

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098717.D
 Acq On : 23 Sep 2017 1:03
 Operator : SJ/JU
 Sample : I5340-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001

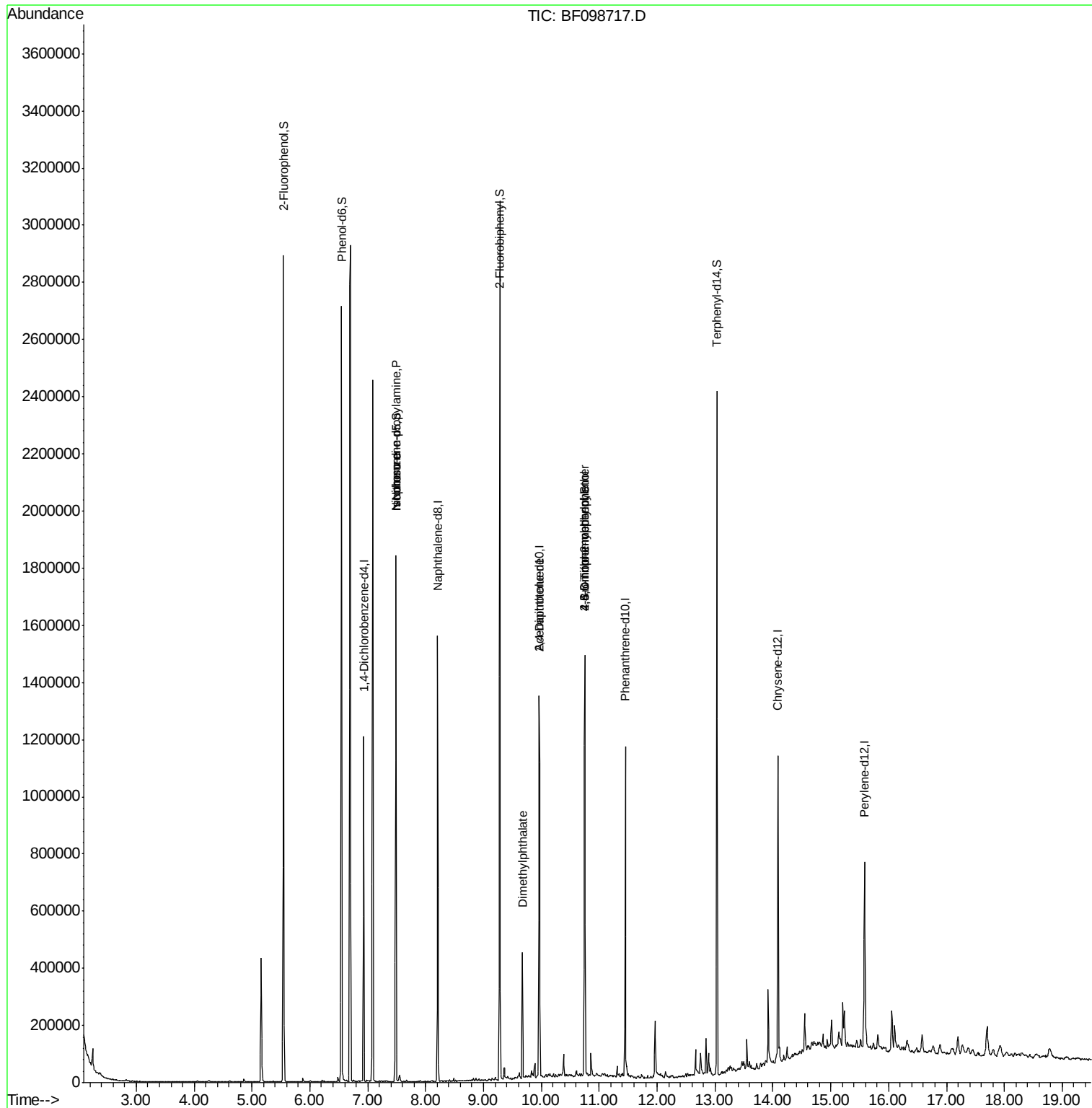
Quant Time: Sep 23 03:38:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	156310	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	628664	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	250088	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	352246	20.00	ng	0.00
75) Chrysene-d12	14.09	240	351957	20.00	ng	0.00
86) Perylene-d12	15.59	264	303886	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	844394	82.03	ng	0.00
7) Phenol-d6	6.55	99	1000824	80.29	ng	0.00
23) Nitrobenzene-d5	7.49	82	584684	63.09	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	158586	69.34	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	920907	58.60	ng	0.00
78) Terphenyl-d14	13.03	244	665773	40.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	76358	9.89	ng	# 80
25) Isophorone	7.49	82	584015	28.89	ng	# 64
49) Dimethylphthalate	9.67	163	165638	8.83	ng	# 98
56) 2,4-Dinitrotoluene	9.96	165	31037	6.24	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	176	9.03	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	9757	2.74	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098717.D
Acq On : 23 Sep 2017 1:03
Operator : SJ/JU
Sample : I5340-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 23 03:38:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

Instrument :

BNA_F

ClientSampleId :

LT-TS-001

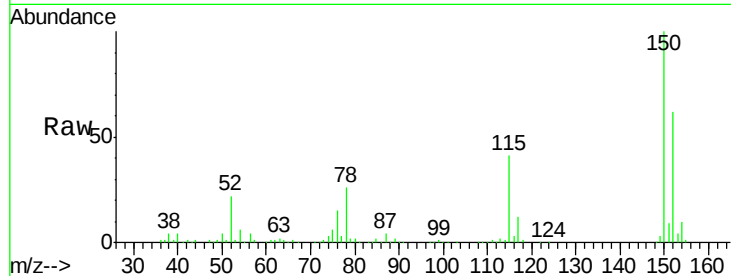
Tot Ion:152 Resp: 156310

Ion Ratio Lower Upper

152 100

150 161.1 124.6 186.8

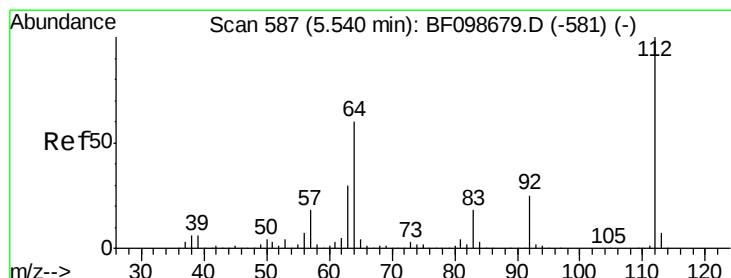
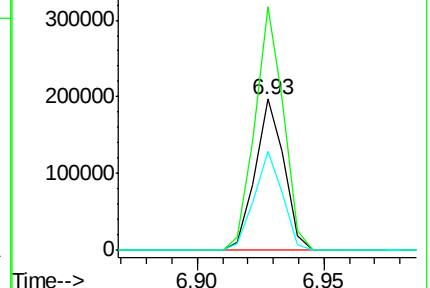
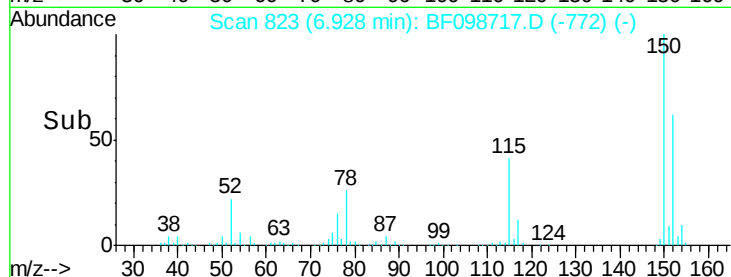
115 65.7 50.1 75.1



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: 82.03 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

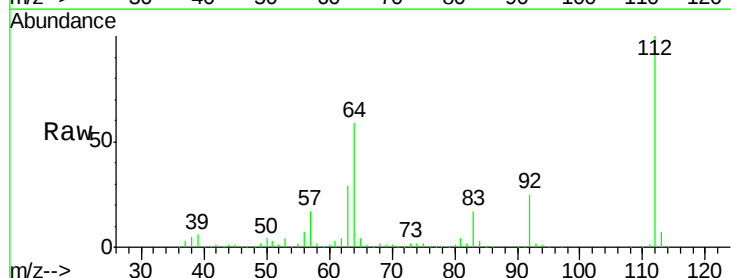
Tgt Ion:112 Resp: 844394

Ion Ratio Lower Upper

112 100

64 59.0 47.9 71.9

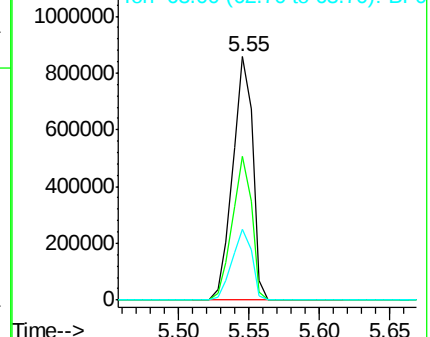
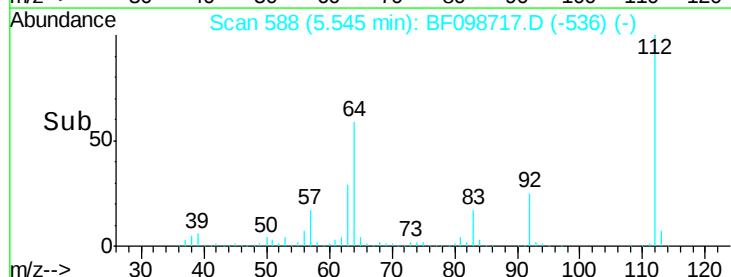
63 29.0 23.7 35.5



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: 80.29 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

Instrument :

BNA_F

ClientSampleId :

LT-TS-001

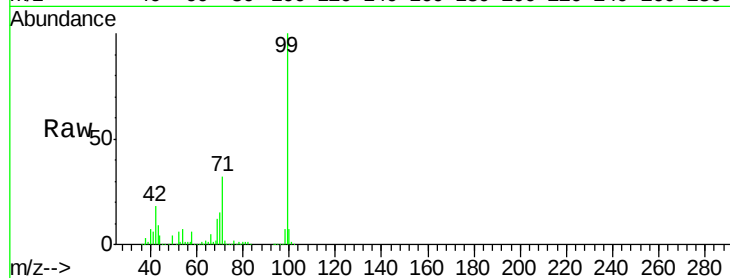
Tot Ion: 99 Resp: 1000824

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

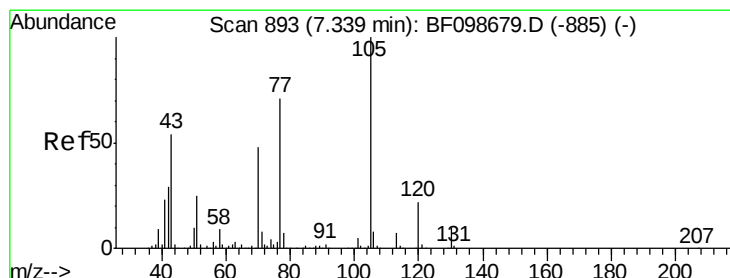
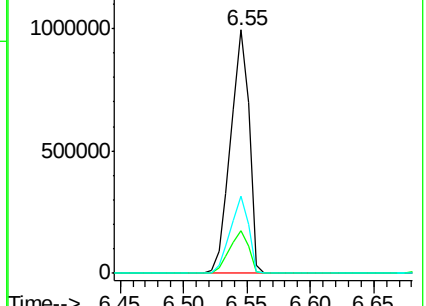
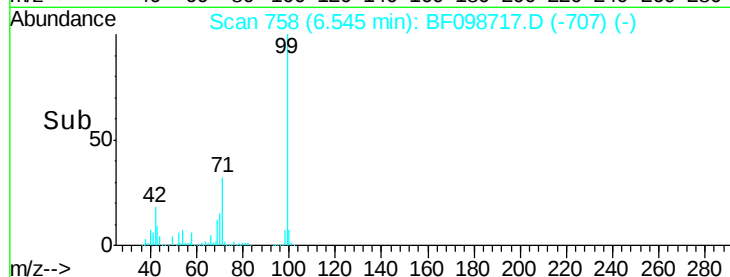
71 31.9 25.4 38.0



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: 9.89 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.15 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

Tgt Ion: 70 Resp: 76358

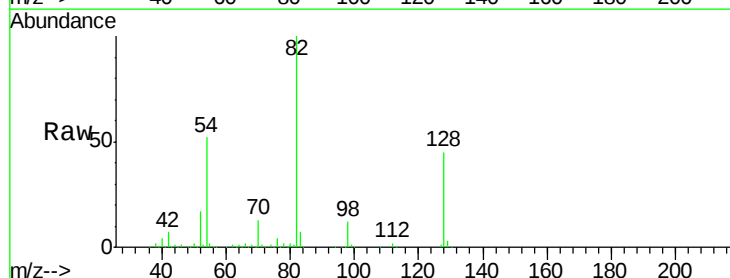
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

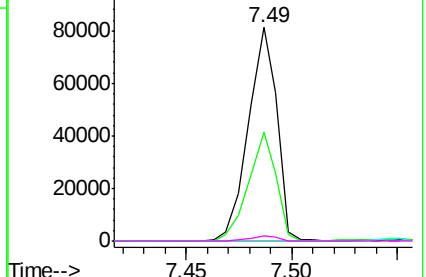
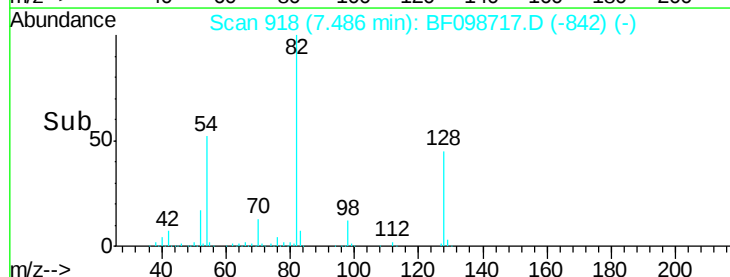


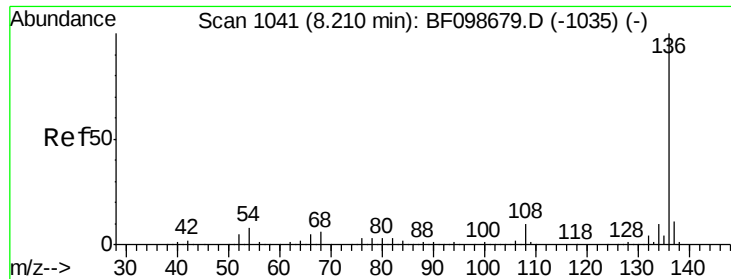
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

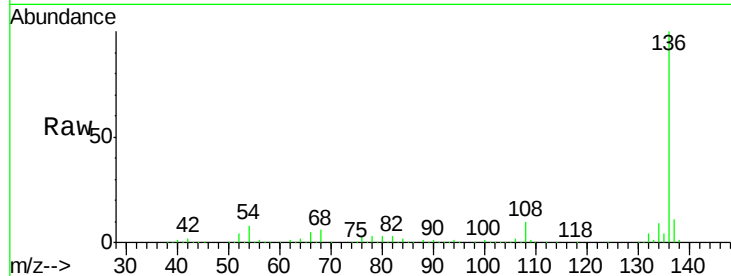




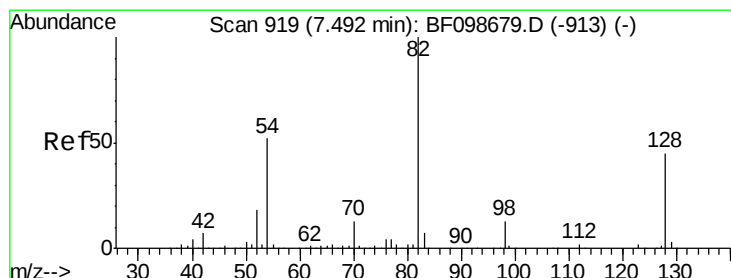
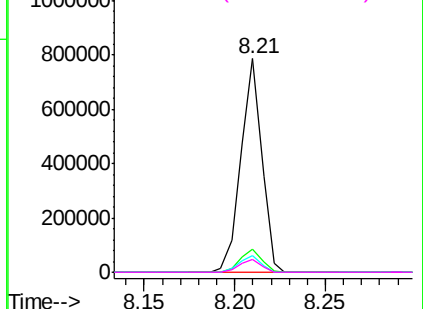
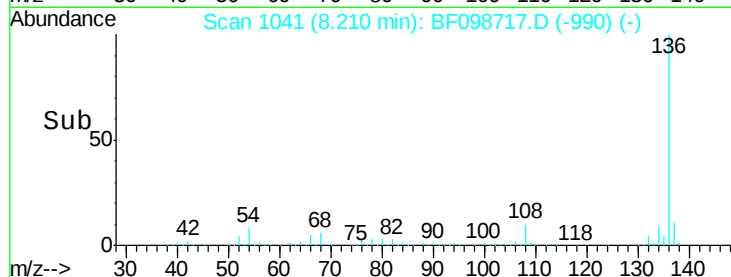
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098717.D
Acq: 23 Sep 2017 1:03

Instrument :
BNA_F
ClientSampleId :
LT-TS-001

Tot Ion:136	Resp: 628664
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 7.9	6.6 9.8
68 6.1	5.0 7.4

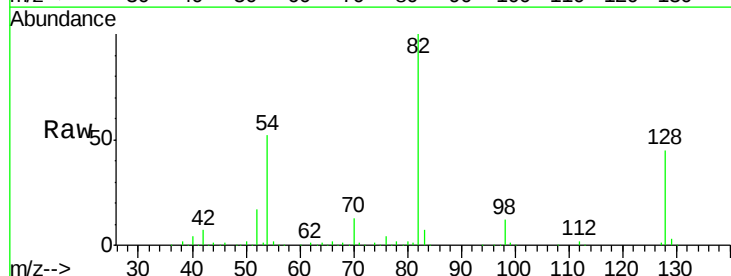


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

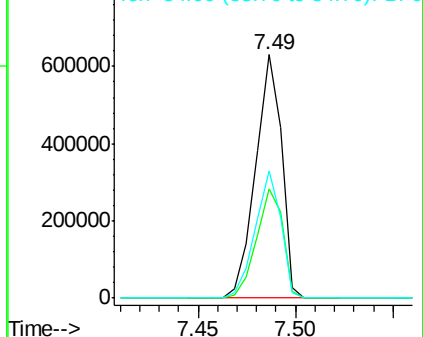
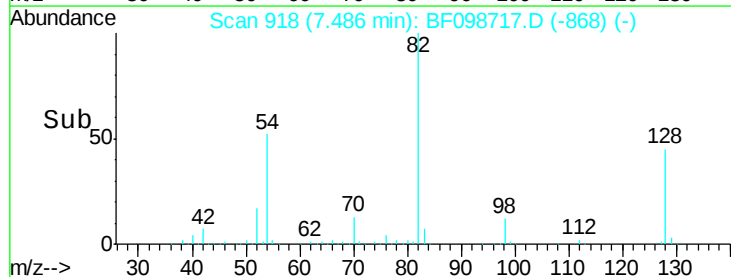


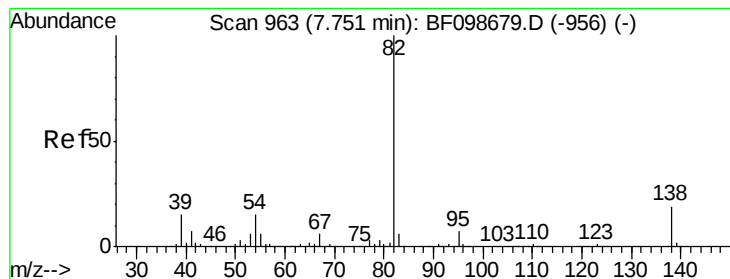
#23
Nitrobenzene-d5
Concen: 63.09 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098717.D
Acq: 23 Sep 2017 1:03

Tgt Ion: 82	Resp: 584684
Ion Ratio	Lower Upper
82 100	
128 44.7	36.1 54.1
54 52.3	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.89 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

Instrument :

BNA_F

ClientSampled :

LT-TS-001

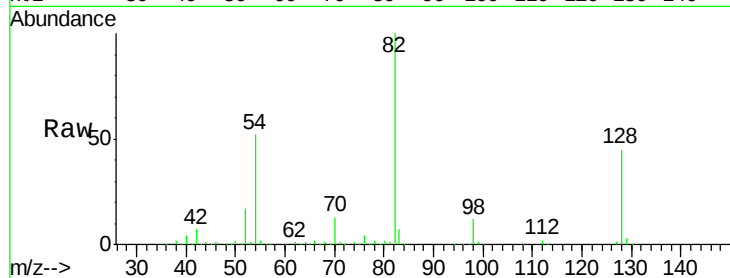
Tot Ion: 82 Resp: 584015

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

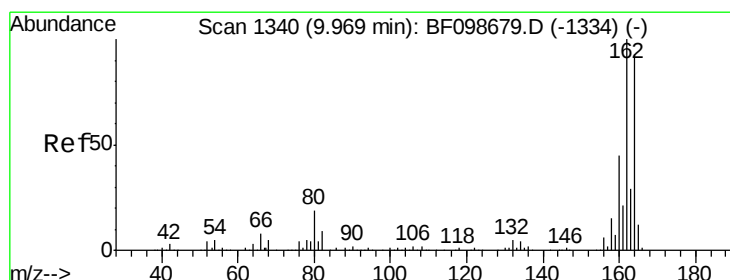
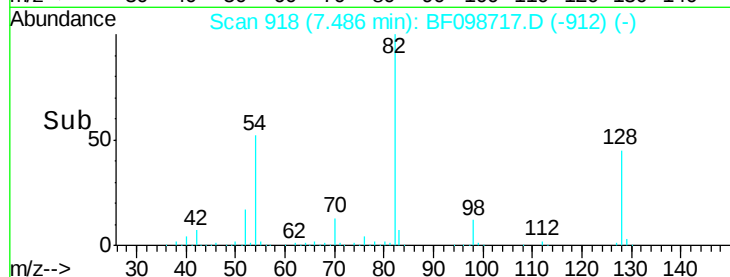
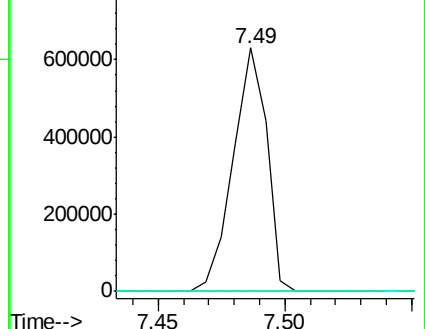
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

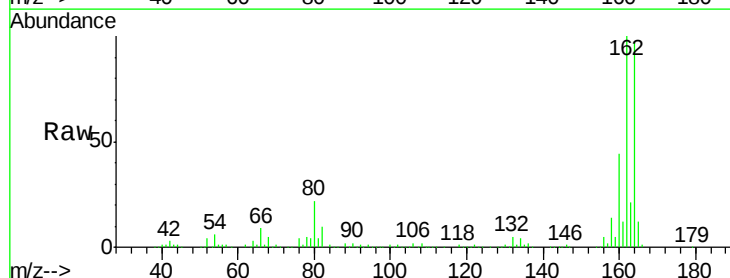
Tgt Ion: 164 Resp: 250088

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

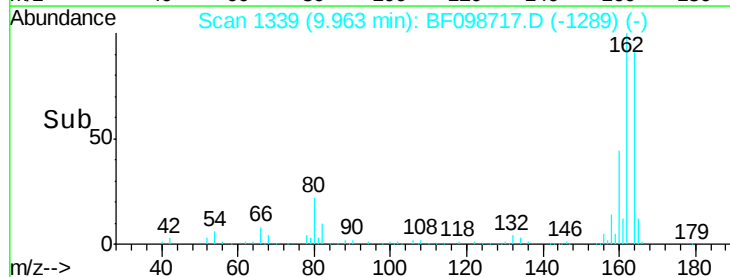
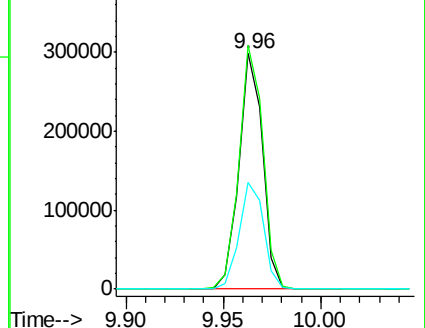
160 45.0 38.3 57.5

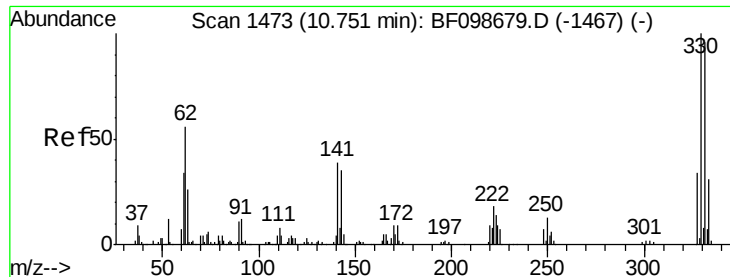


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 69.34 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

Instrument :

BNA_F

ClientSampled :

LT-TS-001

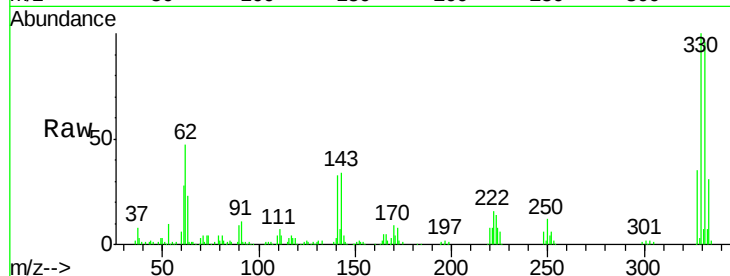
Tot Ion:330 Resp: 158586

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

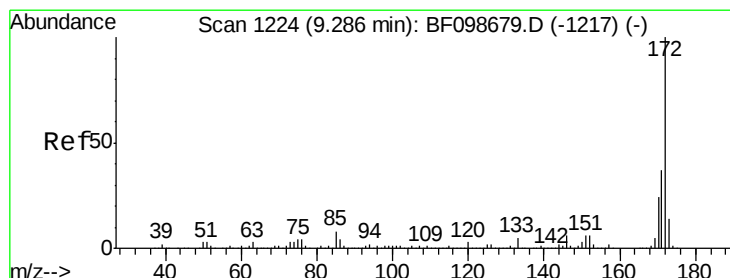
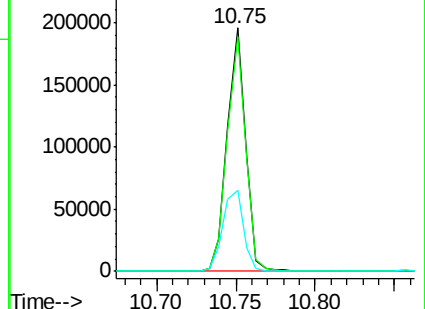
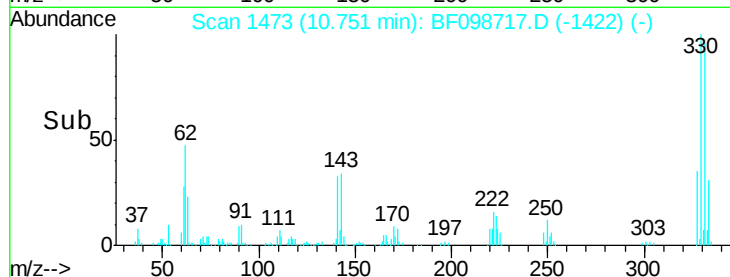
141 38.1 29.9 44.9



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: 58.60 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF098717.D

Acq: 23 Sep 2017 1:03

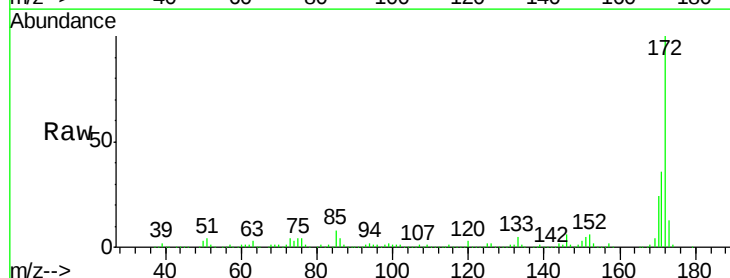
Tgt Ion:172 Resp: 920907

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

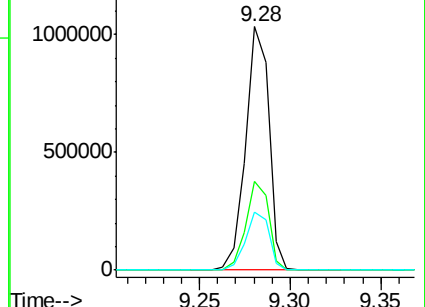
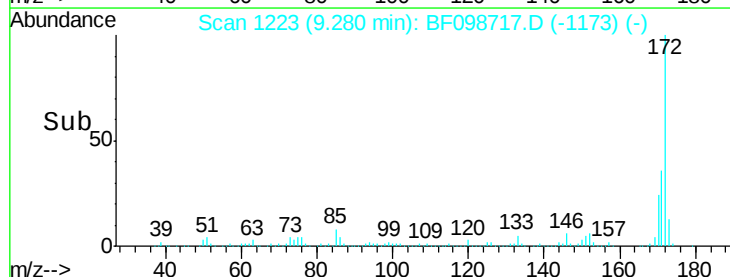
170 23.6 19.6 29.4

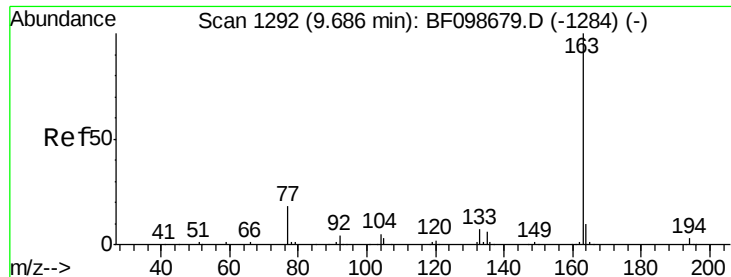


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

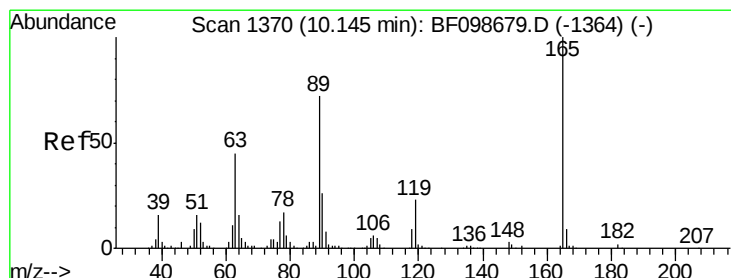
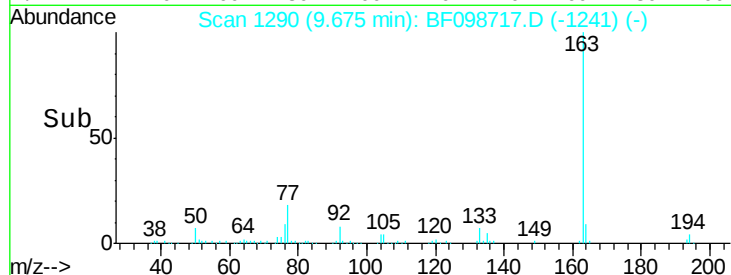
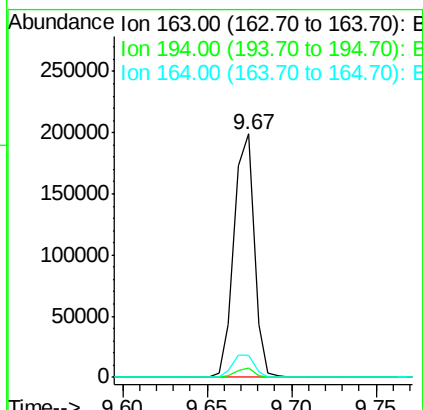
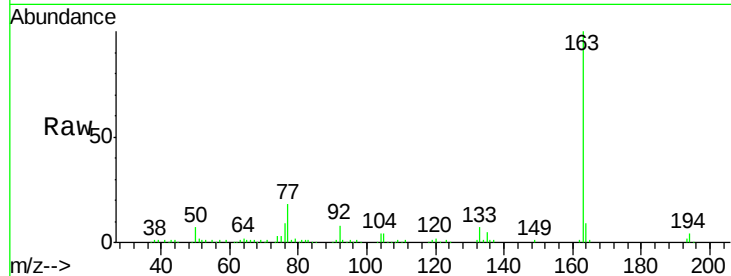




#49
Dimethylphthalate
Concen: 8.83 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098717.D
Acq: 23 Sep 2017 1:03

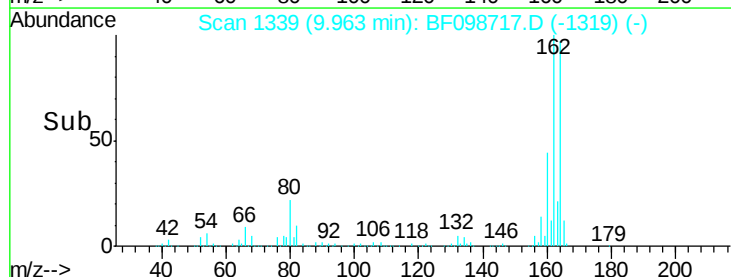
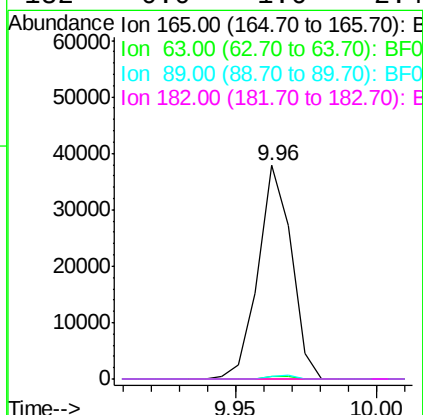
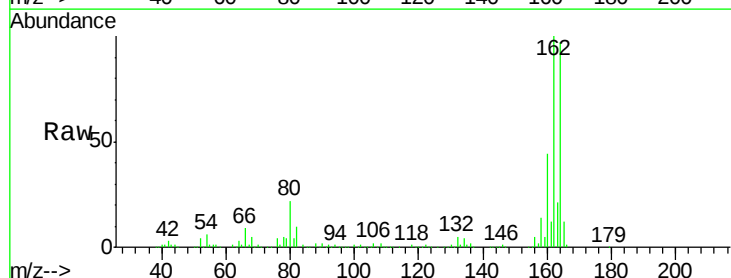
Instrument :
BNA_F
ClientSampled :
LT-TS-001

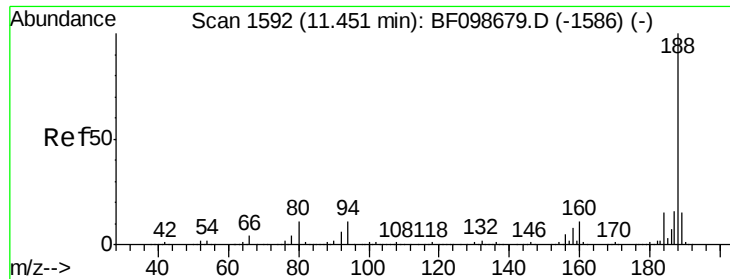
Tot Ion:163 Resp: 165638
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.18 min
Lab File: BF098717.D
Acq: 23 Sep 2017 1:03

Tgt Ion:165 Resp: 31037
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

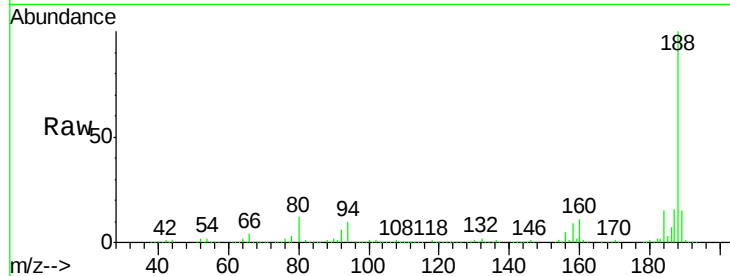




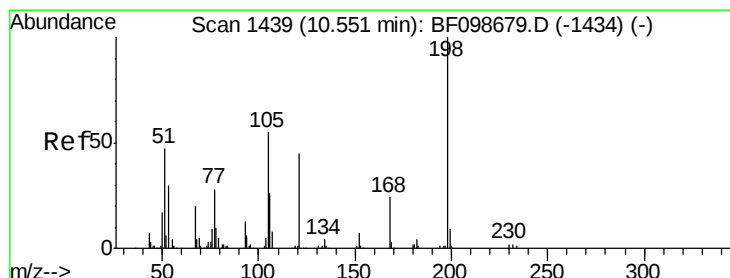
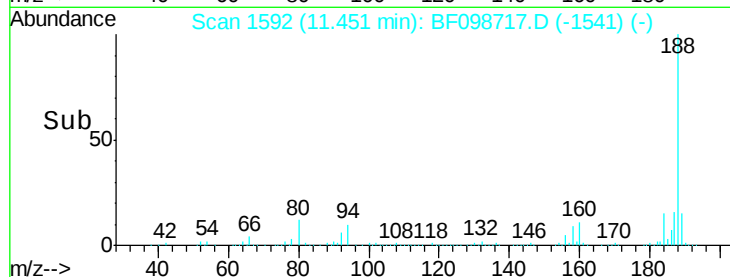
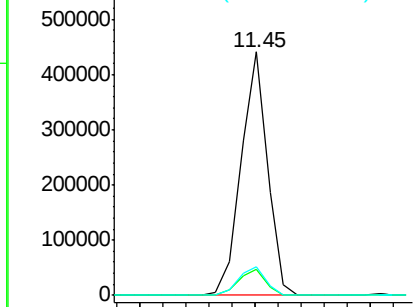
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098717.D
Acq: 23 Sep 2017 1:03

Instrument :
BNA_F
ClientSampleId :
LT-TS-001

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.9	9.2	13.8

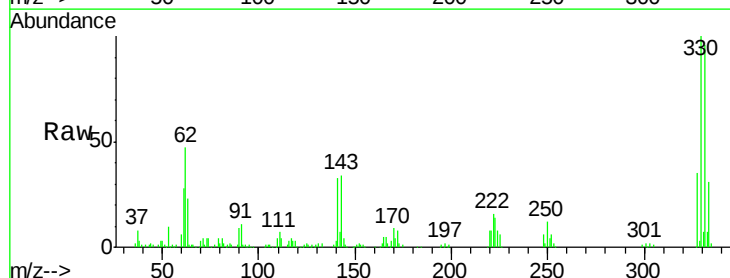


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

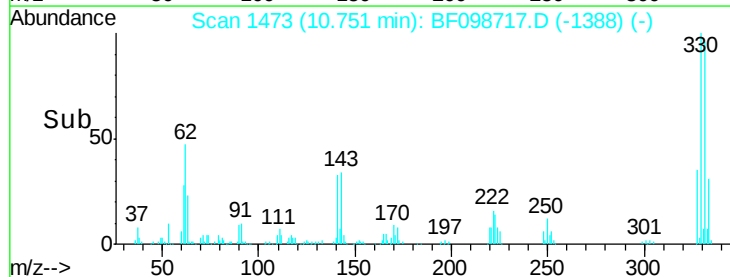
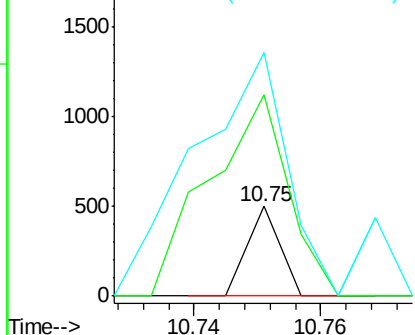


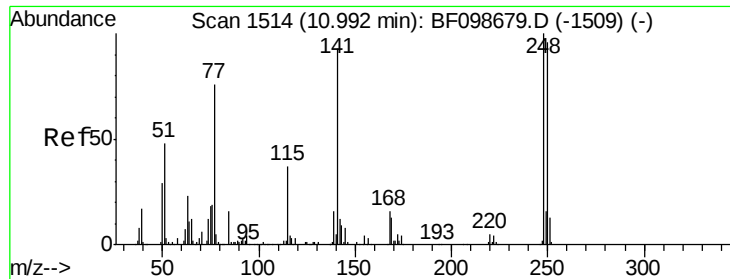
#64
4,6-Dinitro-2-methylphenol
Concen: 9.03 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.20 min
Lab File: BF098717.D
Acq: 23 Sep 2017 1:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	225.9	37.7	77.7#
105	272.5	36.3	76.3#



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

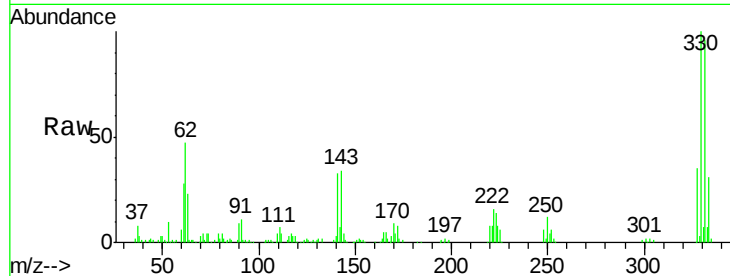




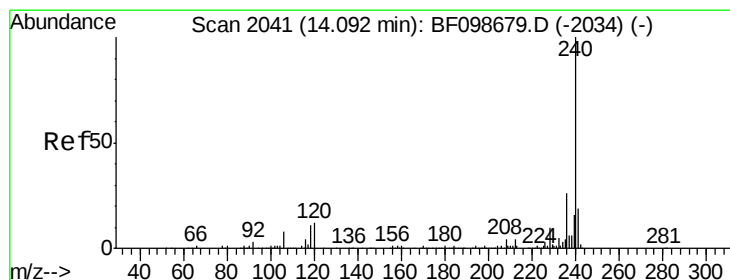
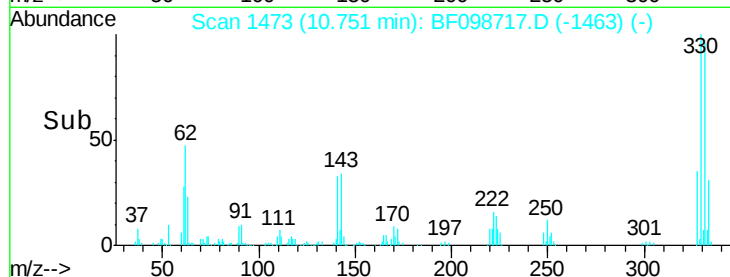
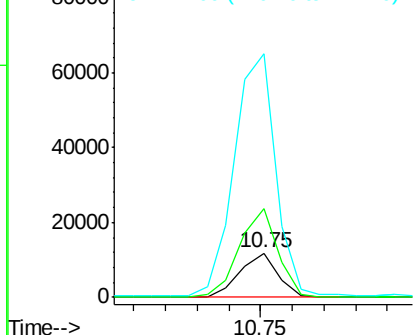
#66
 4-Bromophenyl-phenylether
 Concen: 2.74 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.24 min
 Lab File: BF098717.D
 Acq: 23 Sep 2017 1:03

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-001

Tot Ion:248 Resp: 9757
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.9 115.3#
 141 548.7 74.4 111.6#

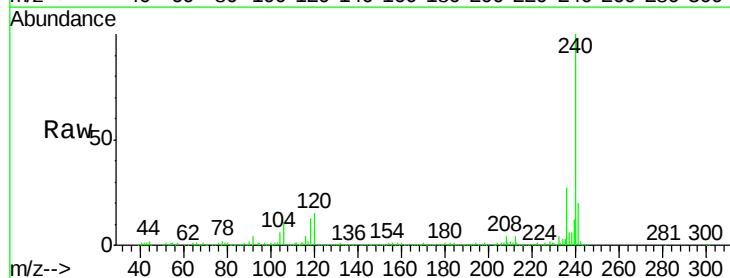


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

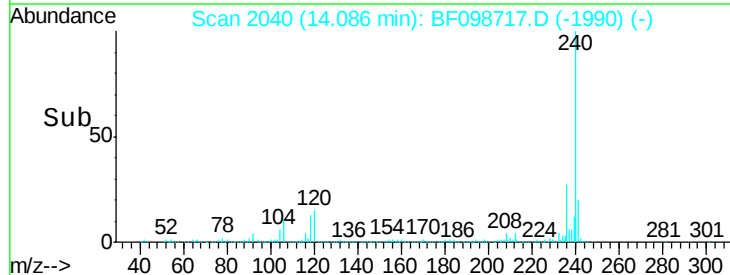
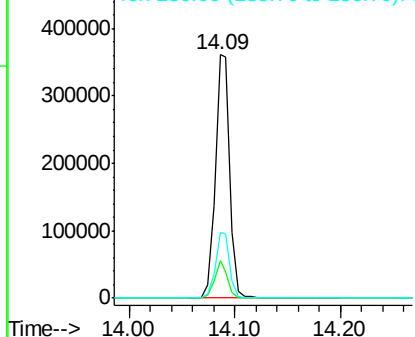


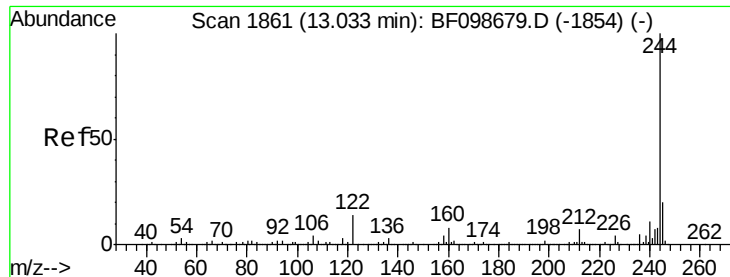
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF098717.D
 Acq: 23 Sep 2017 1:03

Tgt Ion:240 Resp: 351957
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 27.0 20.7 31.1



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

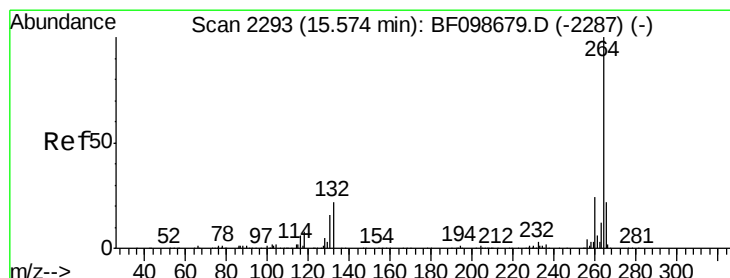
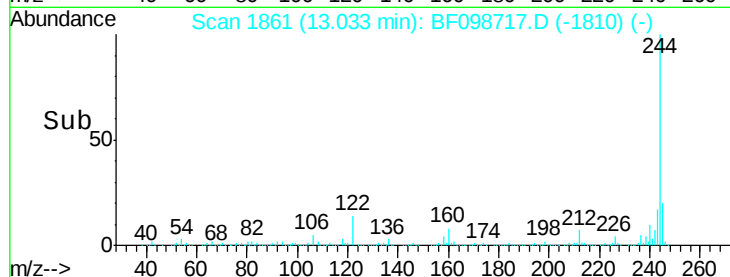
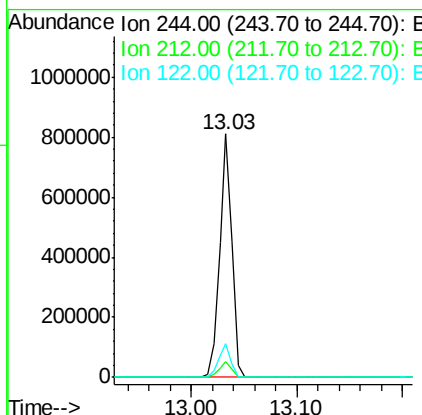
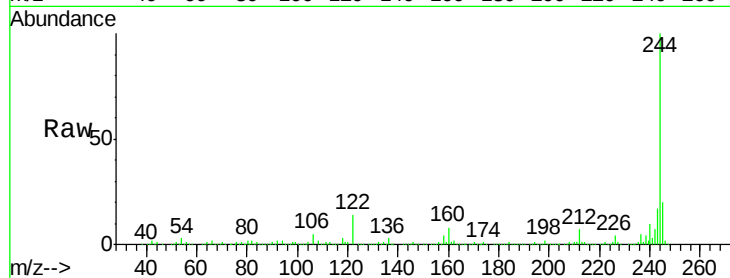




#78
 Terphenyl-d14
 Concen: 40.62 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098717.D
 Acq: 23 Sep 2017 1:03

Instrument :
 BNA_F
 ClientSampled :
 LT-TS-001

Tot Ion:244 Resp: 665773
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098717.D
 Acq: 23 Sep 2017 1:03

Tgt Ion:264 Resp: 303886
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.5 26.3

