

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098208.D
 Acq On : 31 Aug 2017 21:36
 Operator : SJ/JU
 Sample : I4963-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 01:53:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

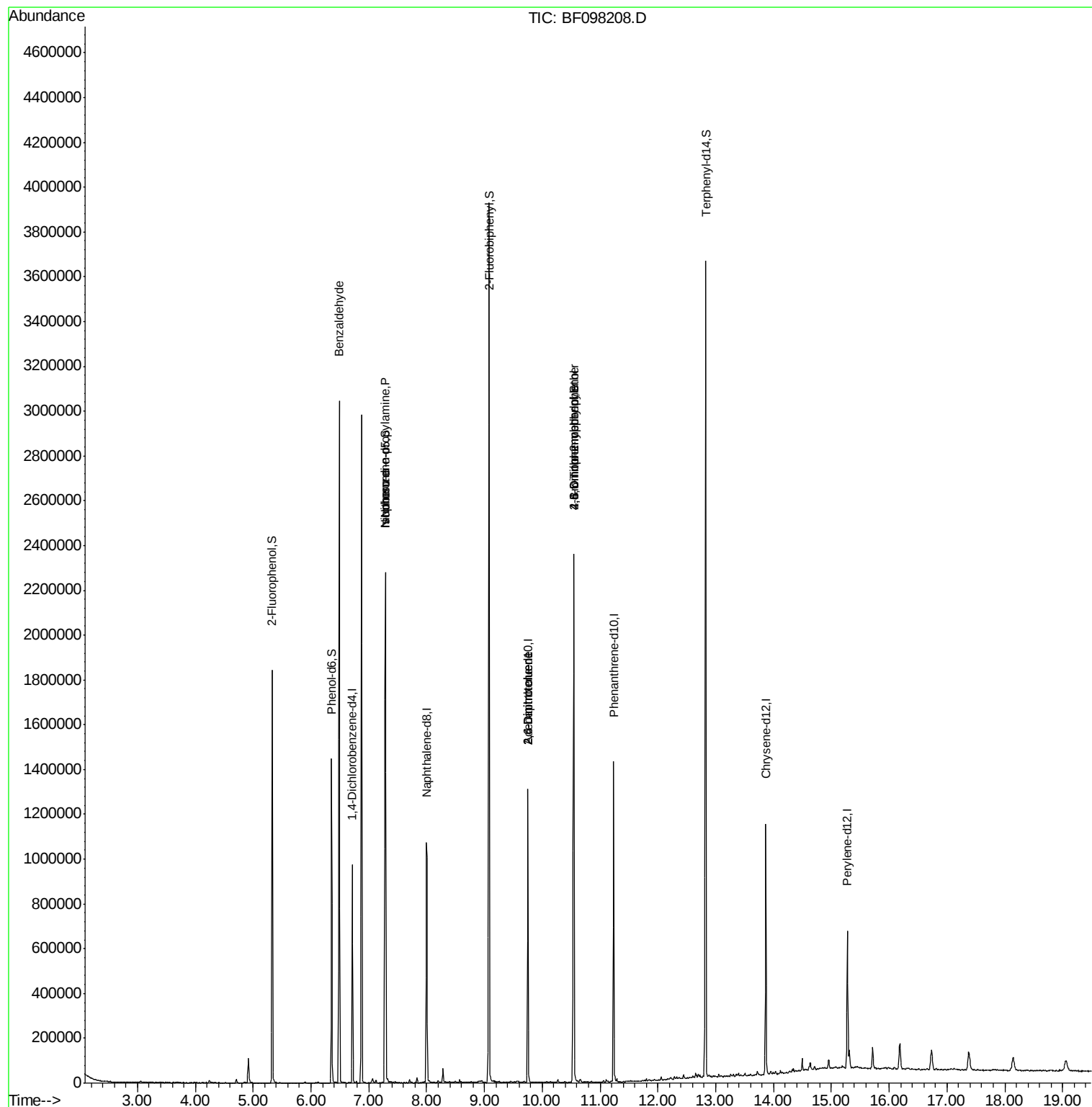
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128534	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	520547	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	246826	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	502906	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	371700	20.00	ng	-0.03
86) Perylene-d12	15.28	264	254222	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	557646	65.99	ng	-0.02
7) Phenol-d6	6.36	99	478292	41.66	ng	-0.03
23) Nitrobenzene-d5	7.29	82	951044	99.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	323901	151.24	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1420390	84.55	ng	-0.03
78) Terphenyl-d14	12.83	244	1383874	77.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	22408	3.081	ng	# 73
19) n-Nitroso-di-n-propylamine	7.29	70	126238	16.062	ng	# 71
25) Isophorone	7.29	82	932784	46.815	ng	# 67
50) 2,6-Dinitrotoluene	9.75	165	31450	8.733	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	31450	6.959	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.55	198	704	8.566	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	20100	3.849	ng	# 1

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

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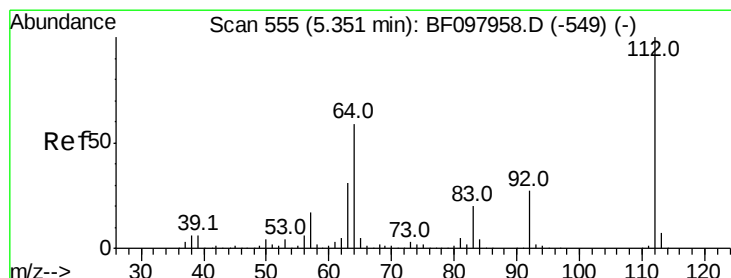
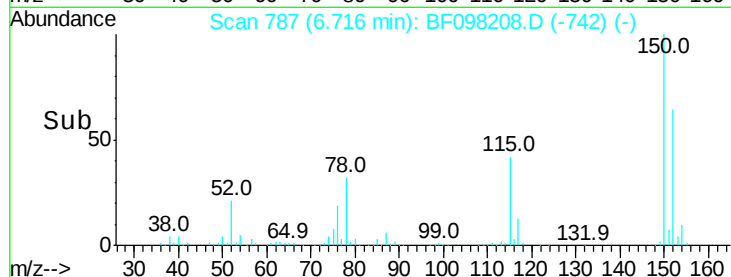
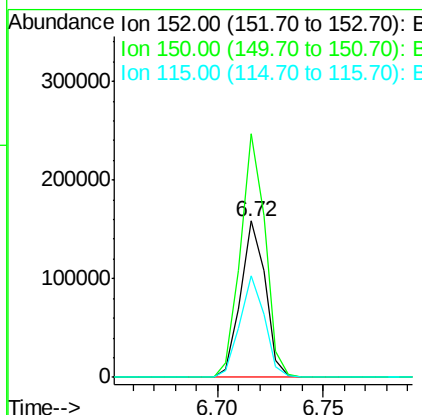
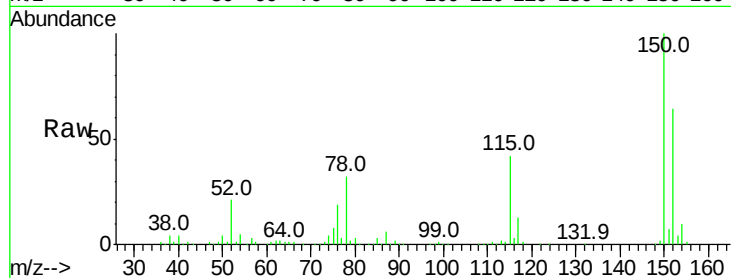


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

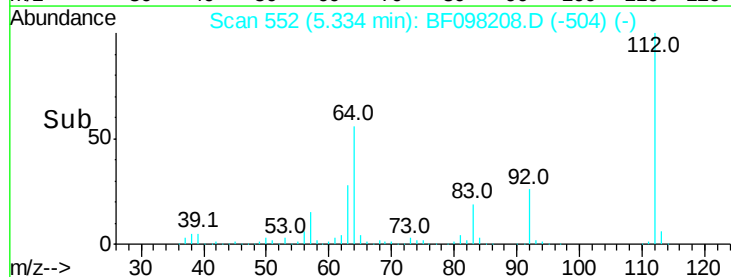
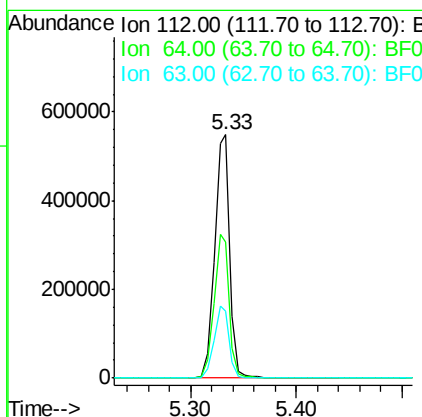
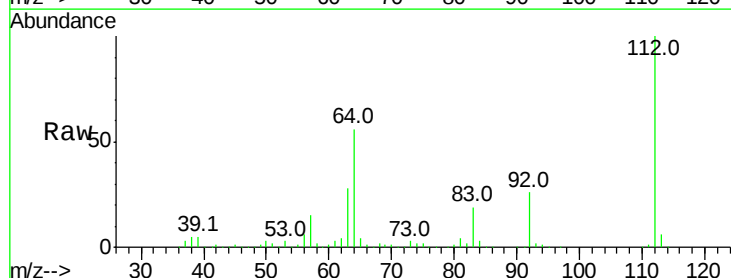
Tot Ion:152 Resp: 128534
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 65.1 52.2 78.2

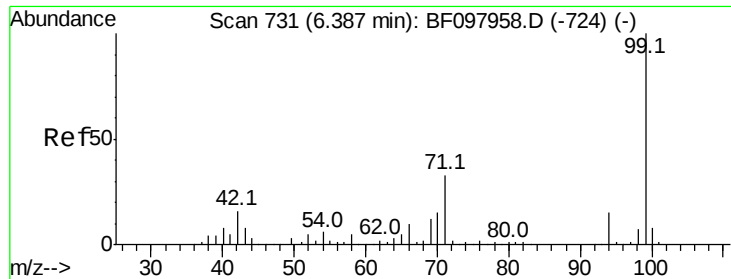


#5

2-Fluorophenol
 Concen: 65.992 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Tgt Ion:112 Resp: 557646
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 27.7 23.4 35.0





#7

Phenol-d6

Concen: 41.658 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

Instrument :

BNA_F

ClientSampleId :

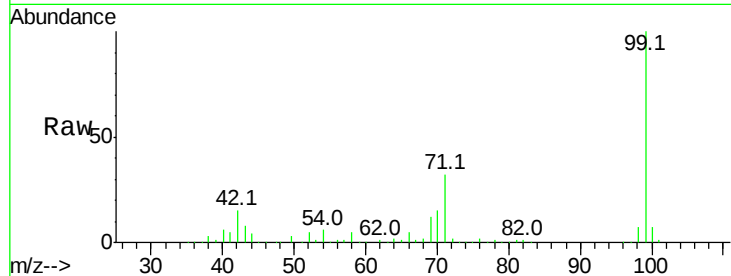
Tot Ion: 99 Resp: 478292

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

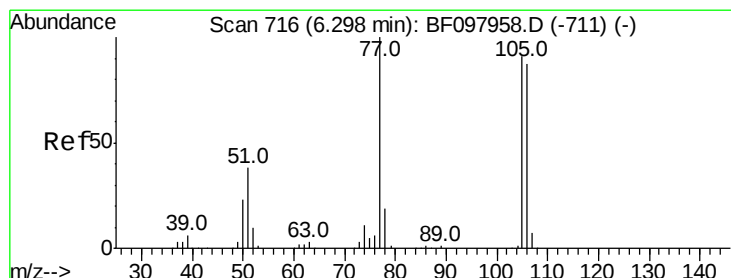
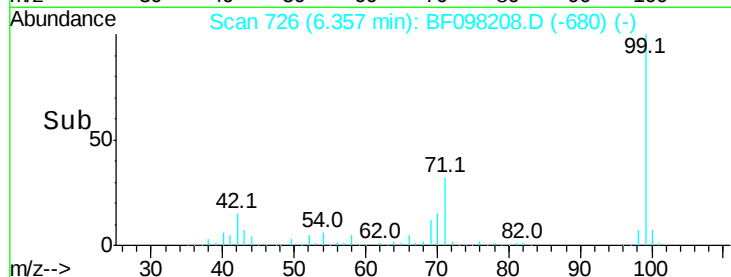
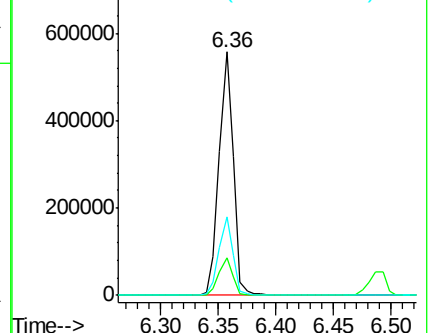
71 32.3 24.5 36.7



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: 3.081 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.19 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

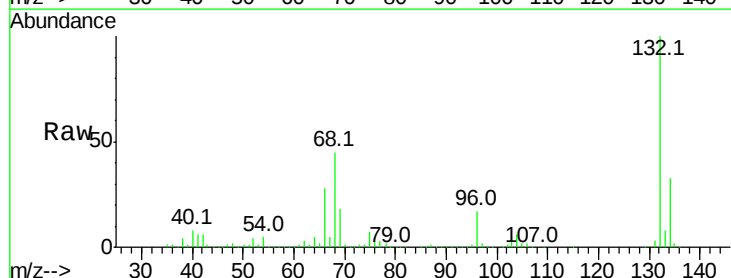
Tgt Ion: 77 Resp: 22408

Ion Ratio Lower Upper

77 100

105 78.4 83.8 123.8#

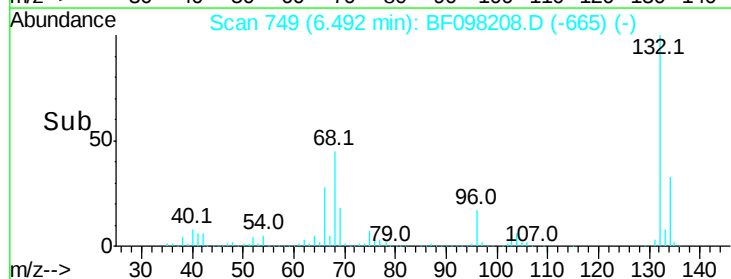
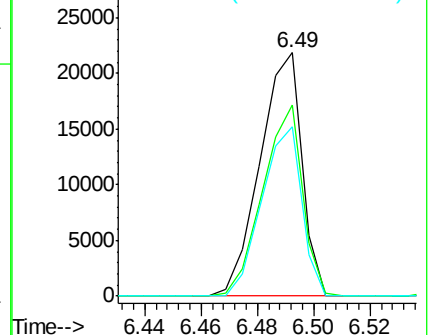
106 69.3 79.1 119.1#

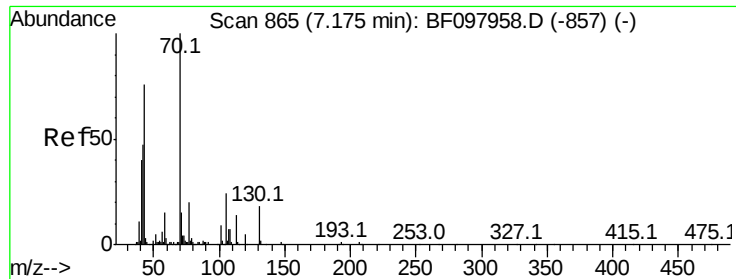


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

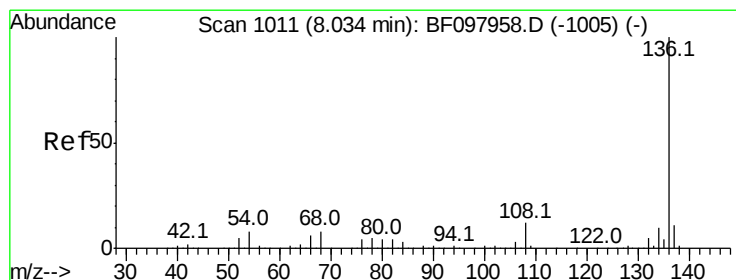
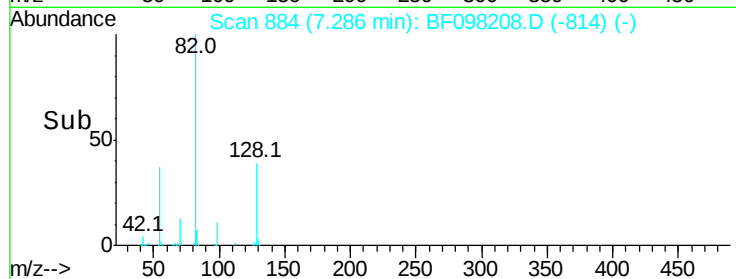
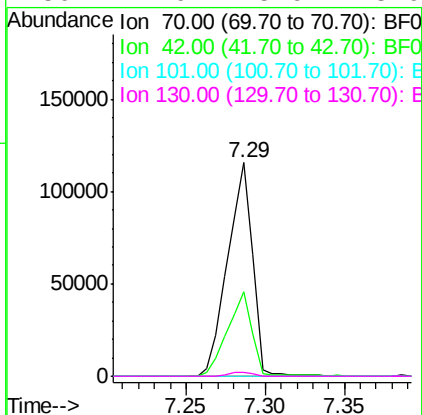
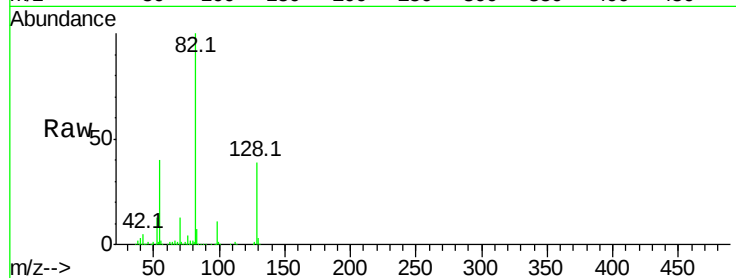




#19
n-Nitroso-di-n-propylamine
Concen: 16.062 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098208.D
Acq: 31 Aug 2017 21:36

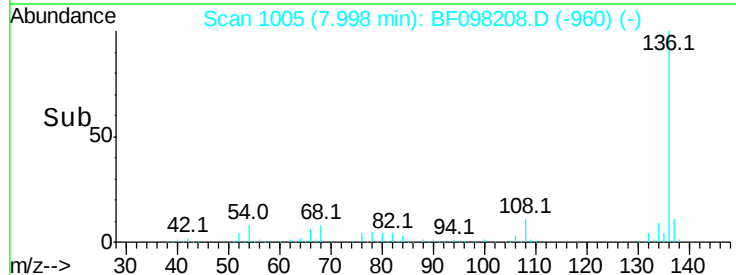
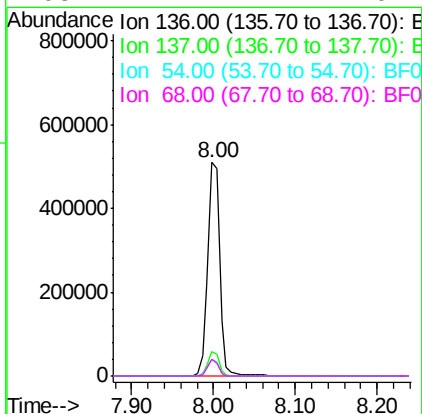
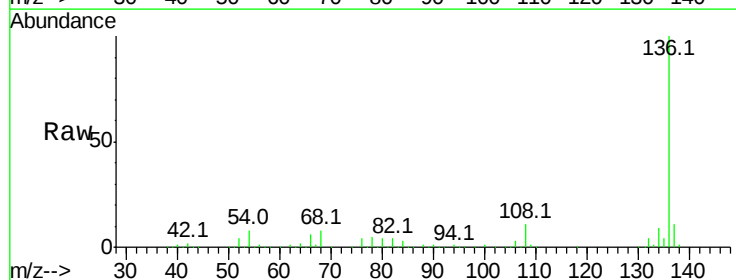
Instrument :
BNA_F
ClientSampleId :

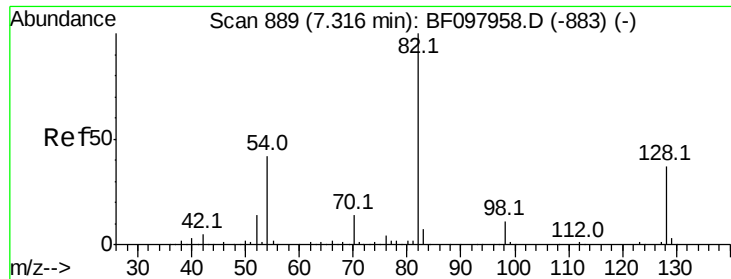
Tot Ion: 70 Resp: 126238
Ion Ratio Lower Upper
70 100
42 39.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF098208.D
Acq: 31 Aug 2017 21:36

Tgt Ion: 136 Resp: 520547
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.8 4.9 7.3#
68 7.7 4.1 6.1#

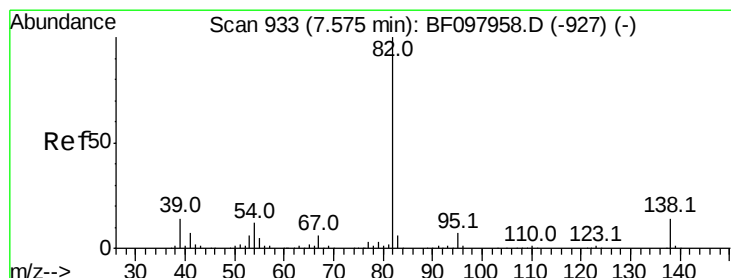
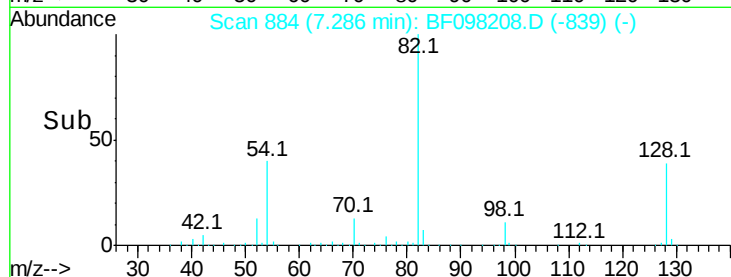
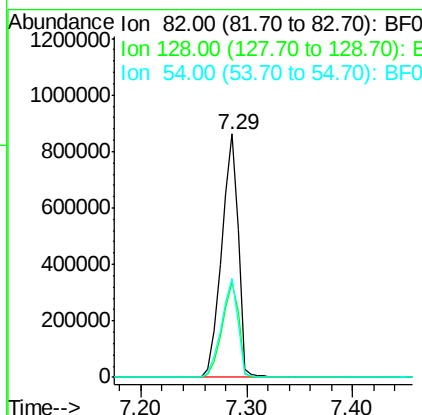
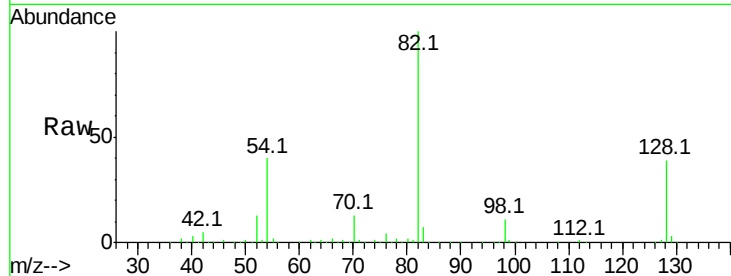




#23
 Nitrobenzene-d5
 Concen: 99.252 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

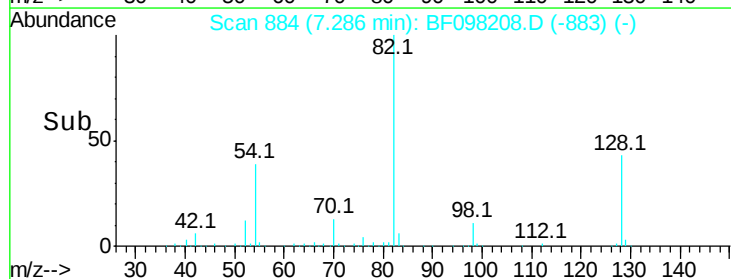
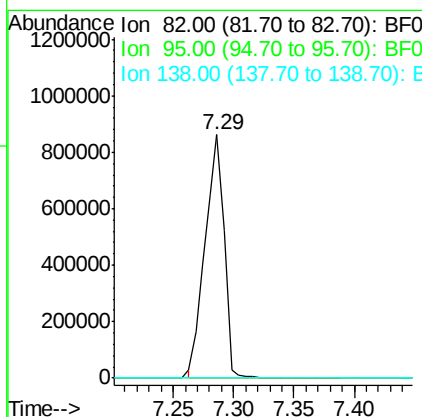
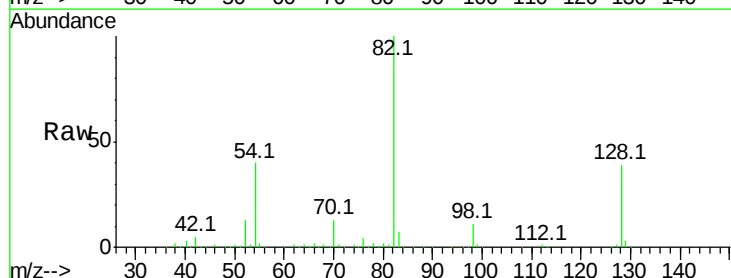
Instrument :
 BNA_F
 ClientSampled :

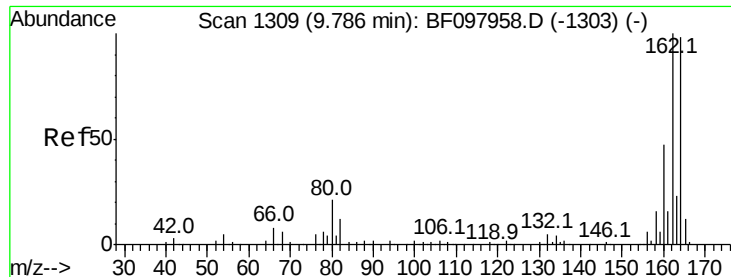
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	40.5	42.2	63.2#



#25
 Isophorone
 Concen: 46.815 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.29 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

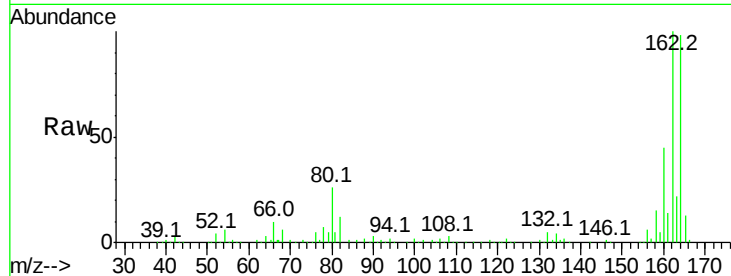




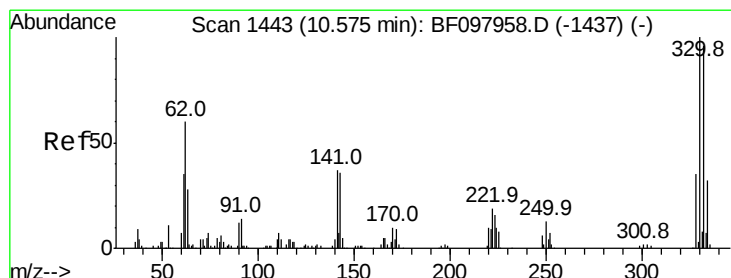
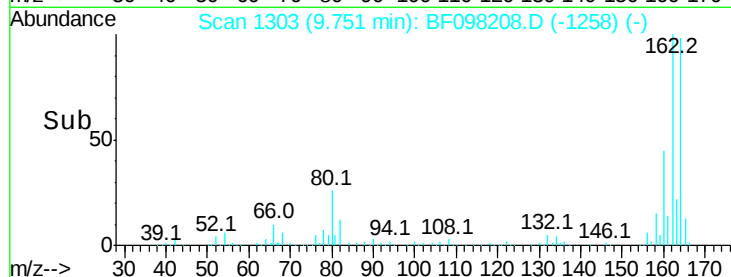
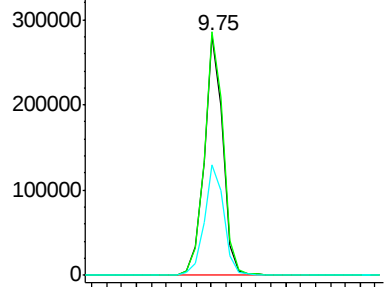
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098208.D
Acq: 31 Aug 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 246826
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 46.0 36.2 54.2

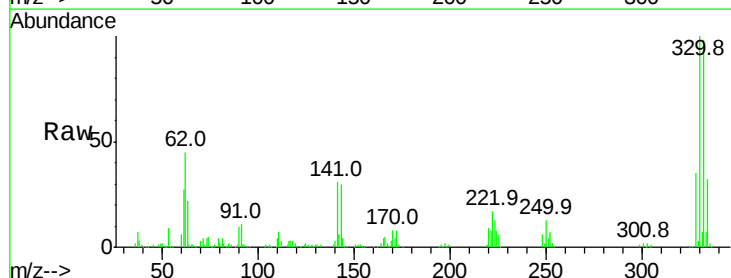


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

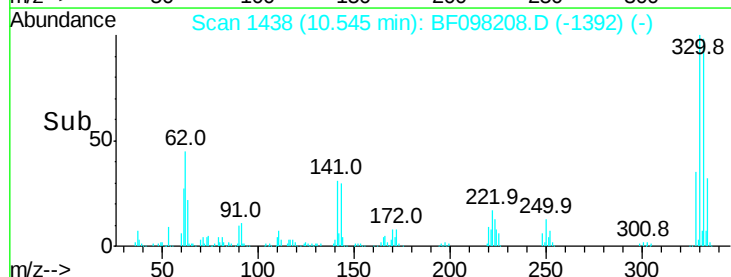
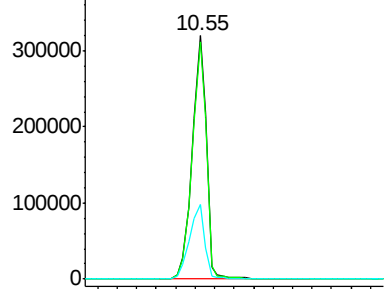


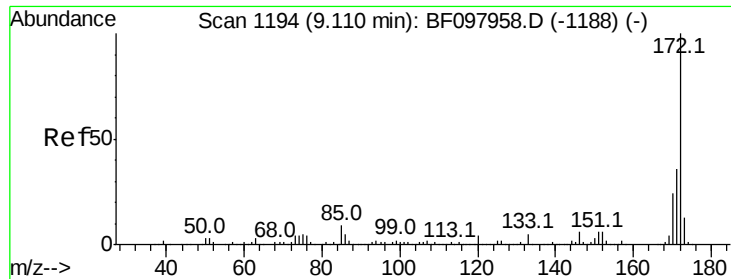
#41
2,4,6-Tribromophenol
Concen: 151.241 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098208.D
Acq: 31 Aug 2017 21:36

Tgt Ion:330 Resp: 323901
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 32.9 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



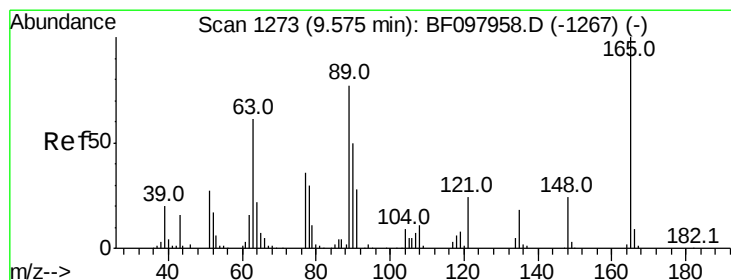
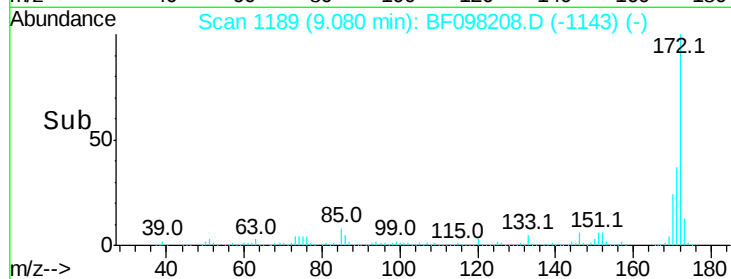
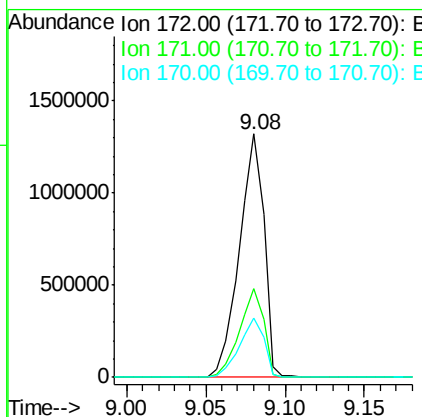
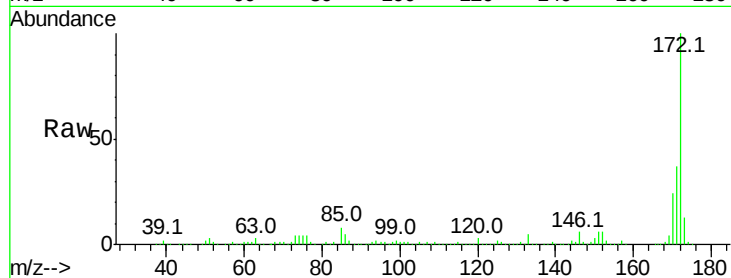


#44
 2-Fluorobiphenyl
 Concen: 84.547 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1420390

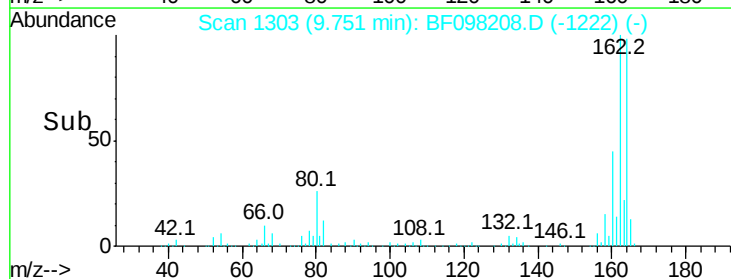
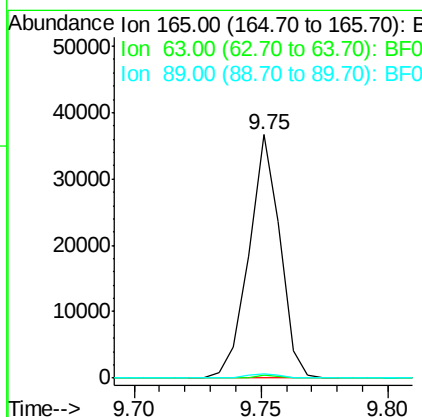
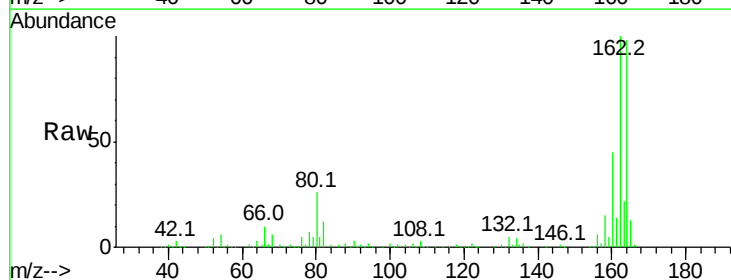
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	19.8	29.8

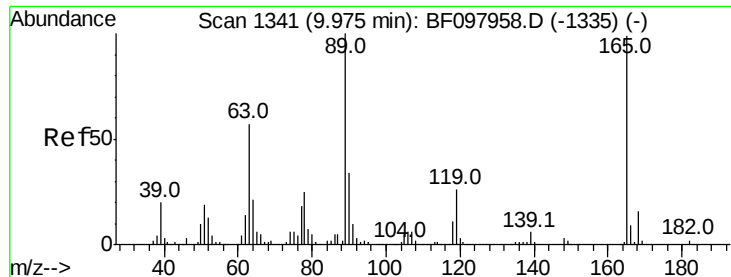


#50
 2,6-Dinitrotoluene
 Concen: 8.733 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.18 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Tgt Ion:165 Resp: 31450

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.9	37.1	55.7#

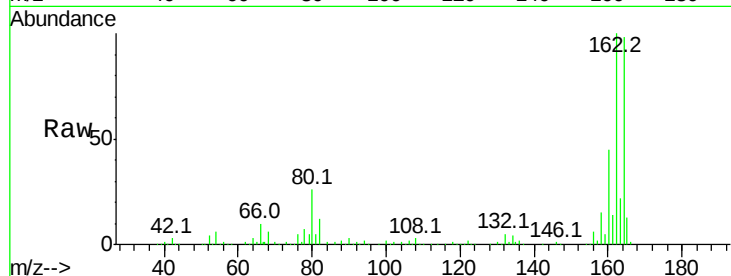




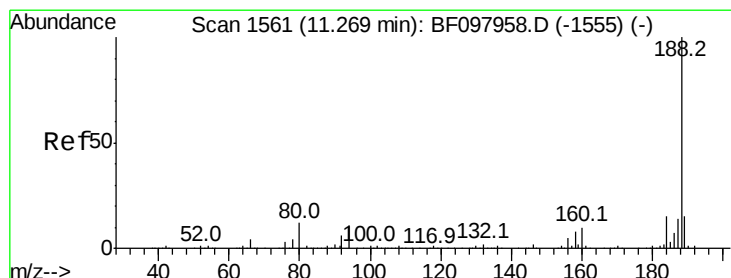
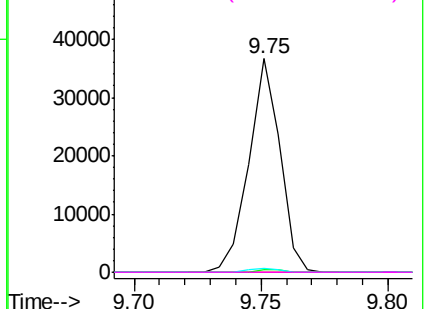
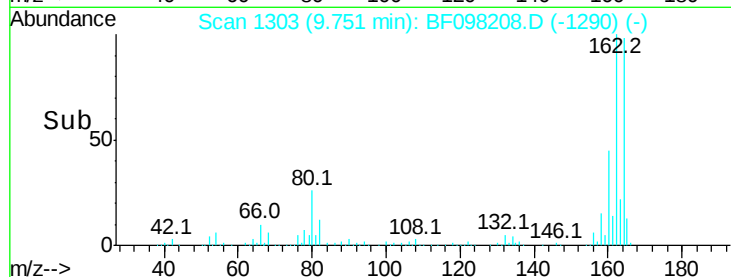
#56
 2,4-Dinitrotoluene
 Concen: 6.959 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.22 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31450
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.9 46.4 69.6#
 182 0.0 1.8 2.6#

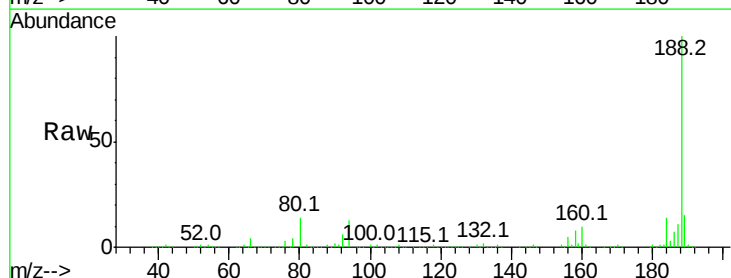


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

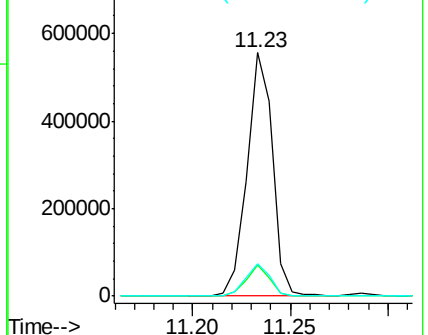
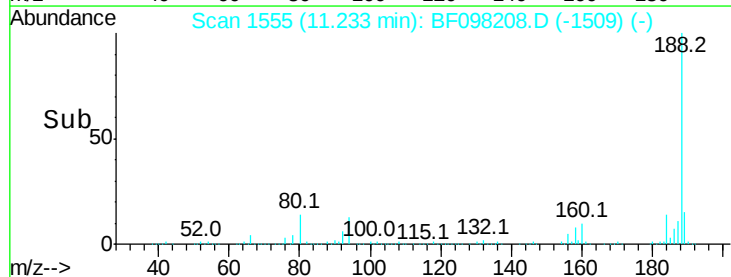


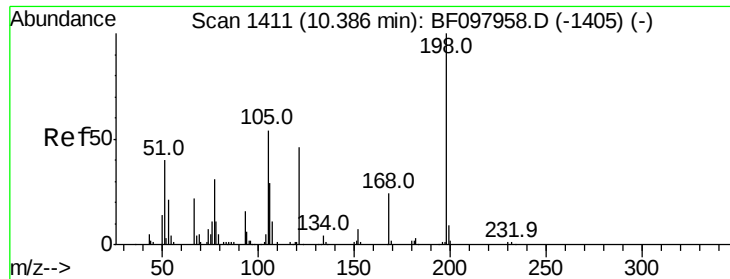
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.03 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Tgt Ion:188 Resp: 502906
 Ion Ratio Lower Upper
 188 100
 94 12.6 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

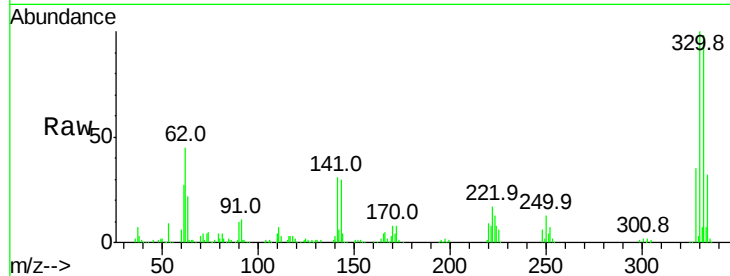




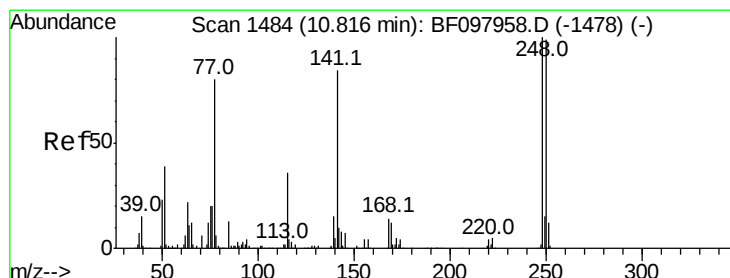
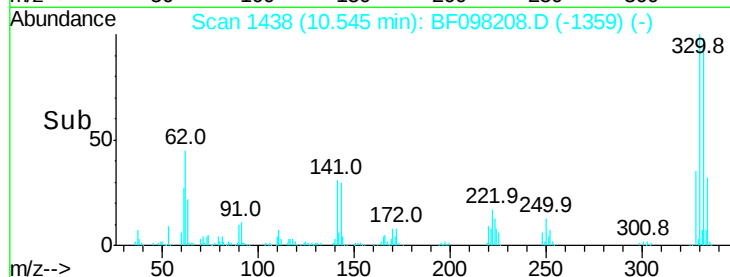
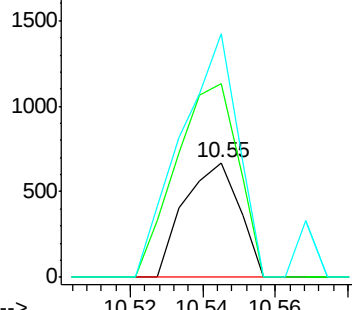
#64
4,6-Dinitro-2-methylphenol
Concen: 8.566 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.16 min
Lab File: BF098208.D
Acq: 31 Aug 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 704
Ion Ratio Lower Upper
198 100
51 169.7 53.2 93.2#
105 212.7 45.8 85.8#

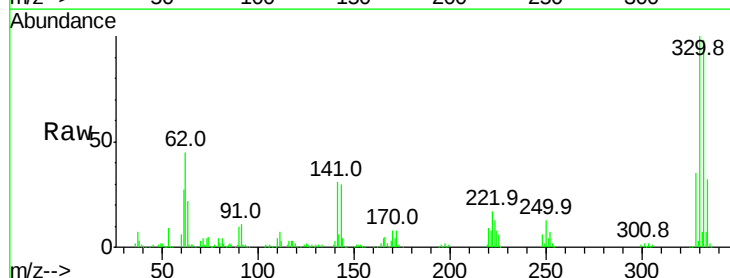


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

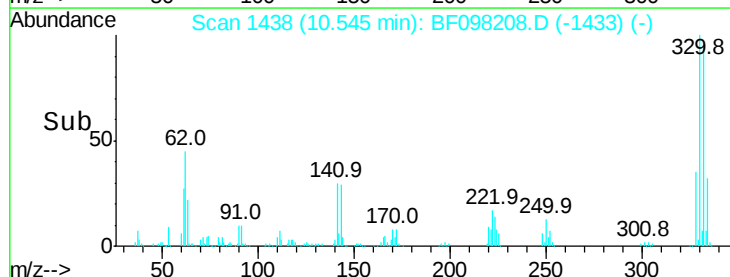
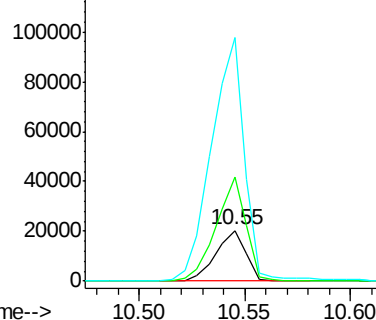


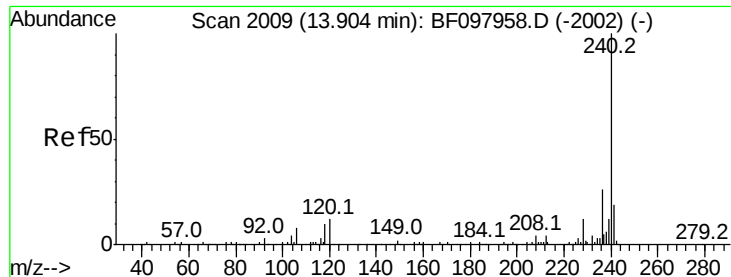
#66
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.27 min
Lab File: BF098208.D
Acq: 31 Aug 2017 21:36

Tgt Ion:248 Resp: 20100
Ion Ratio Lower Upper
248 100
250 204.8 76.8 115.2#
141 478.9 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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

Instrument :

BNA_F

ClientSampled :

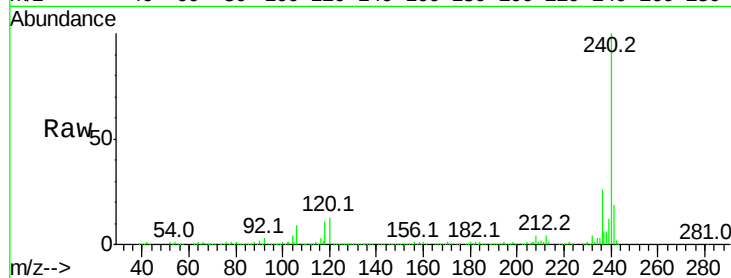
Tot Ion:240 Resp: 371700

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

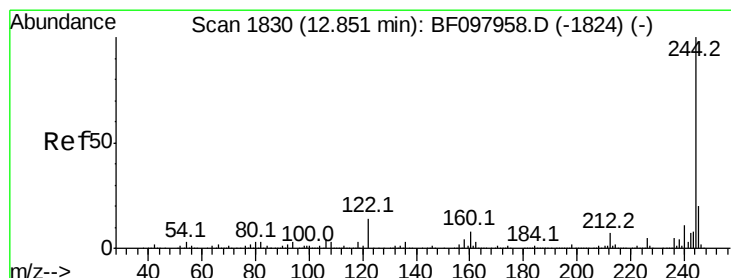
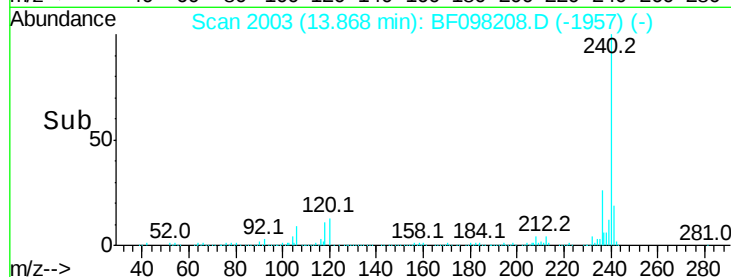
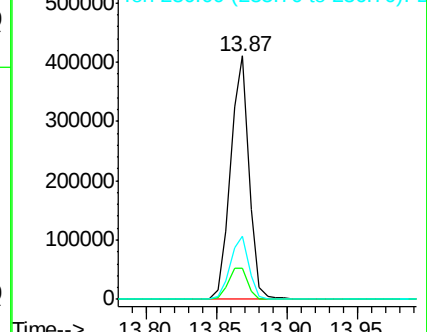
236 26.1 20.5 30.7



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: 77.639 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

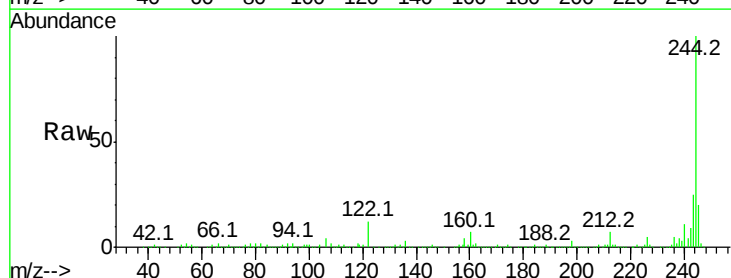
Tgt Ion:244 Resp: 1383874

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

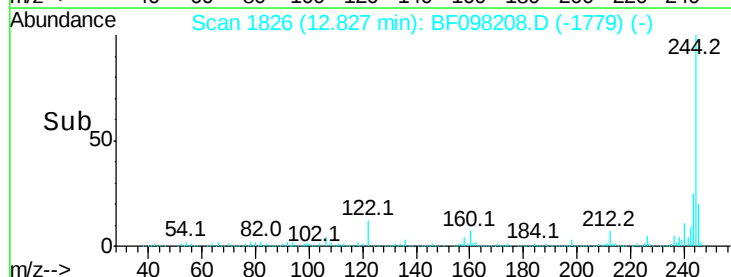
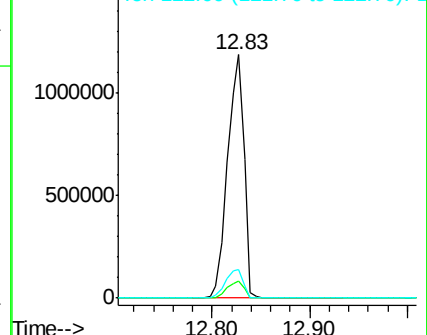
122 12.0 10.3 15.5

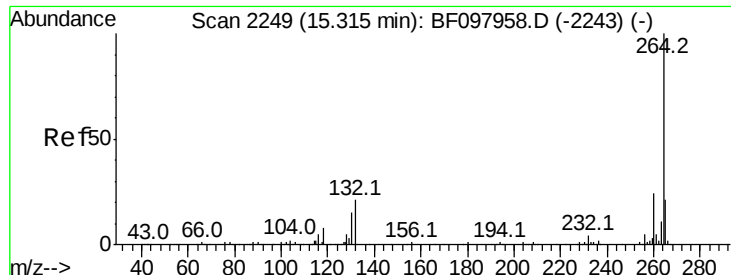


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

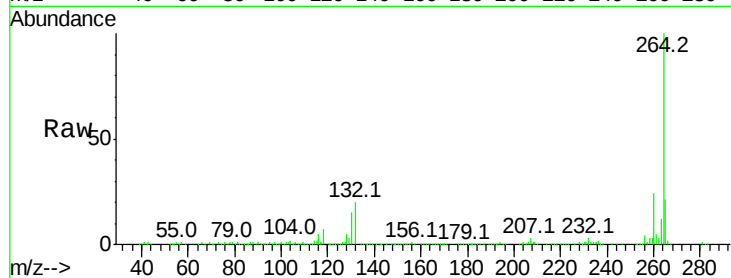




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.8	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

