

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092713.D
 Acq On : 1 Feb 2017 19:20
 Operator : SJ/MA
 Sample : I1597-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-COMP

Quant Time: Feb 01 23:50:47 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

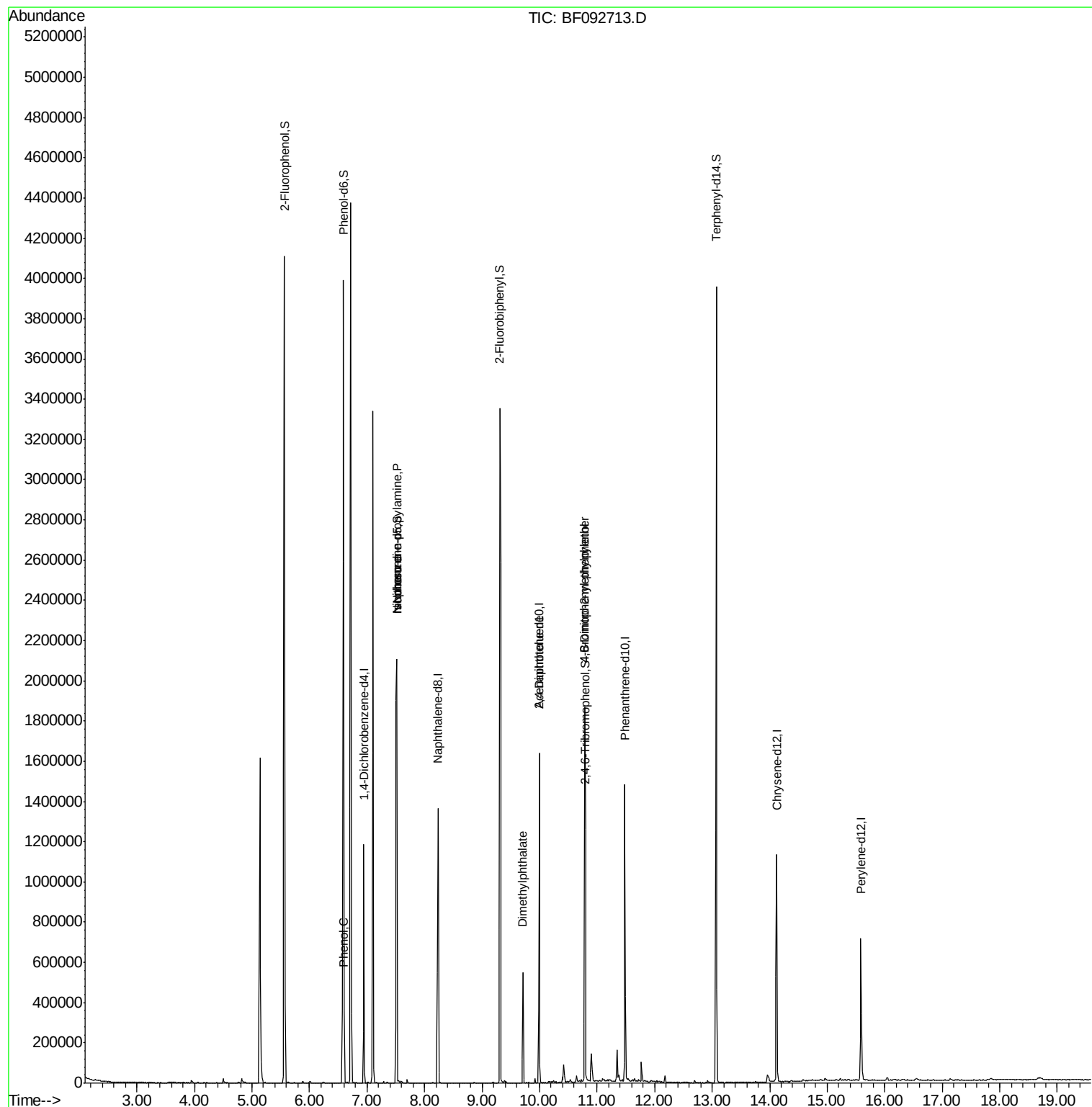
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167277	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663889	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	346374	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	544037	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	440467	20.00	ng	-0.02
86) Perylene-d12	15.59	264	319030	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1135901	116.50	ng	-0.01
7) Phenol-d6	6.59	99	1646377	131.23	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1006462	84.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	307093	122.58	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1607458	84.08	ng	-0.02
78) Terphenyl-d14	13.07	244	1271153	67.81	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	106206	7.24	ng	# 62
19) n-Nitroso-di-n-propylamine	7.52	70	131374	16.45	ng	# 77
25) Isophorone	7.52	82	945136	42.54	ng	# 65
49) Dimethylphthalate	9.71	163	224089	9.61	ng	100
56) 2,4-Dinitrotoluene	10.00	165	44563	6.64	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	669	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	20779	3.66	ng	# 1

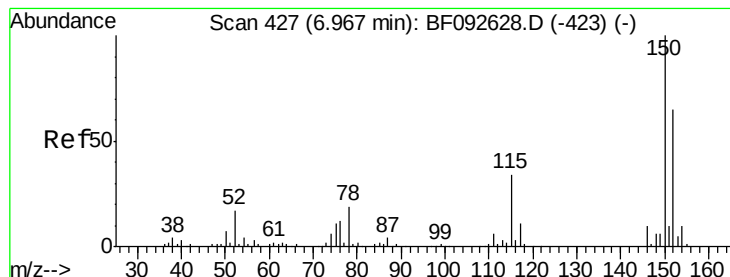
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092713.D
Acq On : 1 Feb 2017 19:20
Operator : SJ/MA
Sample : I1597-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Quant Time: Feb 01 23:50:47 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: BF092713.D

Acq: 1 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

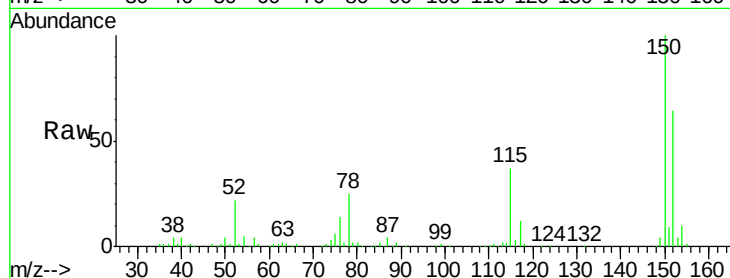
Tgt Ion:152 Resp: 167277

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

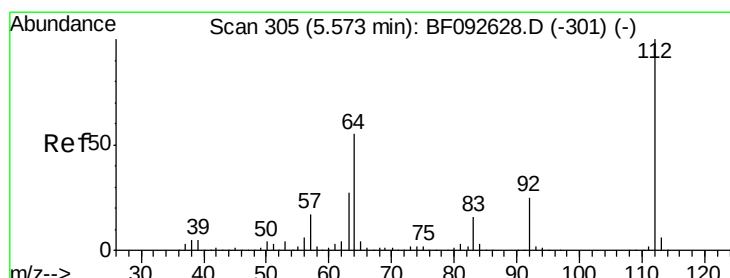
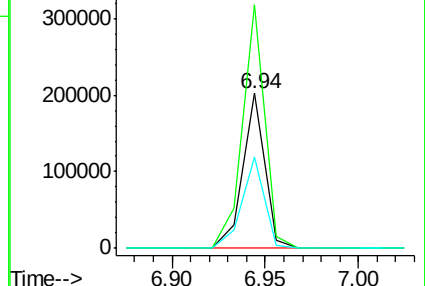
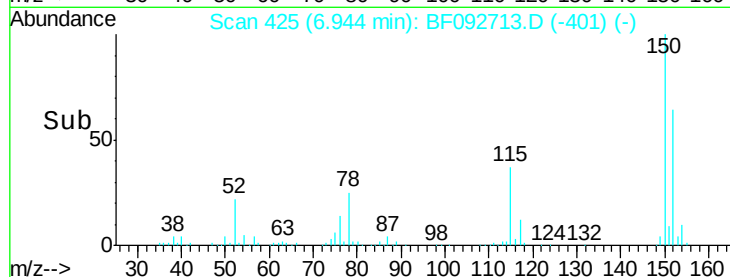
115 58.8 46.0 69.0



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: 116.50 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

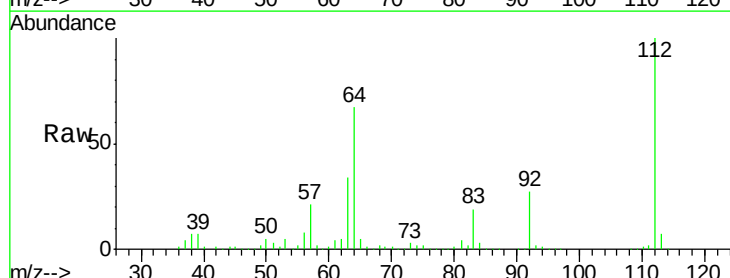
Tgt Ion:112 Resp: 1135901

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

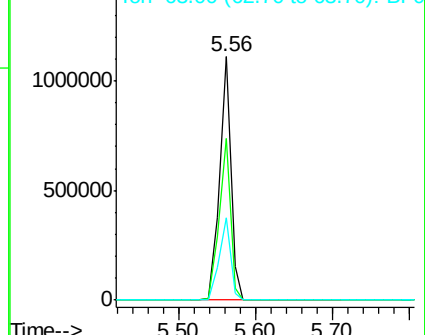
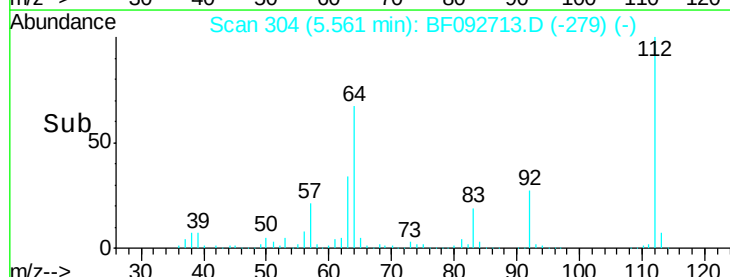
63 33.9 23.8 35.6

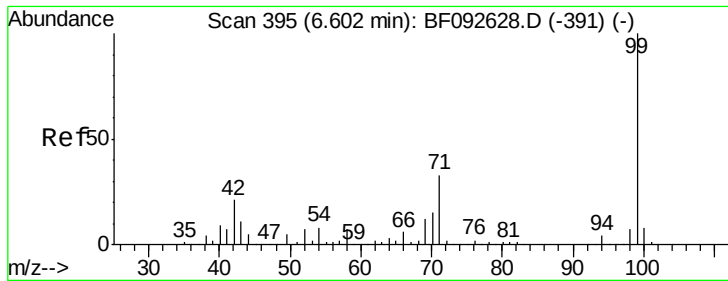


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.23 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

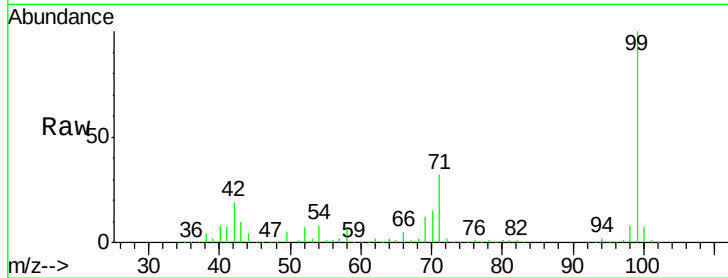
Tgt Ion: 99 Resp: 1646377

Ion Ratio Lower Upper

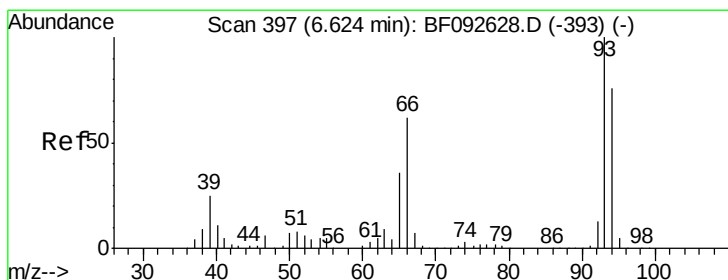
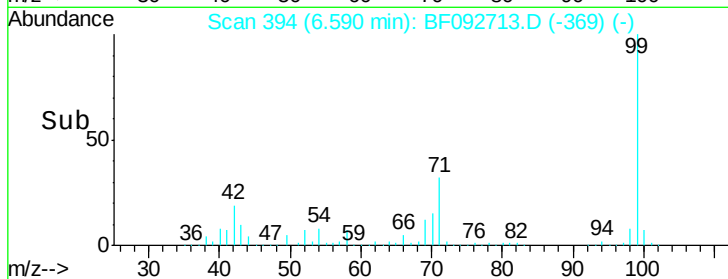
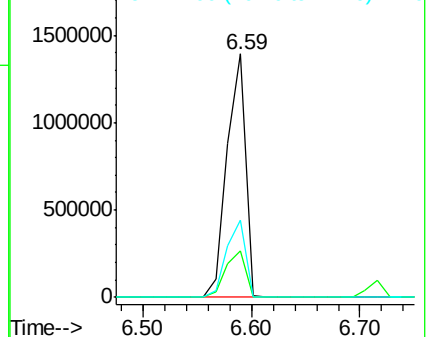
99 100

42 19.1 15.6 23.4

71 31.5 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: 7.24 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

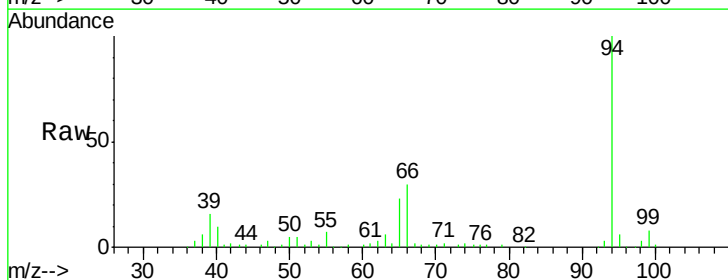
Tgt Ion: 94 Resp: 106206

Ion Ratio Lower Upper

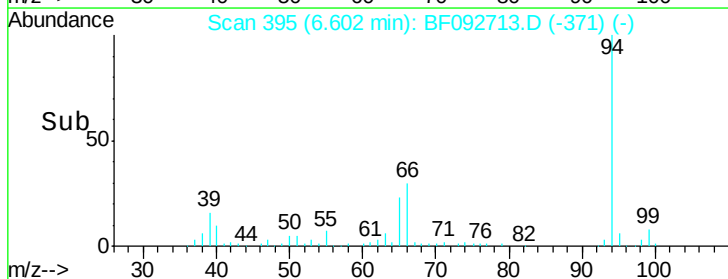
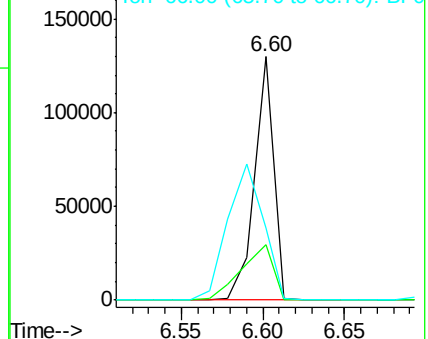
94 100

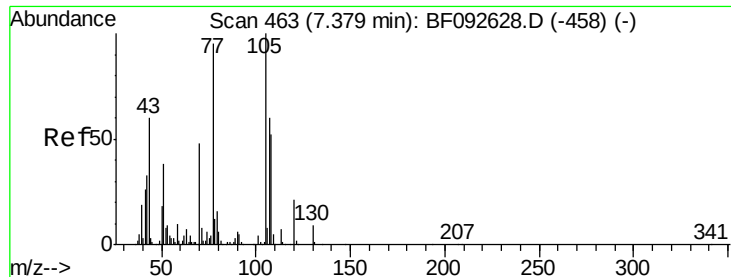
65 23.0 21.4 61.4

66 29.6 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

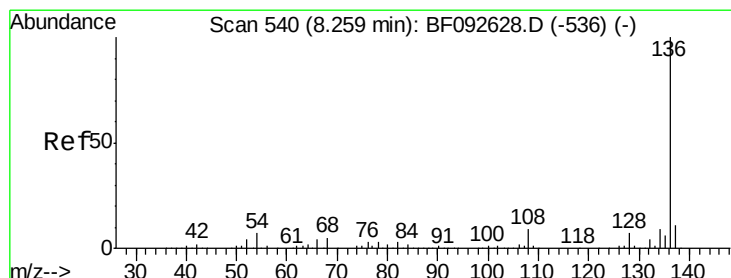
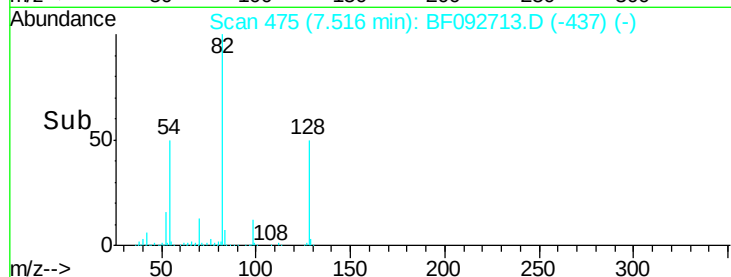
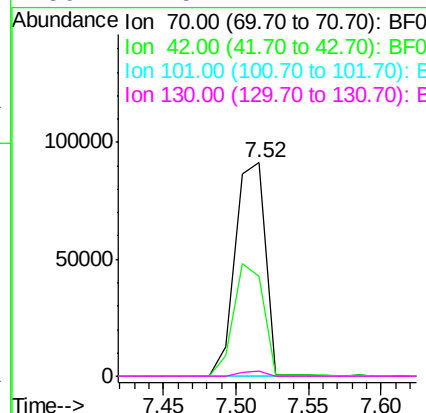
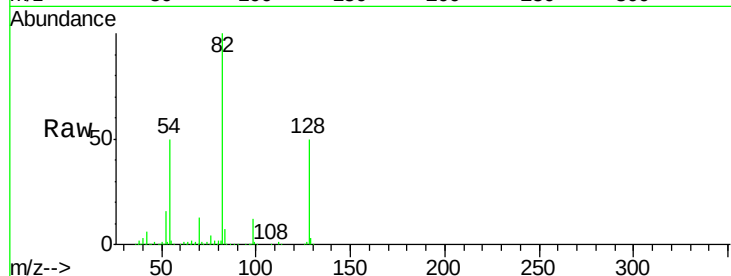




#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

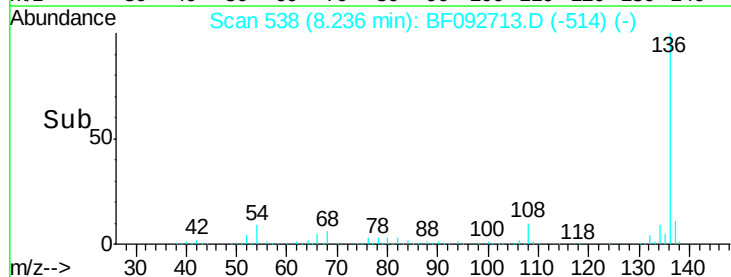
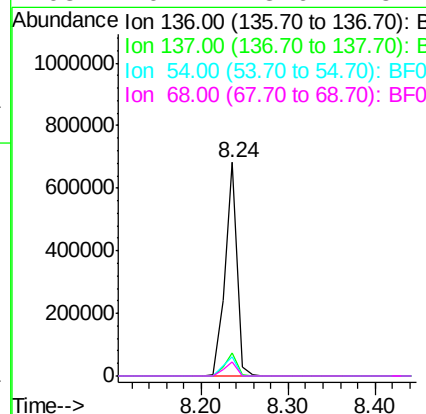
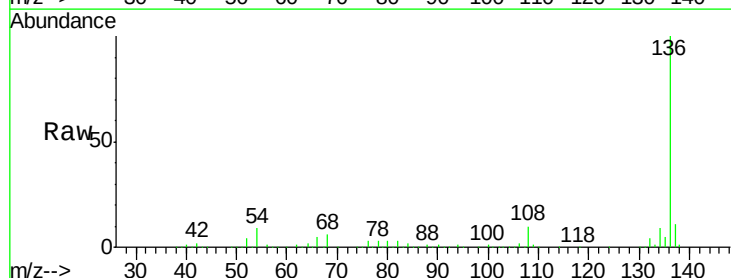
Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

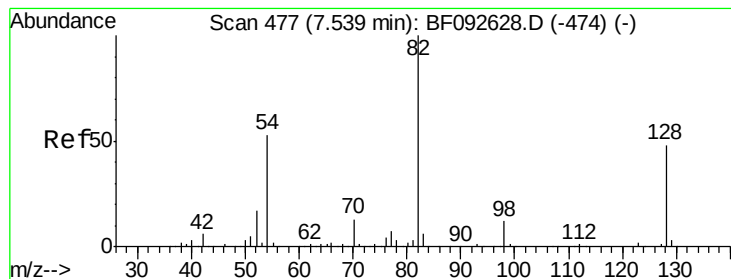
Tgt Ion: 70 Resp: 131374
Ion Ratio Lower Upper
70 100
42 46.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

Tgt Ion: 136 Resp: 663889
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.0 4.5 6.7#
68 6.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 84.42 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

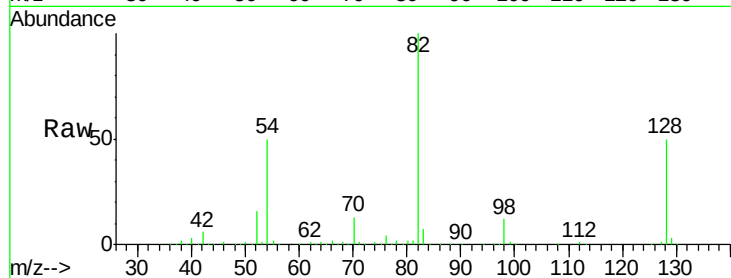
Tgt Ion: 82 Resp: 1006462

Ion Ratio Lower Upper

82 100

128 49.9 34.6 52.0

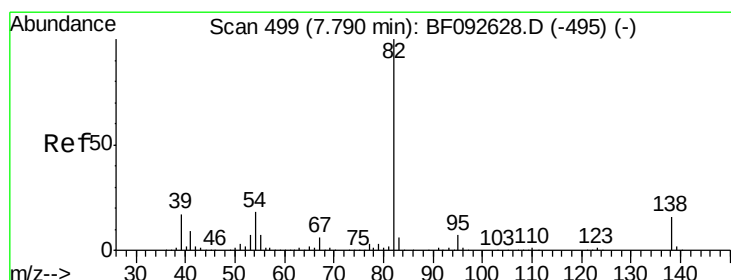
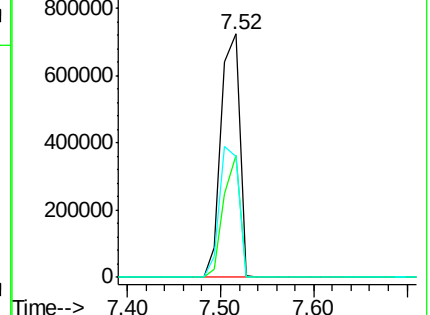
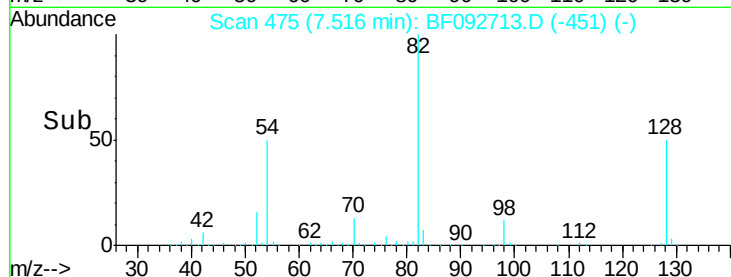
54 49.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 42.54 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

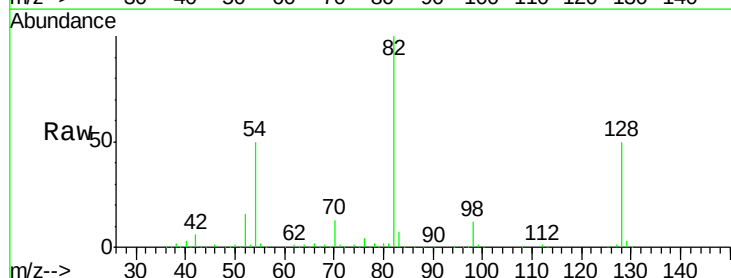
Tgt Ion: 82 Resp: 945136

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

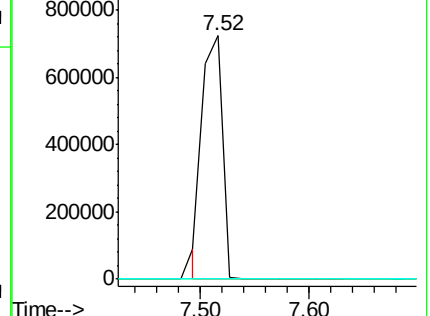
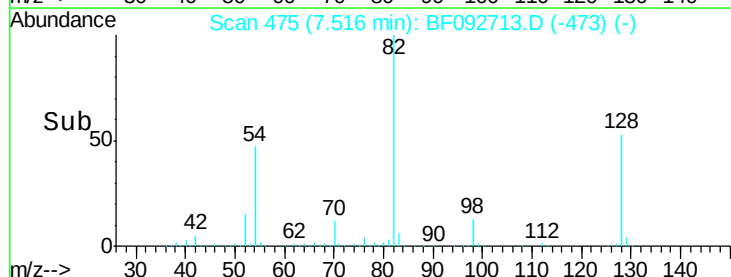
138 0.0 14.6 22.0#

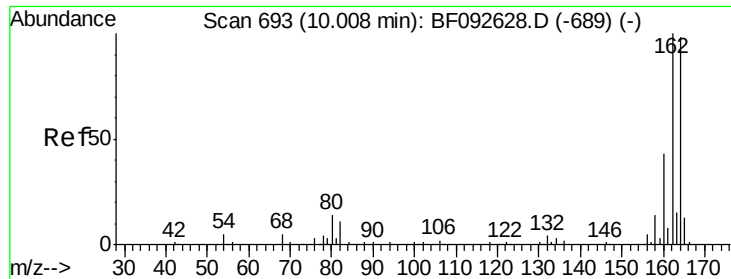


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

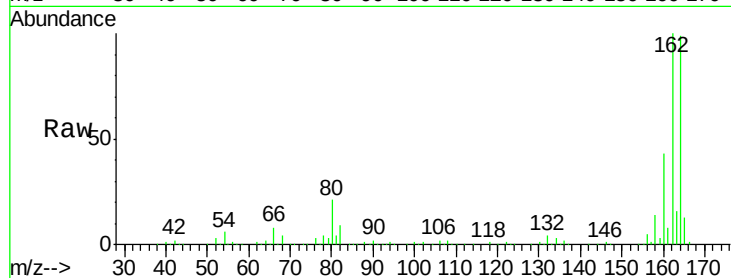
Tgt Ion:164 Resp: 346374

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

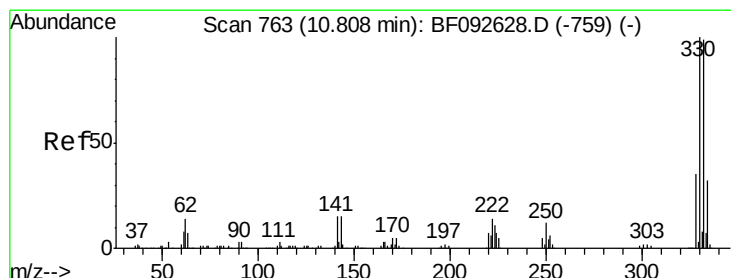
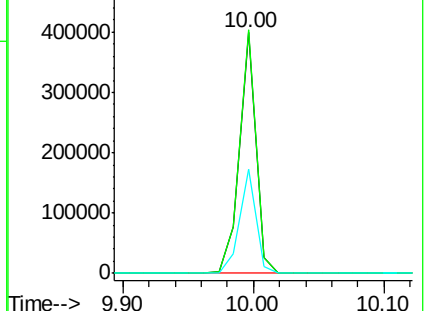
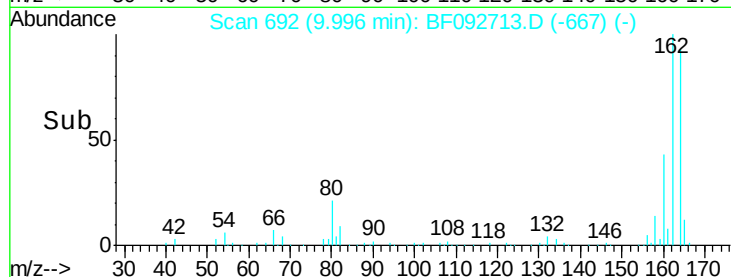
160 43.0 36.9 55.3



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: 122.58 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

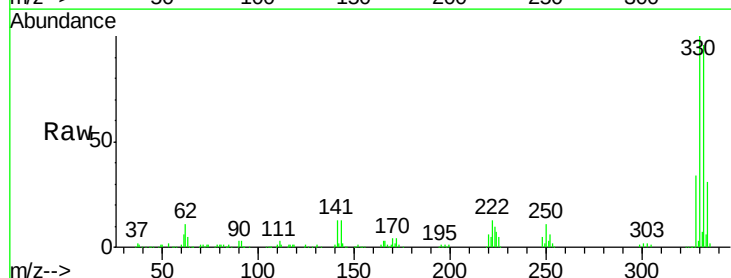
Tgt Ion:330 Resp: 307093

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

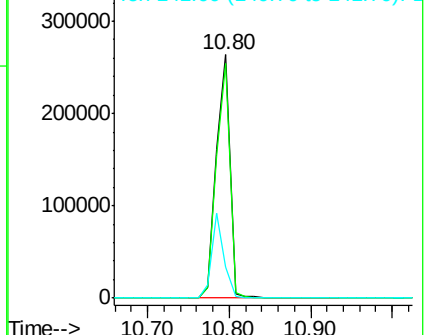
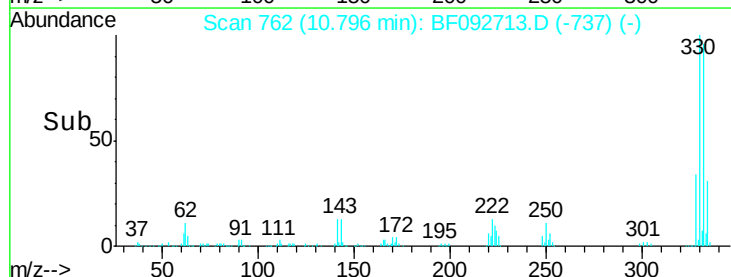
141 32.1 34.1 51.1#

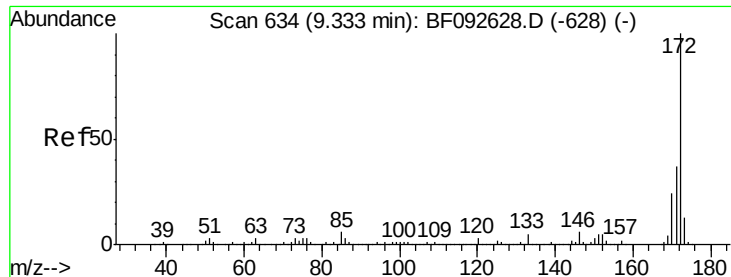


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

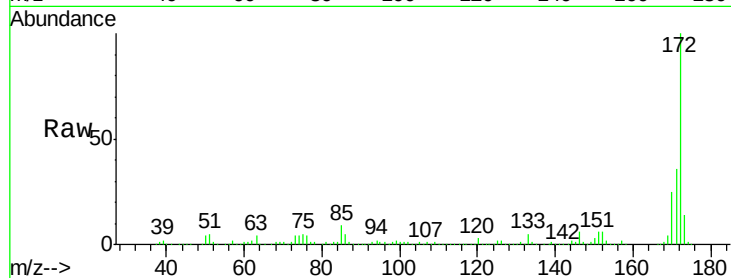




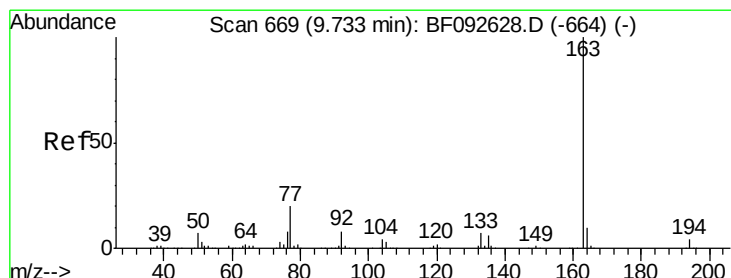
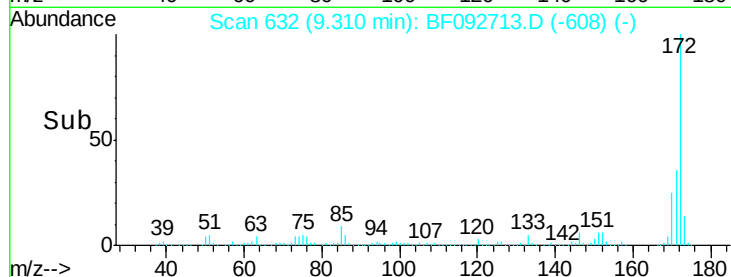
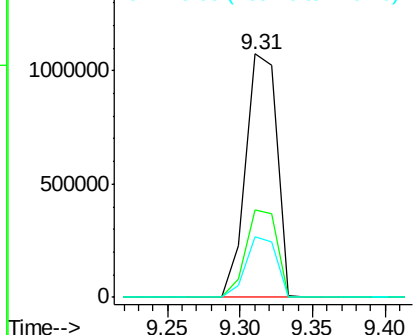
#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion:172 Resp: 1607458
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.7 20.2 30.4

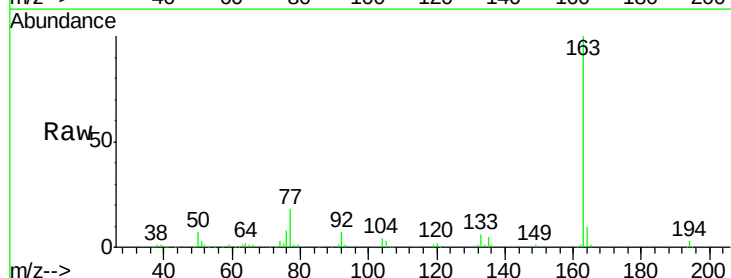


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

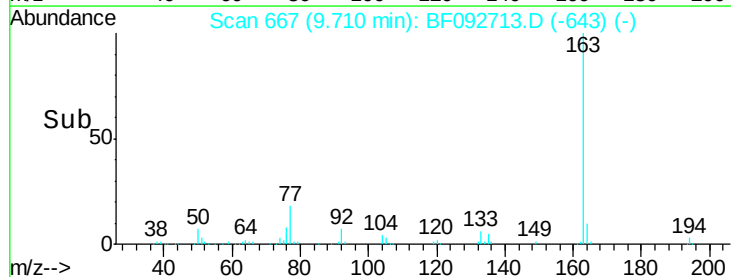
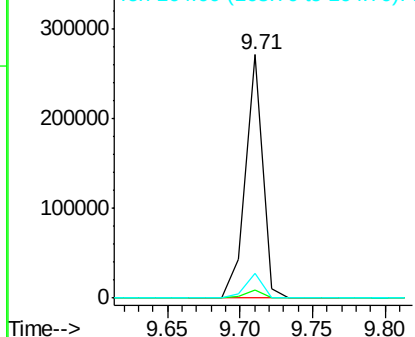


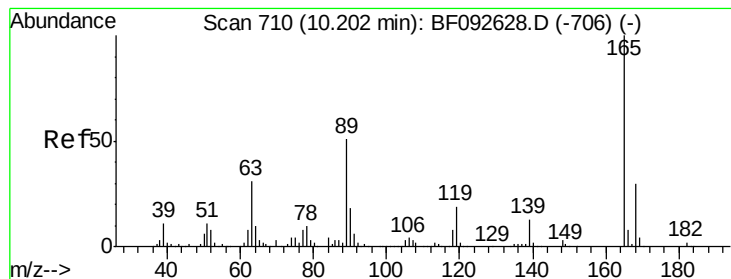
#49
Dimethylphthalate
Concen: 9.61 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

Tgt Ion:163 Resp: 224089
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.9 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: BF092713.D

Acq: 1 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

Tgt Ion:165 Resp: 44563

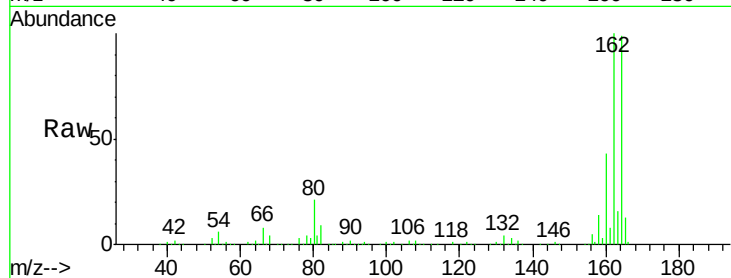
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

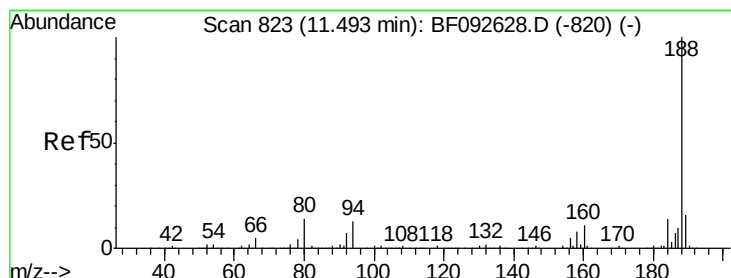
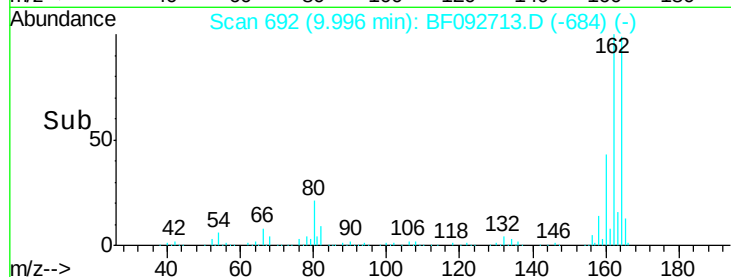
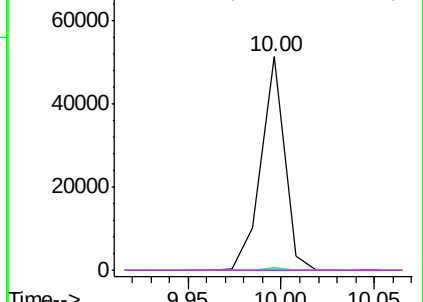


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF092713.D

Acq: 1 Feb 2017 19:20

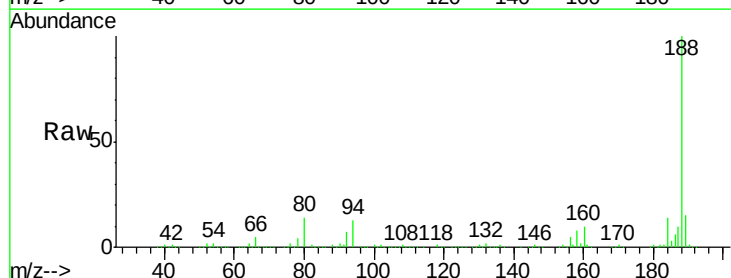
Tgt Ion:188 Resp: 544037

Ion Ratio Lower Upper

188 100

94 13.1 10.0 15.0

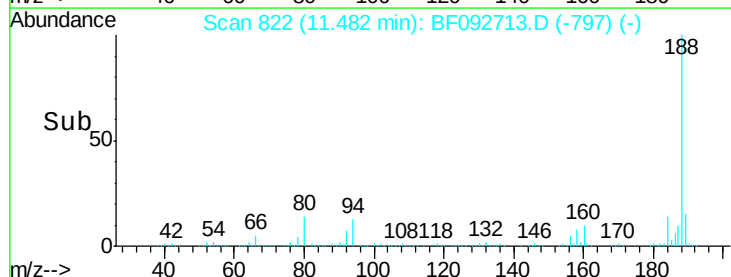
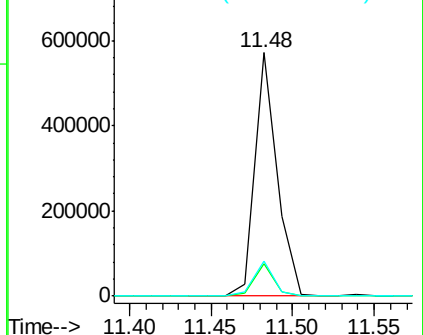
80 14.5 11.2 16.8

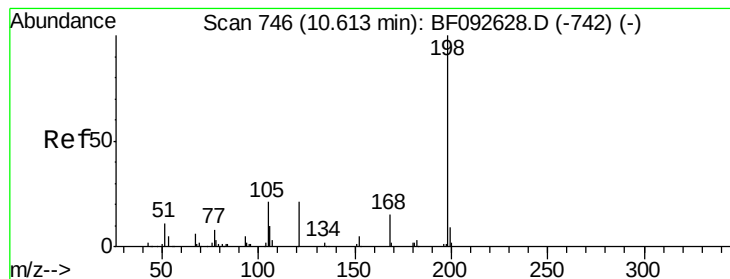


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.86 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-25-COMP

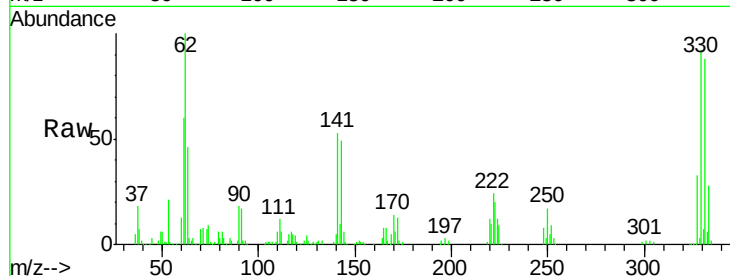
Tgt Ion:198 Resp: 669

Ion Ratio Lower Upper

198 100

51 237.7 6.7 46.7#

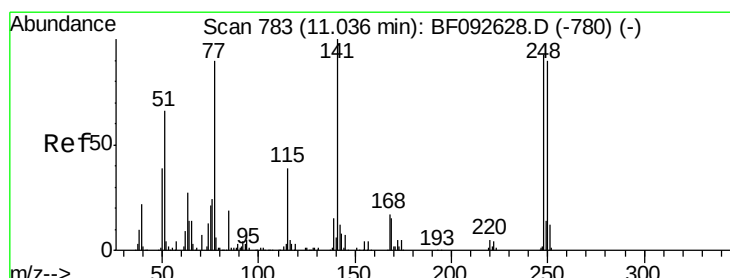
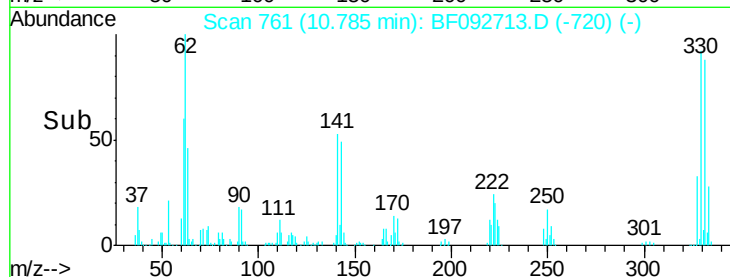
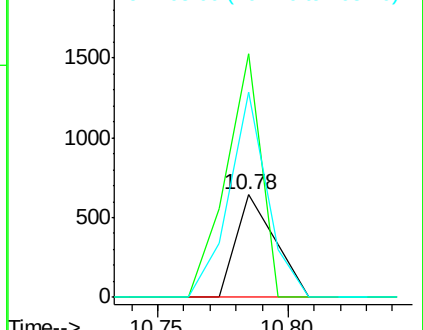
105 200.0 16.6 56.6#



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: 3.66 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092713.D

Acq: 1 Feb 2017 19:20

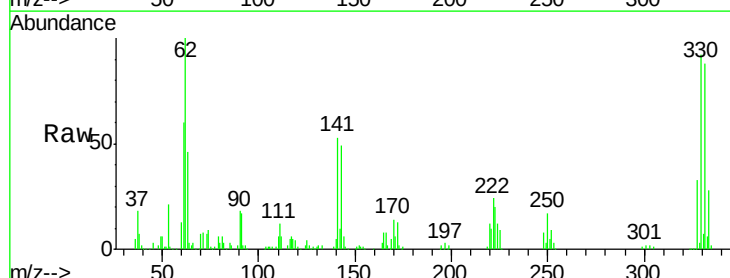
Tgt Ion:248 Resp: 20779

Ion Ratio Lower Upper

248 100

250 212.7 76.9 115.3#

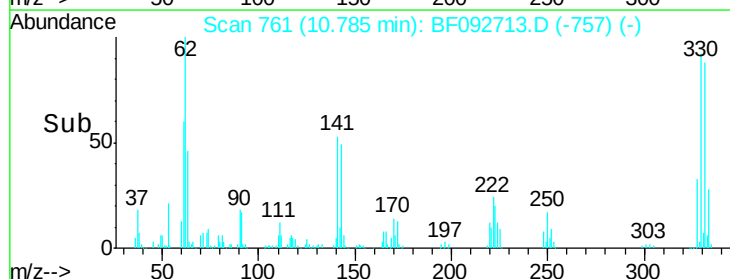
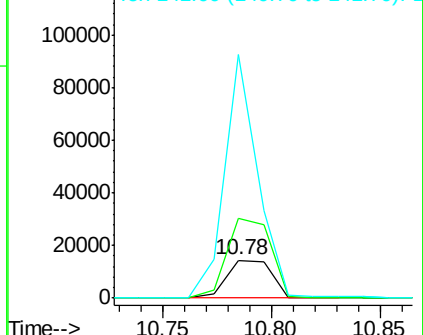
141 648.1 68.2 102.4#

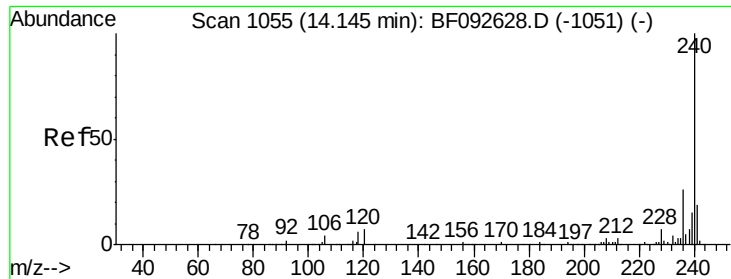


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

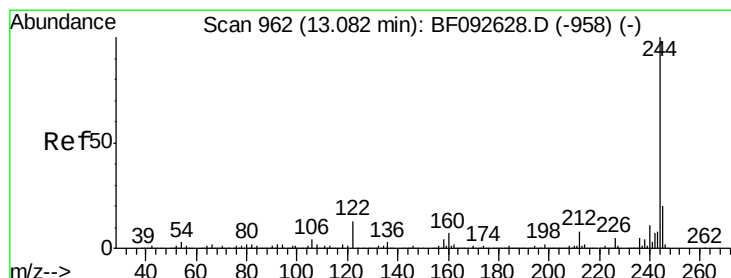
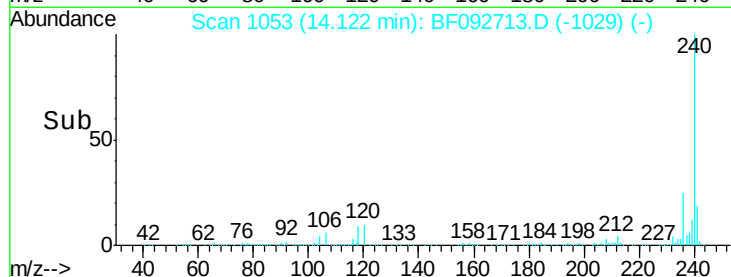
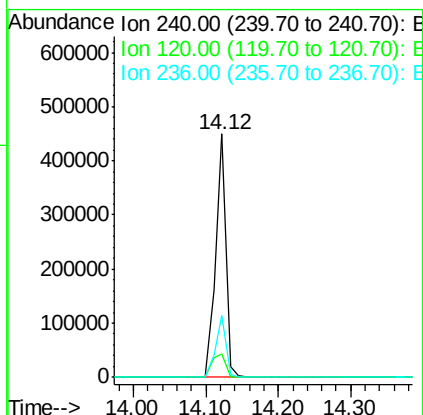
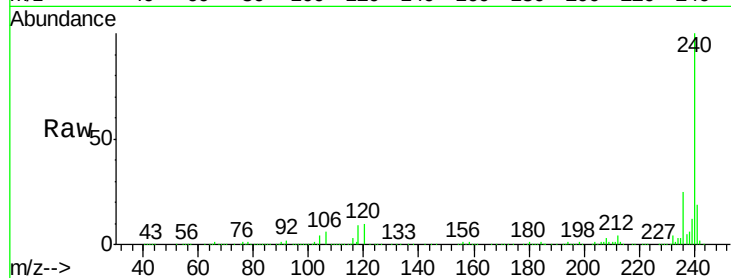




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

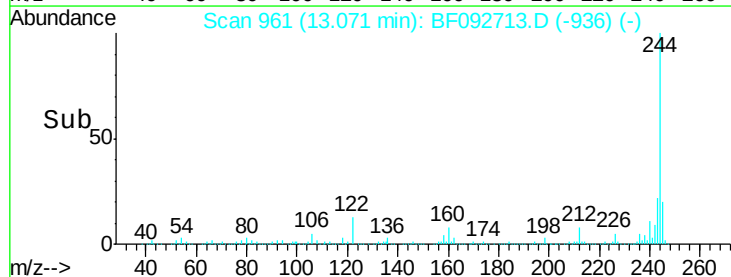
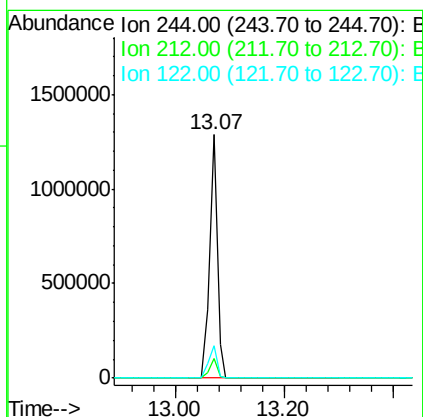
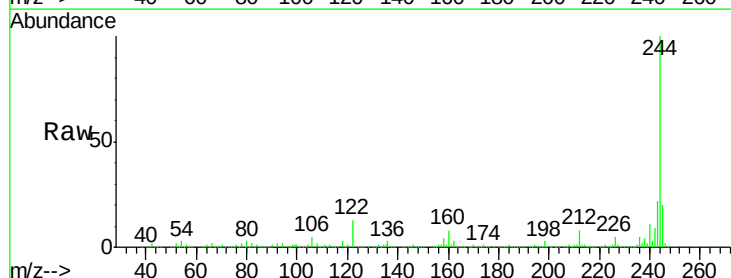
Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

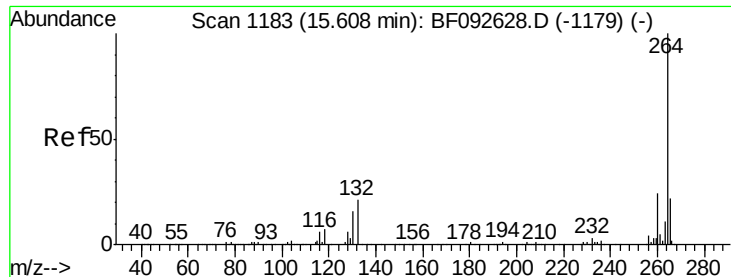
Tgt Ion:240 Resp: 440467
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 25.4 20.9 31.3



#78
Terphenyl-d14
Concen: 67.81 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

Tgt Ion:244 Resp: 1271153
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.2 11.4 17.2

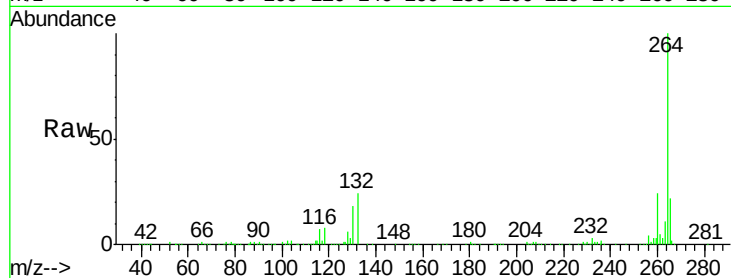




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092713.D
Acq: 1 Feb 2017 19:20

Instrument :
BNA_F
ClientSampleId :
SB-25-COMP

Tgt Ion: 264 Resp: 319030
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.4 17.4 26.0



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

