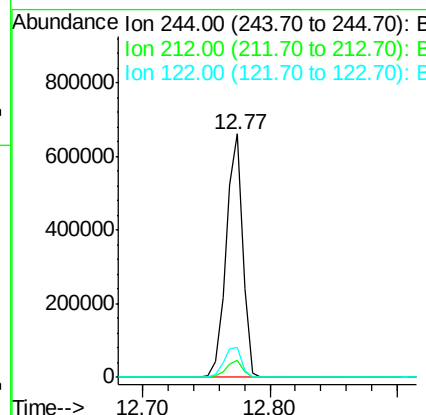
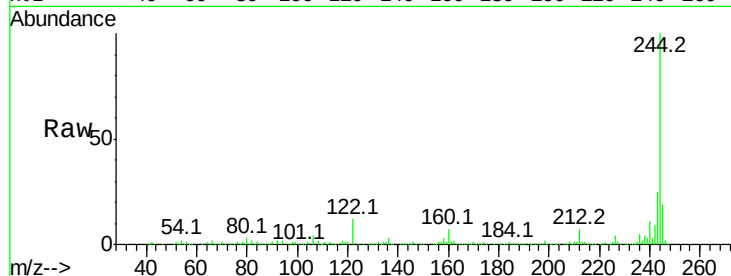




#78
 Terphenyl-d14
 Concen: 57.592 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 603512
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 12.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Tgt Ion:264 Resp: 192451
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.5 29.3
 265 20.7 17.2 25.8

