

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092717.D
 Acq On : 1 Feb 2017 21:09
 Operator : SJ/MA
 Sample : I1597-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Quant Time: Feb 01 23:51:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

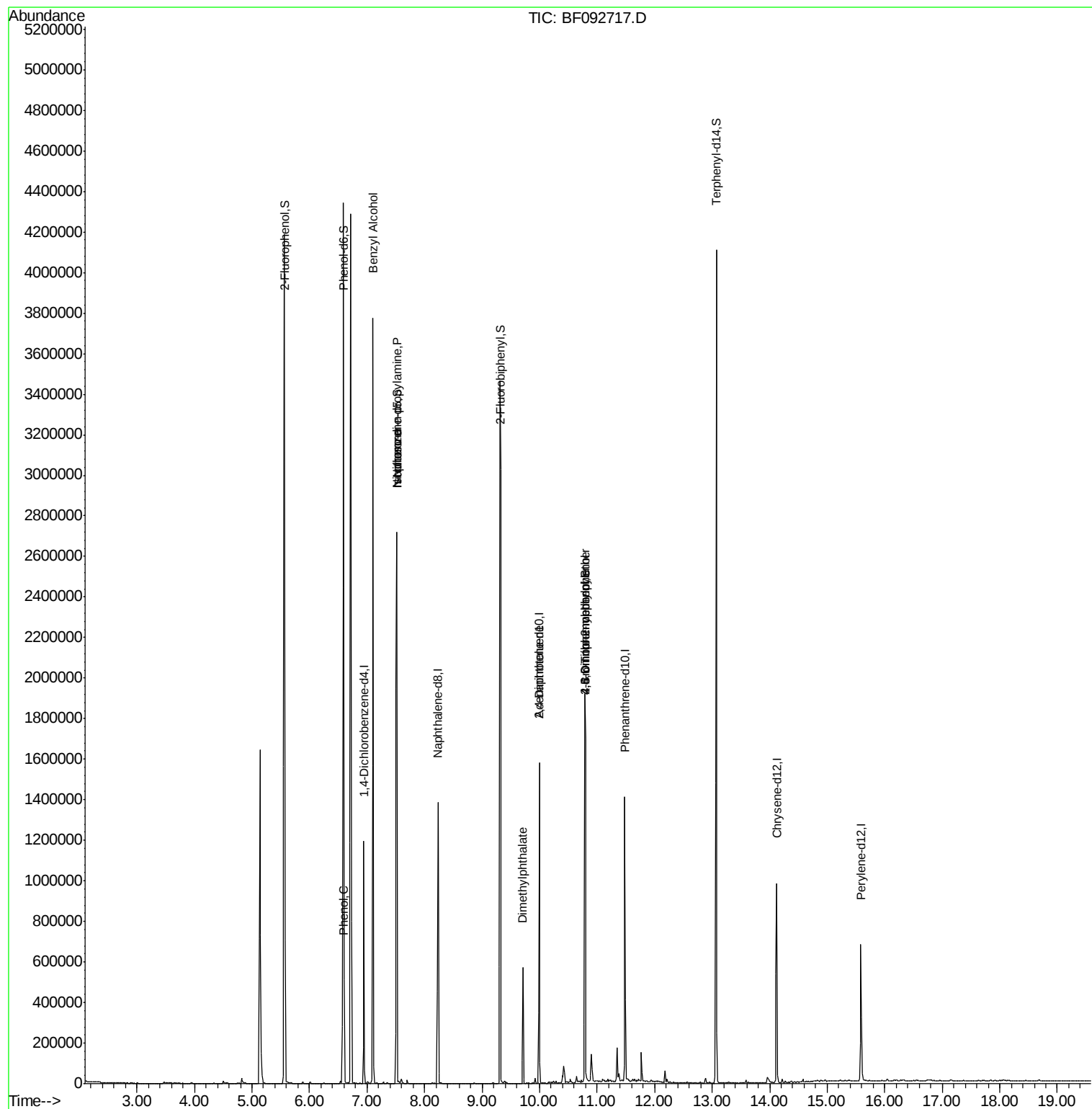
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	159117	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	635305	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	330221	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	507796	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	394116	20.00	ng	-0.02
86) Perylene-d12	15.59	264	299159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1235391	133.20	ng	-0.01
7) Phenol-d6	6.59	99	1682246	140.97	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1152869	101.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	333731	139.73	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1687151	92.56	ng	-0.01
78) Terphenyl-d14	13.07	244	1289465	76.88	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	126158	9.04	ng	# 64
15) Benzyl Alcohol	7.10	79	18484	2.09	ng	# 30
19) n-Nitroso-di-n-propylamine	7.52	70	153421	20.20	ng	# 77
25) Isophorone	7.52	82	1096586	51.58	ng	# 65
49) Dimethylphthalate	9.71	163	226498	10.18	ng	99
56) 2,4-Dinitrotoluene	10.00	165	42478	6.64	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	835	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	24596	4.64	ng	# 1

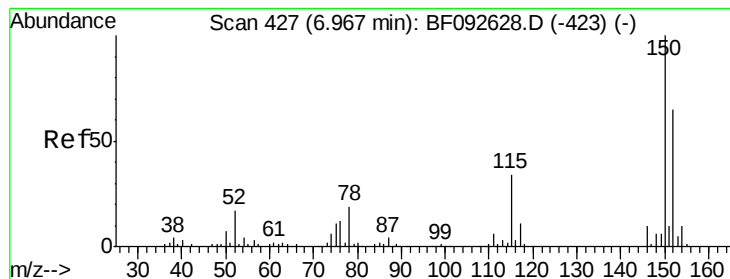
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092717.D
Acq On : 1 Feb 2017 21:09
Operator : SJ/MA
Sample : I1597-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

Quant Time: Feb 01 23:51:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

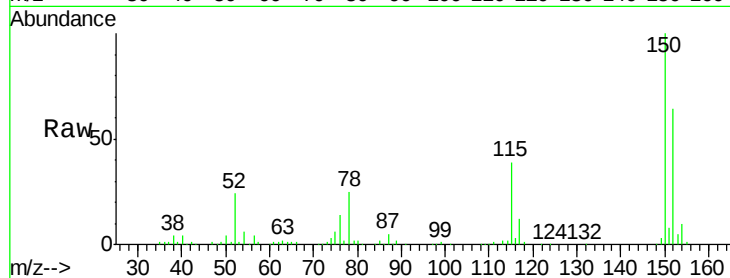
Tgt Ion:152 Resp: 159117

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

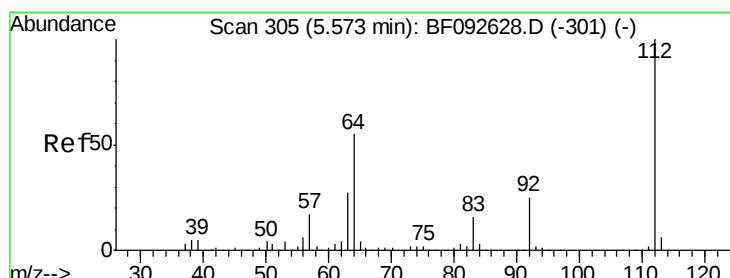
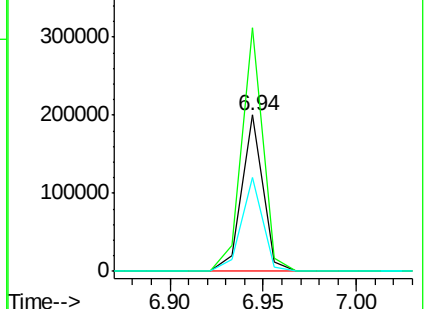
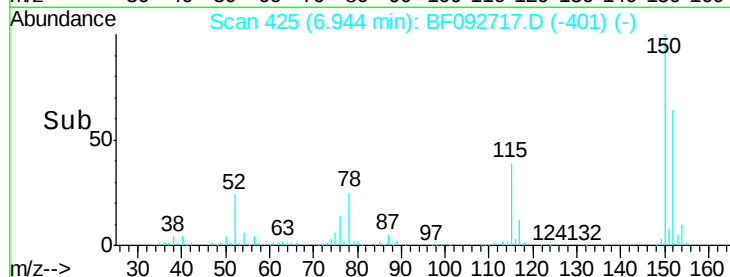
115 60.1 46.0 69.0



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: 133.20 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

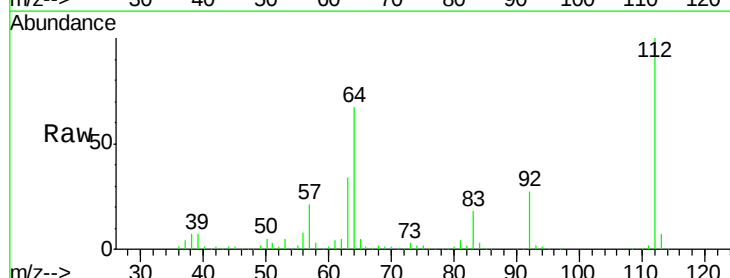
Tgt Ion:112 Resp: 1235391

Ion Ratio Lower Upper

112 100

64 67.3 46.1 69.1

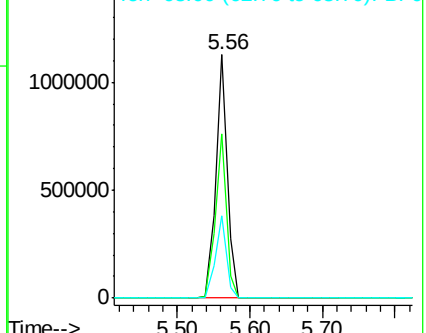
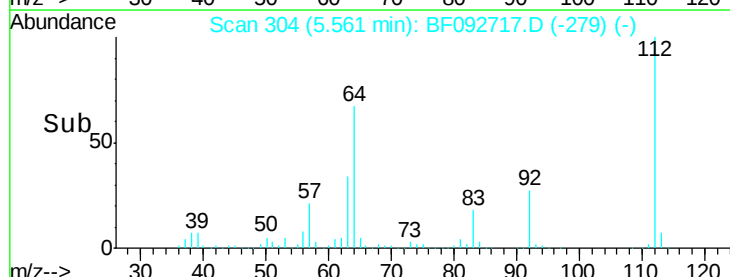
63 34.0 23.8 35.6



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: 140.97 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

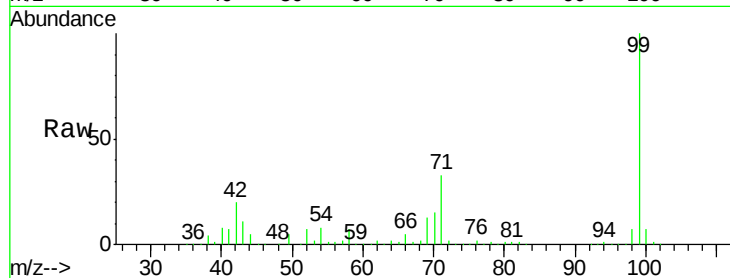
Tgt Ion: 99 Resp: 1682246

Ion Ratio Lower Upper

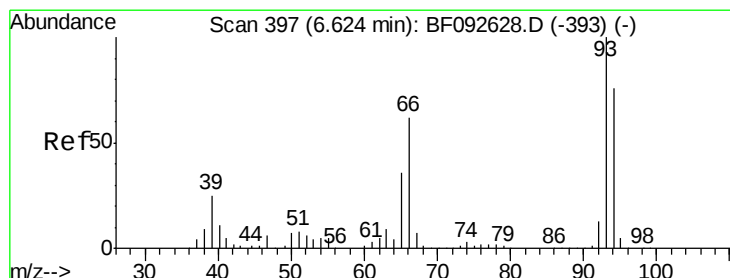
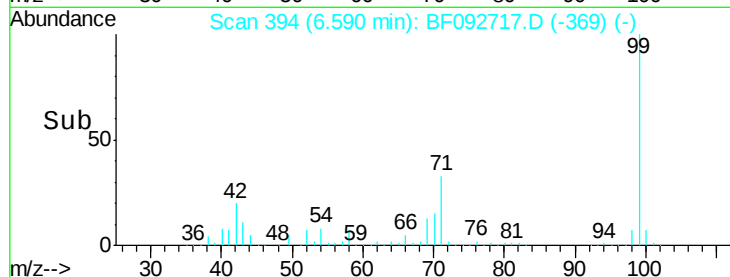
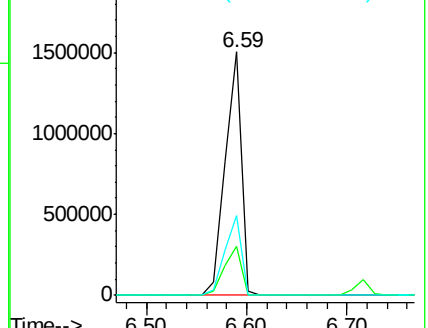
99 100

42 20.2 15.6 23.4

71 32.6 27.5 41.3



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: 9.04 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

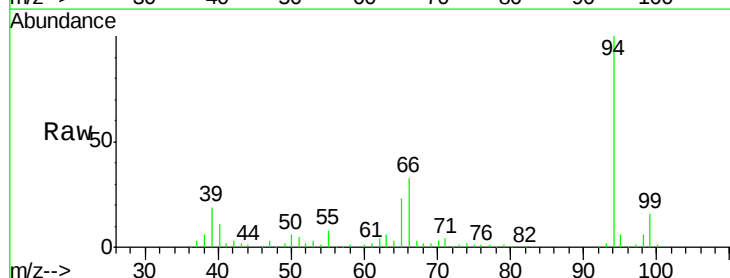
Tgt Ion: 94 Resp: 126158

Ion Ratio Lower Upper

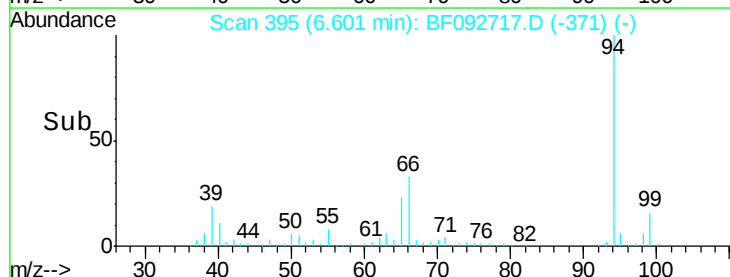
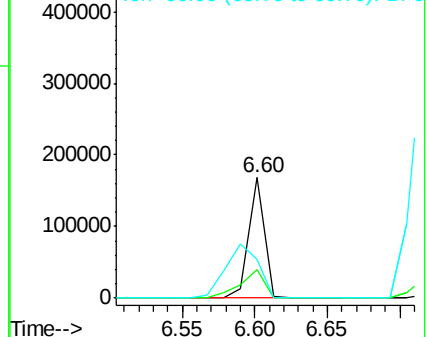
94 100

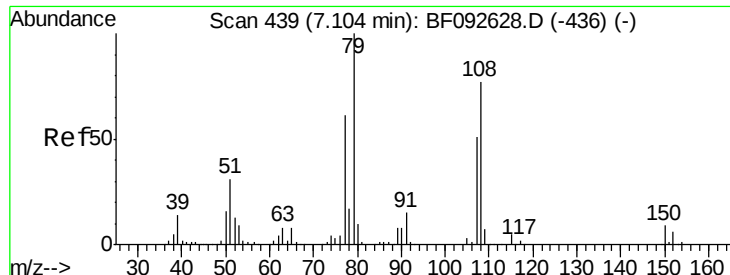
65 23.3 21.4 61.4

66 32.6 44.0 84.0#



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





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

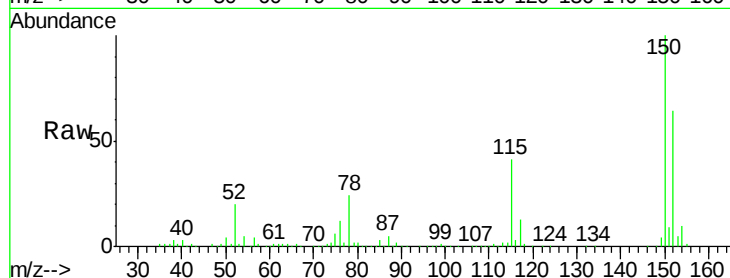
Tgt Ion: 79 Resp: 18484

Ion Ratio Lower Upper

79 100

108 29.4 61.4 92.0#

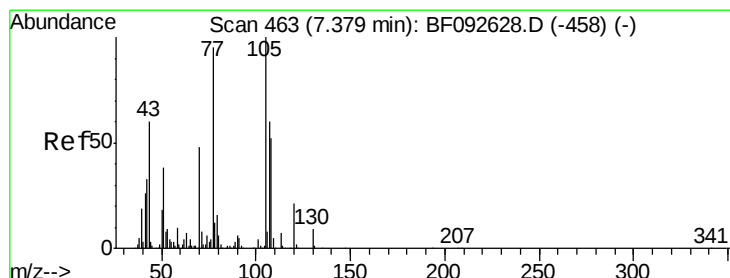
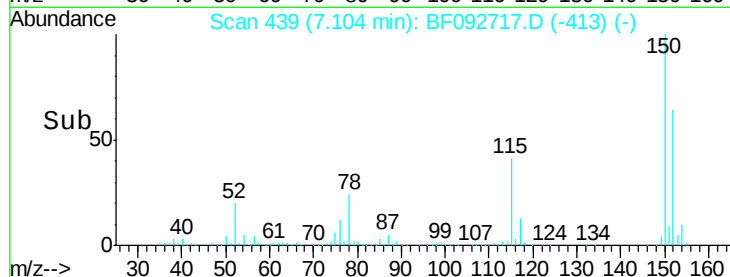
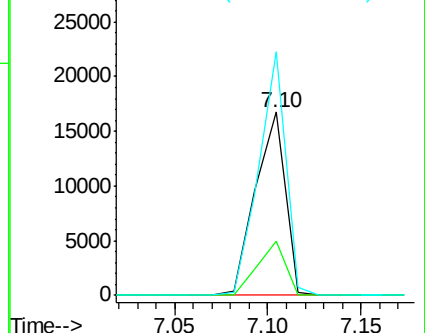
77 133.0 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.20 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

Tgt Ion: 70 Resp: 153421

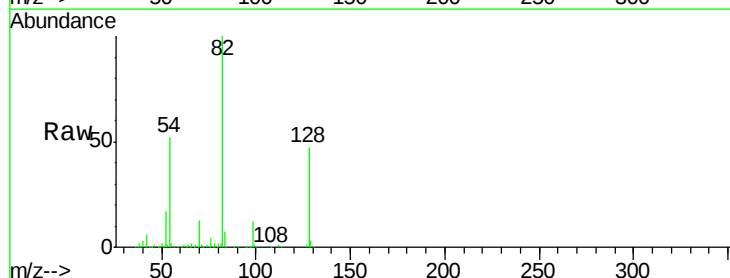
Ion Ratio Lower Upper

70 100

42 47.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

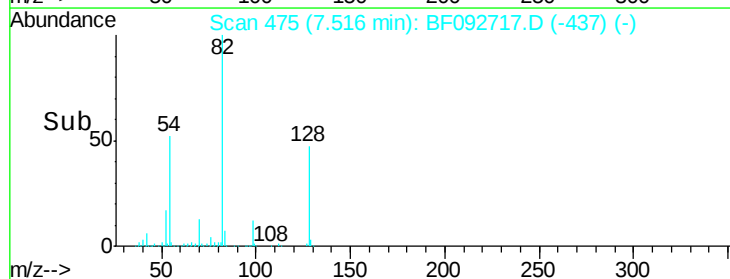
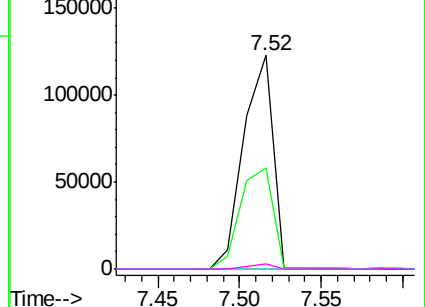


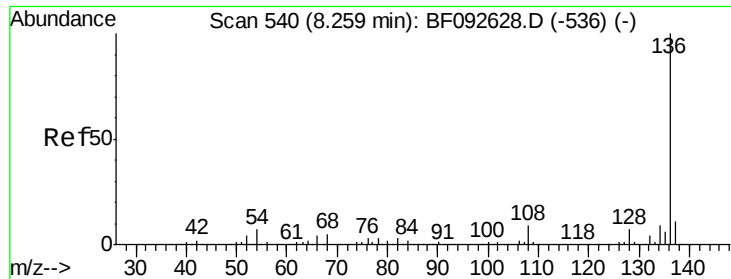
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

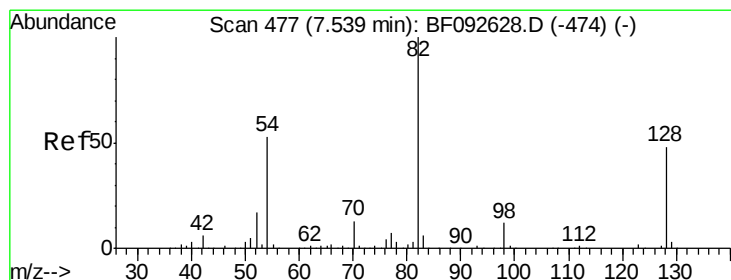
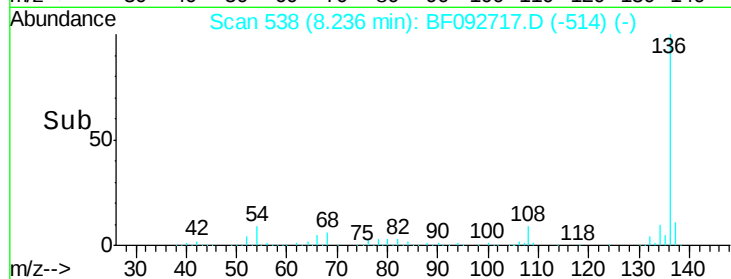
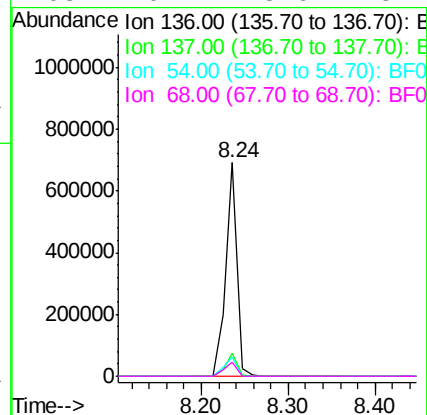
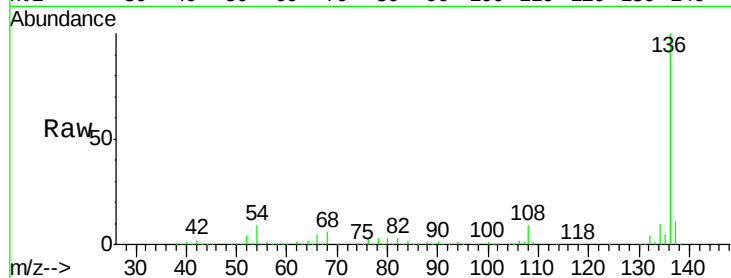




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092717.D
Acq: 1 Feb 2017 21:09

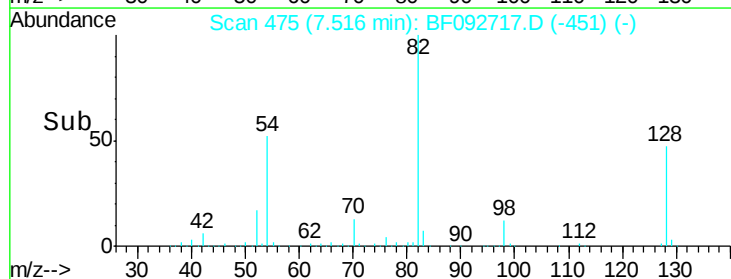
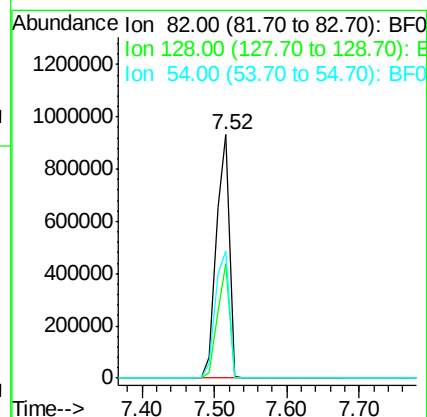
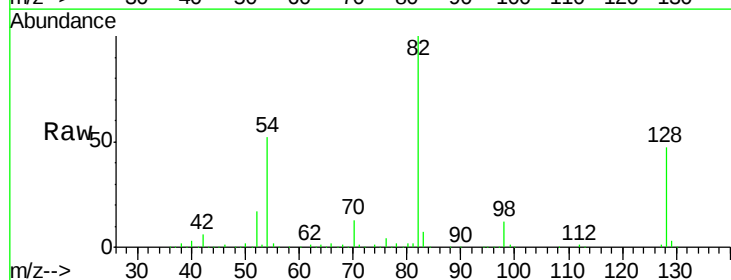
Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

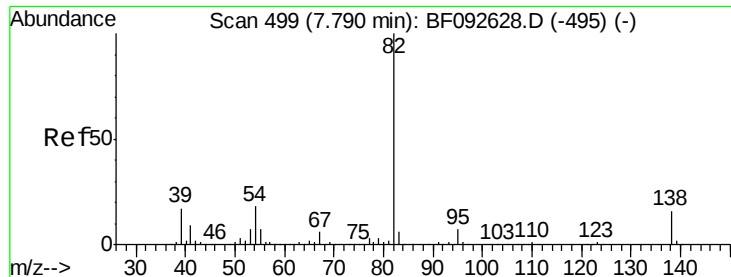
Tgt Ion:	136	Resp:	635305
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.9	4.5	6.7#
68	6.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 101.05 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092717.D
Acq: 1 Feb 2017 21:09

Tgt Ion:	82	Resp:	1152869
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.6	52.0
54	52.1	39.5	59.3





#25

Isophorone

Concen: 51.58 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

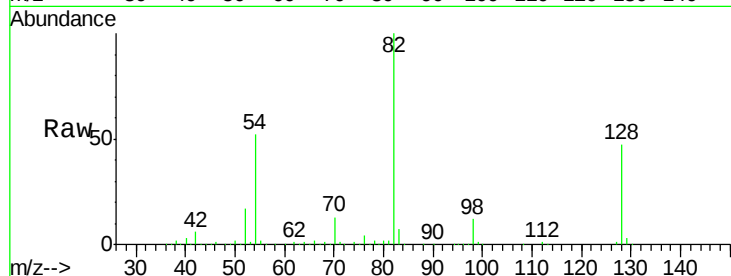
Tgt Ion: 82 Resp: 1096586

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

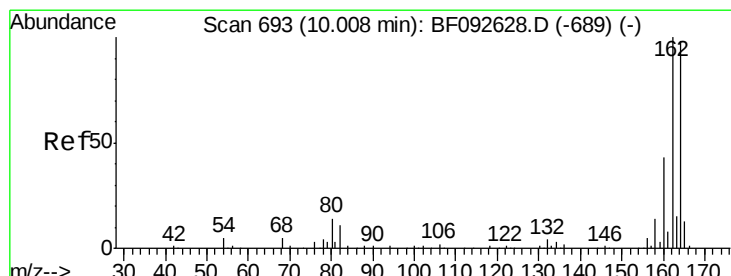
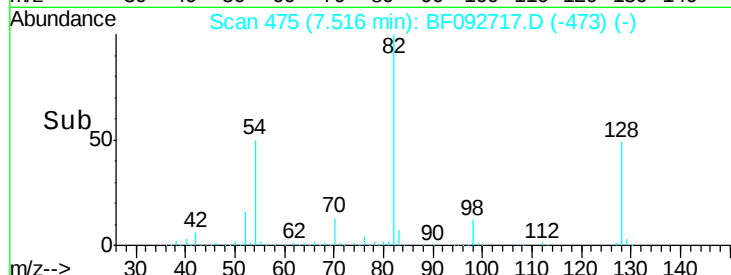
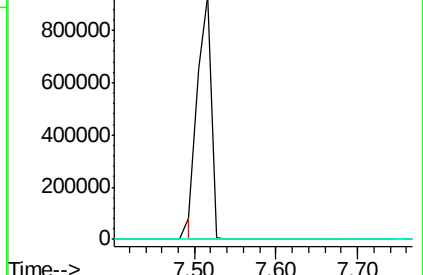
138 0.0 14.6 22.0#



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: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

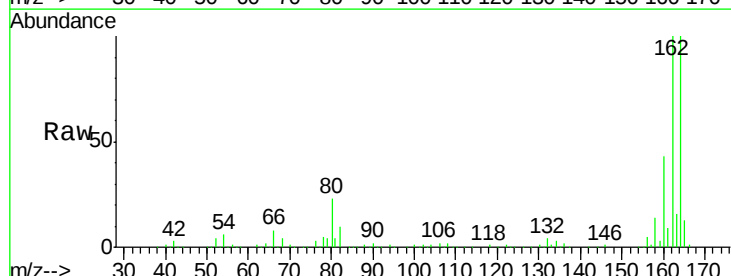
Tgt Ion: 164 Resp: 330221

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

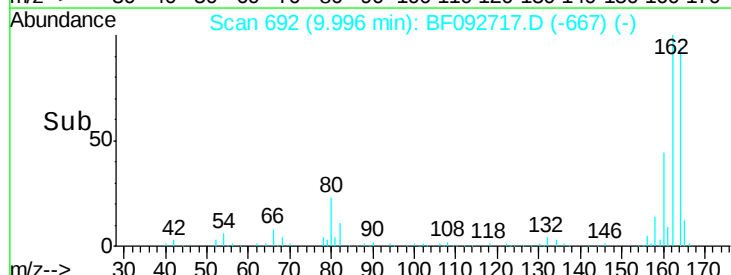
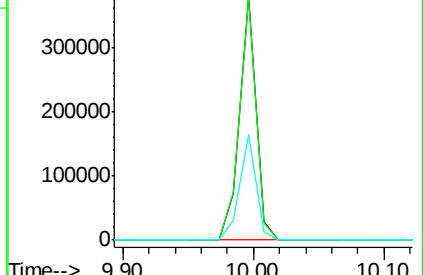
160 43.2 36.9 55.3

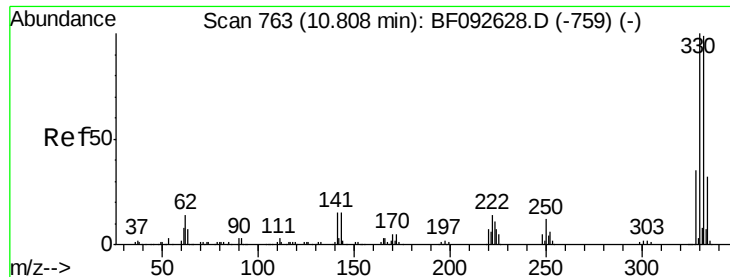


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

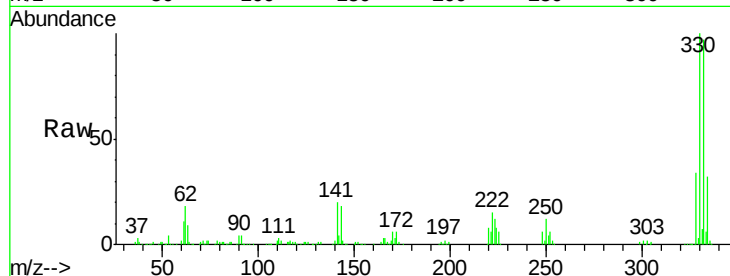




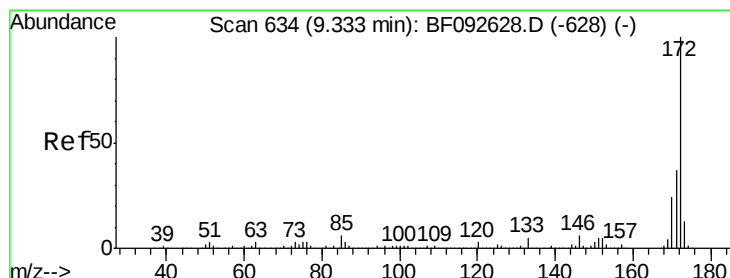
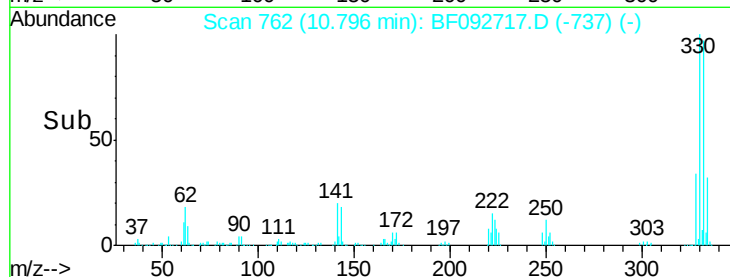
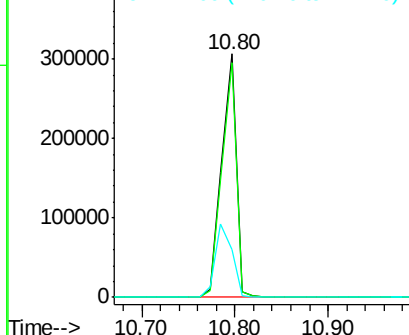
#41
 2,4,6-Tribromophenol
 Concen: 139.73 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092717.D
 Acq: 1 Feb 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Tgt Ion:330 Resp: 333731
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 34.9 34.1 51.1

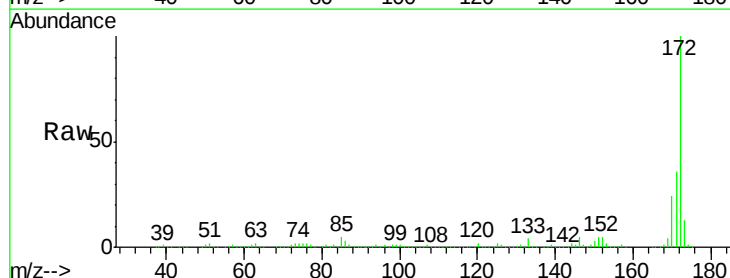


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

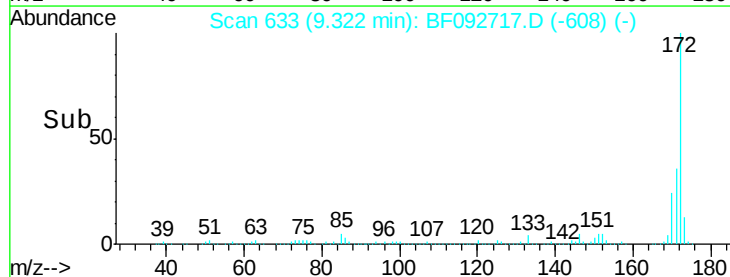
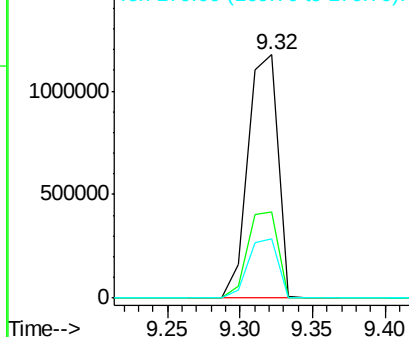


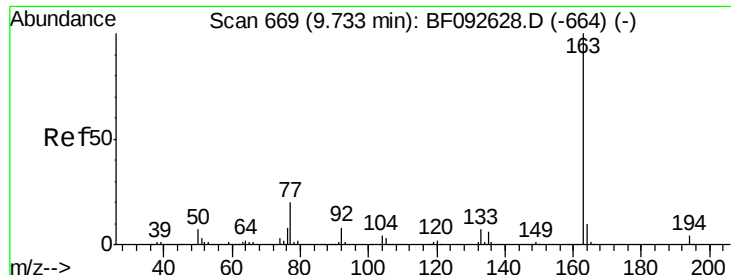
#44
 2-Fluorobiphenyl
 Concen: 92.56 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092717.D
 Acq: 1 Feb 2017 21:09

Tgt Ion:172 Resp: 1687151
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.2 20.2 30.4



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

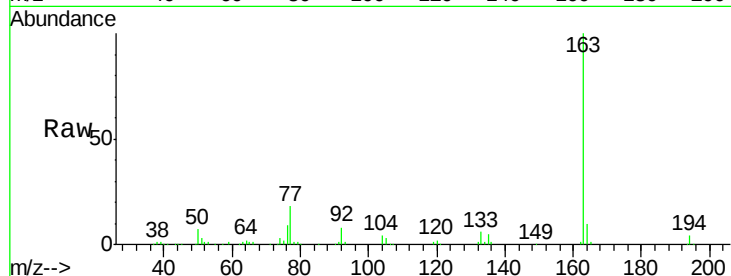




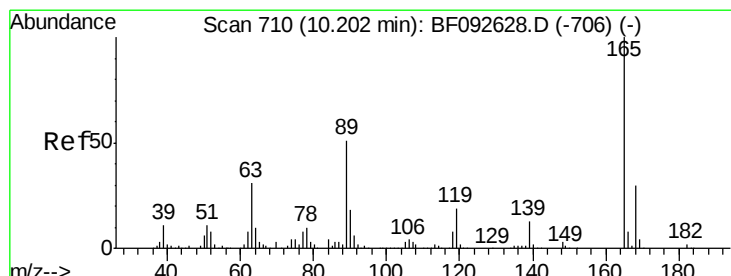
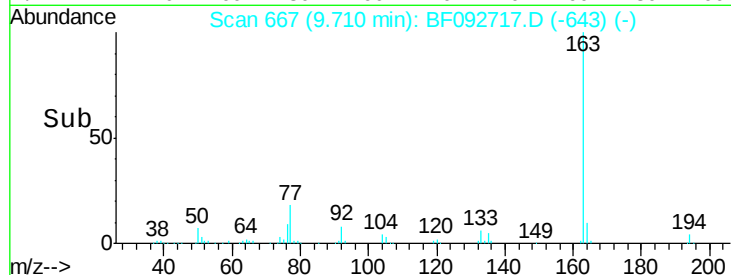
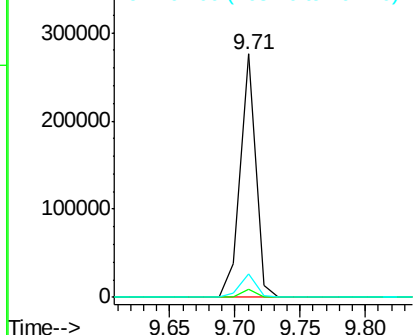
#49
Dimethylphthalate
Concen: 10.18 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092717.D
Acq: 1 Feb 2017 21:09

Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

Tgt Ion:163 Resp: 226498
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.6 8.0 12.0

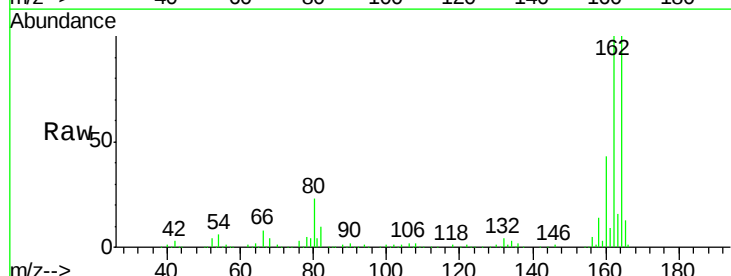


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

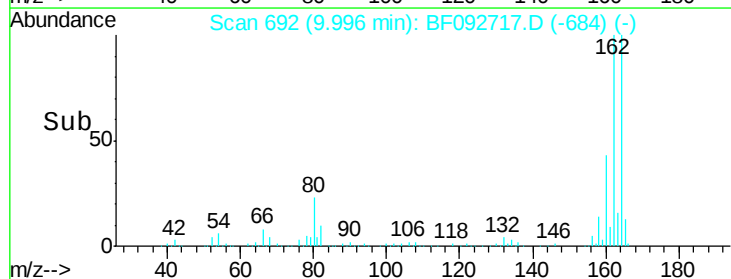
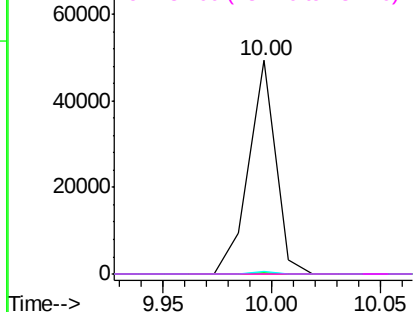


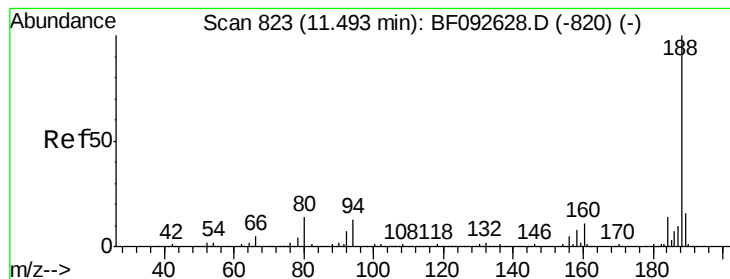
#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092717.D
Acq: 1 Feb 2017 21:09

Tgt Ion:165 Resp: 42478
Ion Ratio Lower Upper
165 100
63 0.8 40.2 60.4#
89 1.2 62.5 93.7#
182 0.0 1.8 2.8#



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: 20.00 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

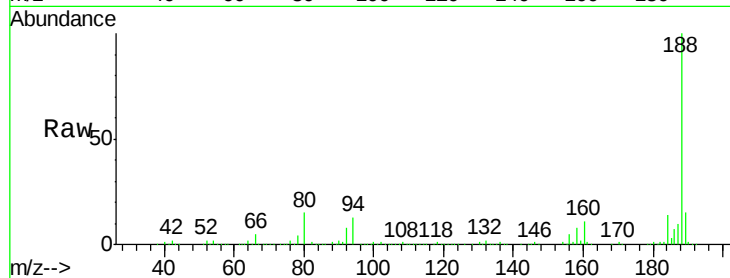
Tgt Ion:188 Resp: 507796

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

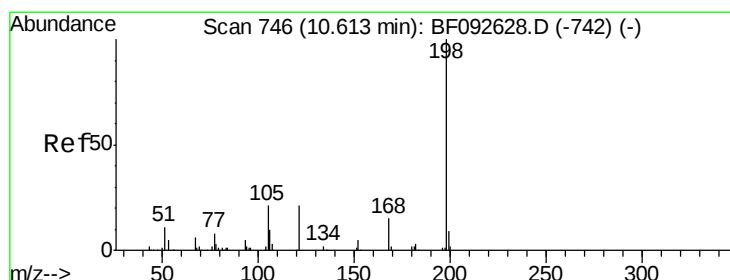
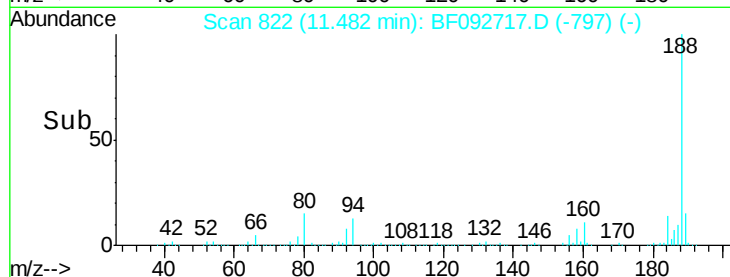
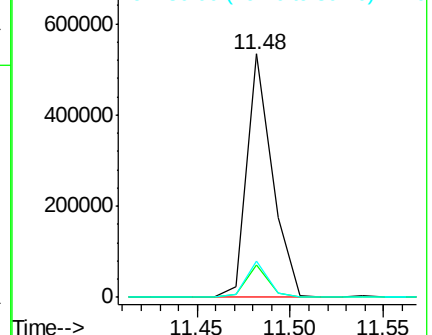
80 14.6 11.2 16.8



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: 2.92 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092717.D

Acq: 1 Feb 2017 21:09

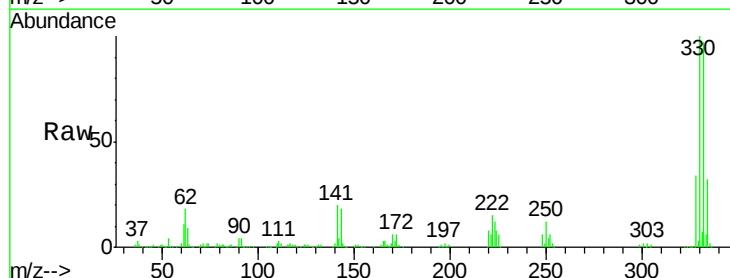
Tgt Ion:198 Resp: 835

Ion Ratio Lower Upper

198 100

51 82.8 6.7 46.7#

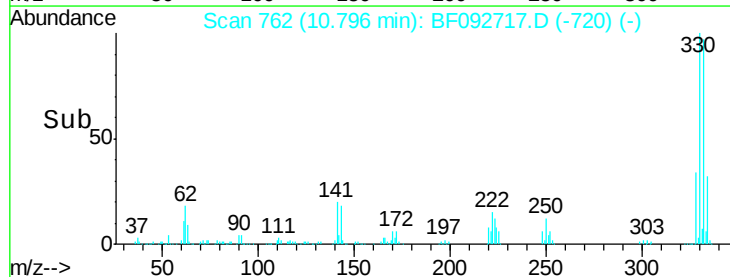
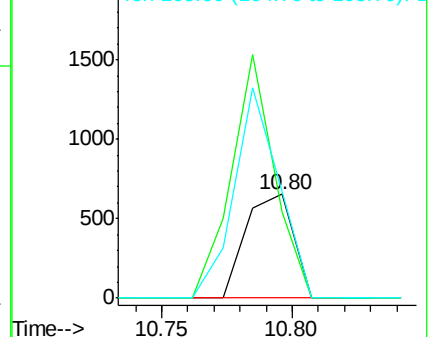
105 102.6 16.6 56.6#

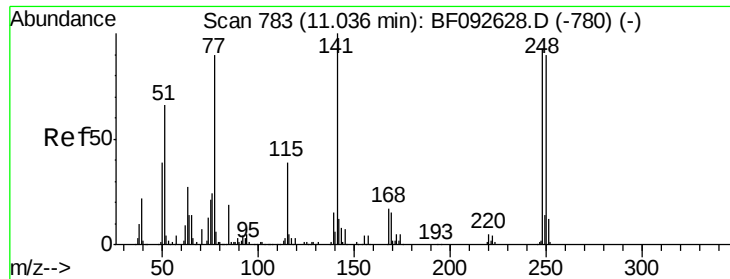


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

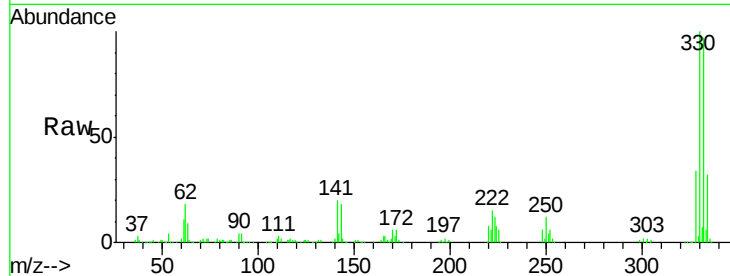




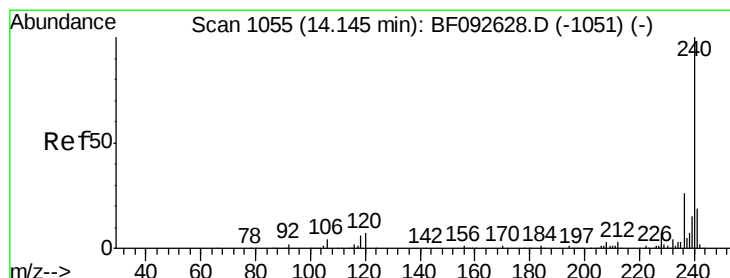
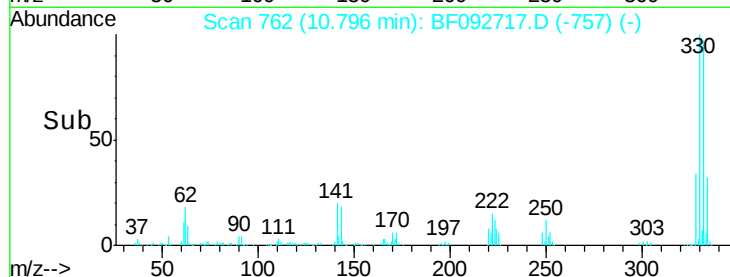
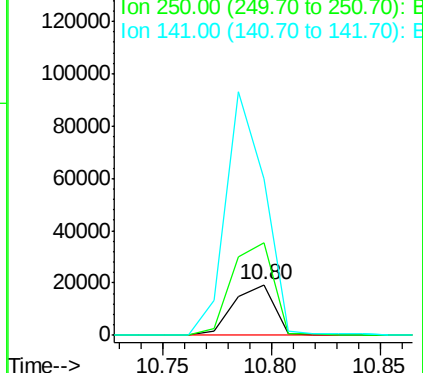
#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF092717.D
 Acq: 1 Feb 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Tgt Ion:248 Resp: 24596
 Ion Ratio Lower Upper
 248 100
 250 183.8 76.9 115.3#
 141 309.5 68.2 102.4#

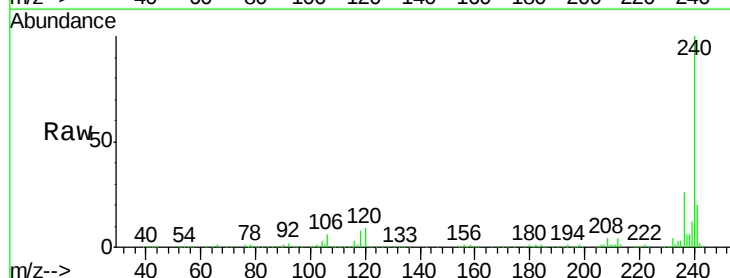


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

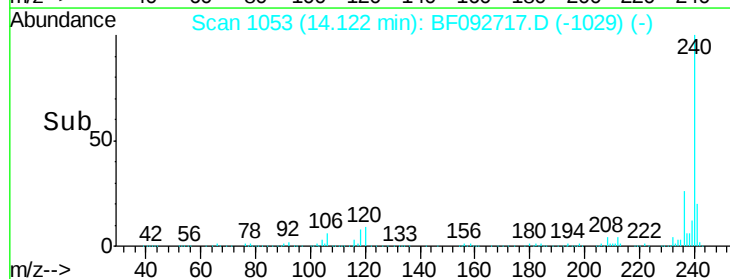
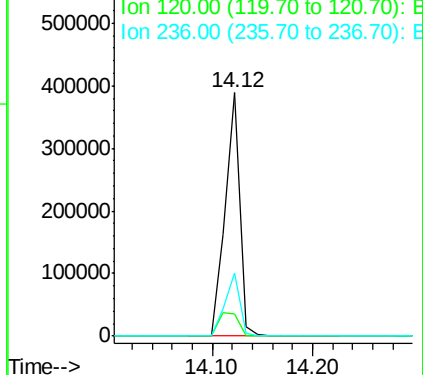


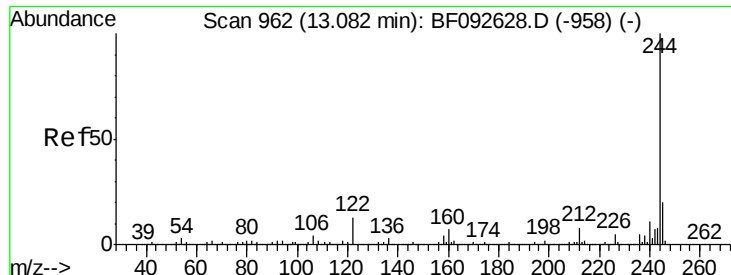
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092717.D
 Acq: 1 Feb 2017 21:09

Tgt Ion:240 Resp: 394116
 Ion Ratio Lower Upper
 240 100
 120 9.3 12.9 19.3#
 236 26.2 20.9 31.3



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

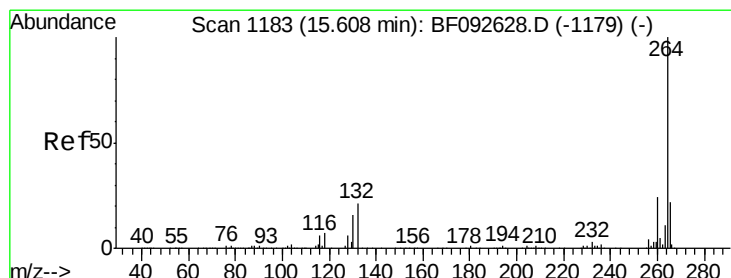
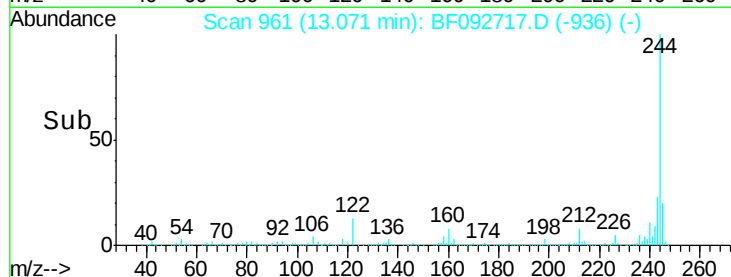
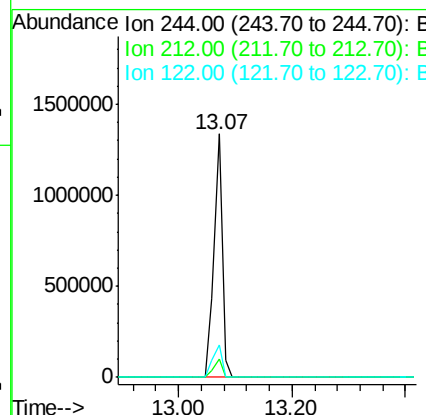
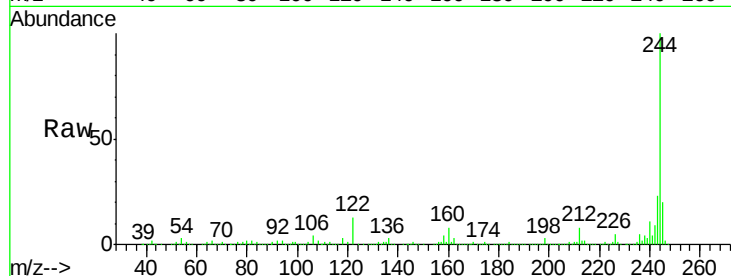




#78
 Terphenyl-d14
 Concen: 76.88 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092717.D
 Acq: 1 Feb 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Tgt Ion:244 Resp: 1289465
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092717.D
 Acq: 1 Feb 2017 21:09

Tgt Ion:264 Resp: 299159
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.2 17.4 26.0

