

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098380.D
 Acq On : 9 Sep 2017 12:38
 Operator : SJ/JU
 Sample : PB102149BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:30:34 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

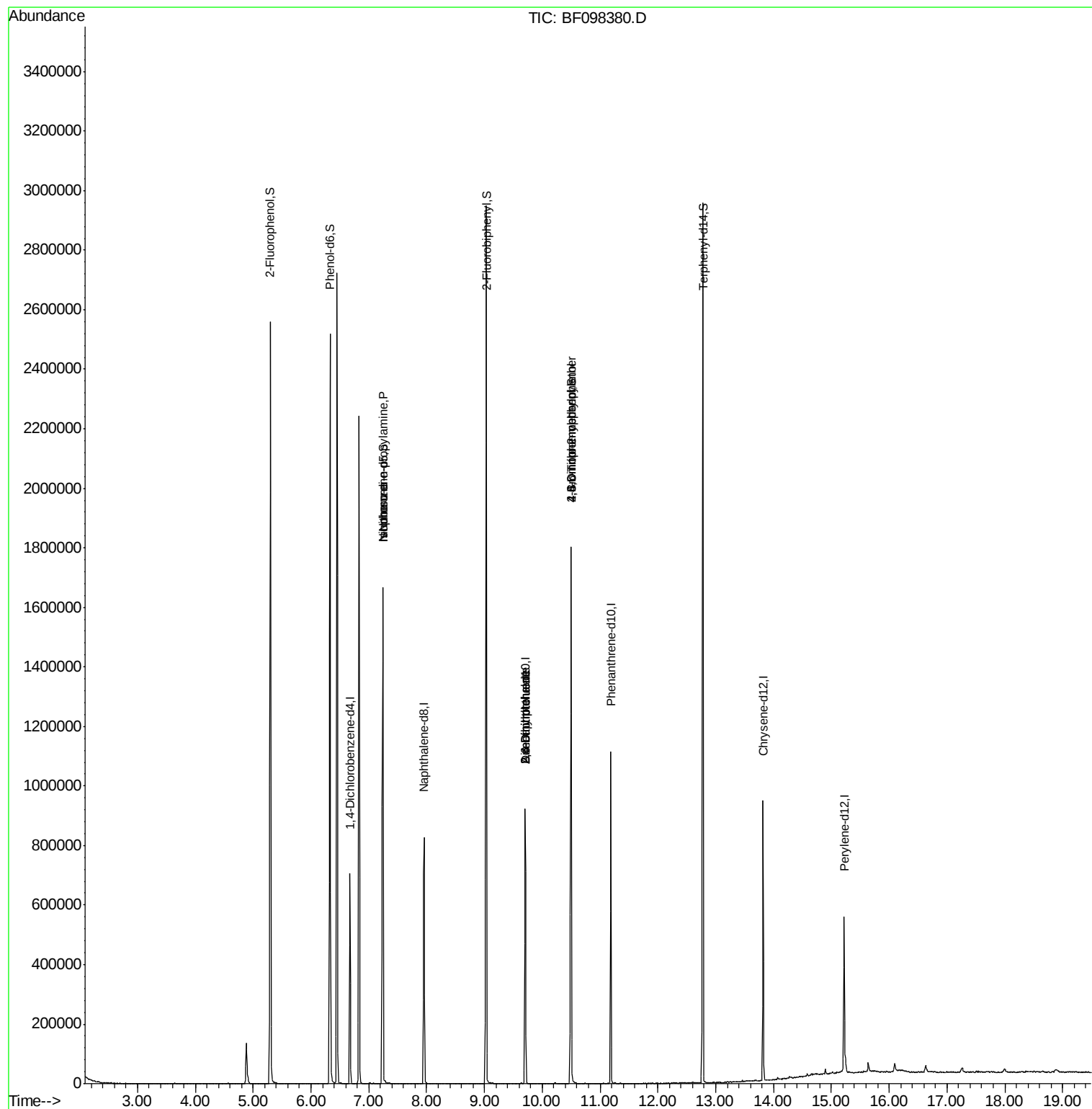
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	97996	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	389585	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	184414	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	381909	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	309000	20.00	ng	-0.04
86) Perylene-d12	15.22	264	221607	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	820066	127.29	ng	0.00
7) Phenol-d6	6.33	99	1089795	124.50	ng	-0.02
23) Nitrobenzene-d5	7.25	82	682346	95.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	252583	157.86	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1113779	88.73	ng	-0.04
78) Terphenyl-d14	12.78	244	1068617	72.12	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	87966	14.680	ng	# 71
25) Isophorone	7.25	82	678506	45.501	ng	# 67
49) Dimethylphthalate	9.71	163	52706	3.910	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	23222	8.630	ng	# 33
56) 2,4-Dinitrotoluene	9.70	165	23222	6.877	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.50	198	540	8.569	ng	# 31
66) 4-Bromophenyl-phenylether	10.50	248	16036	4.043	ng	# 1

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

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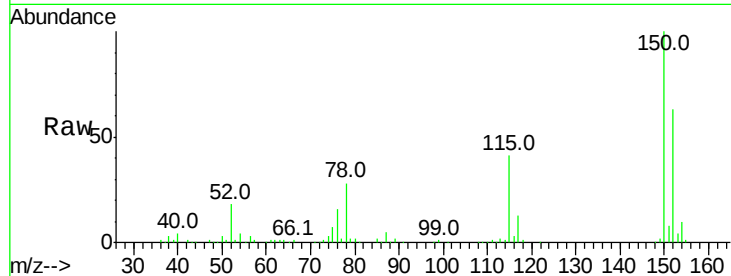


#1

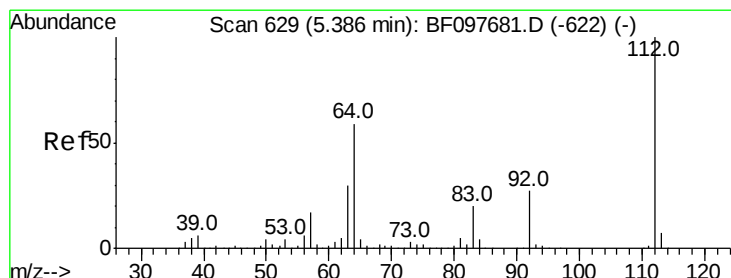
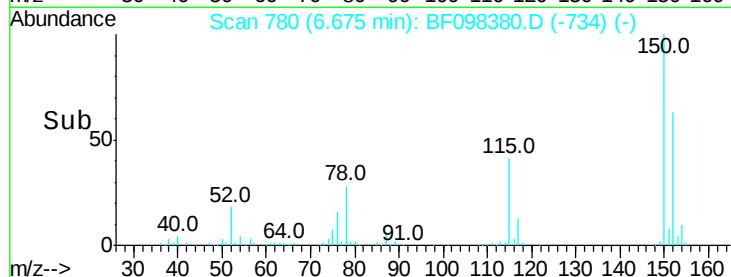
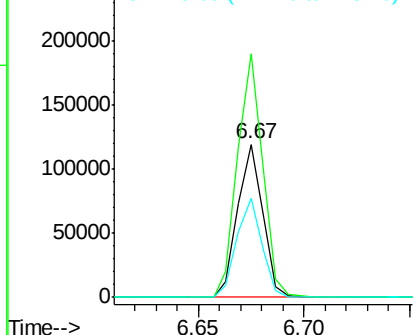
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97996
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 64.5 52.2 78.2



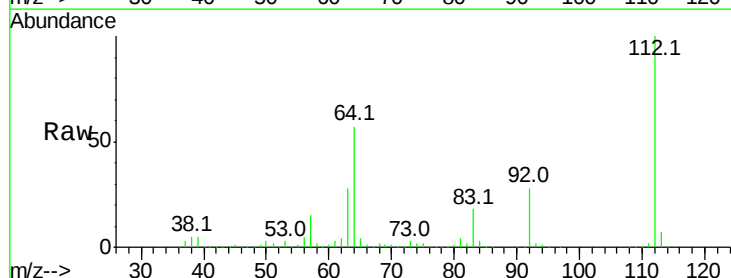
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



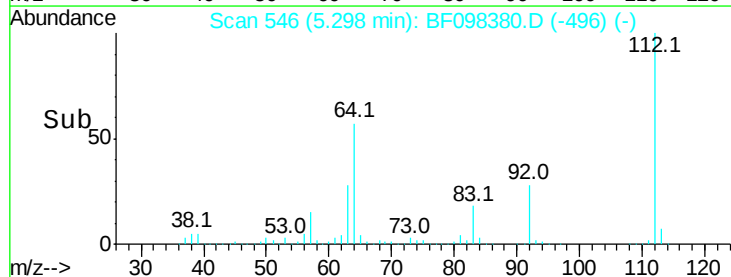
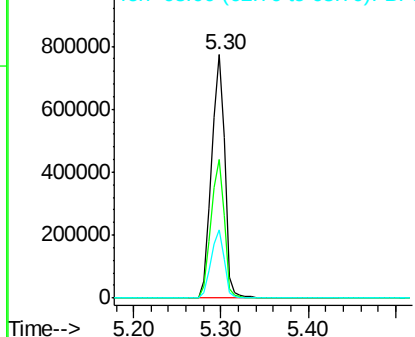
#5

2-Fluorophenol
Concen: 127.289 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Tgt Ion:112 Resp: 820066
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.0 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: 124.497 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Instrument :

BNA_F

ClientSampled :

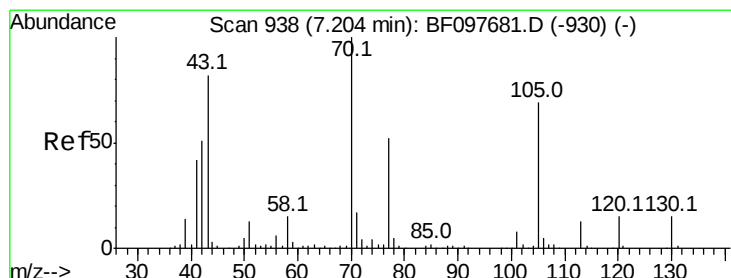
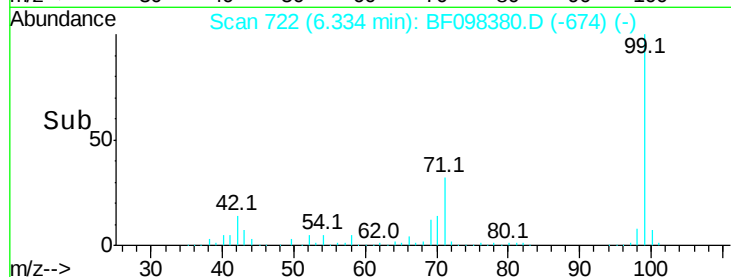
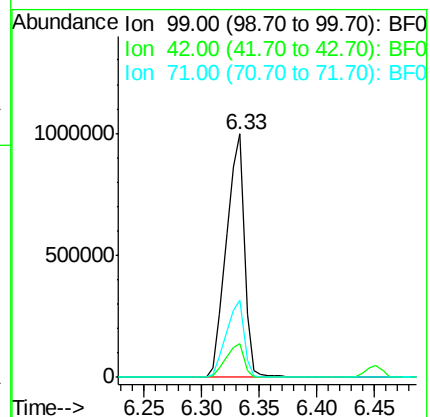
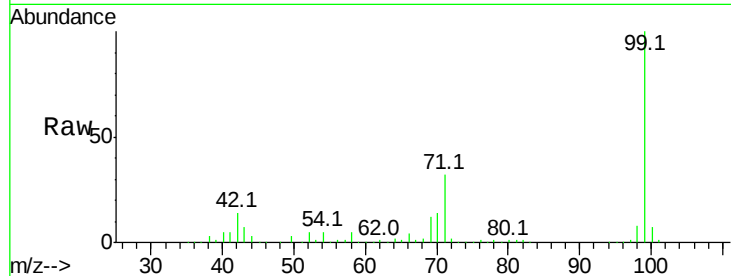
Tot Ion: 99 Resp: 1089795

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

71 31.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.680 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Tgt Ion: 70 Resp: 87966

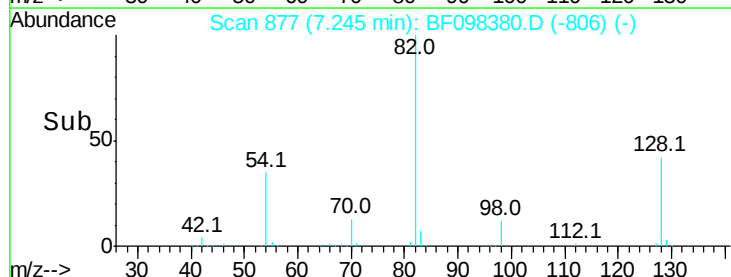
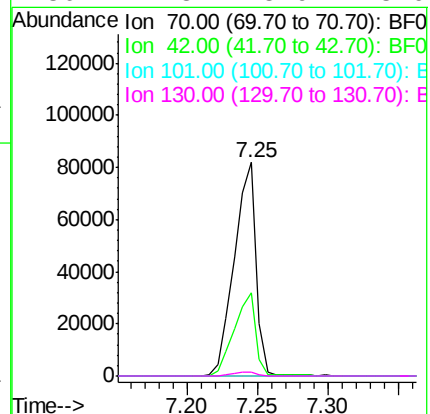
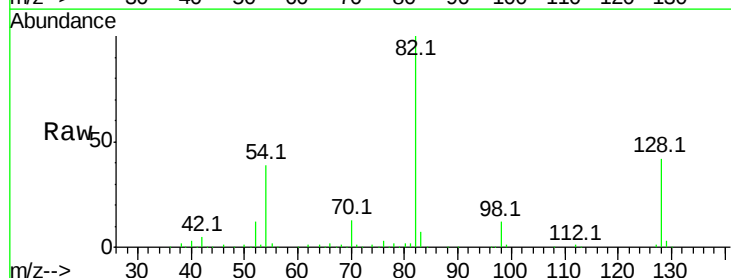
Ion Ratio Lower Upper

70 100

42 38.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

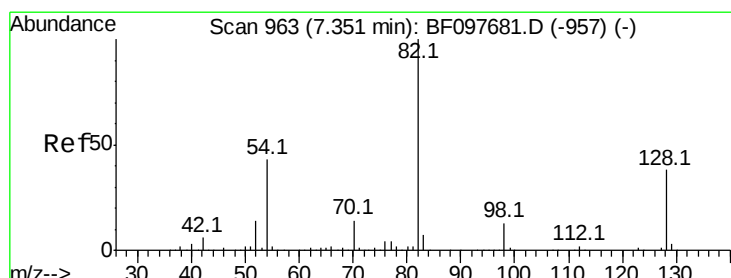
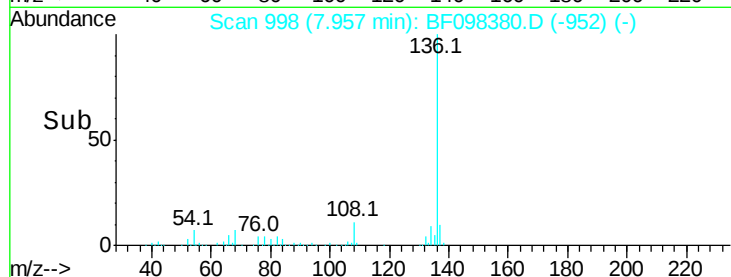
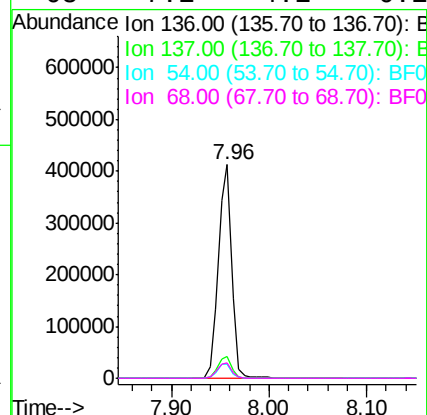
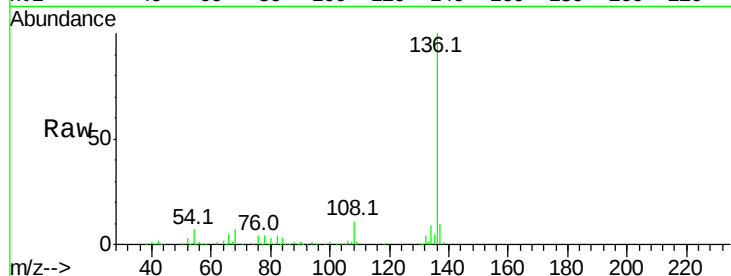




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

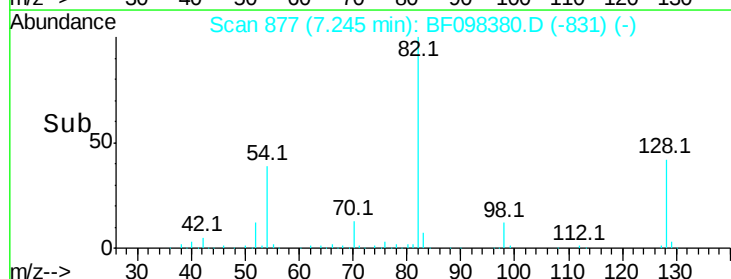
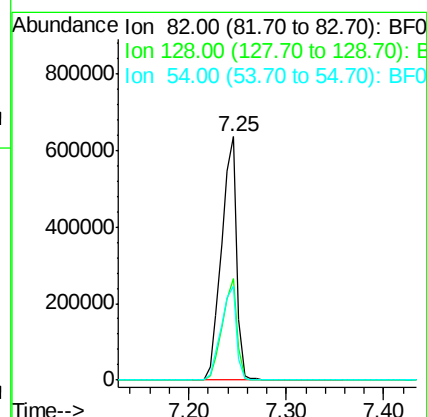
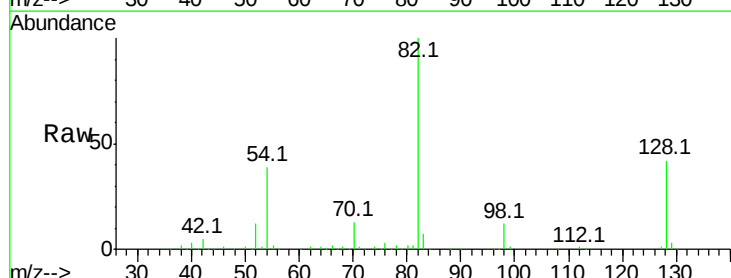
Instrument :
BNA_F
ClientSampleId :

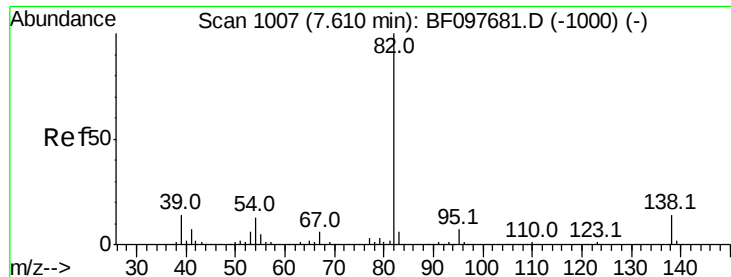
Tot Ion:136	Resp:	389585
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	6.8	4.9 7.3
68	7.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 95.148 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Tgt Ion: 82	Resp:	682346
Ion Ratio	Lower	Upper
82	100	
128	41.6	34.0 51.0
54	38.5	42.2 63.2#





#25

Isophorone

Concen: 45.501 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Instrument :

BNA_F

ClientSampleId :

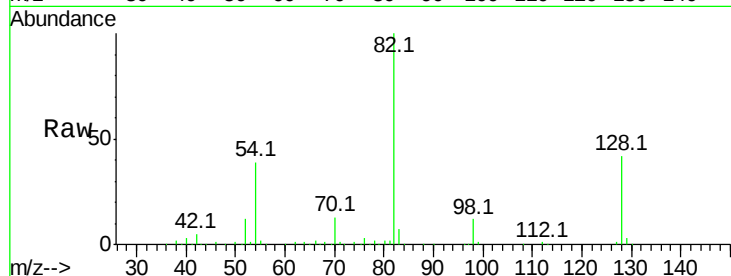
Tot Ion: 82 Resp: 678506

Ion Ratio Lower Upper

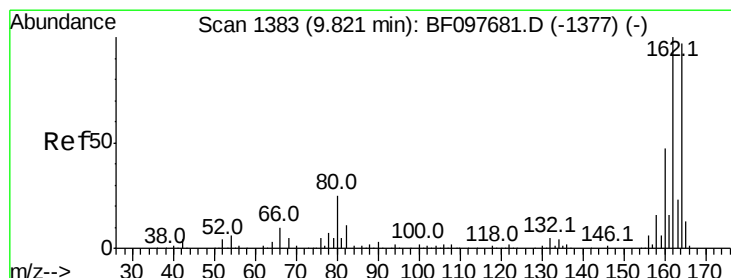
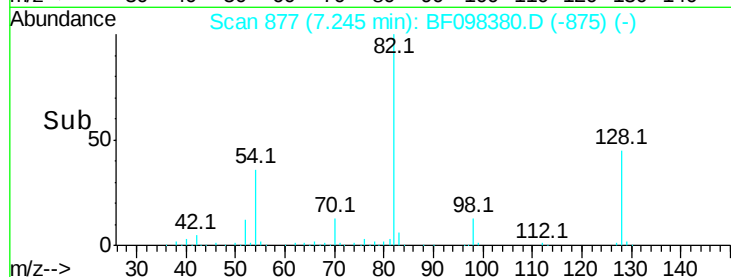
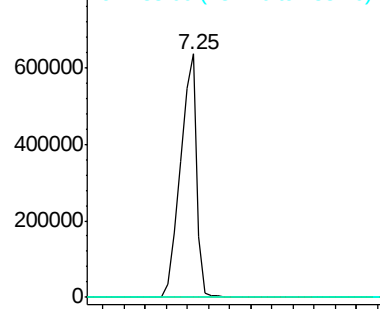
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.04 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

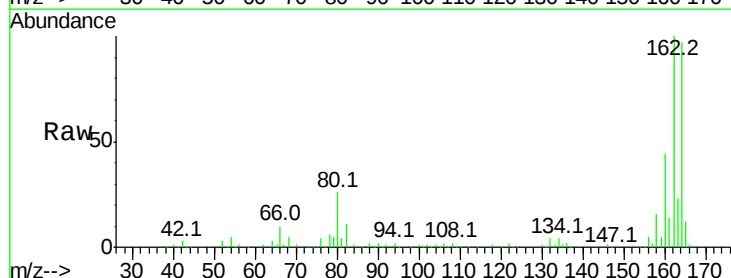
Tgt Ion:164 Resp: 184414

Ion Ratio Lower Upper

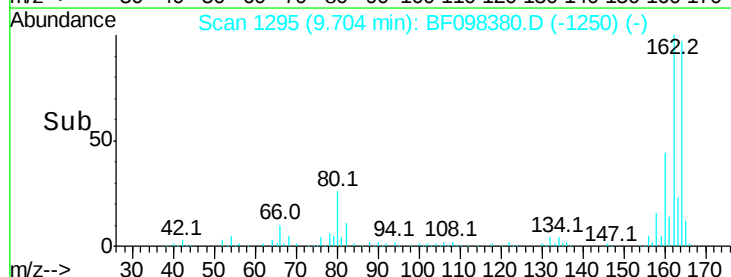
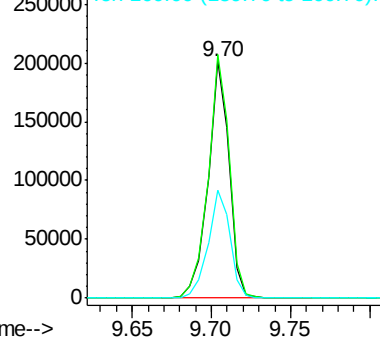
164 100

162 102.9 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

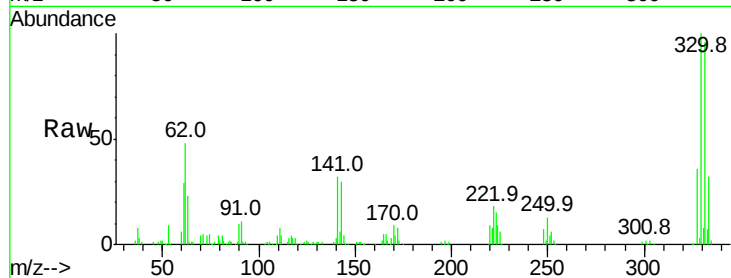




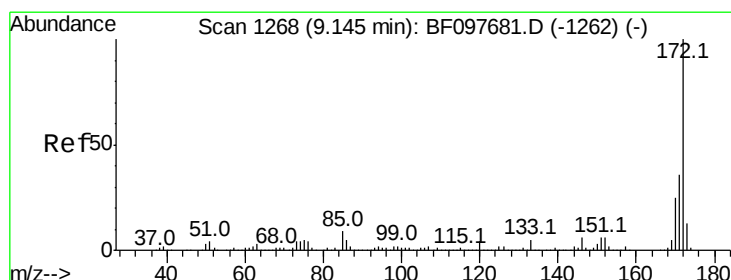
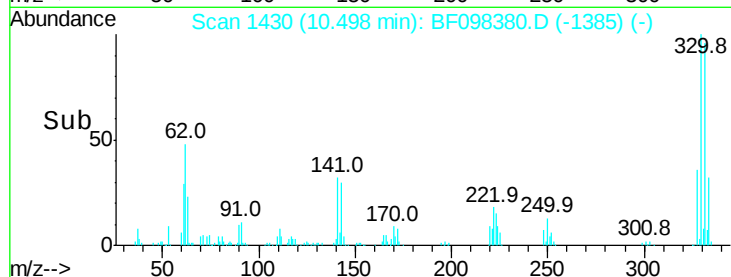
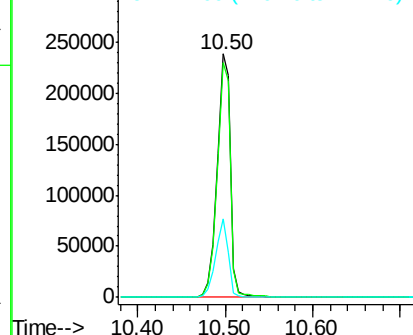
#41
 2,4,6-Tribromophenol
 Concen: 157.855 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 252583
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 31.0 31.4 47.2#

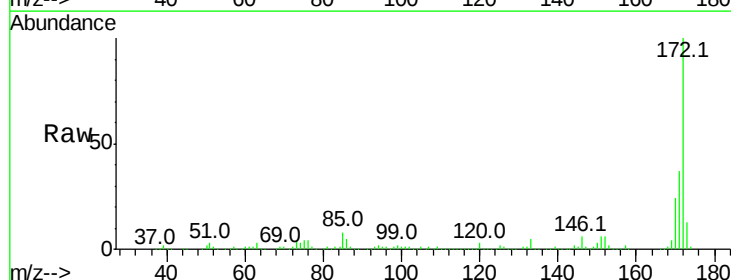


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

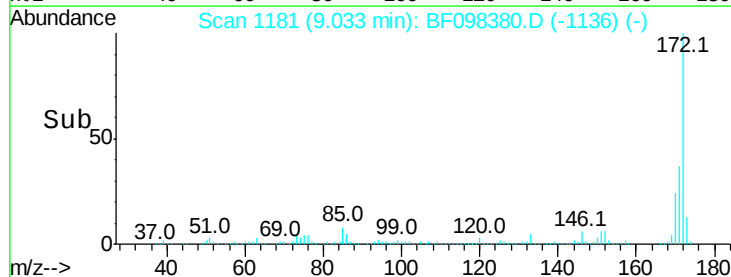
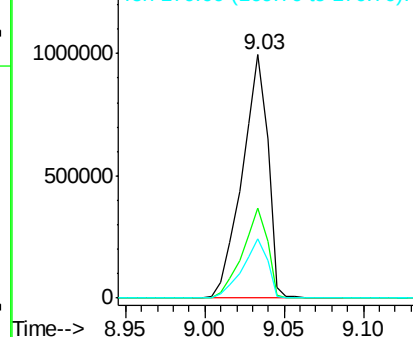


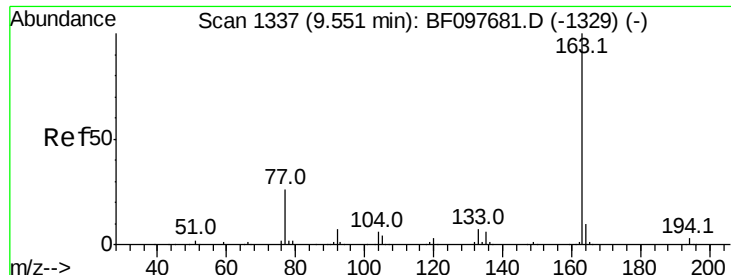
#44
 2-Fluorobiphenyl
 Concen: 88.734 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Tgt Ion:172 Resp: 1113779
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.2 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

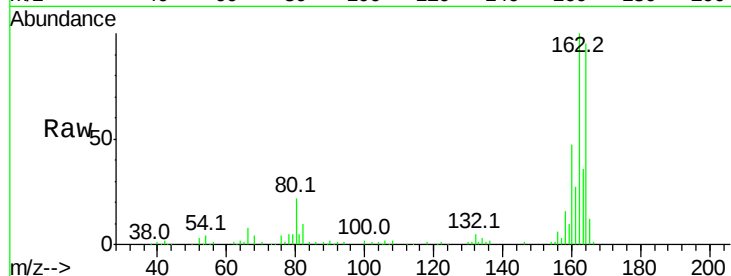




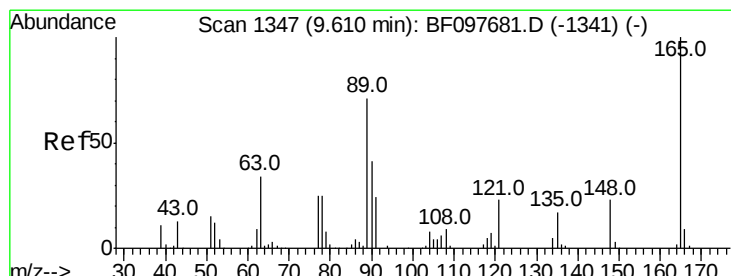
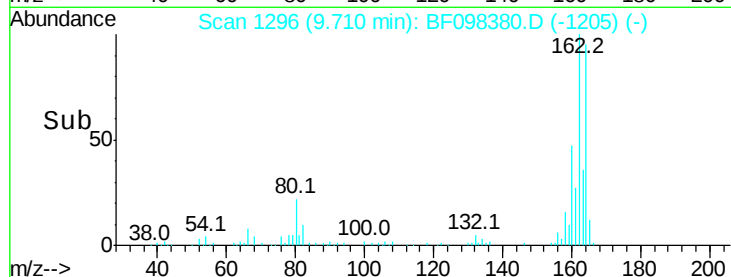
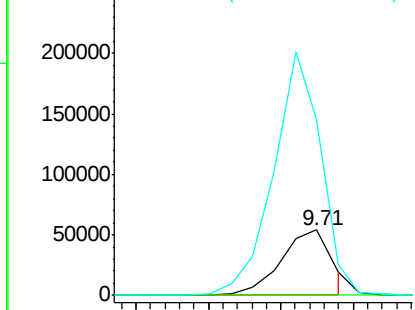
#49
Dimethylphthalate
Concen: 3.910 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.24 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 52706
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 268.3 8.4 12.6#

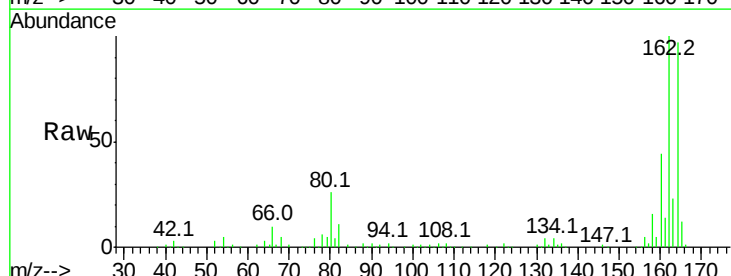


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

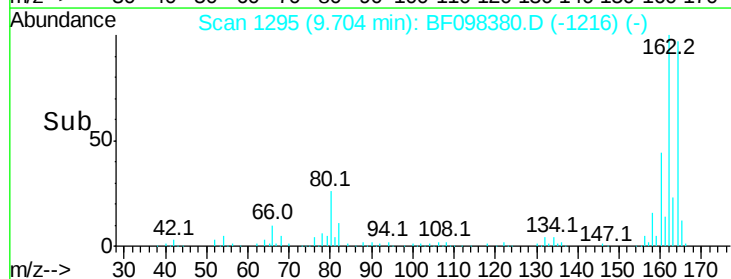
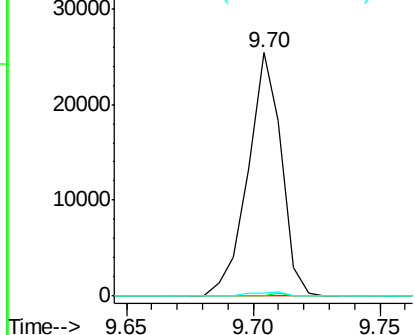


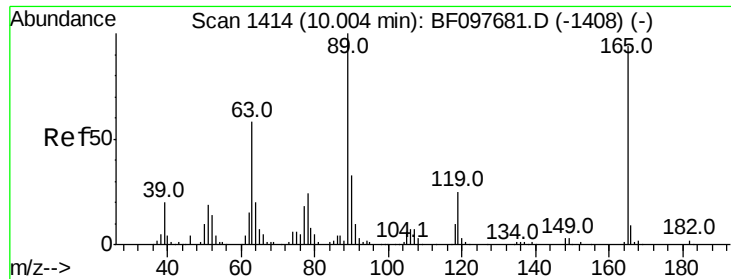
#50
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.16 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Tgt Ion:165 Resp: 23222
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.4 37.1 55.7#



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

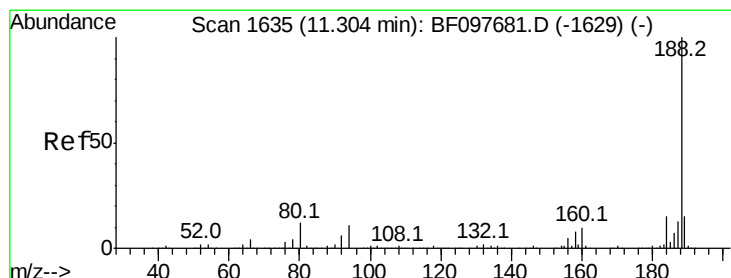
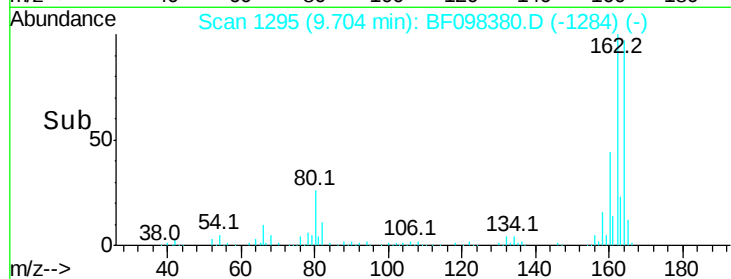
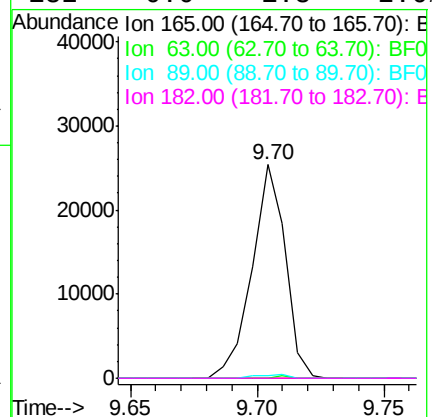
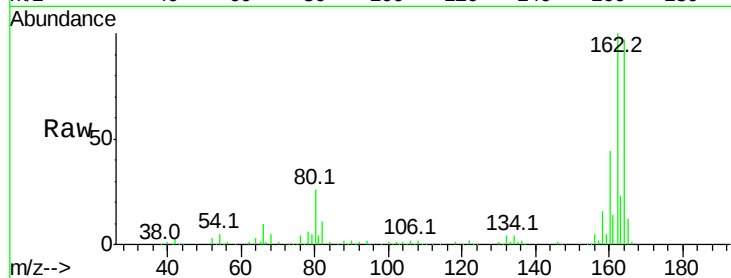




#56
 2,4-Dinitrotoluene
 Concen: 6.877 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

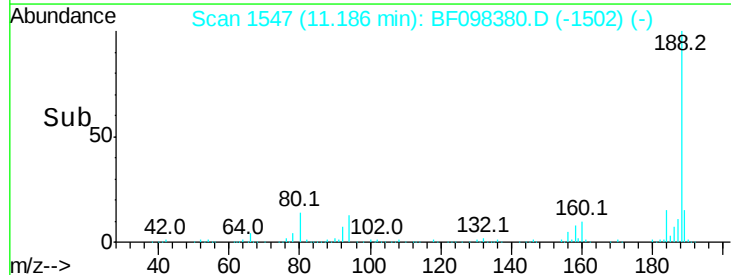
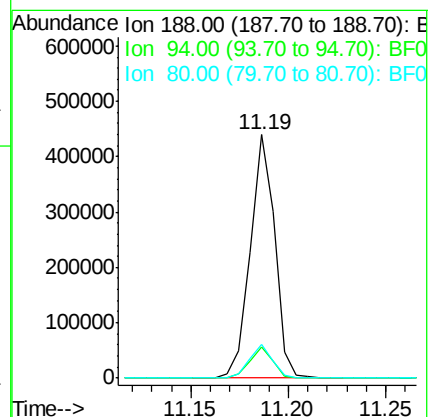
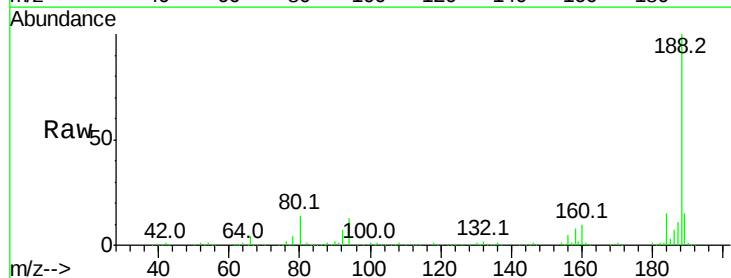
Instrument :
 BNA_F
 ClientSampleId :

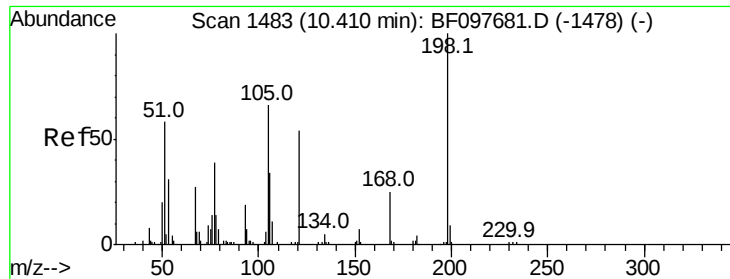
Tot Ion:165 Resp: 23222
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Tgt Ion:188 Resp: 381909
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.4 14.2
 80 13.7 10.2 15.2

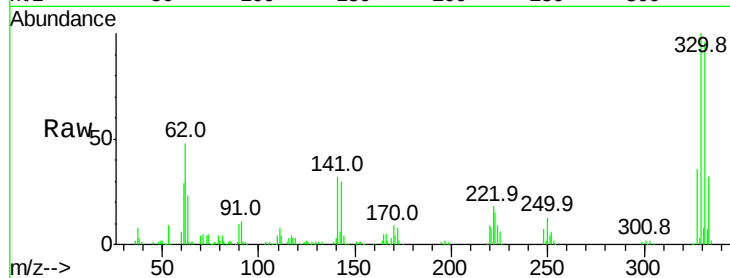




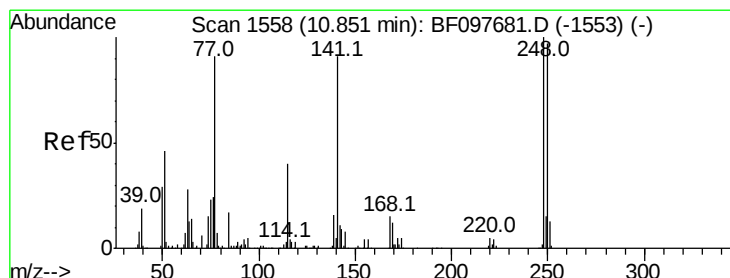
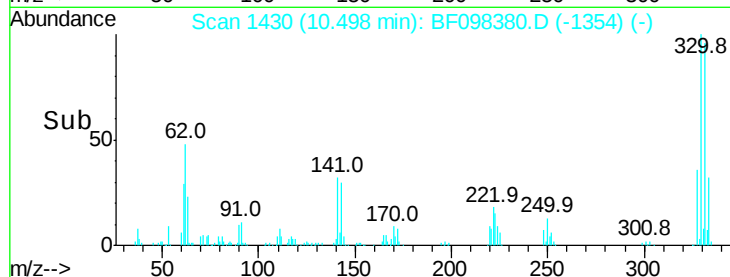
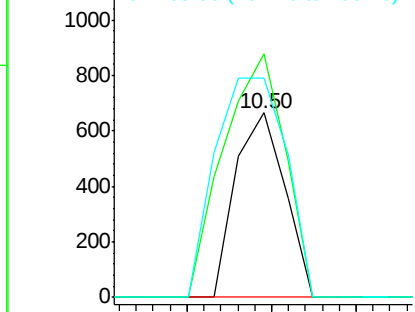
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.569 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.15 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 540
 Ion Ratio Lower Upper
 198 100
 51 132.0 53.2 93.2#
 105 118.9 45.8 85.8#

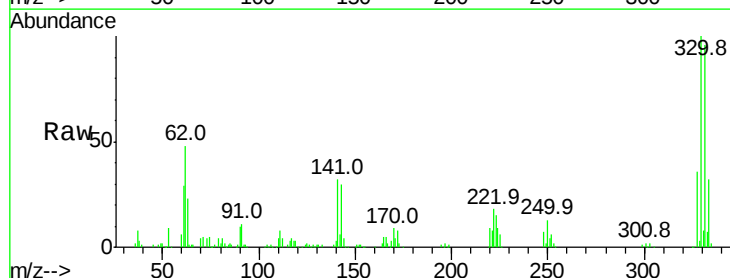


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

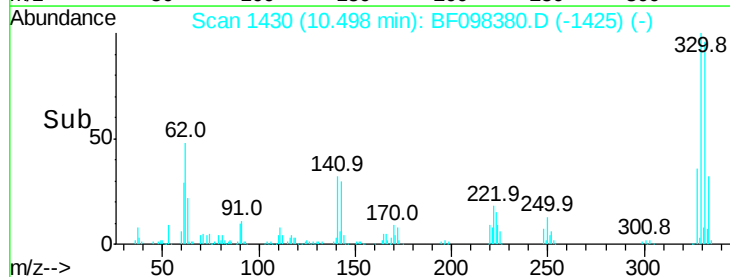
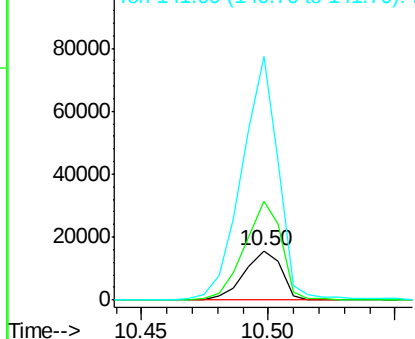


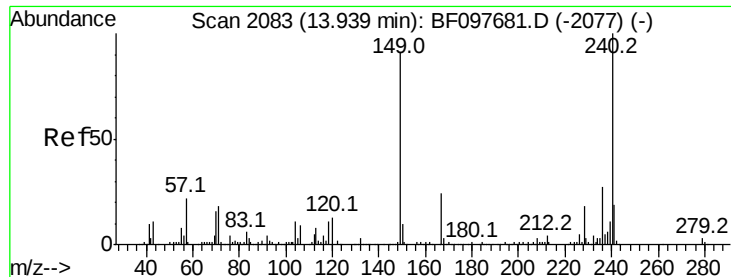
#66
 4-Bromophenyl-phenylether
 Concen: 4.043 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.27 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Tgt Ion:248 Resp: 16036
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.8 115.2#
 141 491.9 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: BF098380.D

Acq: 9 Sep 2017 12:38

Instrument :

BNA_F

ClientSampleId :

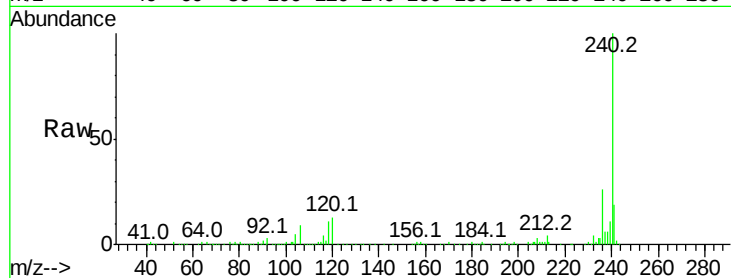
Tot Ion:240 Resp: 309000

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

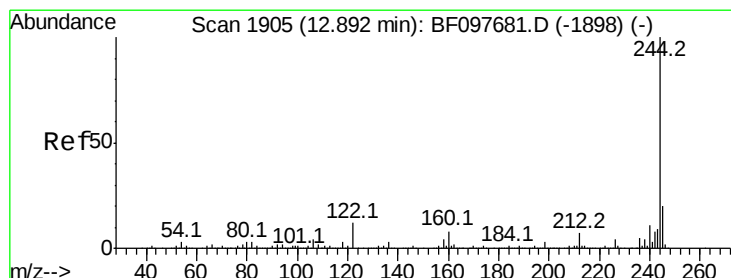
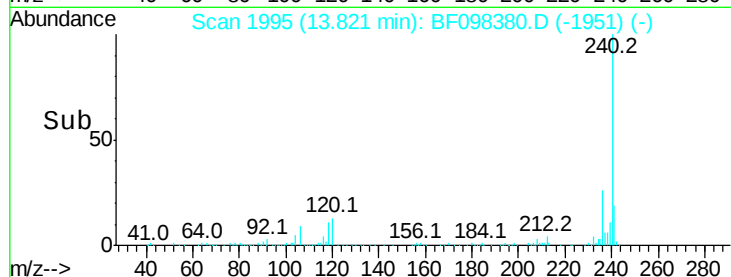
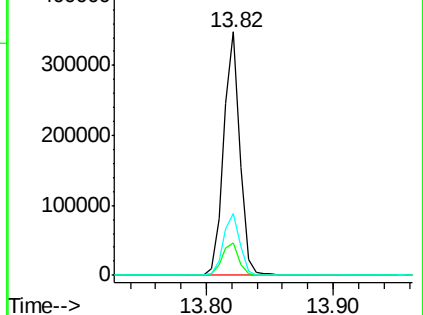
236 25.7 20.5 30.7



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: 72.117 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

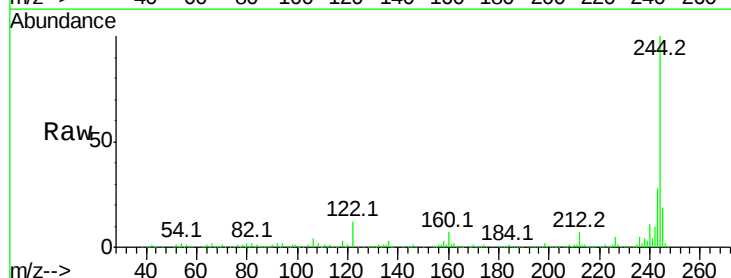
Tgt Ion:244 Resp: 1068617

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

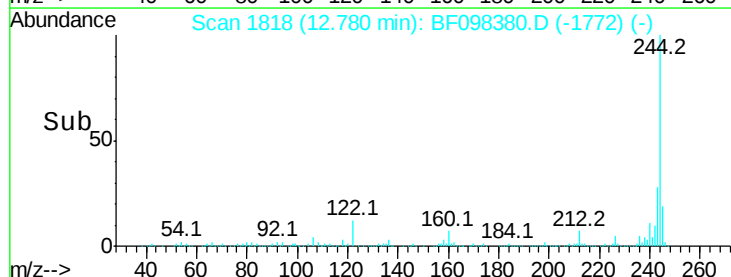
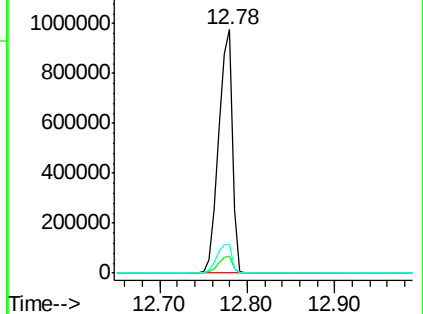
122 11.8 10.3 15.5

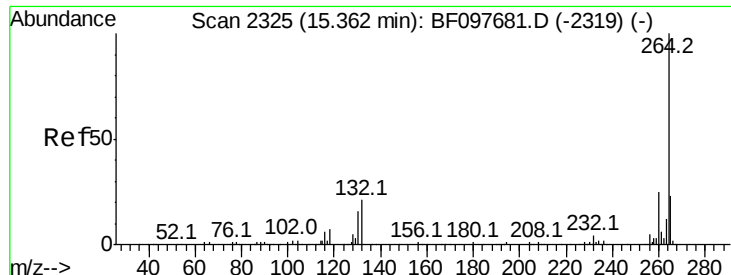


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

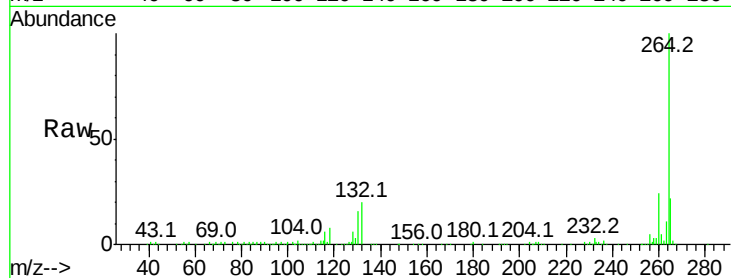




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	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

