

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098389.D
 Acq On : 9 Sep 2017 16:48
 Operator : SJ/JU
 Sample : I5178-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:13:13 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

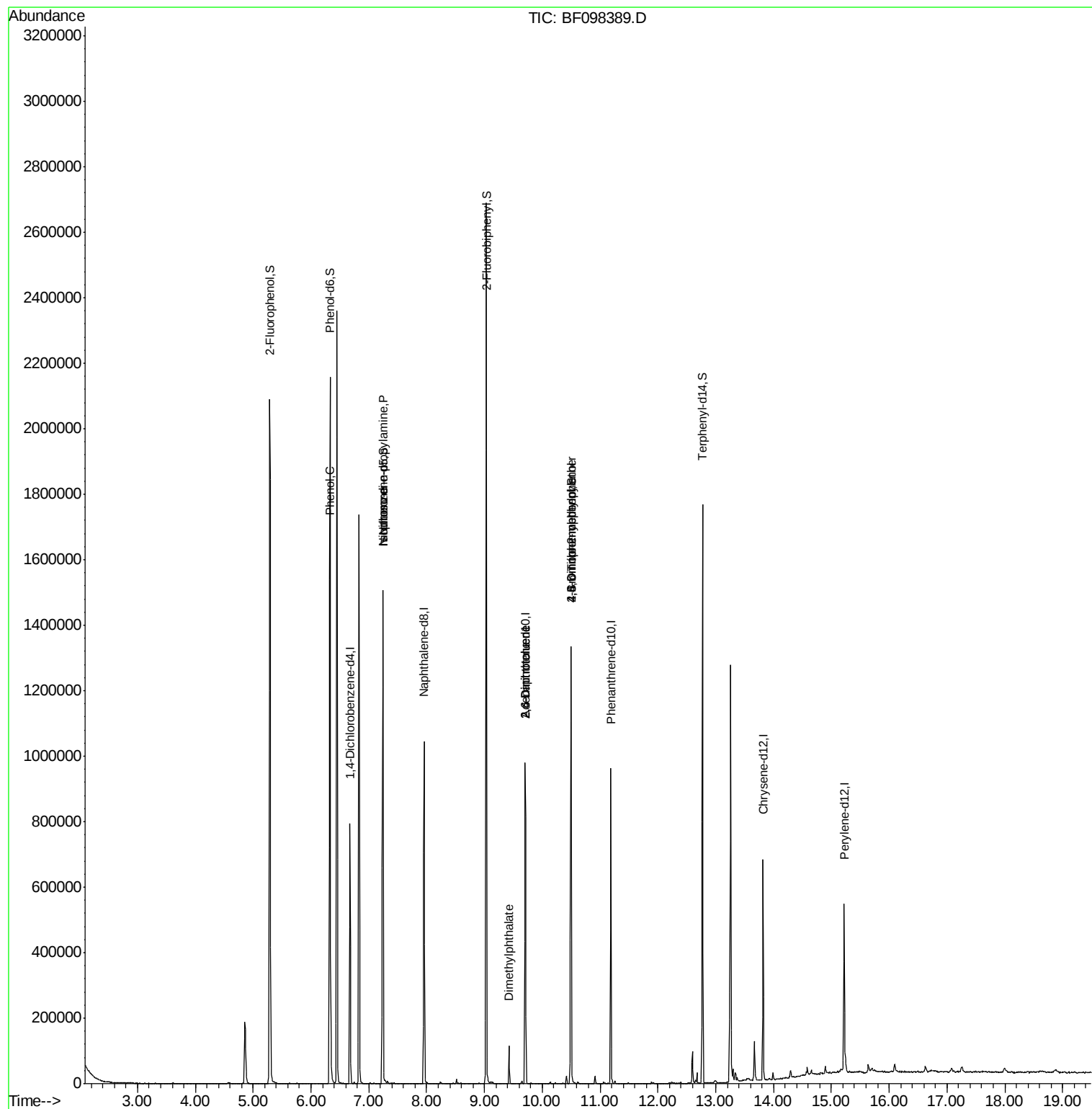
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	107615	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	426979	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	187353	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	321584	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	220080	20.00	ng	-0.04
86) Perylene-d12	15.22	264	213166	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	658823	93.12	ng	-0.02
7) Phenol-d6	6.33	99	897714	93.39	ng	-0.02
23) Nitrobenzene-d5	7.25	82	548593	69.80	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	158012	97.20	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	829385	65.04	ng	-0.04
78) Terphenyl-d14	12.77	244	566506	53.68	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	57865	5.147	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	71598	10.880	ng	# 67
25) Isophorone	7.25	82	548588	33.567	ng	# 67
49) Dimethylphthalate	9.43	163	41087	3.000	ng	97
50) 2,6-Dinitrotoluene	9.70	165	24142	8.831	ng	# 32
56) 2,4-Dinitrotoluene	9.70	165	24142	7.037	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.50	198	157	8.406	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	10063	3.013	ng	# 1

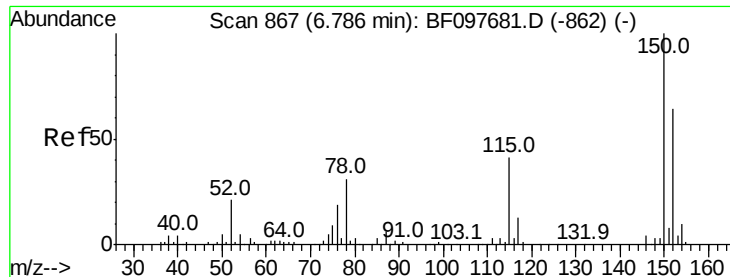
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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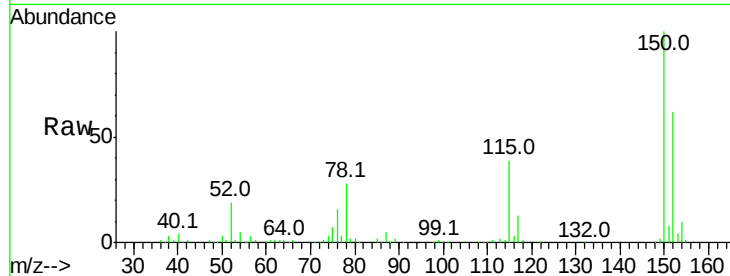


#1

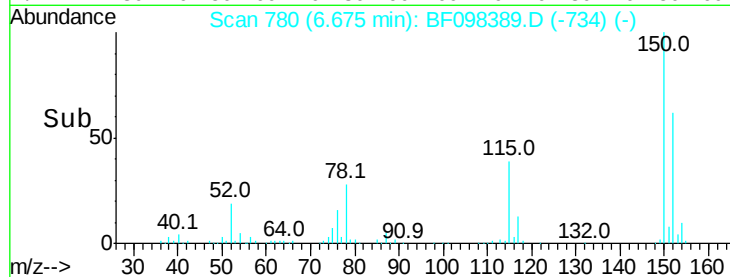
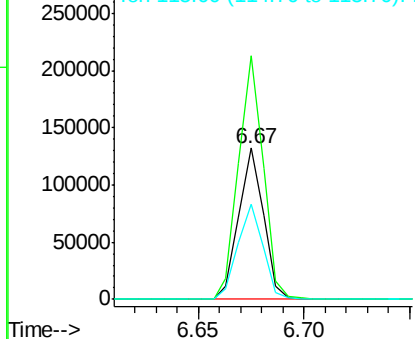
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107615
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 63.2 52.2 78.2



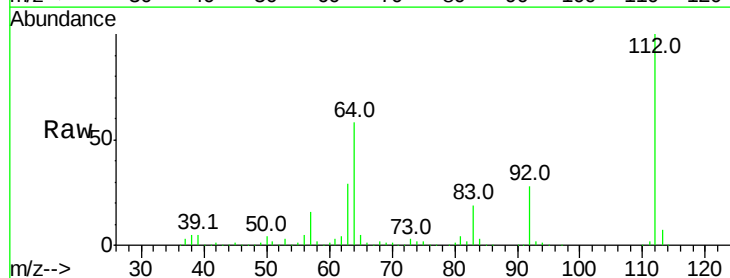
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



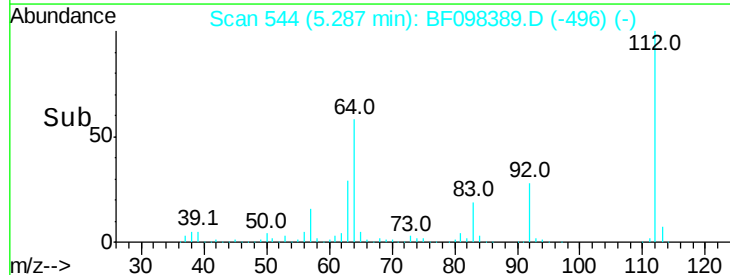
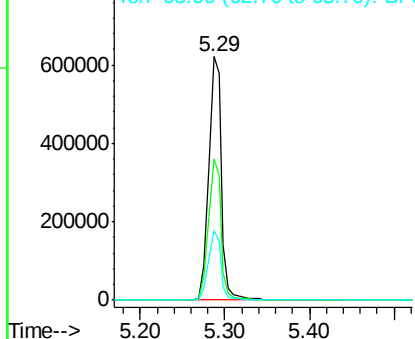
#5

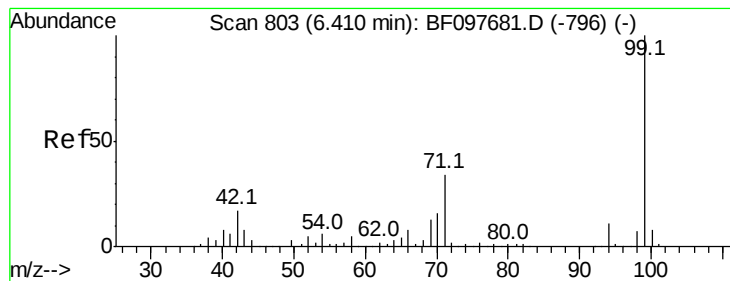
2-Fluorophenol
Concen: 93.121 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Tgt Ion:112 Resp: 658823
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 28.6 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: 93.387 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

BNA_F

ClientSampled :

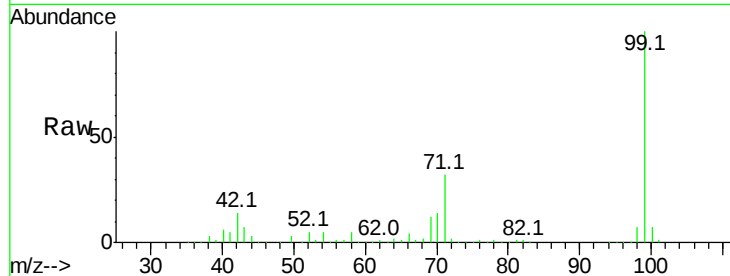
Tot Ion: 99 Resp: 897714

Ion Ratio Lower Upper

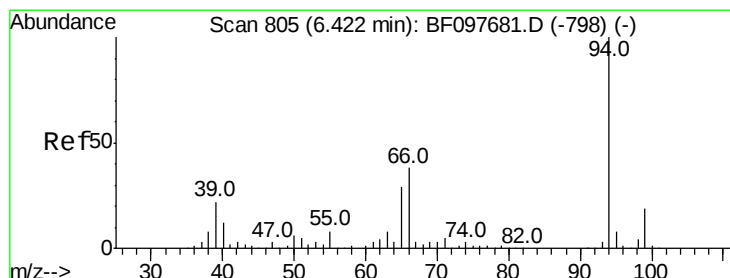
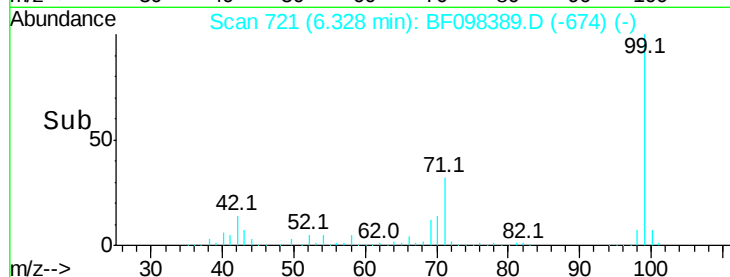
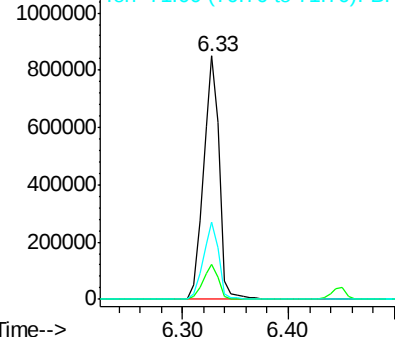
99 100

42 14.4 13.5 20.3

71 31.8 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



#10

Phenol

Concen: 5.147 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

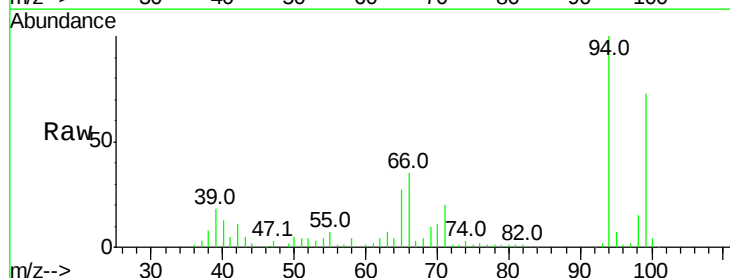
Tgt Ion: 94 Resp: 57865

Ion Ratio Lower Upper

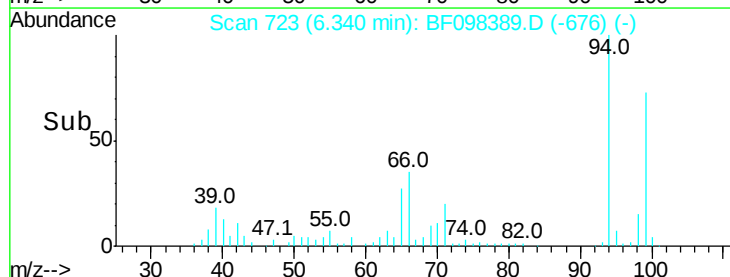
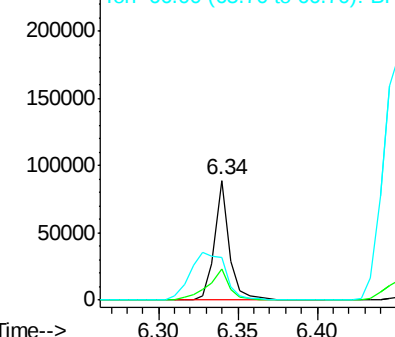
94 100

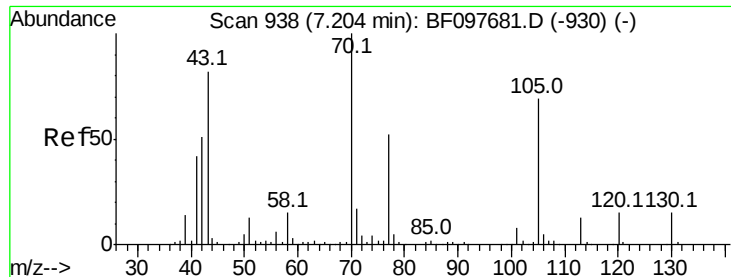
65 26.5 9.9 49.9

66 35.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

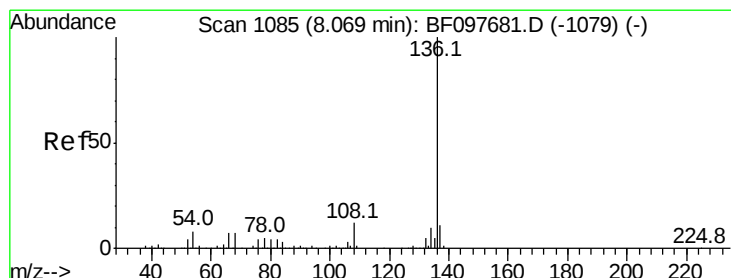
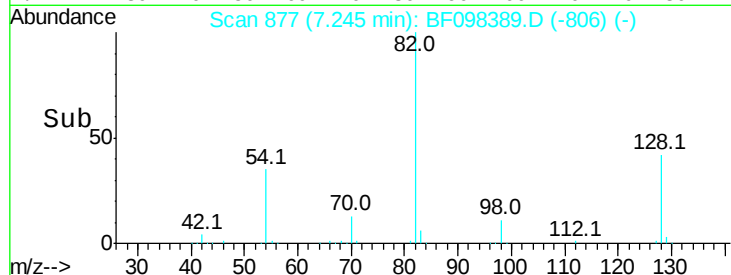
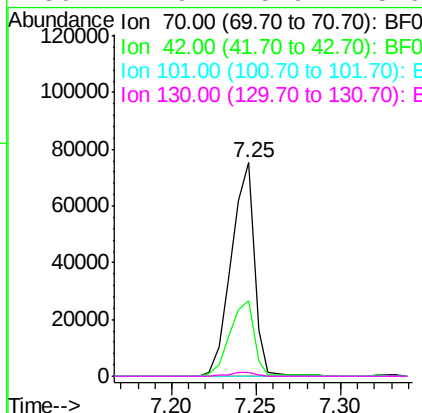
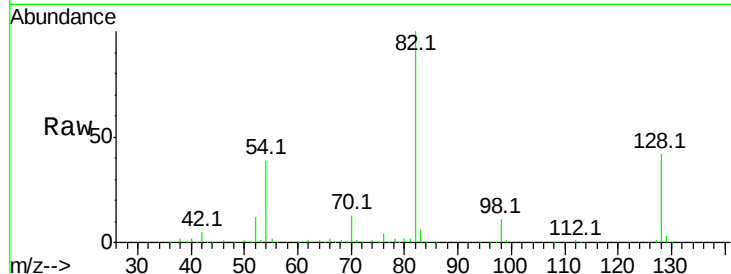




#19
n-Nitroso-di-n-propylamine
Concen: 10.880 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

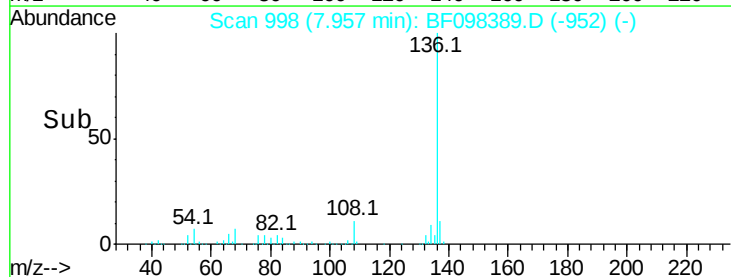
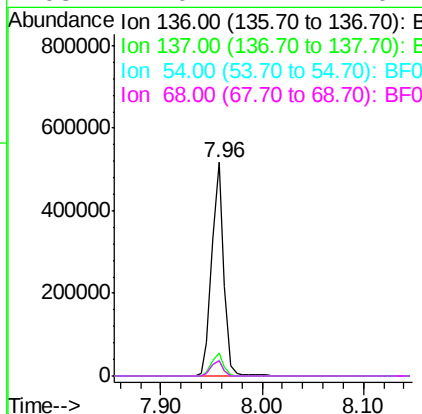
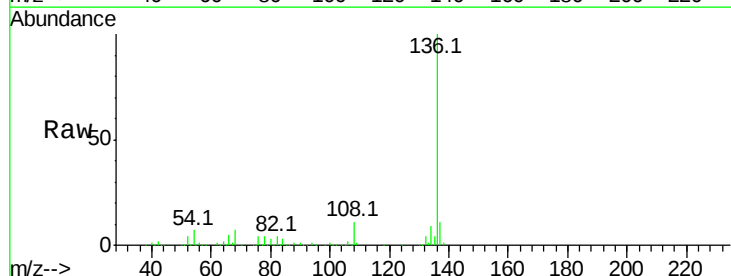
Instrument :
BNA_F
ClientSampled :

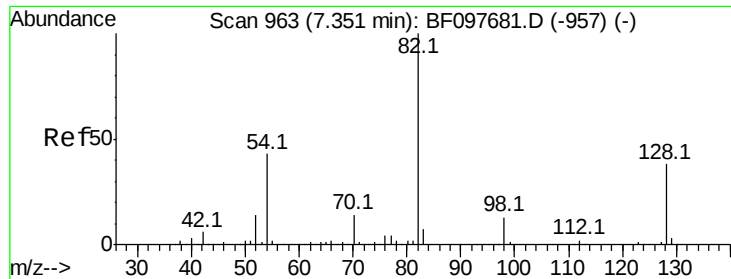
Tot Ion: 70 Resp: 71598
Ion Ratio Lower Upper
70 100
42 35.3 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Tgt Ion:136 Resp: 426979
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.0 4.9 7.3
68 7.0 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 69.798 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

BNA_F

ClientSampleId :

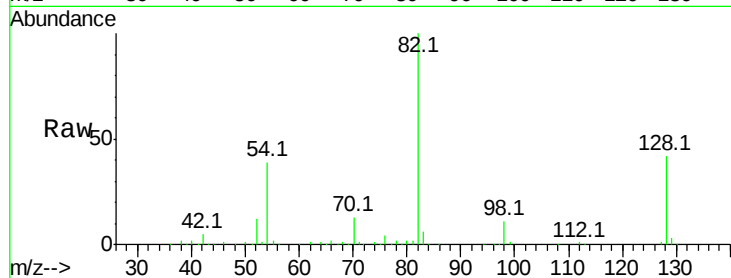
Tot Ion: 82 Resp: 548593

Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

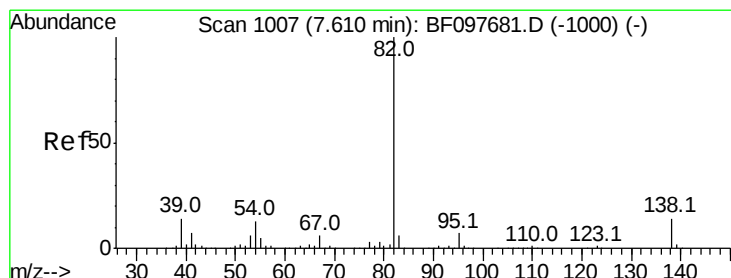
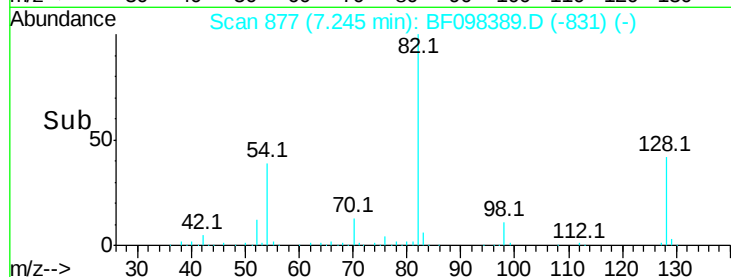
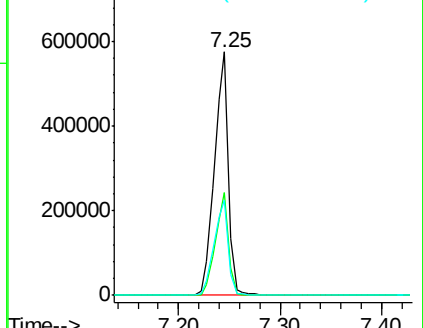
54 38.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 33.567 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

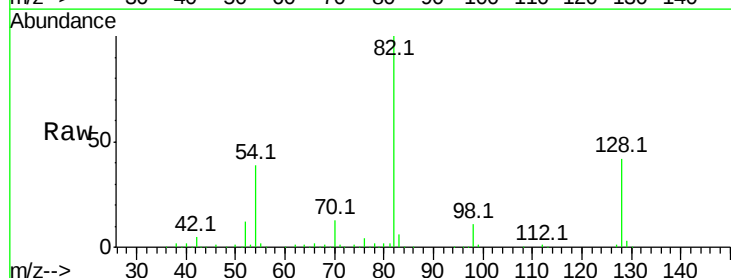
Tgt Ion: 82 Resp: 548588

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

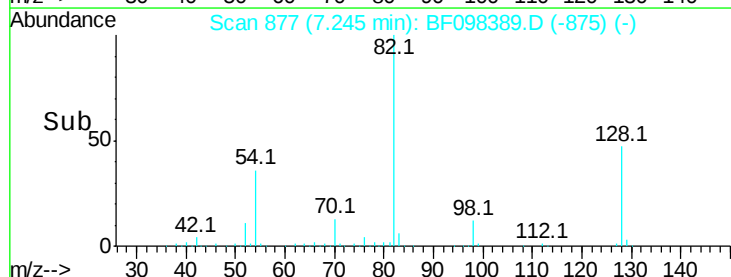
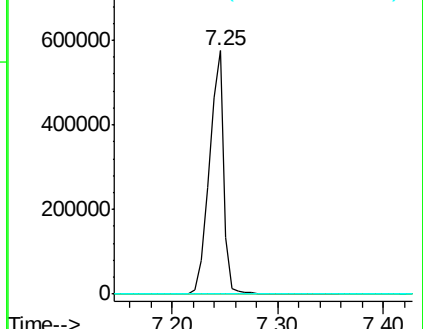
138 0.0 13.1 19.7#

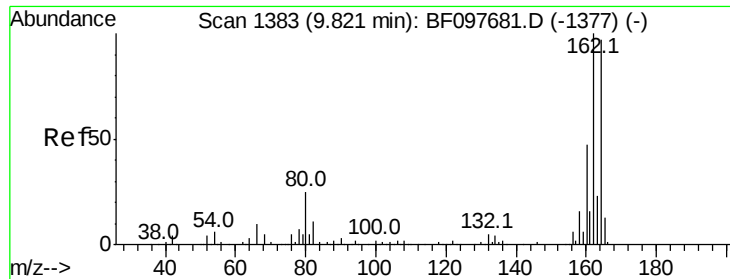


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

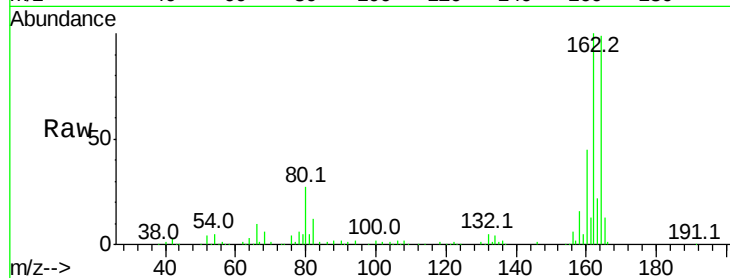




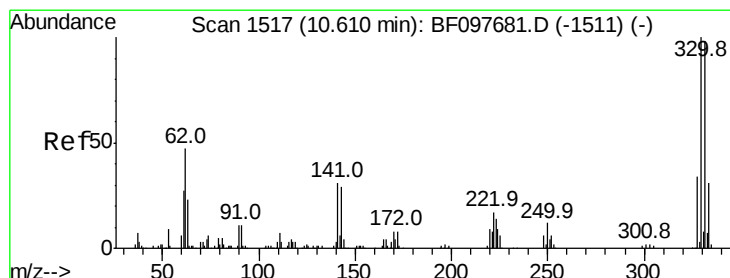
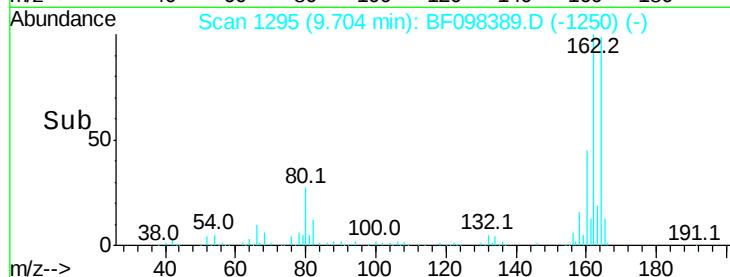
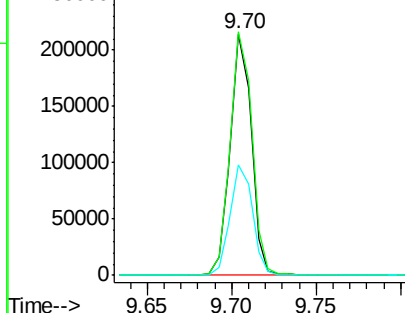
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 187353
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.6 36.2 54.2

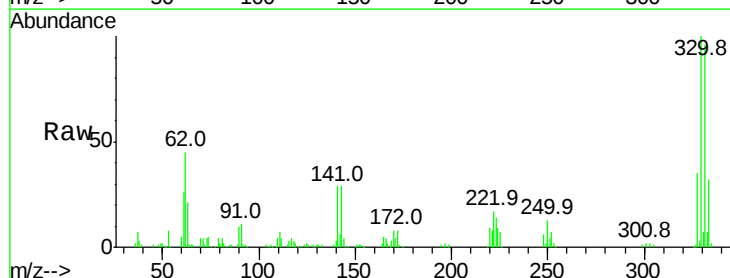


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

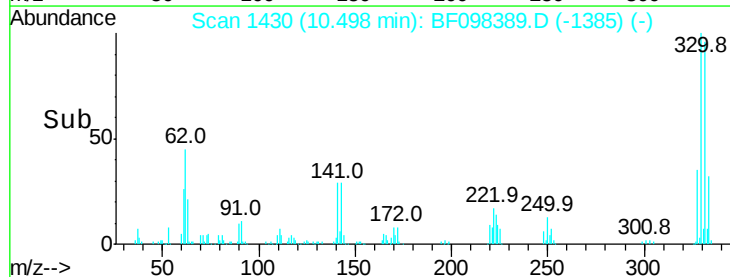
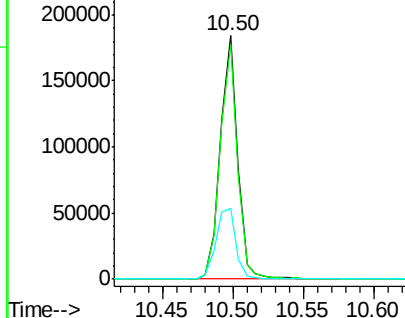


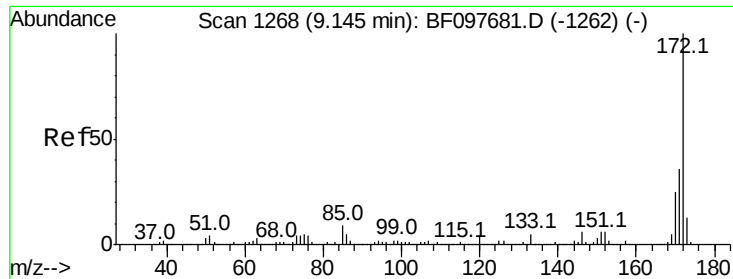
#41
2,4,6-Tribromophenol
Concen: 97.203 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Tgt Ion:330 Resp: 158012
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 33.7 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



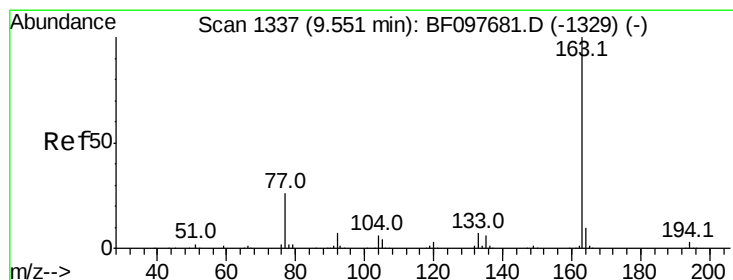
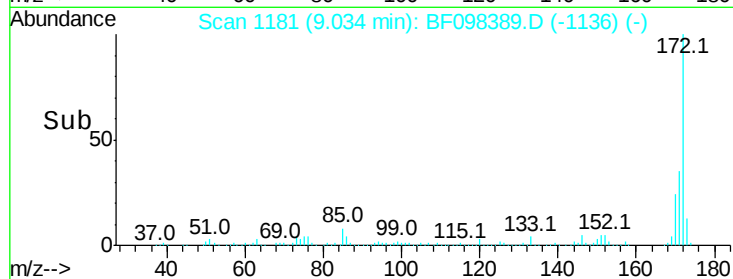
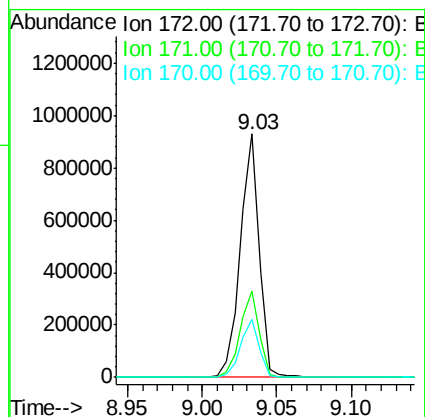
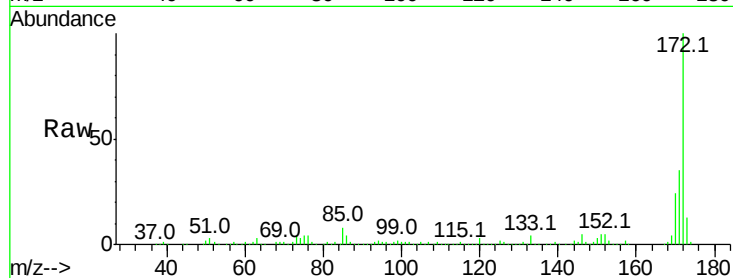


#44
 2-Fluorobiphenyl
 Concen: 65.040 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 829385

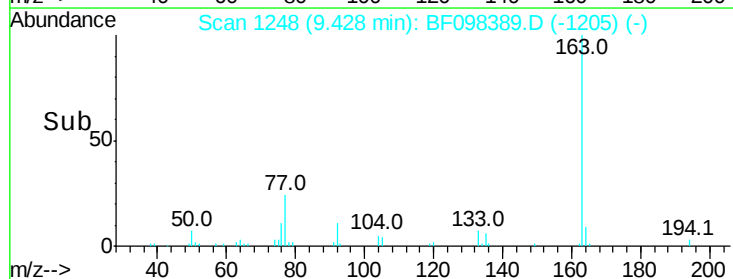
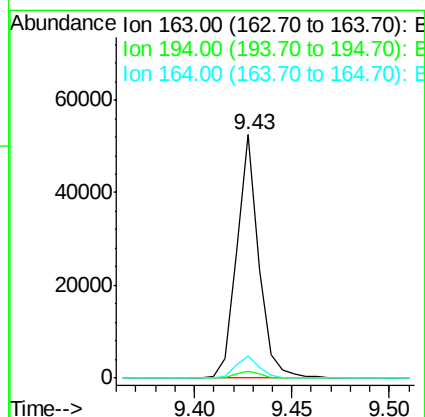
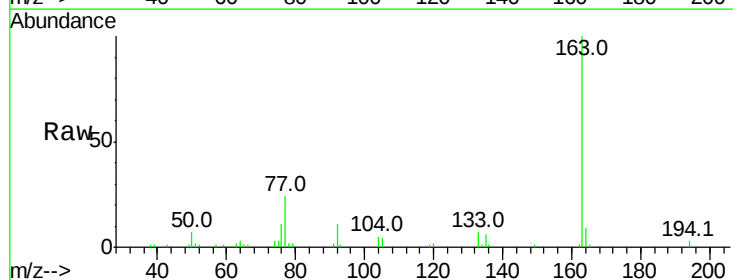
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.9	19.8	29.8

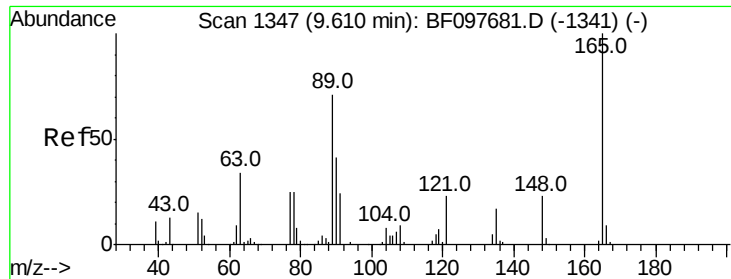


#49
 Dimethylphthalate
 Concen: 3.000 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Tgt Ion:163 Resp: 41087

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.2	8.4	12.6

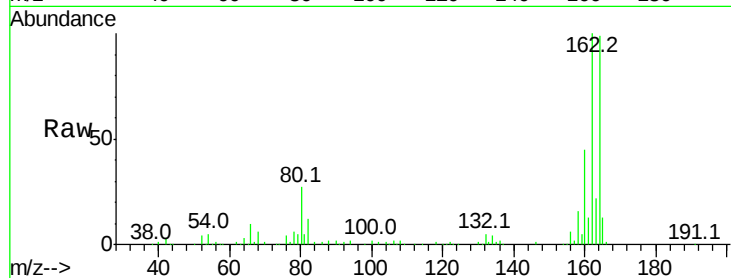




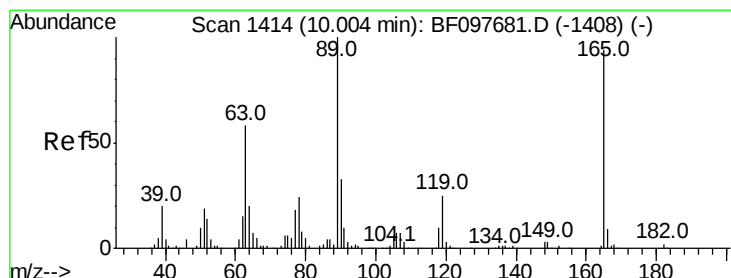
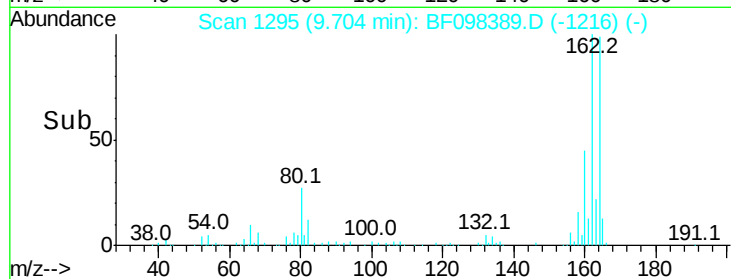
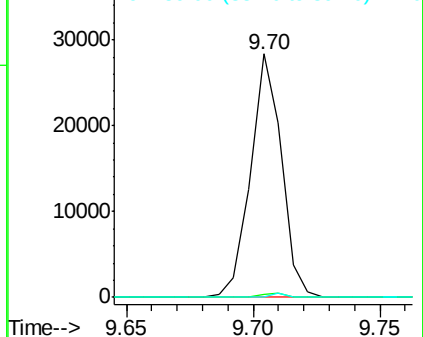
#50
 2,6-Dinitrotoluene
 Concen: 8.831 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.16 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	0.0	37.1	55.7#



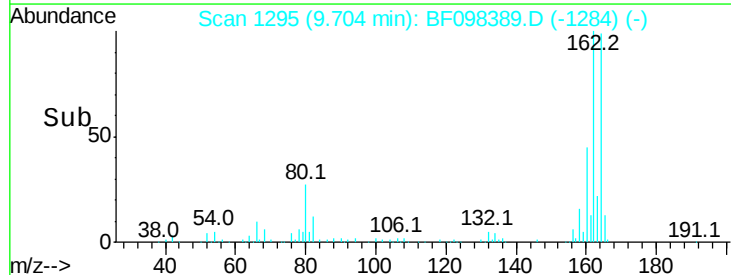
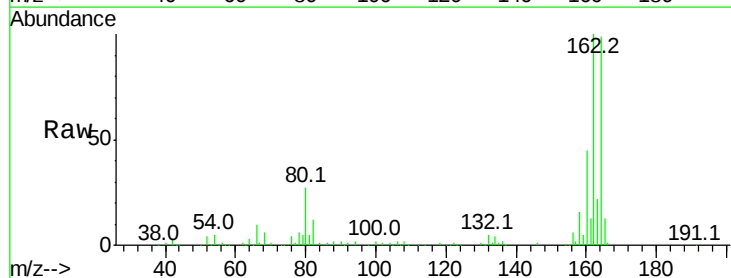
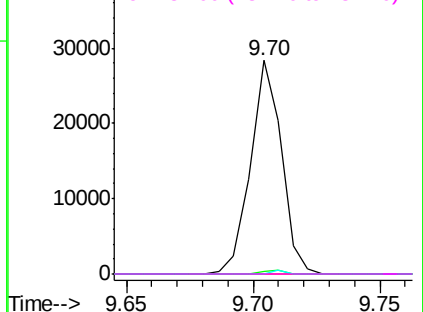
Abundance Ion 165.00 (164.70 to 165.70): E

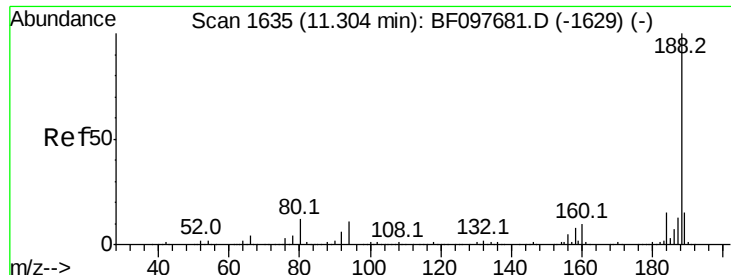


#56
 2,4-Dinitrotoluene
 Concen: 7.037 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.04 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

BNA_F

ClientSampleId :

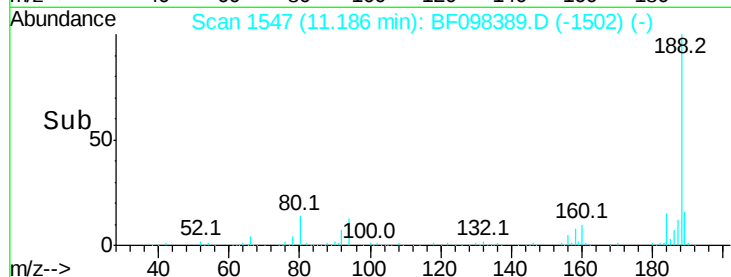
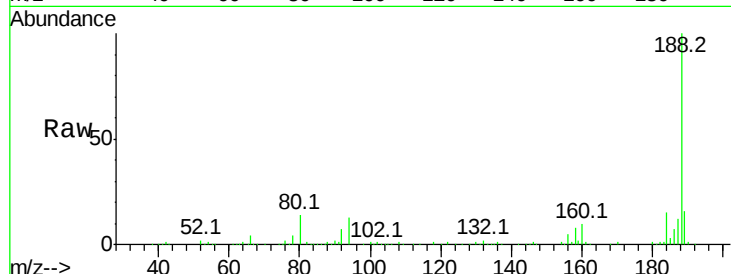
Tot Ion:188 Resp: 321584

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

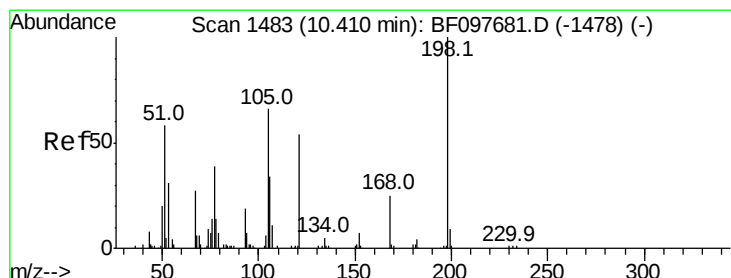
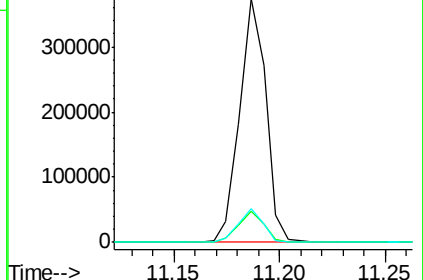
80 14.0 10.2 15.2



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: 8.406 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.15 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

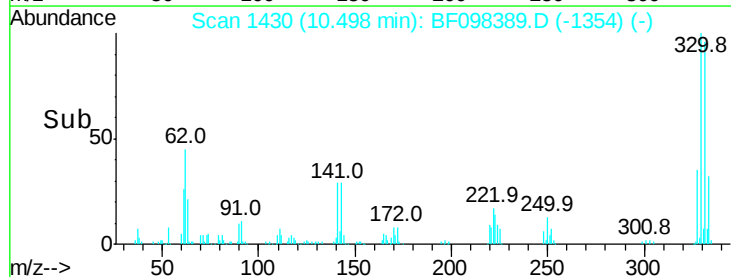
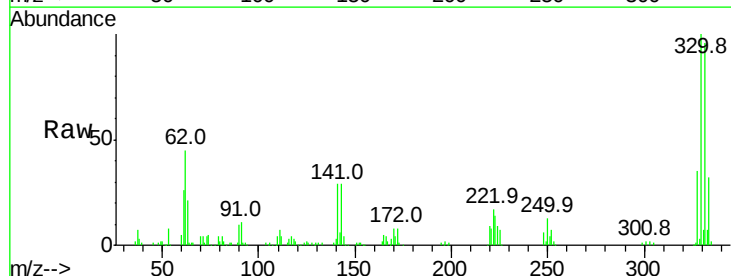
Tgt Ion:198 Resp: 157

Ion Ratio Lower Upper

198 100

51 146.4 53.2 93.2#

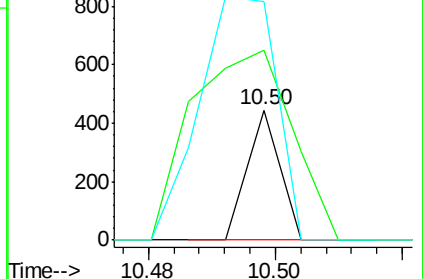
105 183.6 45.8 85.8#

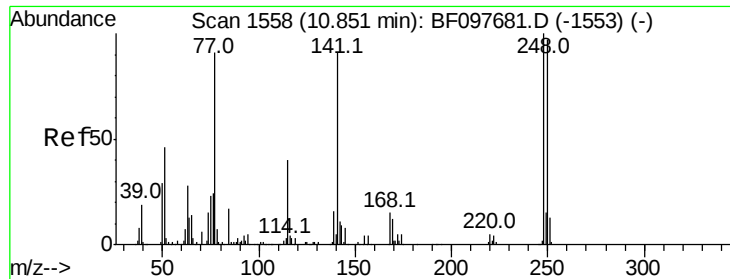


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

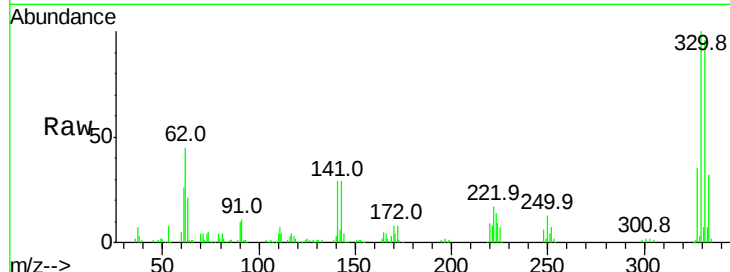




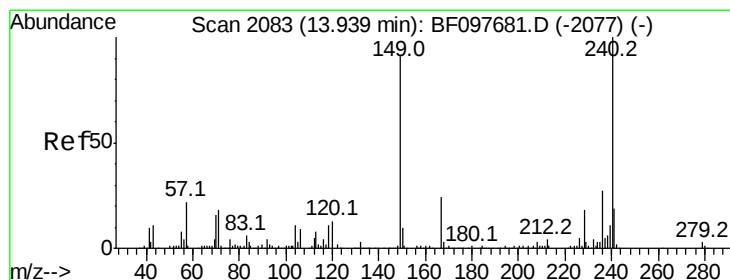
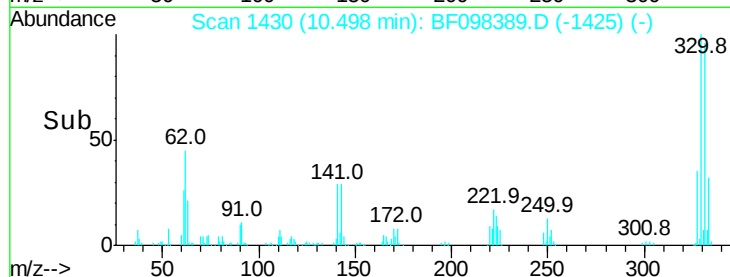
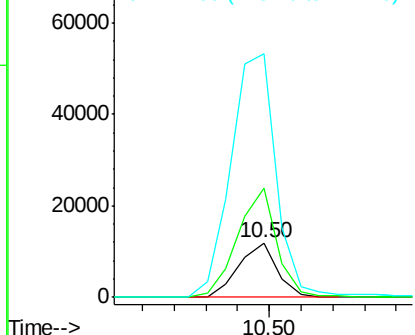
#66
 4-Bromophenyl-phenylether
 Concen: 3.013 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.27 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10063
 Ion Ratio Lower Upper
 248 100
 250 199.7 76.8 115.2#
 141 446.9 68.6 103.0#

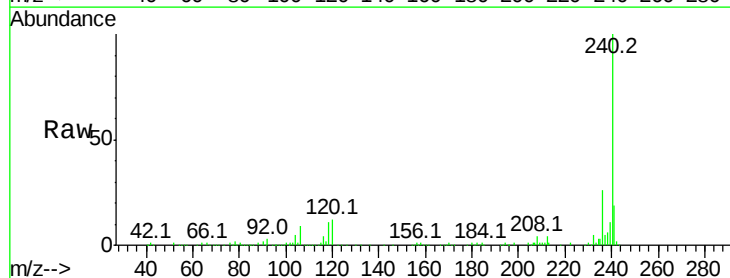


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

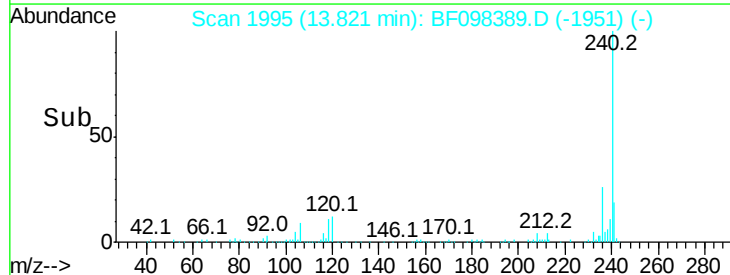
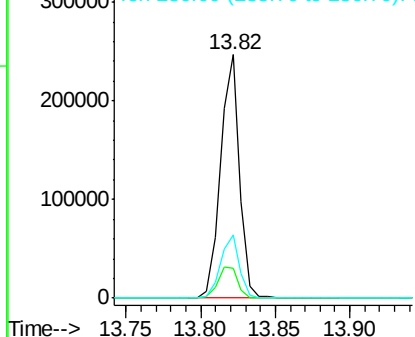


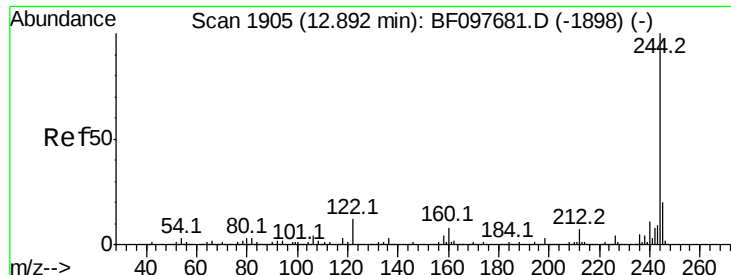
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Tgt Ion:240 Resp: 220080
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.8 8.8#
 236 26.1 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

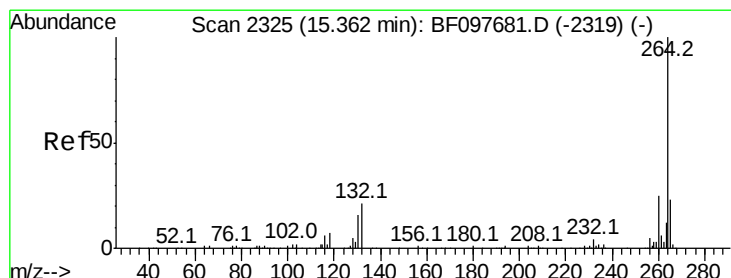
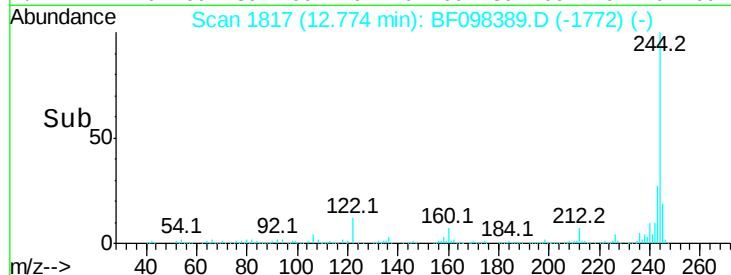
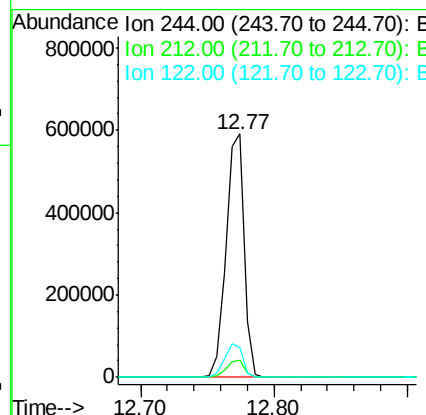
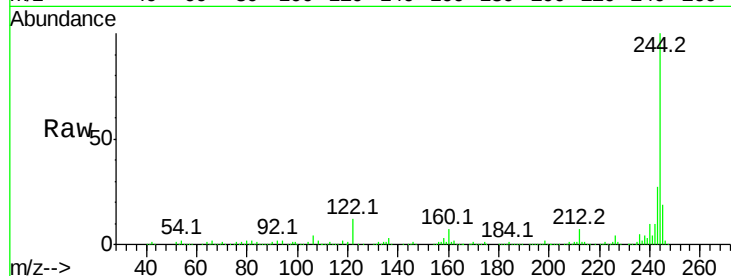




#78
 Terphenyl-d14
 Concen: 53.678 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 566506
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.0 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: BF098389.D
 Acq: 9 Sep 2017 16:48

Tgt Ion:264 Resp: 213166
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.0 17.2 25.8

