

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098390.D
 Acq On : 9 Sep 2017 17:15
 Operator : SJ/JU
 Sample : I5178-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:13:23 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

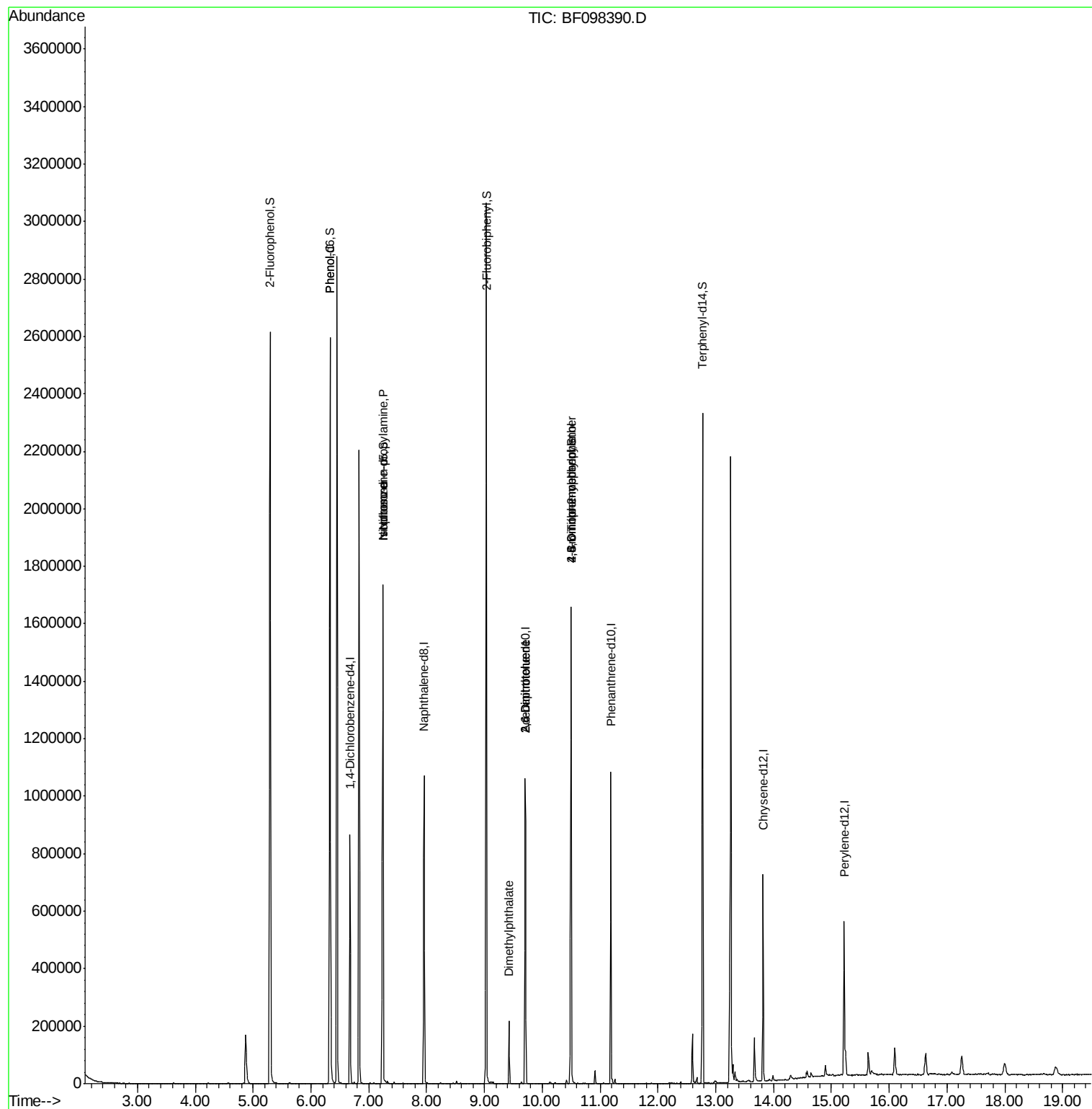
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117276	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	458656	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	203985	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	359370	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	240337	20.00	ng	-0.04
86) Perylene-d12	15.22	264	227787	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	838815	108.79	ng	-0.01
7) Phenol-d6	6.33	99	1139934	108.82	ng	-0.02
23) Nitrobenzene-d5	7.25	82	702892	83.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	206701	116.79	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1052547	75.81	ng	-0.04
78) Terphenyl-d14	12.77	244	748259	64.92	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	80672	6.584	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	91558	12.767	ng	# 70
25) Isophorone	7.25	82	702714	40.027	ng	# 67
49) Dimethylphthalate	9.43	163	76339	5.120	ng	99
50) 2,6-Dinitrotoluene	9.70	165	26629	8.947	ng	# 33
56) 2,4-Dinitrotoluene	9.70	165	26629	7.129	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.50	198	352	8.493	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	13602	3.645	ng	# 1

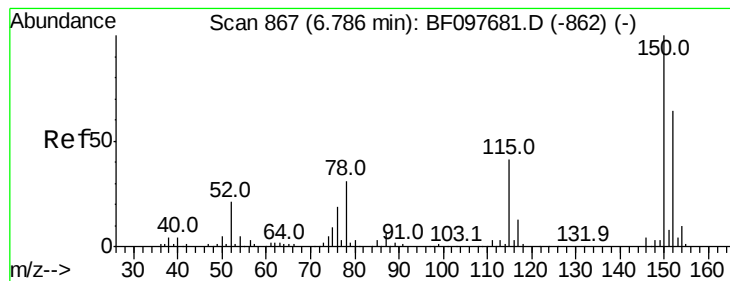
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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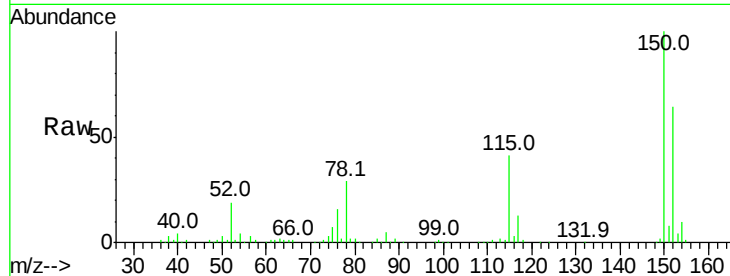


#1

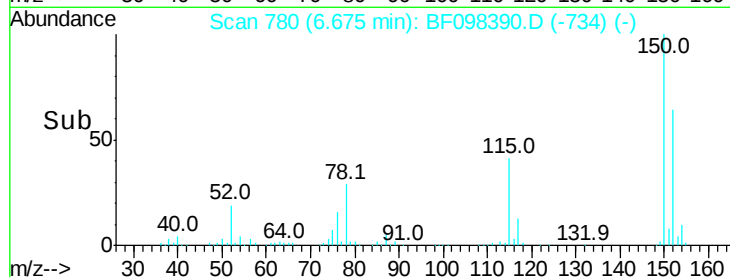
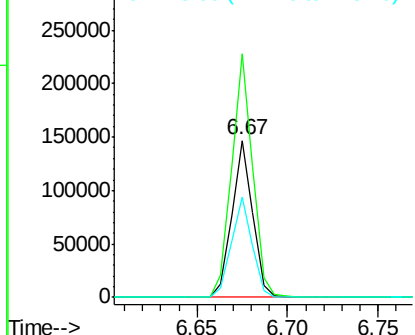
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117276
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 64.4 52.2 78.2



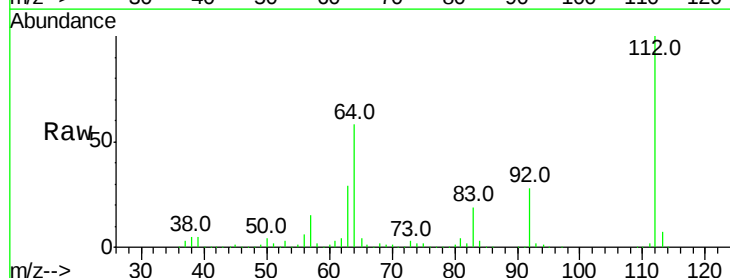
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



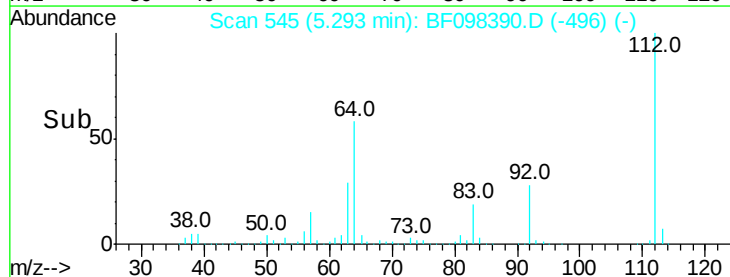
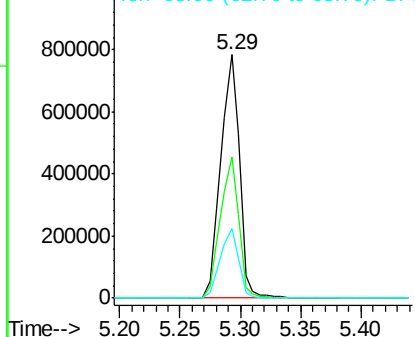
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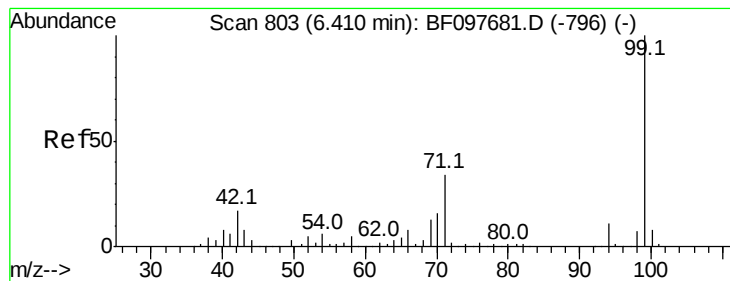
2-Fluorophenol
Concen: 108.795 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:112 Resp: 838815
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 28.7 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: 108.816 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampled :

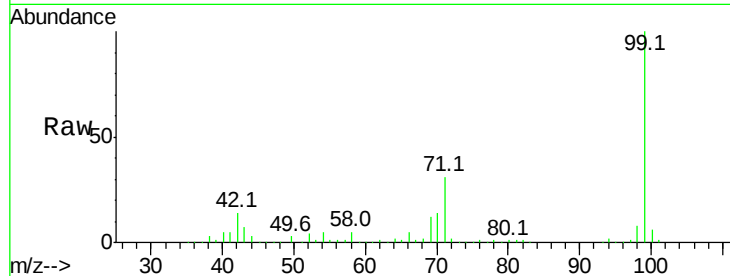
Tot Ion: 99 Resp: 1139934

Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.5	20.3
71	30.9	24.5	36.7

99 100

42 13.5 13.5 20.3

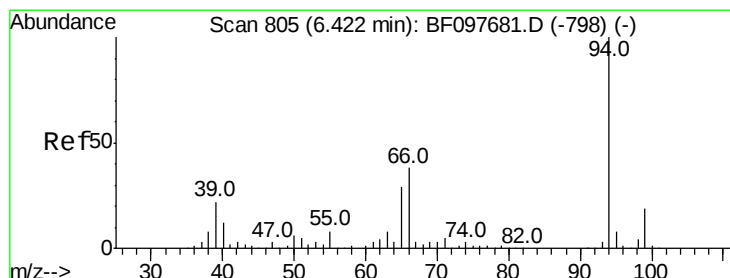
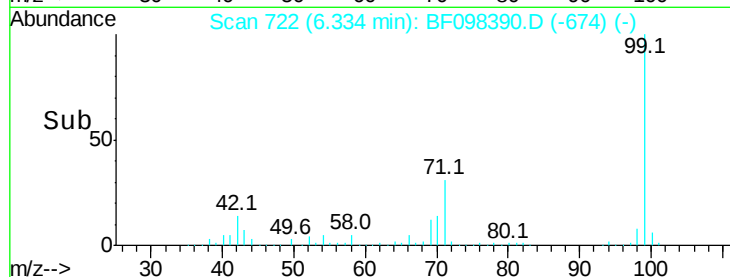
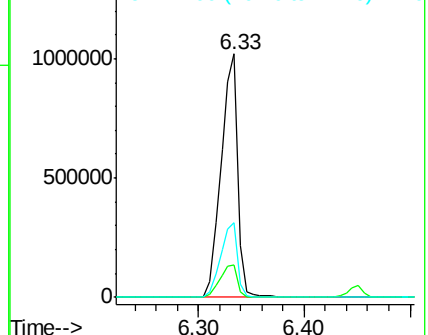
71 30.9 24.5 36.7



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: 6.584 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

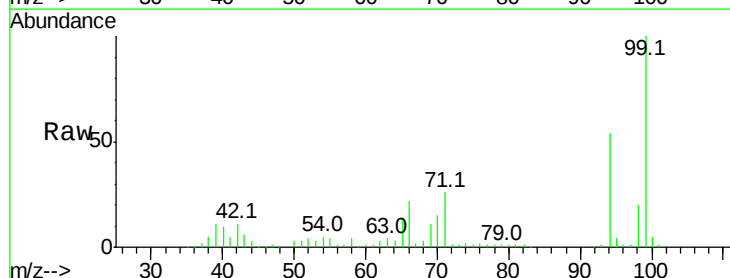
Tgt Ion: 94 Resp: 80672

Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	40.9	23.1	63.1

94 100

65 26.4 9.9 49.9

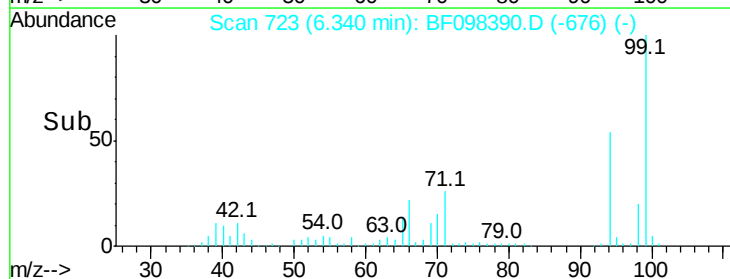
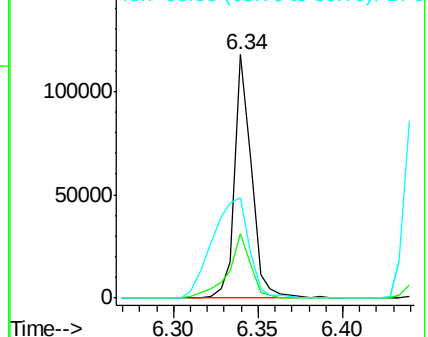
66 40.9 23.1 63.1

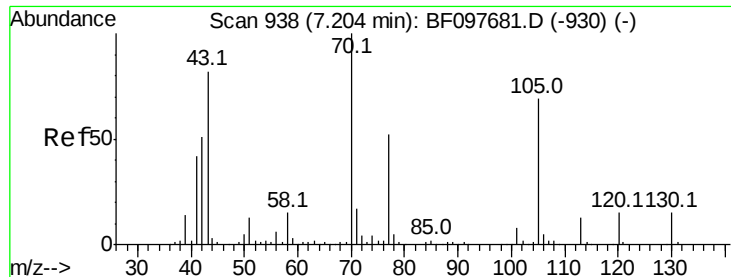


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

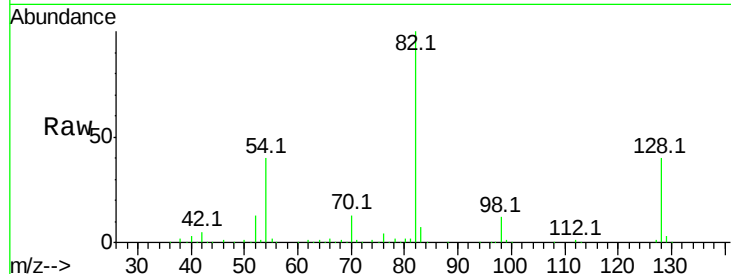




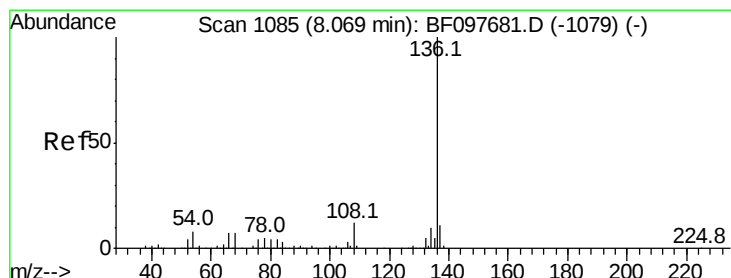
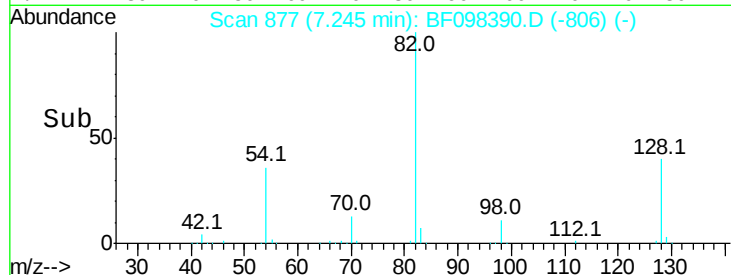
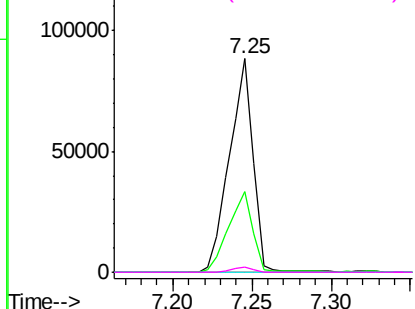
#19
n-Nitroso-di-n-propylamine
Concen: 12.767 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 91558
Ion Ratio Lower Upper
70 100
42 38.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#

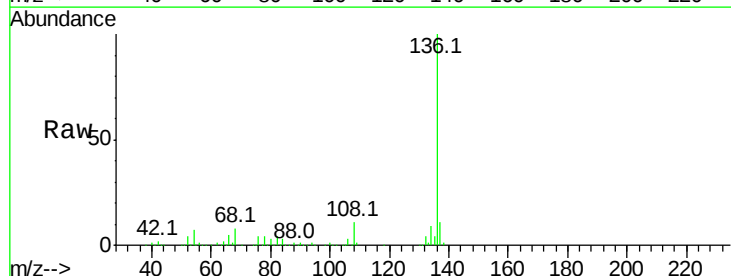


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

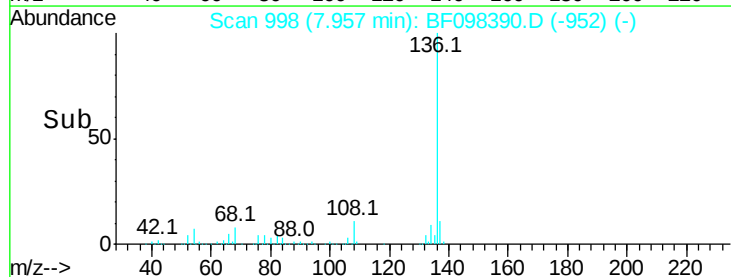
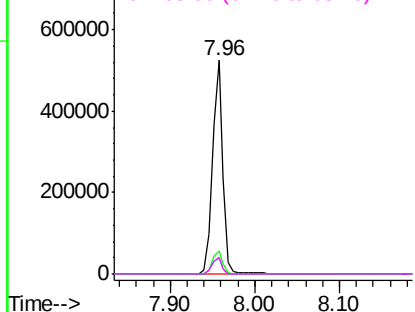


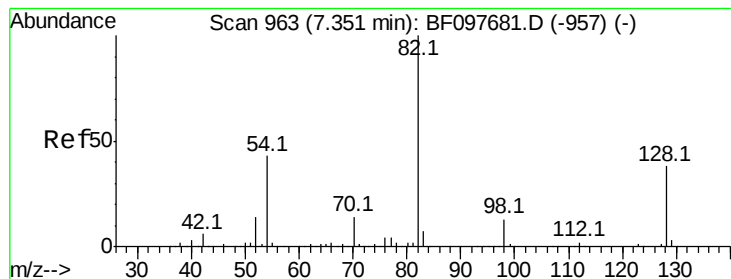
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:136 Resp: 458656
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.3 4.9 7.3#
68 7.5 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: 83.253 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampleId :

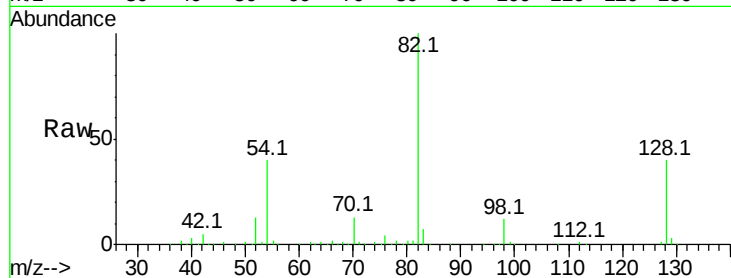
Tot Ion: 82 Resp: 702892

Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

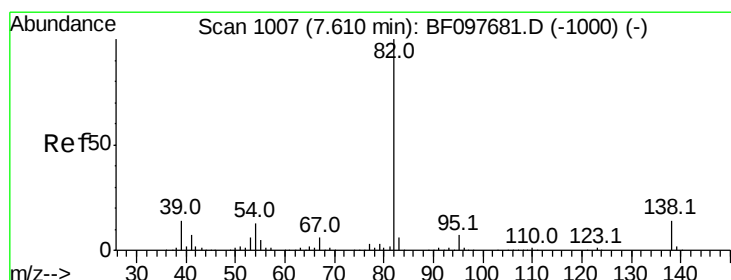
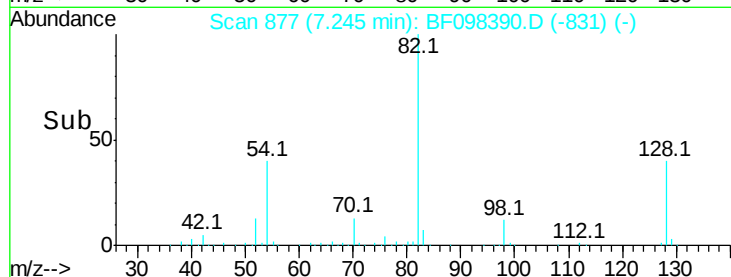
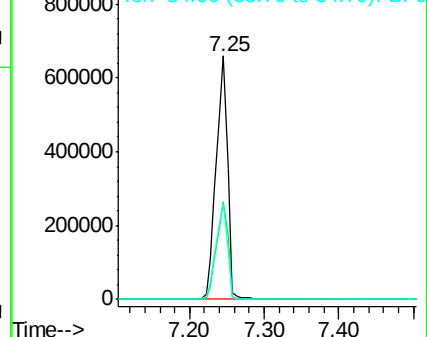
54 39.8 42.2 63.2#



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: 40.027 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

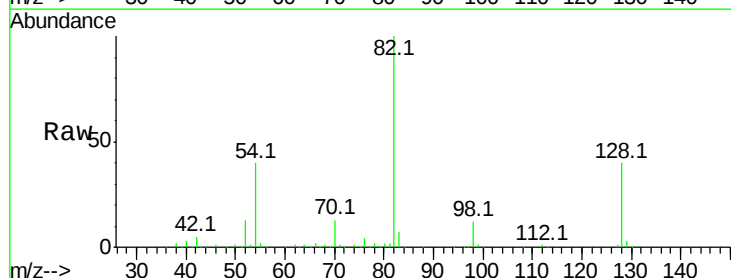
Tgt Ion: 82 Resp: 702714

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

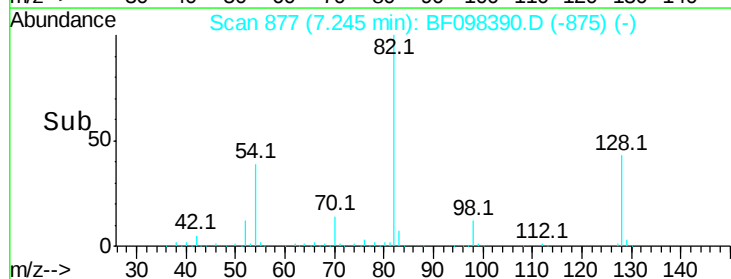
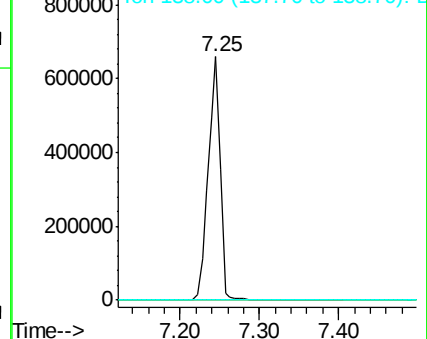
138 0.0 13.1 19.7#

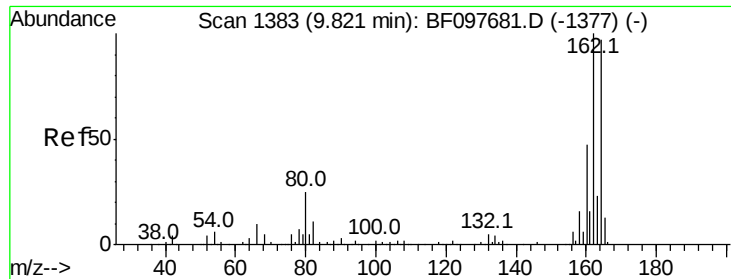


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

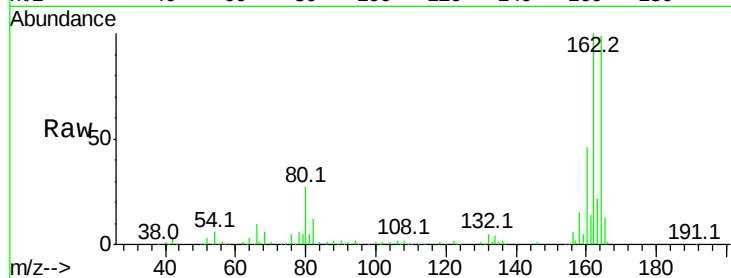




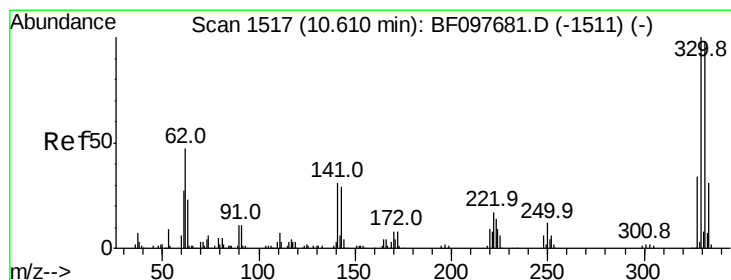
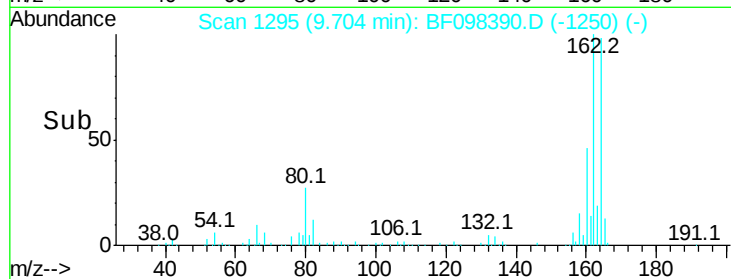
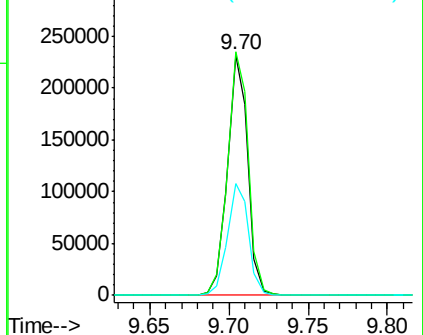
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 203985
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 46.4 36.2 54.2

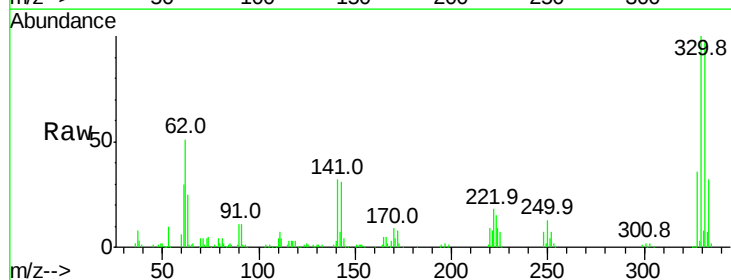


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

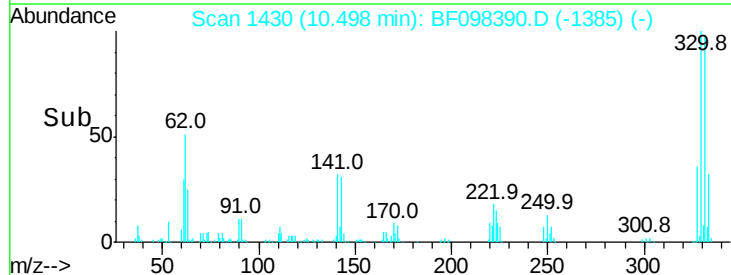
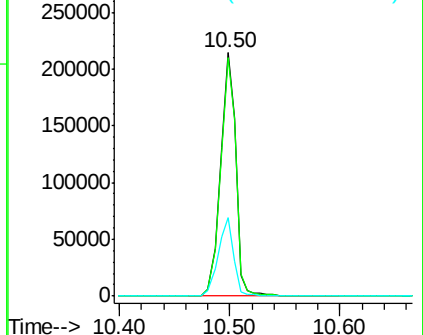


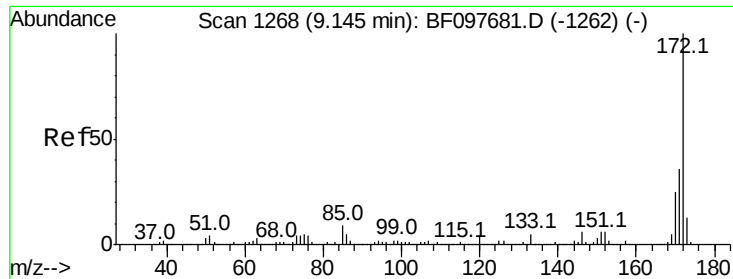
#41
2,4,6-Tribromophenol
Concen: 116.787 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:330 Resp: 206701
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 32.5 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



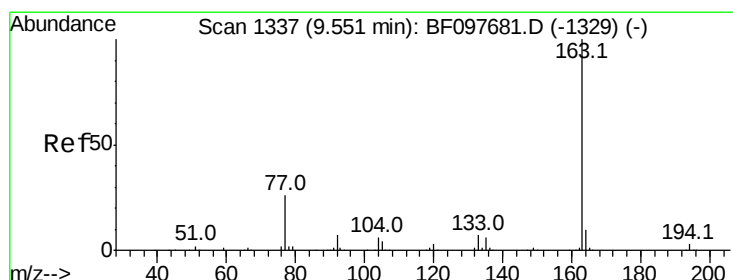
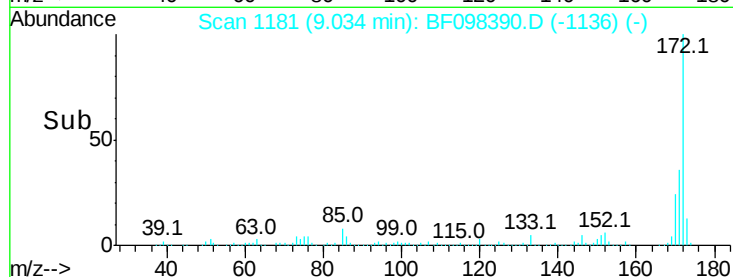
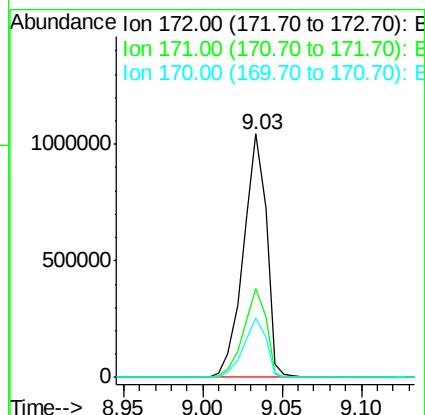
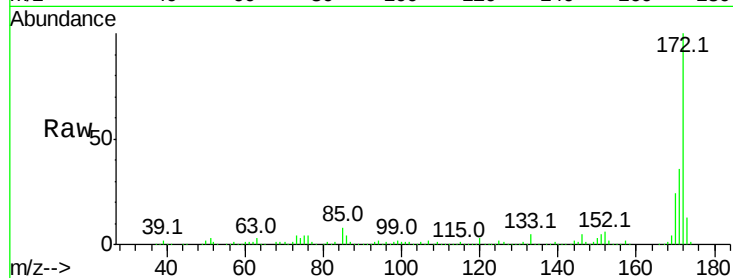


#44
 2-Fluorobiphenyl
 Concen: 75.810 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098390.D
 Acq: 9 Sep 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1052547

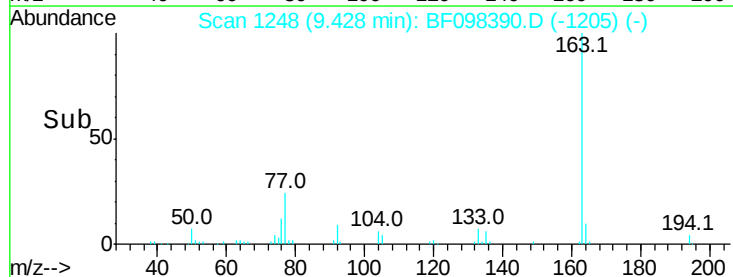
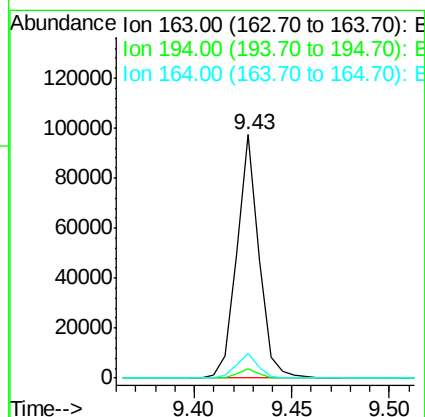
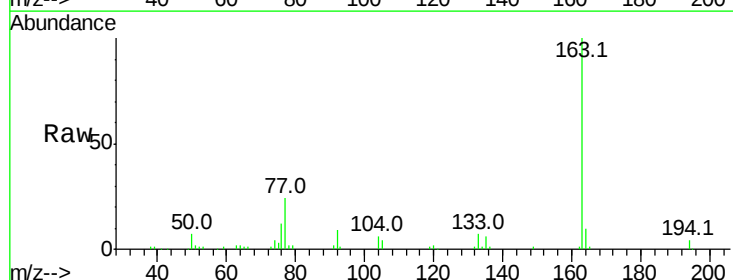
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8

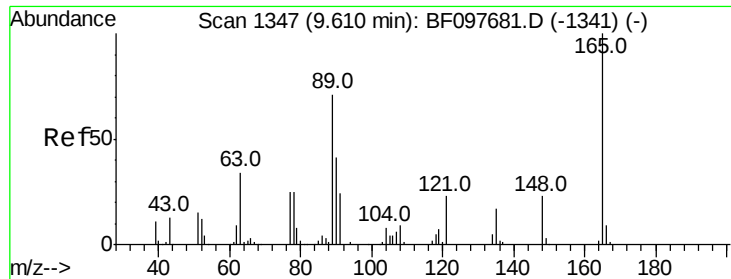


#49
 Dimethylphthalate
 Concen: 5.120 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BF098390.D
 Acq: 9 Sep 2017 17:15

Tgt Ion:163 Resp: 76339

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6

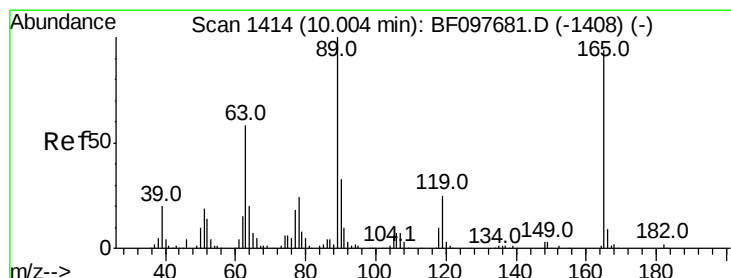
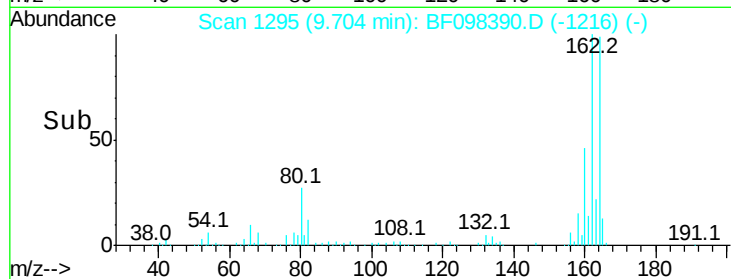
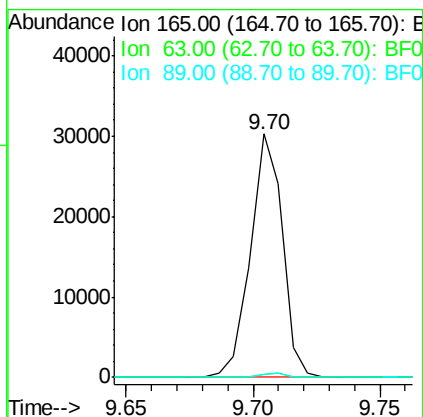
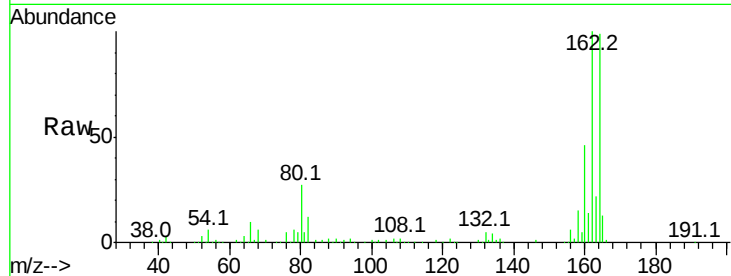




#50
 2,6-Dinitrotoluene
 Concen: 8.947 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.16 min
 Lab File: BF098390.D
 Acq: 9 Sep 2017 17:15

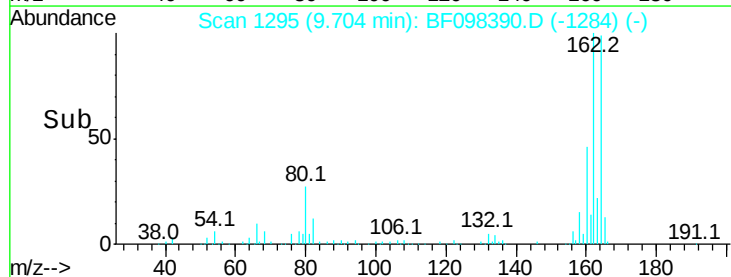
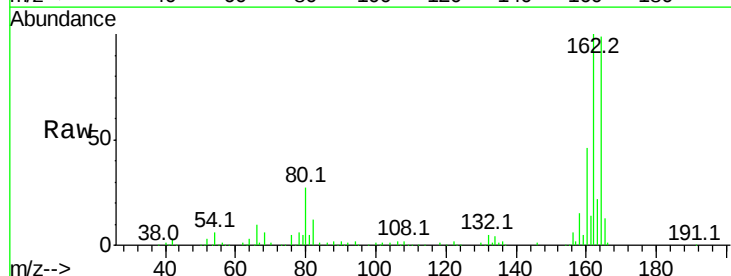
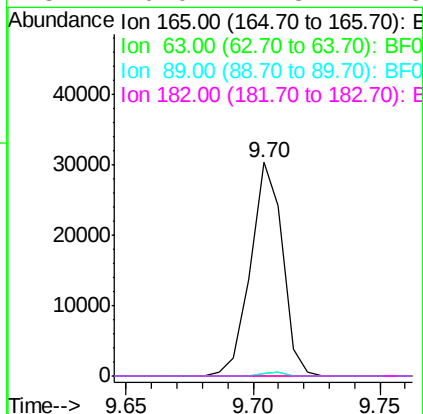
Instrument :
 BNA_F
 ClientSampleId :

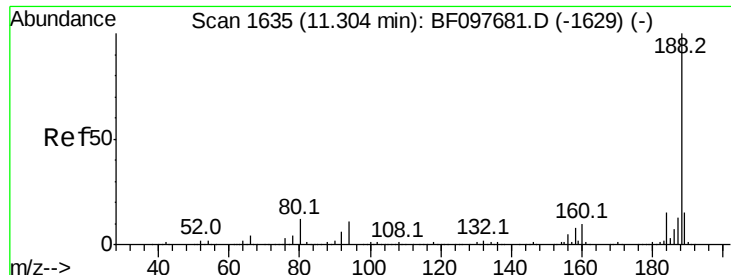
Tot Ion:165	Resp:	26629
Ion Ratio	Lower	Upper
165 100		
63 1.4	34.3	51.5#
89 1.3	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 7.129 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098390.D
 Acq: 9 Sep 2017 17:15

Tgt Ion:165	Resp:	26629
Ion Ratio	Lower	Upper
165 100		
63 1.4	25.4	38.0#
89 1.3	46.4	69.6#
182 0.0	1.8	2.6#

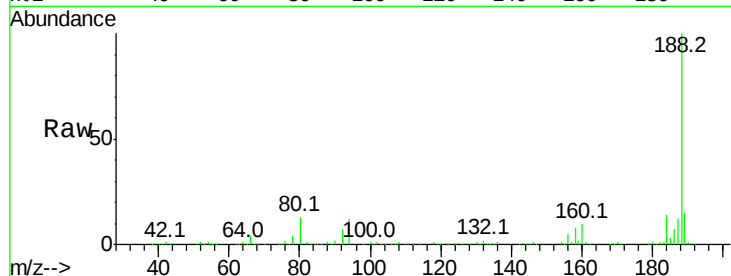




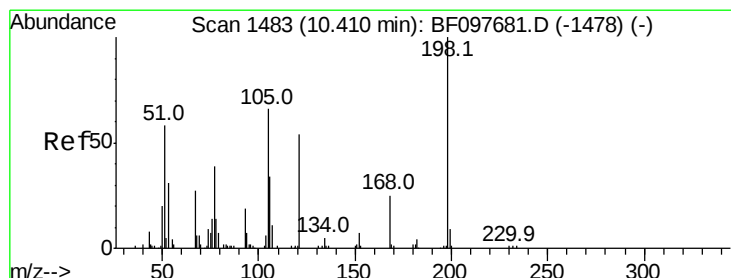
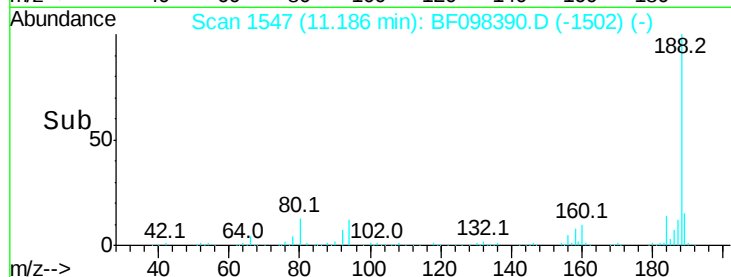
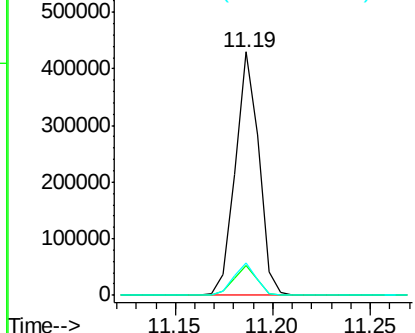
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BF098390.D
 Acq: 9 Sep 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 359370
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 13.5 10.2 15.2

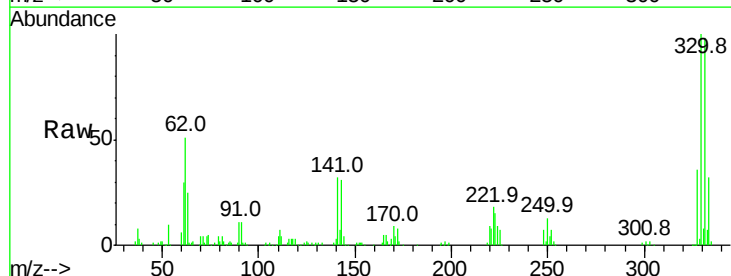


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

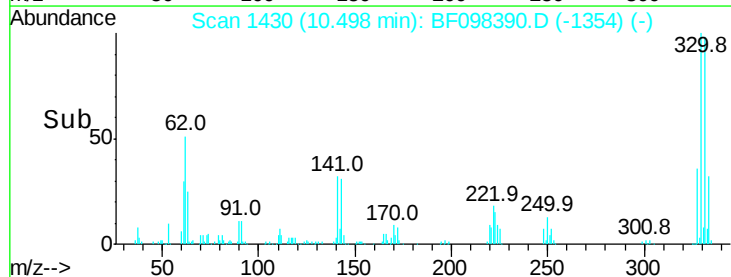
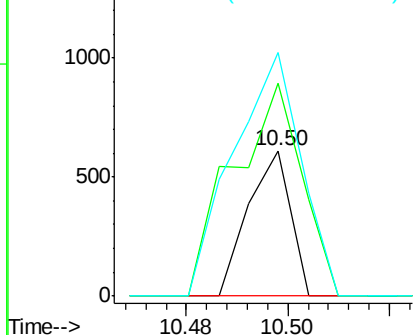


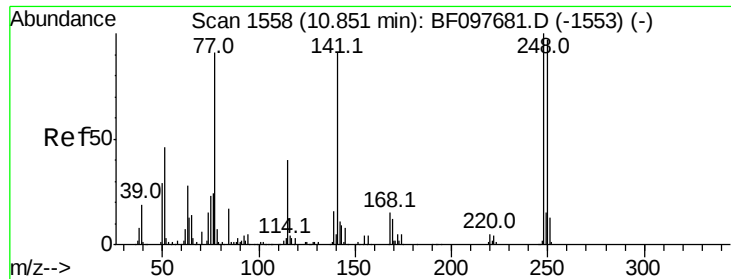
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.493 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.15 min
 Lab File: BF098390.D
 Acq: 9 Sep 2017 17:15

Tgt Ion:198 Resp: 352
 Ion Ratio Lower Upper
 198 100
 51 146.5 53.2 93.2#
 105 167.4 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

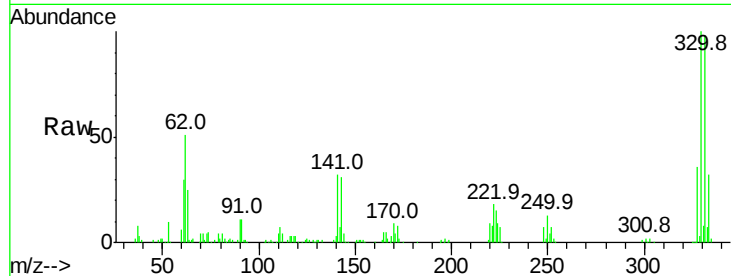




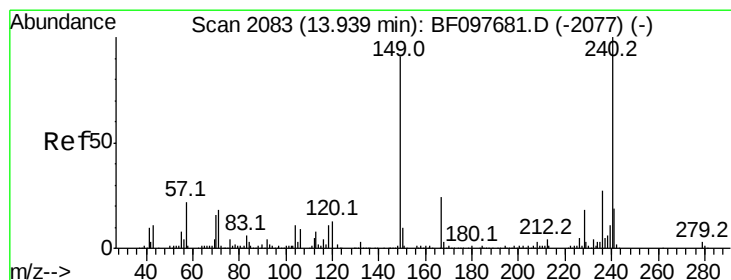
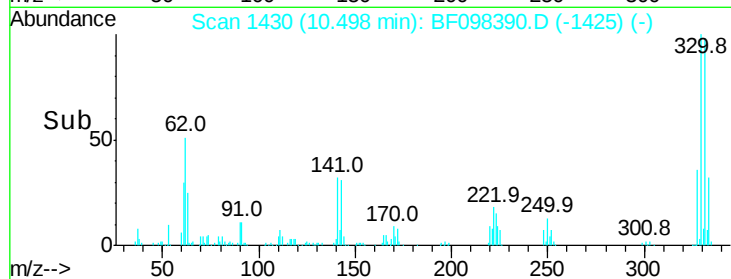
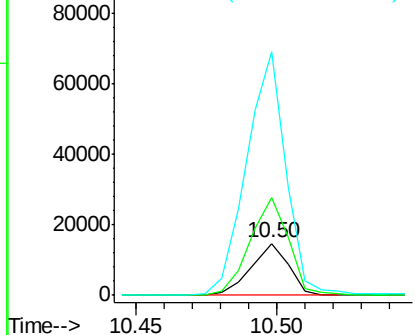
#66
4-Bromophenyl-phenylether
Concen: 3.645 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.27 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13602
Ion Ratio Lower Upper
248 100
250 189.1 76.8 115.2#
141 471.5 68.6 103.0#

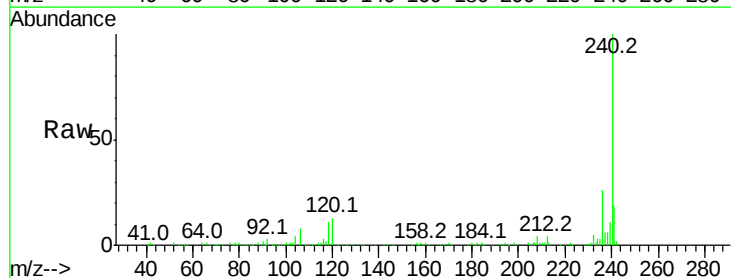


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

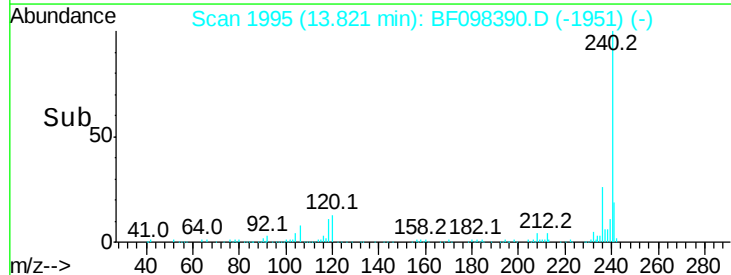
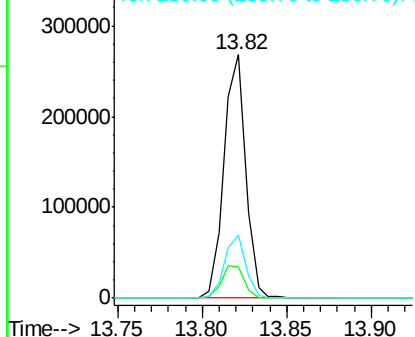


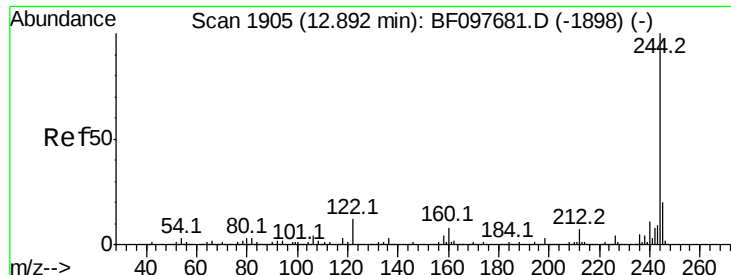
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:240 Resp: 240337
Ion Ratio Lower Upper
240 100
120 12.6 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: 64.924 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampleId :

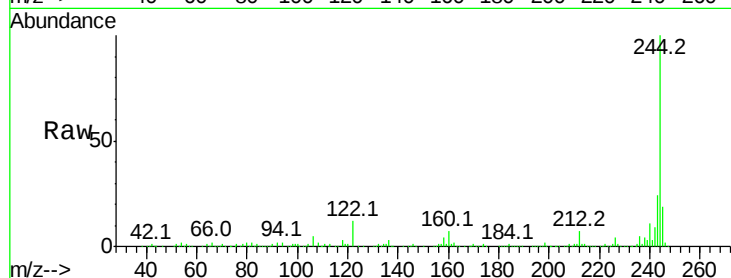
Tot Ion:244 Resp: 748259

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

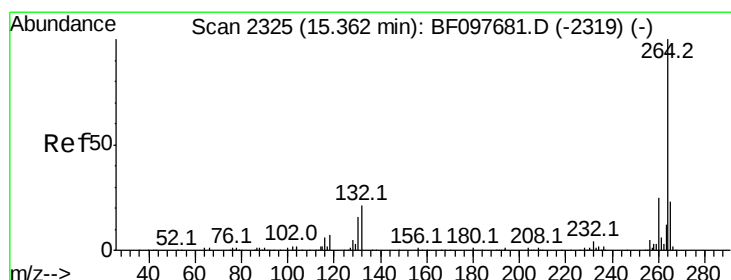
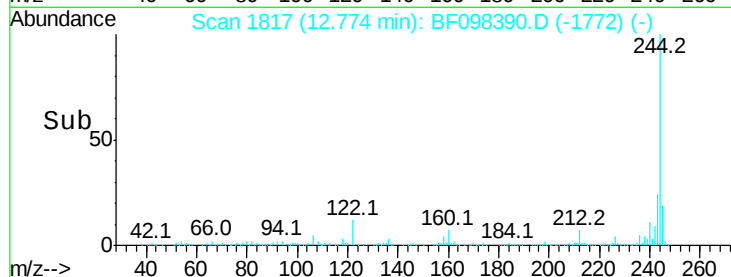
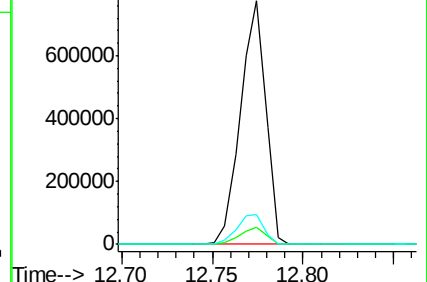
122 12.4 10.3 15.5



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: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

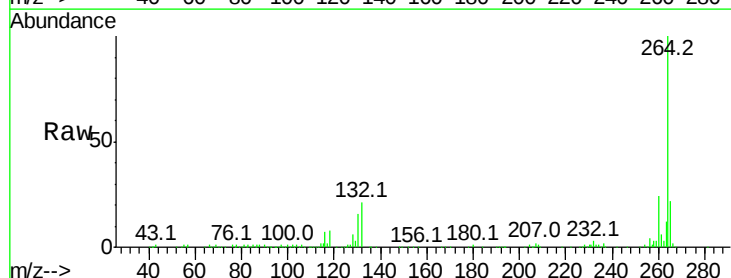
Tgt Ion:264 Resp: 227787

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.0 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

