

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098319.D
 Acq On : 7 Sep 2017 17:49
 Operator : SJ/JU
 Sample : I5066-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Sep 08 01:50:53 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

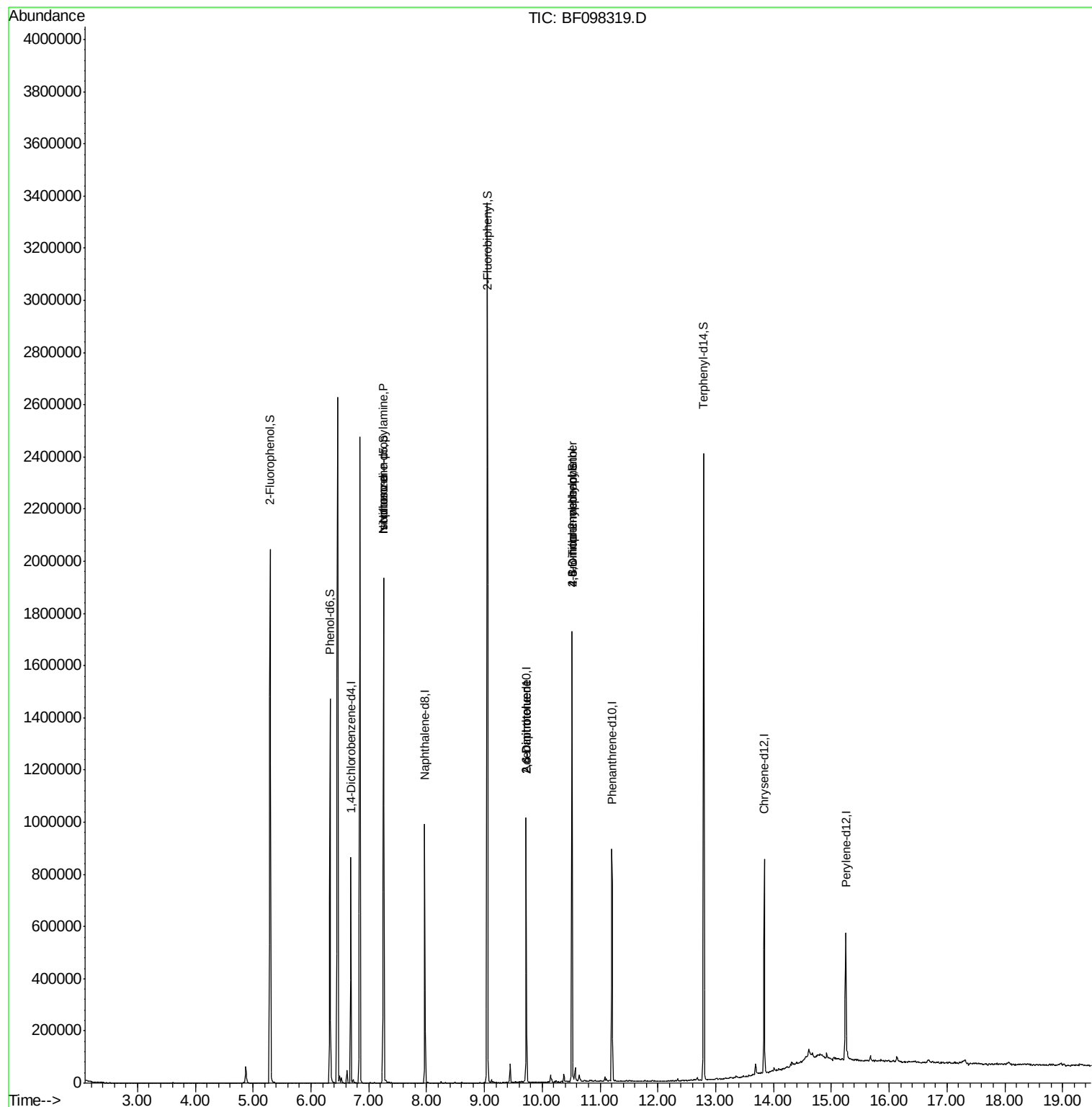
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111485	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	436265	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	184793	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	311786	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	253078	20.00	ng	-0.02
86) Perylene-d12	15.25	264	202179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	589609	80.44	ng	-0.01
7) Phenol-d6	6.33	99	546951	54.92	ng	-0.02
23) Nitrobenzene-d5	7.26	82	737003	91.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	211439	131.87	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1097953	87.29	ng	-0.02
78) Terphenyl-d14	12.79	244	788082	64.94	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	96372	14.137	ng	# 71
25) Isophorone	7.26	82	736996	44.135	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	24073	8.928	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	24073	7.114	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.52	198	331	8.507	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	13622	4.207	ng	# 1

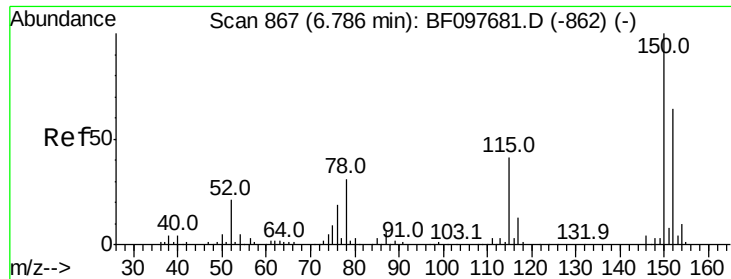
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098319.D
Acq On : 7 Sep 2017 17:49
Operator : SJ/JU
Sample : I5066-05RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

Quant Time: Sep 08 01:50:53 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



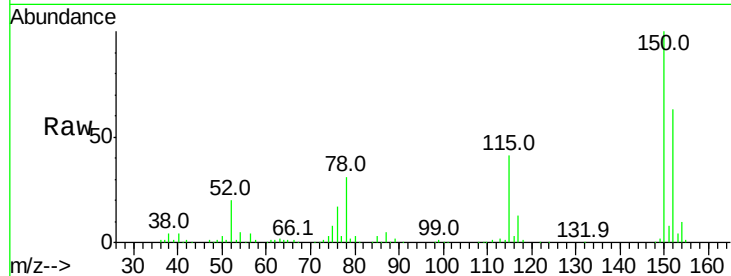


#1

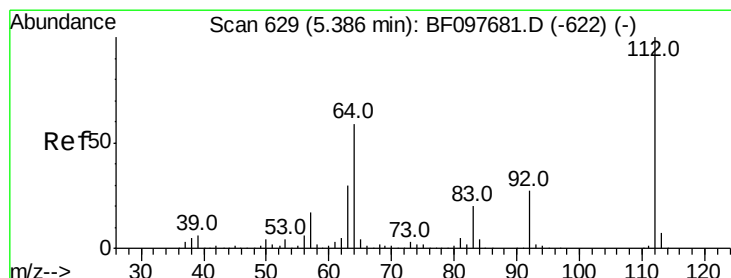
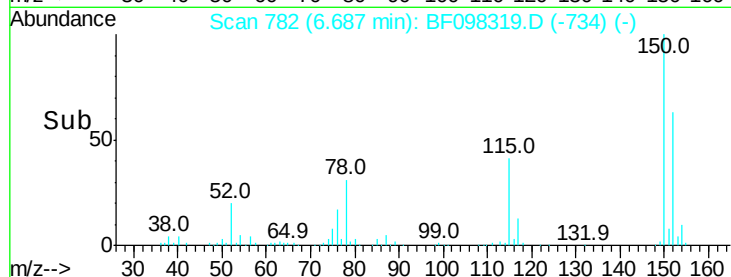
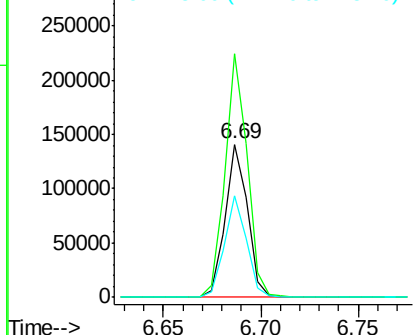
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TW-1

Tot Ion:152 Resp: 111485
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 66.1 52.2 78.2



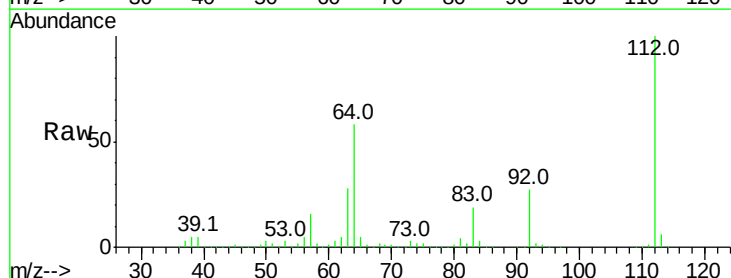
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



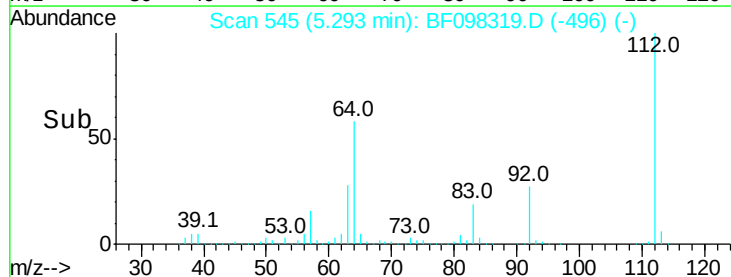
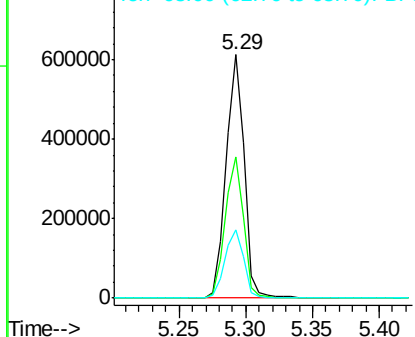
#5

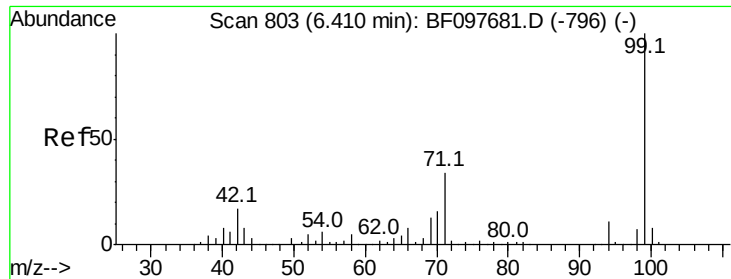
2-Fluorophenol
Concen: 80.445 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion:112 Resp: 589609
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 28.3 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: 54.923 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098319.D

Acq: 7 Sep 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TW-1

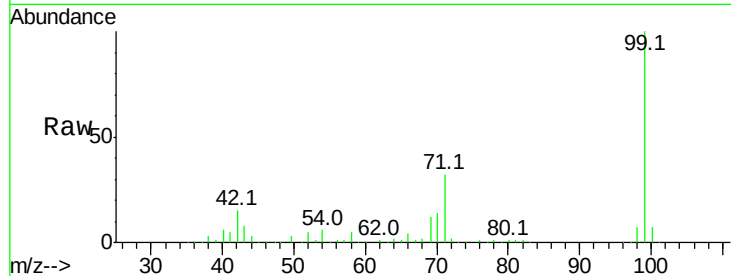
Tot Ion: 99 Resp: 546951

Ion Ratio Lower Upper

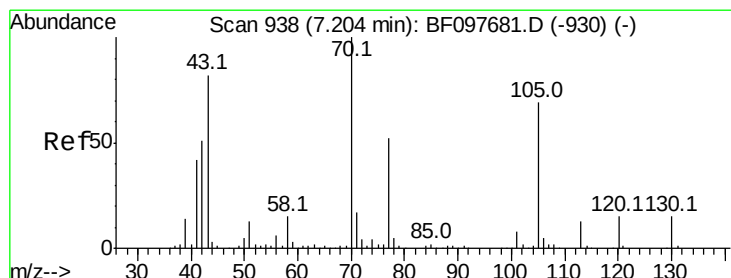
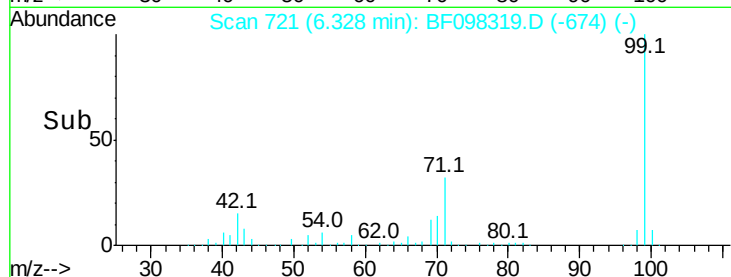
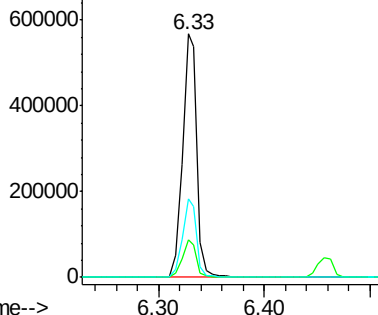
99 100

42 15.2 13.5 20.3

71 32.5 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: 14.137 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098319.D

Acq: 7 Sep 2017 17:49

Tgt Ion: 70 Resp: 96372

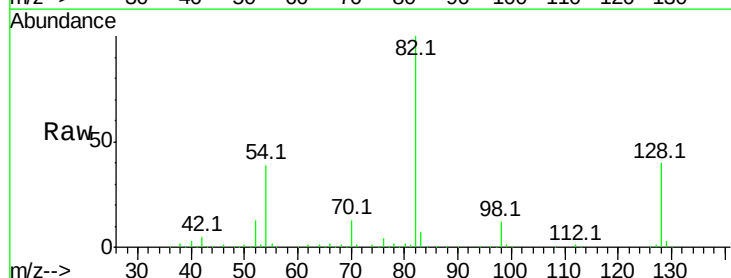
Ion Ratio Lower Upper

70 100

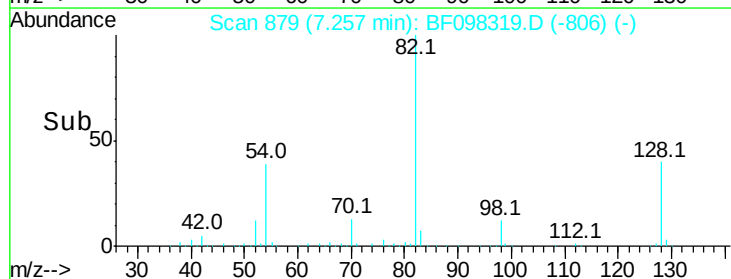
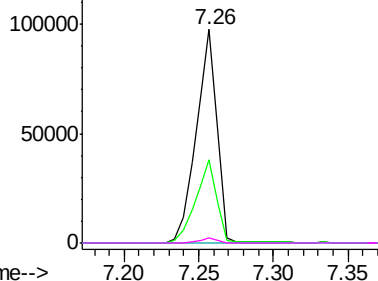
42 38.7 47.2 70.8#

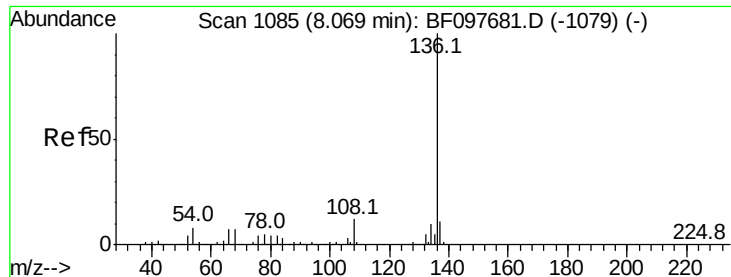
101 0.0 7.2 10.8#

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

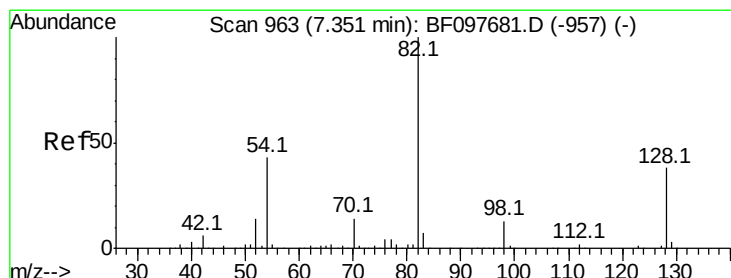
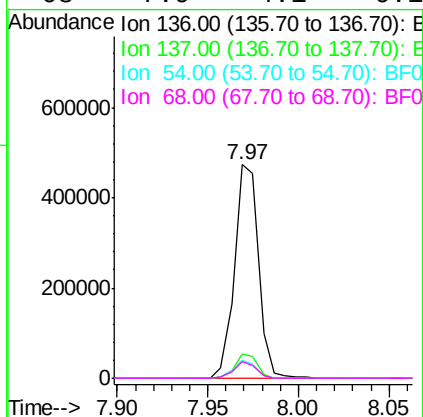
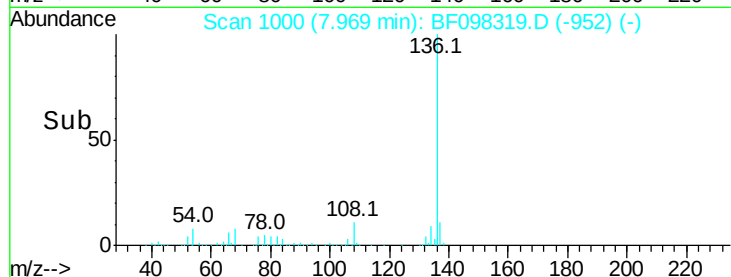
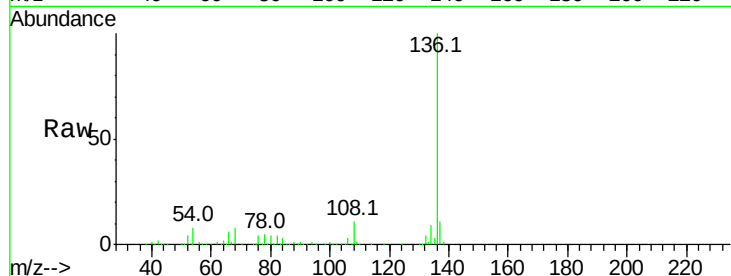




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

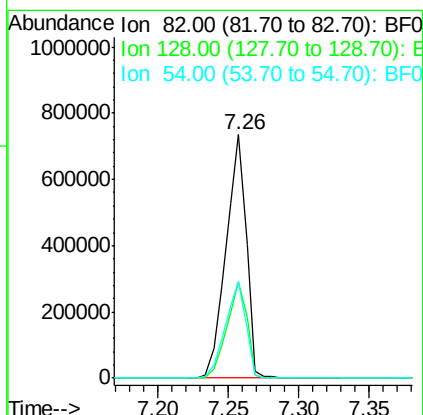
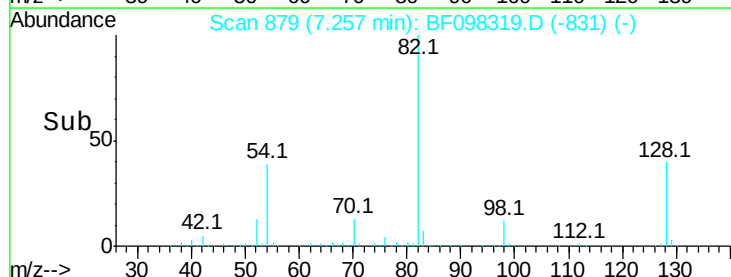
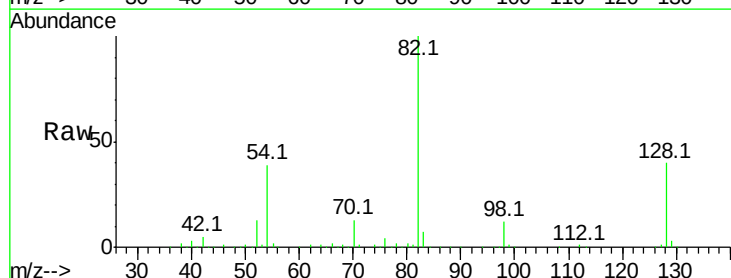
Instrument :
BNA_F
ClientSampleId :
TW-1

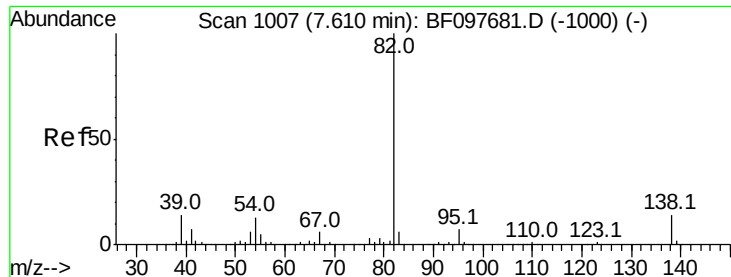
Tot Ion:136 Resp: 436265
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.4 4.9 7.3#
68 7.9 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 91.773 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098319.D
Acq: 7 Sep 2017 17:49

Tgt Ion: 82 Resp: 737003
Ion Ratio Lower Upper
82 100
128 39.8 34.0 51.0
54 39.5 42.2 63.2#





#25

Isophorone

Concen: 44.135 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098319.D

Acq: 7 Sep 2017 17:49

Instrument :

BNA_F

ClientSampled :

TW-1

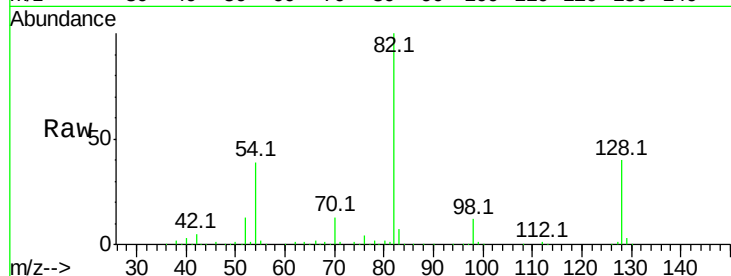
Tot Ion: 82 Resp: 736996

Ion Ratio Lower Upper

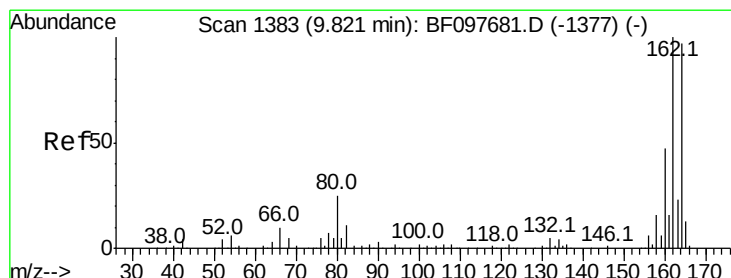
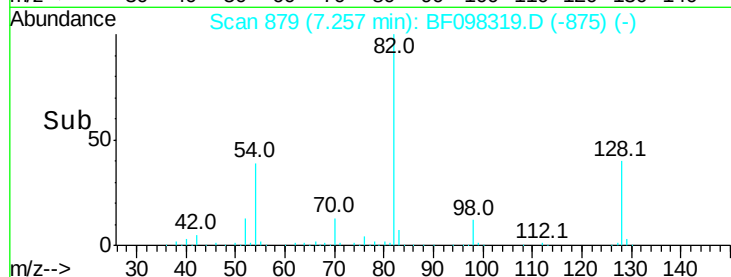
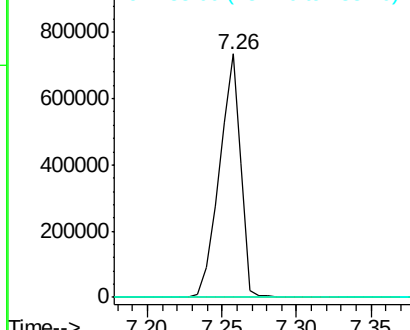
82 100

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: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098319.D

Acq: 7 Sep 2017 17:49

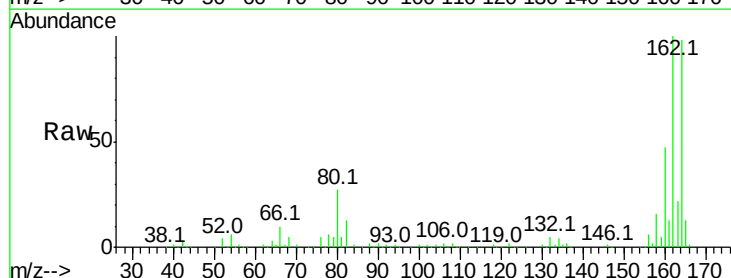
Tgt Ion:164 Resp: 184793

Ion Ratio Lower Upper

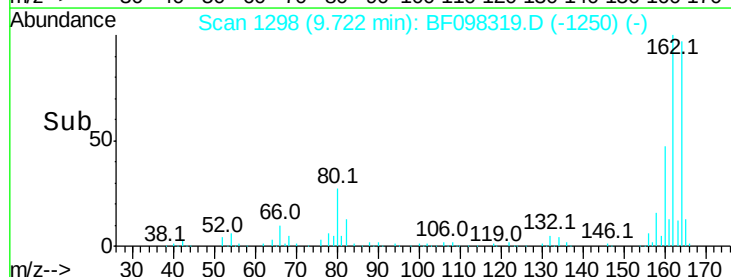
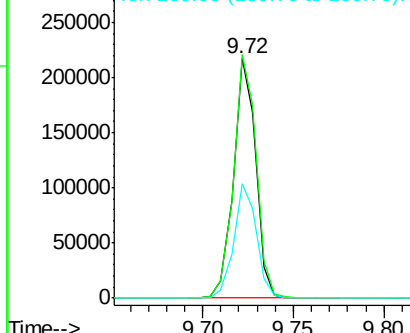
164 100

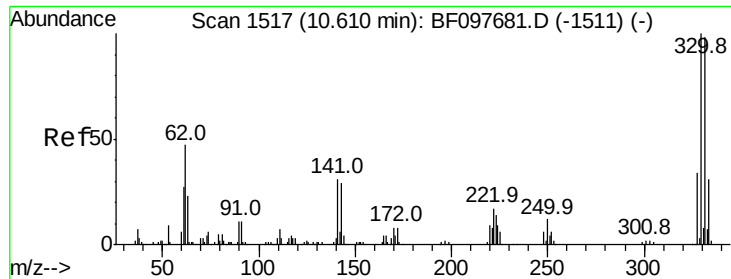
162 101.7 82.6 123.8

160 48.0 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

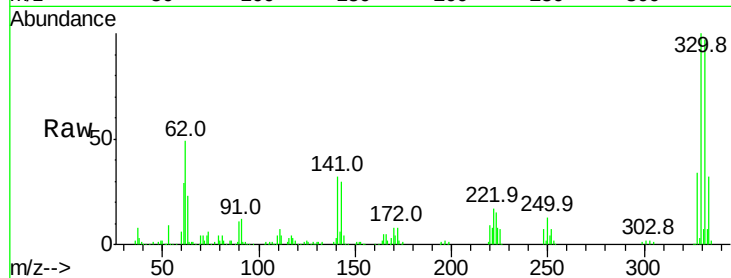




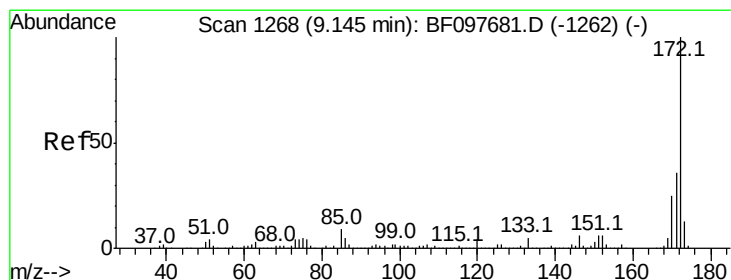
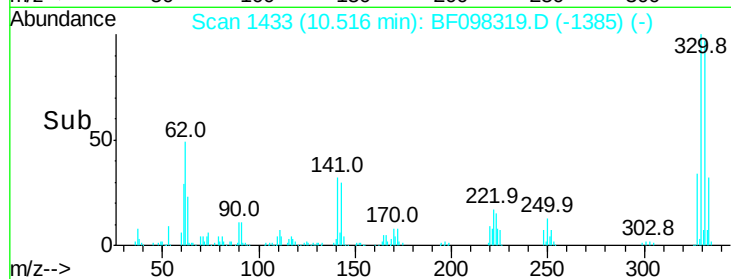
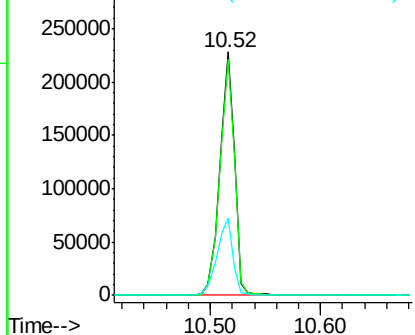
#41
 2,4,6-Tribromophenol
 Concen: 131.871 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tot Ion:330 Resp: 211439
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 33.9 31.4 47.2

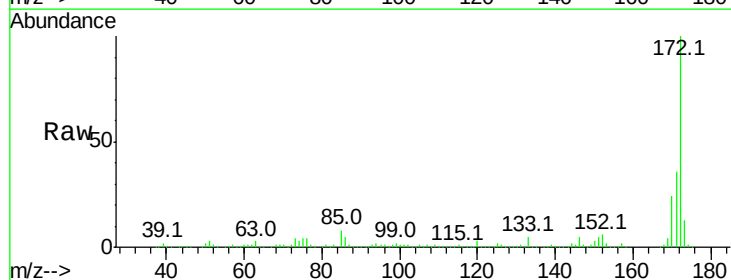


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

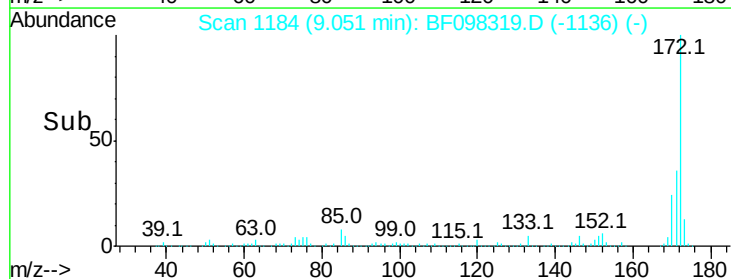
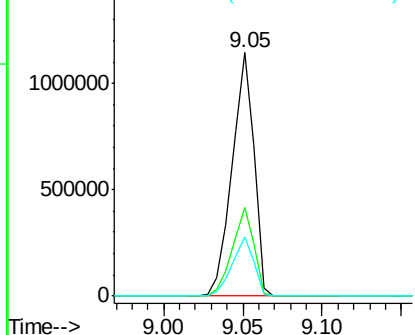


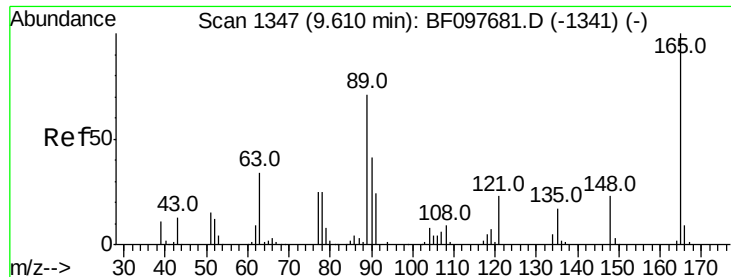
#44
 2-Fluorobiphenyl
 Concen: 87.293 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Tgt Ion:172 Resp: 1097953
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.1 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

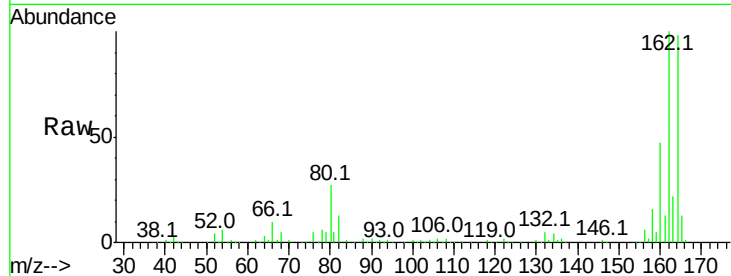




#50
 2,6-Dinitrotoluene
 Concen: 8.928 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.18 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

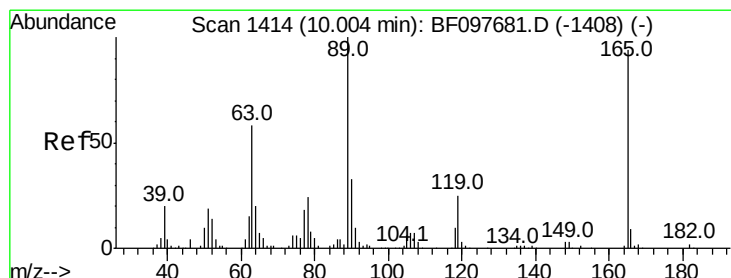
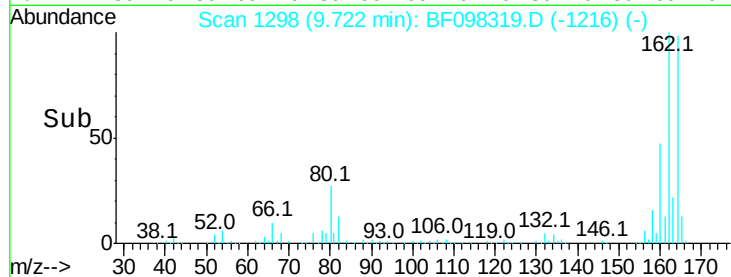
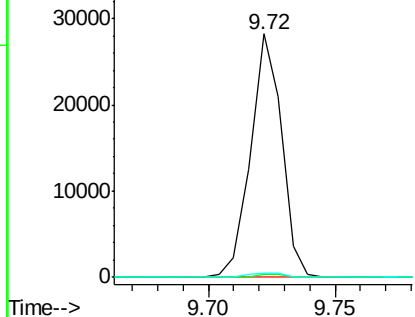
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.7	37.1	55.7#



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: 7.114 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

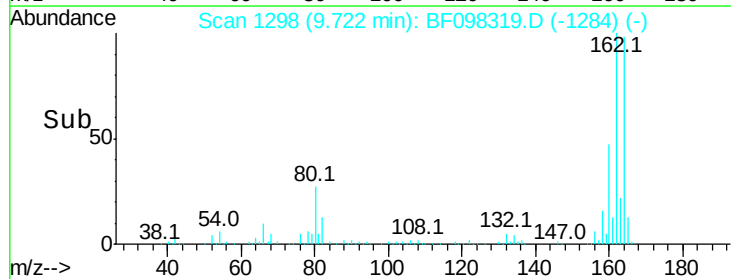
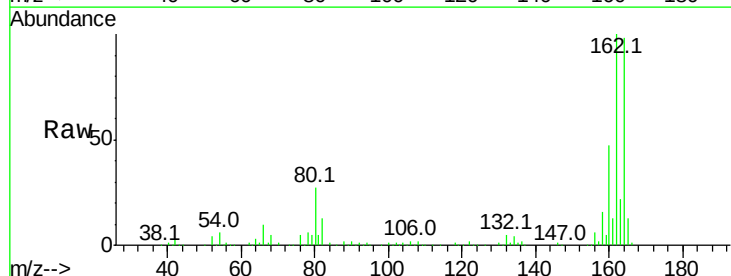
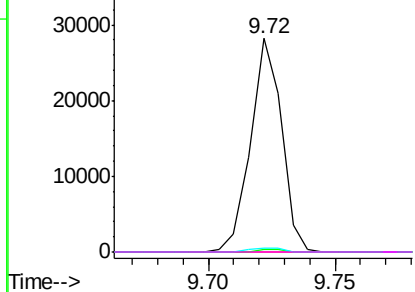
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

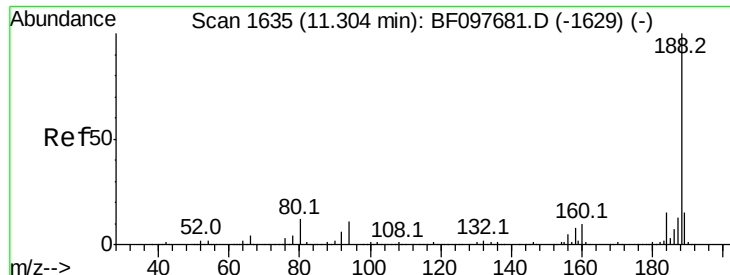
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BF098319.D

Acq: 7 Sep 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TW-1

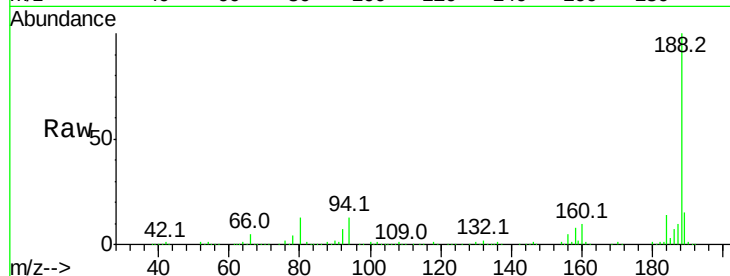
Tot Ion:188 Resp: 311786

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

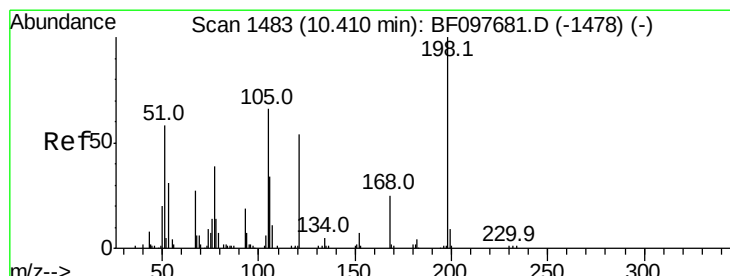
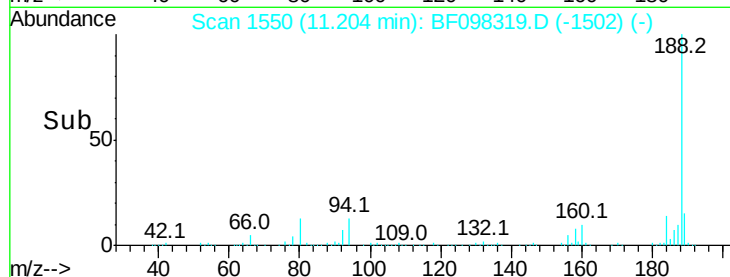
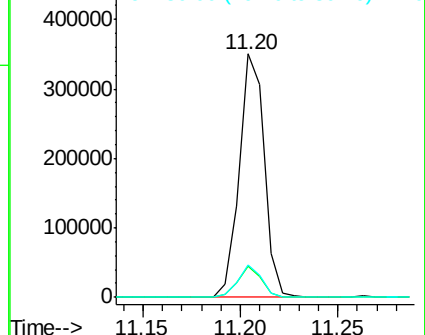
80 13.4 10.2 15.2



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: 8.507 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.16 min

Lab File: BF098319.D

Acq: 7 Sep 2017 17:49

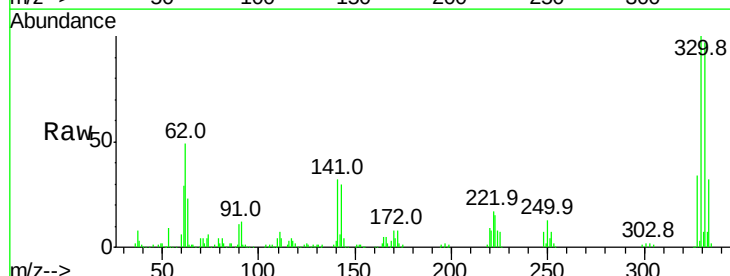
Tgt Ion:198 Resp: 331

Ion Ratio Lower Upper

198 100

51 162.8 53.2 93.2#

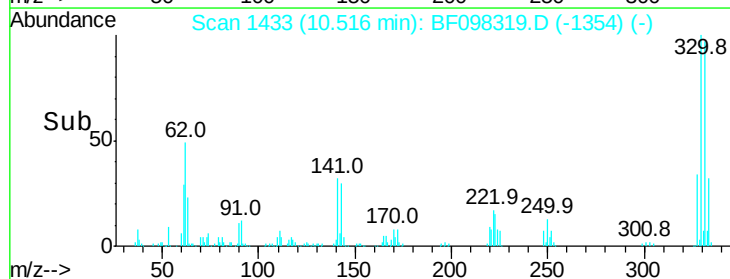
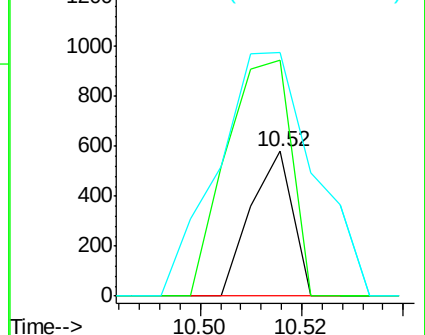
105 168.1 45.8 85.8#

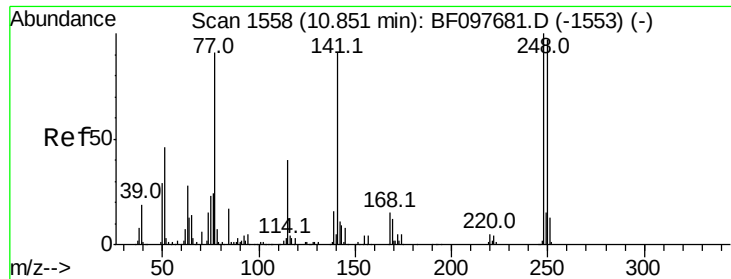


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

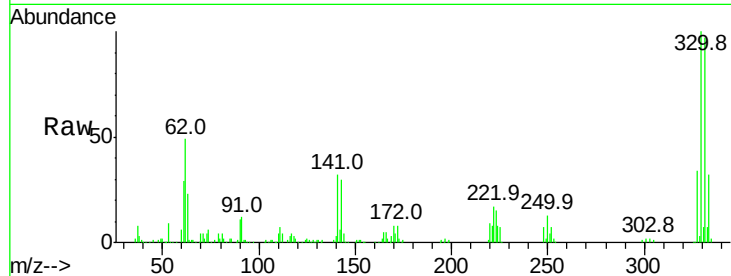




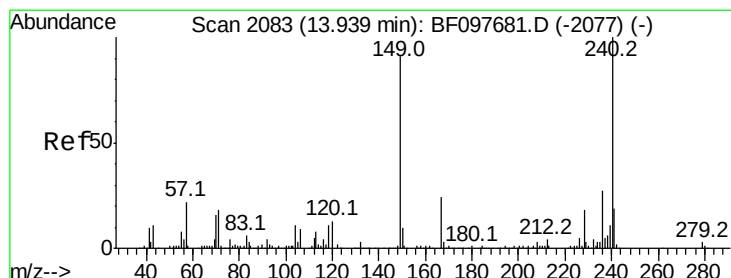
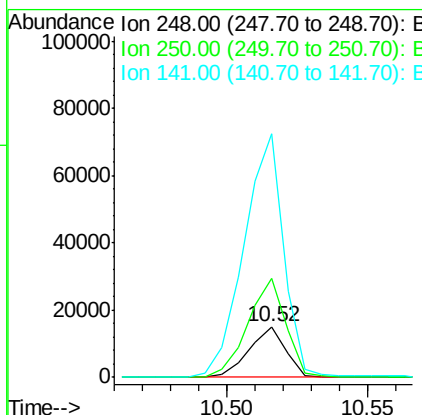
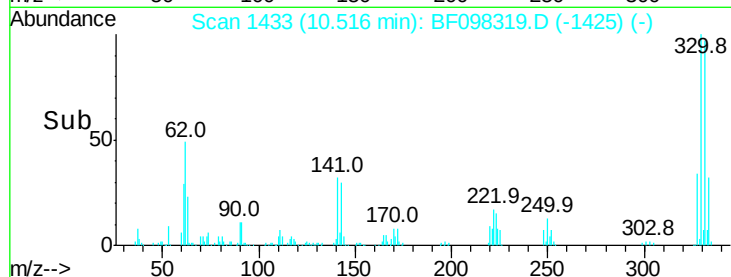
#66
 4-Bromophenyl-phenylether
 Concen: 4.207 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Instrument :
 BNA_F
 ClientSampled :
 TW-1

Tot Ion:248 Resp: 13622
 Ion Ratio Lower Upper
 248 100
 250 194.0 76.8 115.2#
 141 479.0 68.6 103.0#

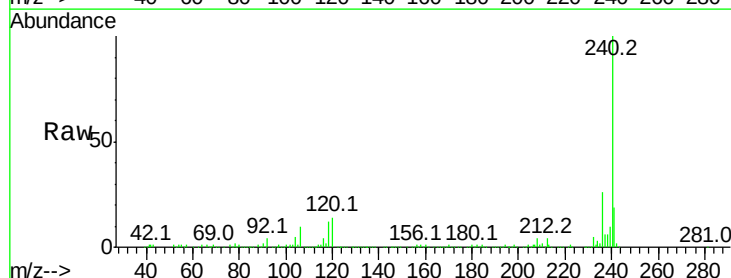


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

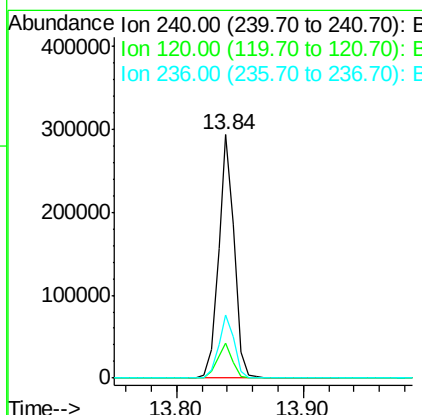
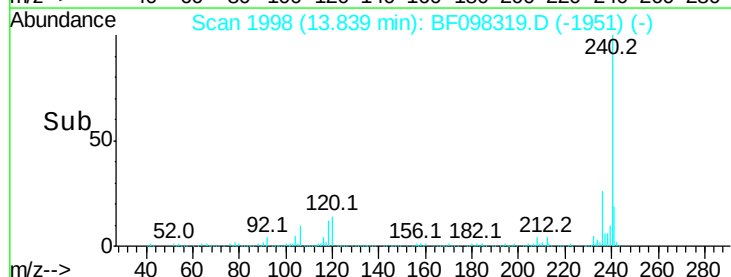


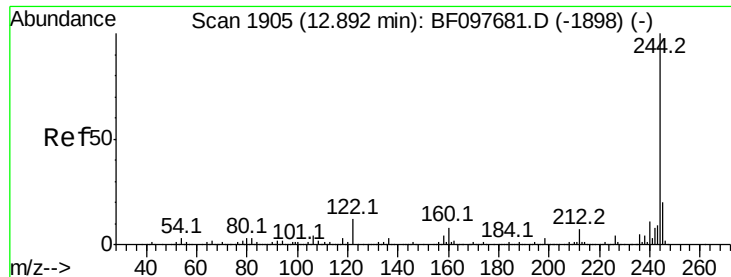
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Tgt Ion:240 Resp: 253078
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 26.0 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

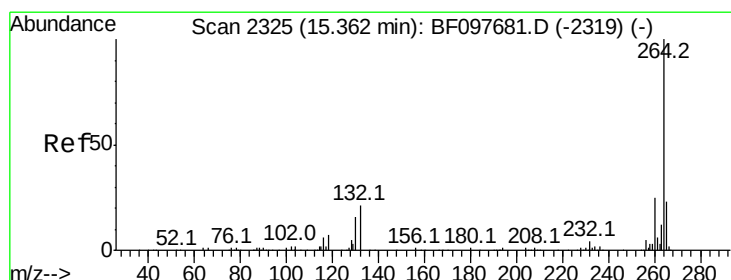
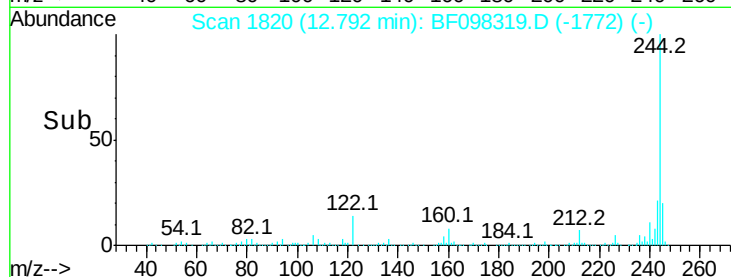
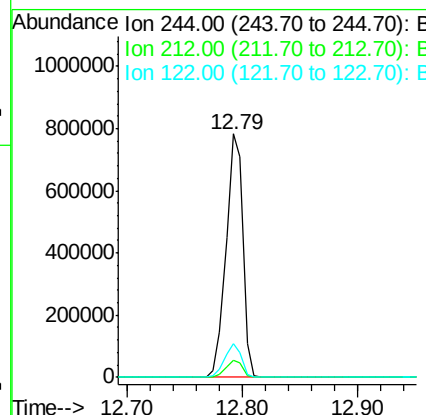
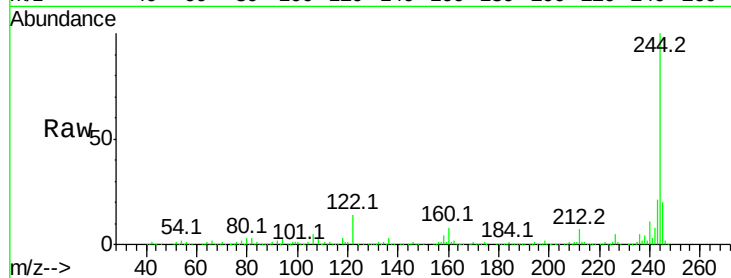




#78
 Terphenyl-d14
 Concen: 64.937 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Instrument :
 BNA_F
 ClientSampled :
 TW-1

Tot Ion:244 Resp: 788082
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF098319.D
 Acq: 7 Sep 2017 17:49

Tgt Ion:264 Resp: 202179
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 17.2 25.8

