

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092711.D
 Acq On : 1 Feb 2017 18:25
 Operator : SJ/MA
 Sample : I1597-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Quant Time: Feb 01 23:50:17 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

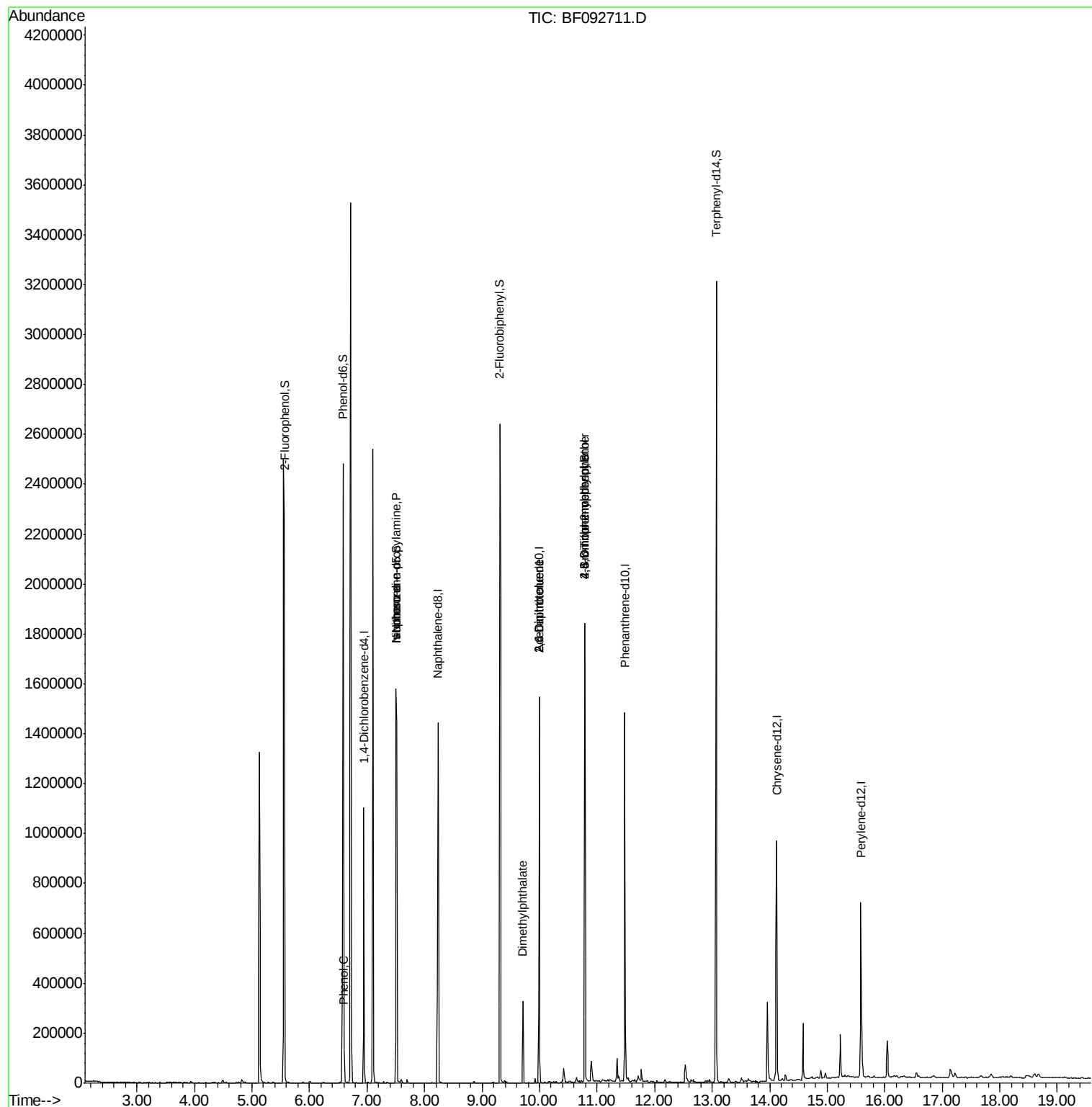
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	151742	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	629618	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	315537	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	503951	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	393947	20.00	ng	-0.02
86) Perylene-d12	15.59	264	313231	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	974225	110.15	ng	-0.01
7) Phenol-d6	6.58	99	1226111	107.74	ng	-0.02
23) Nitrobenzene-d5	7.50	82	751828	66.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	211688	92.76	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1183671	67.96	ng	-0.02
78) Terphenyl-d14	13.07	244	1010846	60.29	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	64736	4.86	ng	# 61
19) n-Nitroso-di-n-propylamine	7.50	70	99066	13.67	ng	# 85
25) Isophorone	7.50	82	714898	33.93	ng	# 65
49) Dimethylphthalate	9.71	163	128384	6.04	ng	100
50) 2,6-Dinitrotoluene	10.00	165	39872	8.69	ng	# 31
56) 2,4-Dinitrotoluene	10.00	165	39874	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	310	2.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	15958	3.03	ng	# 1

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

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Quant Time: Feb 01 23:50:17 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: BF092711.D

Acq: 1 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

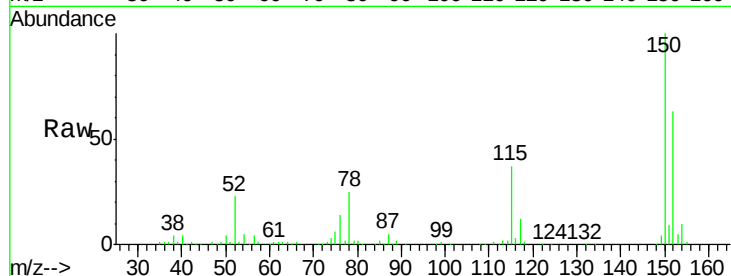
Tgt Ion:152 Resp: 151742

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

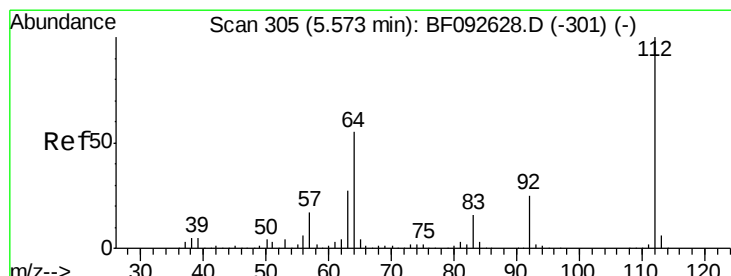
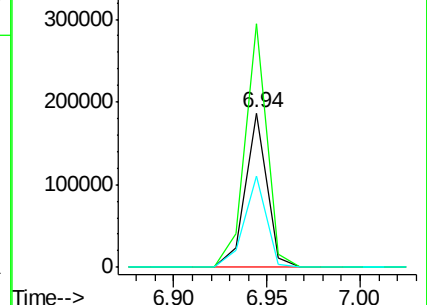
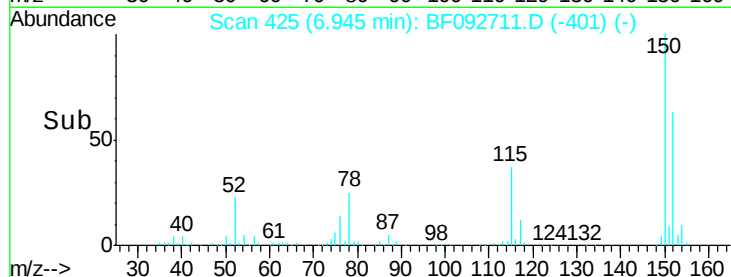
115 59.0 46.0 69.0



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: 110.15 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092711.D

Acq: 1 Feb 2017 18:25

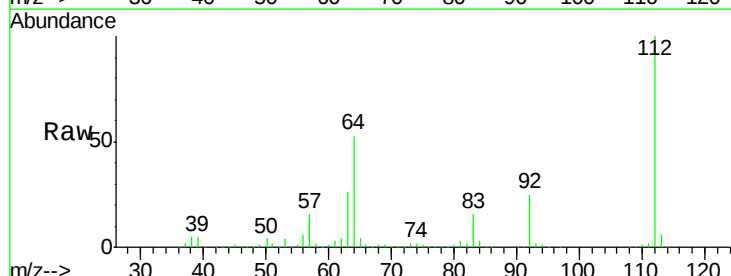
Tgt Ion:112 Resp: 974225

Ion Ratio Lower Upper

112 100

64 53.4 46.1 69.1

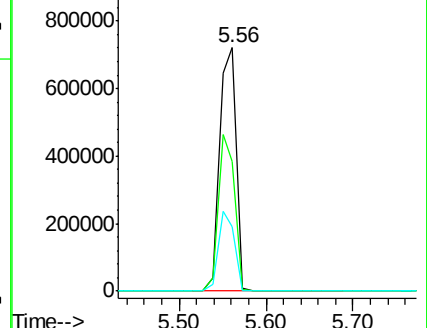
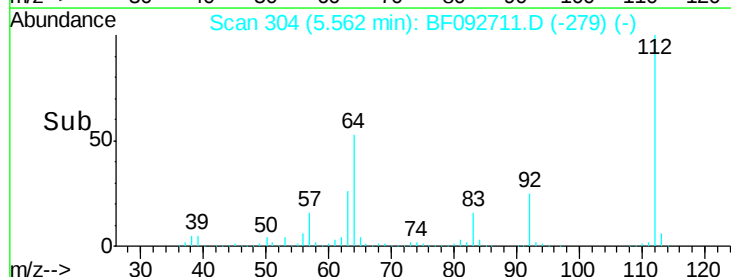
63 26.5 23.8 35.6



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: 107.74 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092711.D

Acq: 1 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

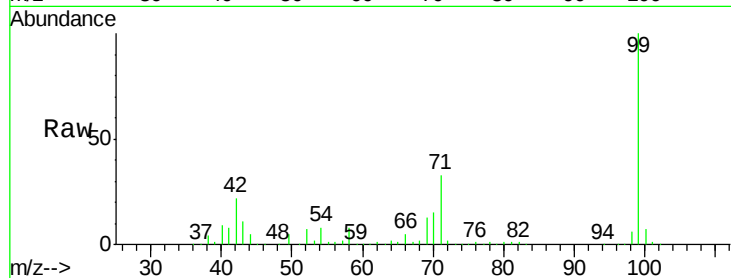
Tgt Ion: 99 Resp: 1226111

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

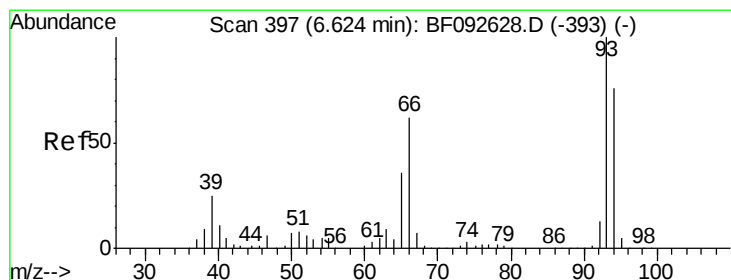
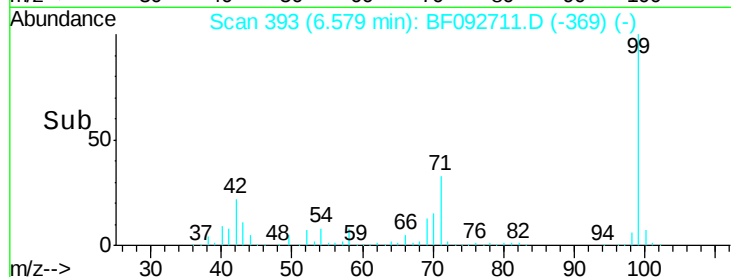
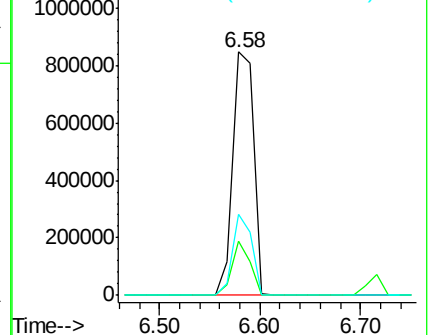
71 33.1 27.5 41.3



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: 4.86 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092711.D

Acq: 1 Feb 2017 18:25

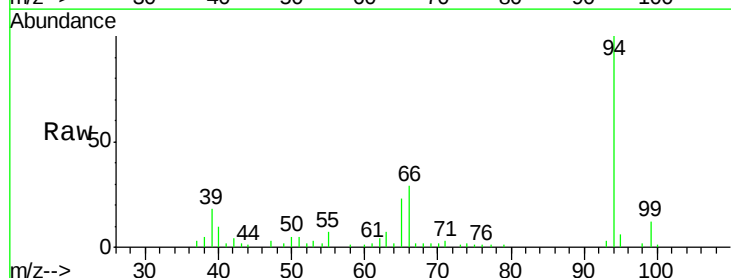
Tgt Ion: 94 Resp: 64736

Ion Ratio Lower Upper

94 100

65 22.6 21.4 61.4

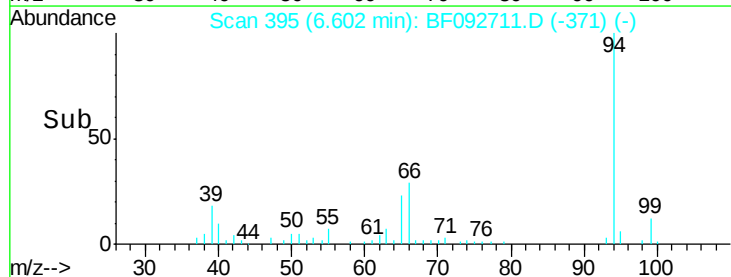
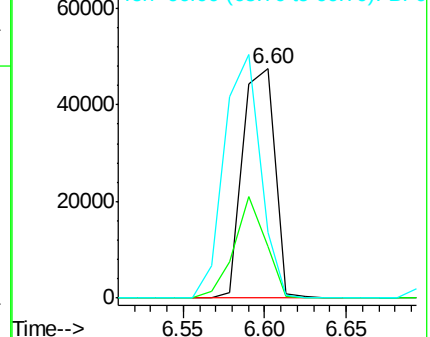
66 28.7 44.0 84.0#



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

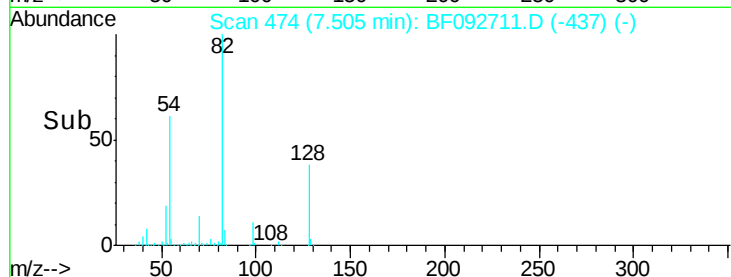
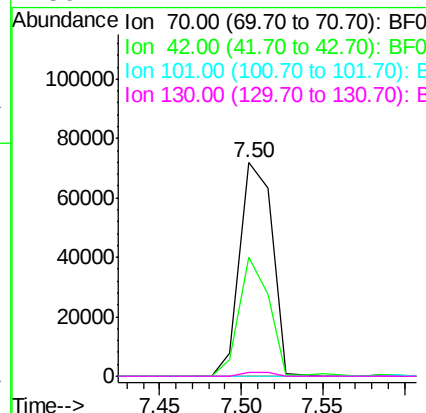
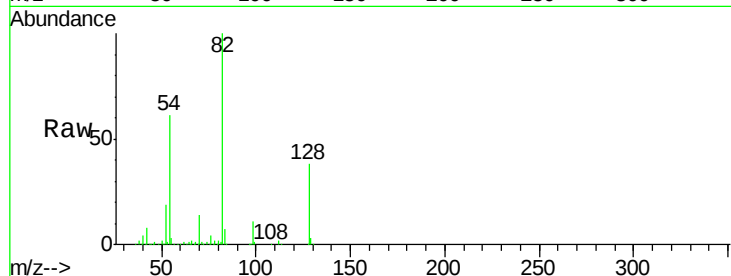




#19
n-Nitroso-di-n-propylamine
Concen: 13.67 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092711.D
Acq: 1 Feb 2017 18:25

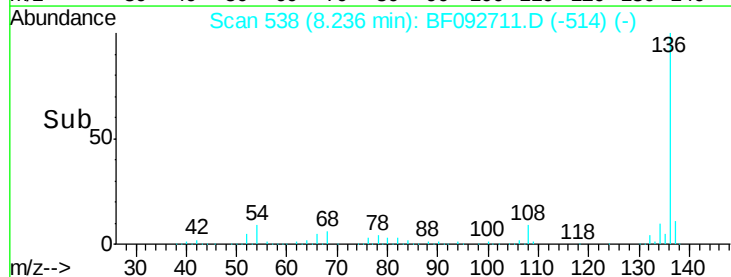
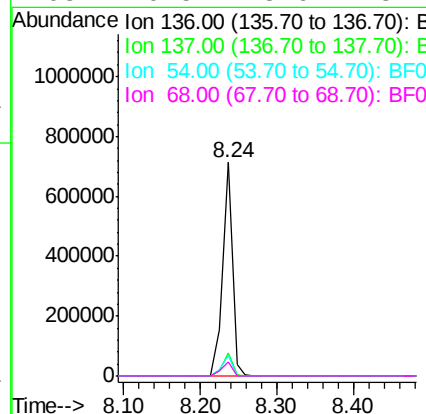
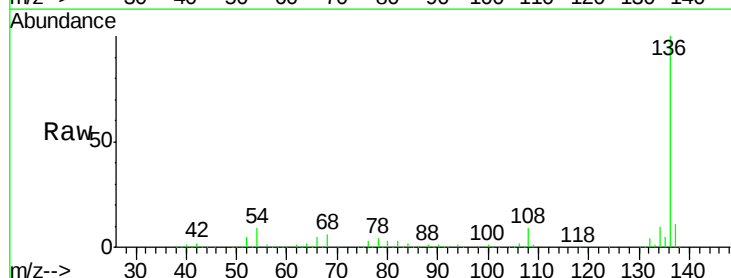
Instrument :
BNA_F
ClientSampled :
SB-26-COMP

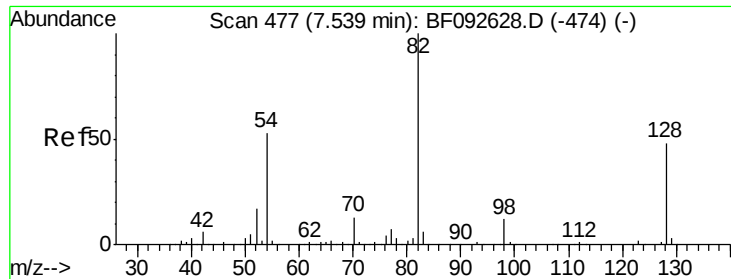
Tgt Ion: 70 Resp: 99066
Ion Ratio Lower Upper
70 100
42 56.0 49.4 74.0
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092711.D
Acq: 1 Feb 2017 18:25

Tgt Ion: 136 Resp: 629618
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.4 4.5 6.7#
68 6.5 3.6 5.4#

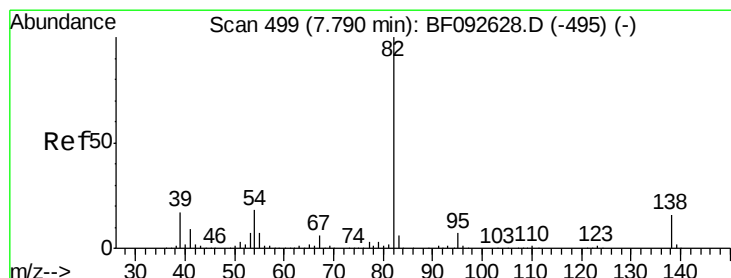
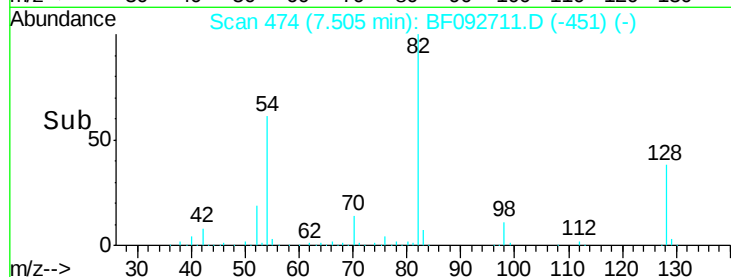
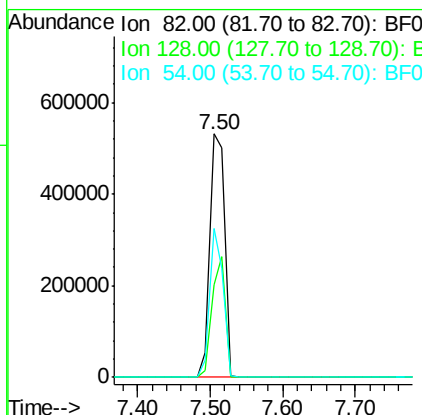
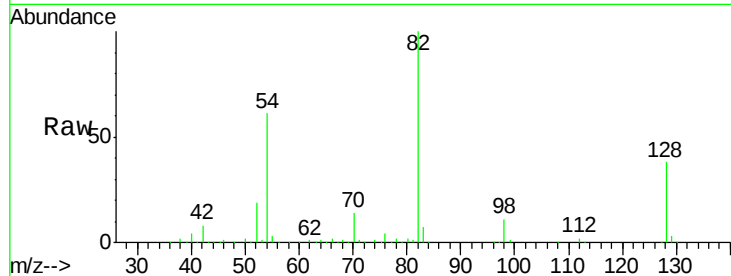




#23
 Nitrobenzene-d5
 Concen: 66.50 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

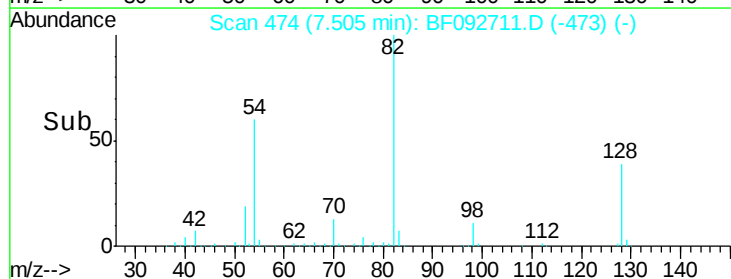
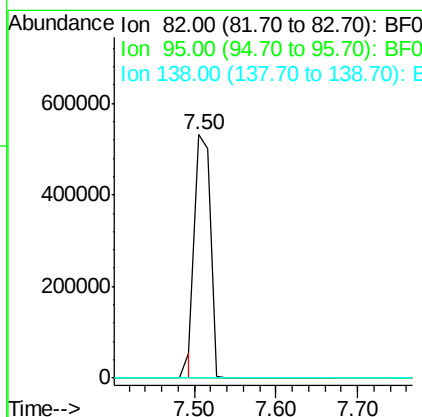
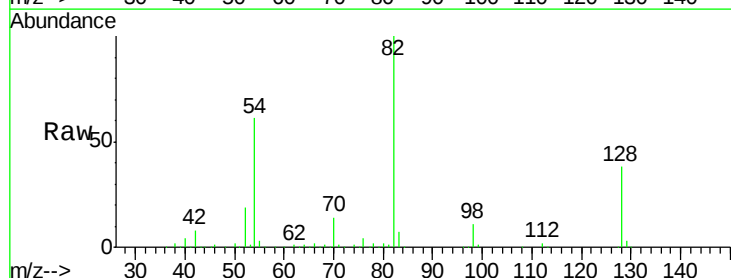
Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tgt Ion: 82 Resp: 751828
 Ion Ratio Lower Upper
 82 100
 128 38.0 34.6 52.0
 54 61.1 39.5 59.3#



#25
 Isophorone
 Concen: 33.93 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

Tgt Ion: 82 Resp: 714898
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

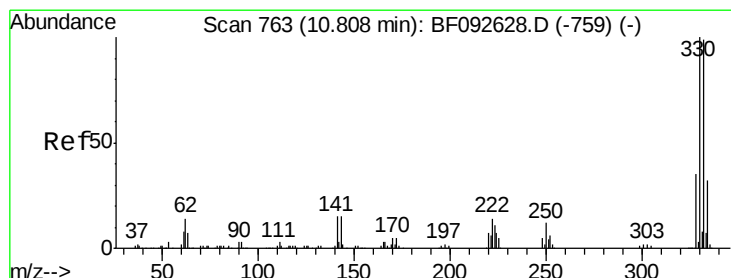
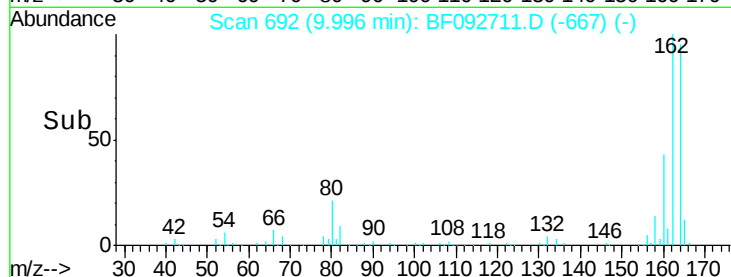
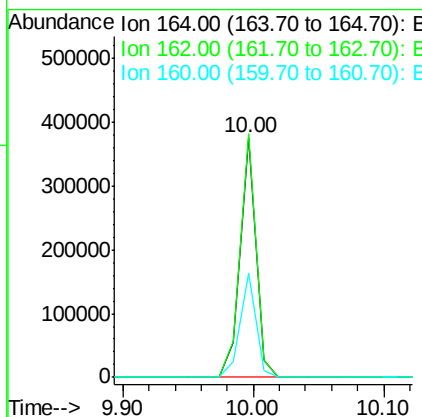
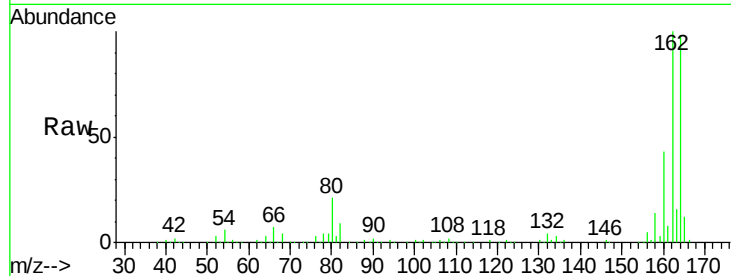




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

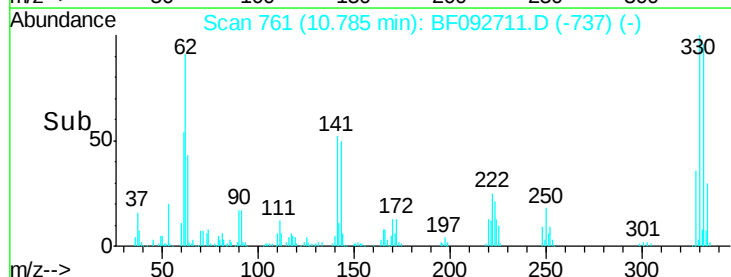
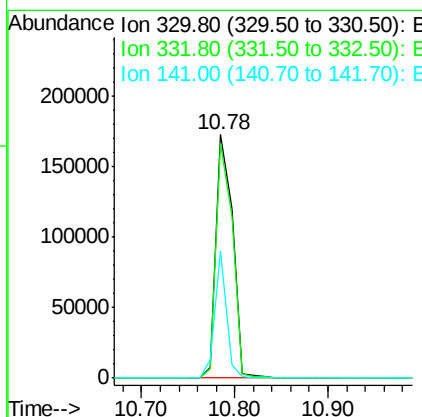
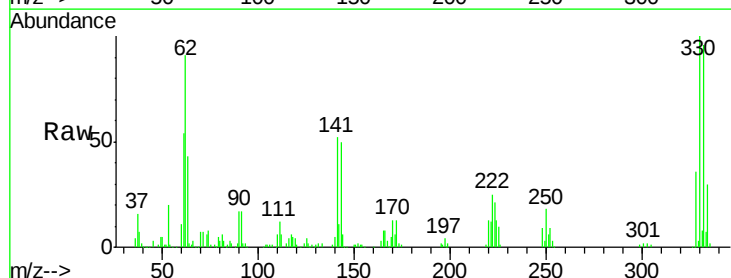
Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tgt Ion:164 Resp: 315537
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.2 120.2
 160 43.5 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 92.76 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

Tgt Ion:330 Resp: 211688
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 37.1 34.1 51.1

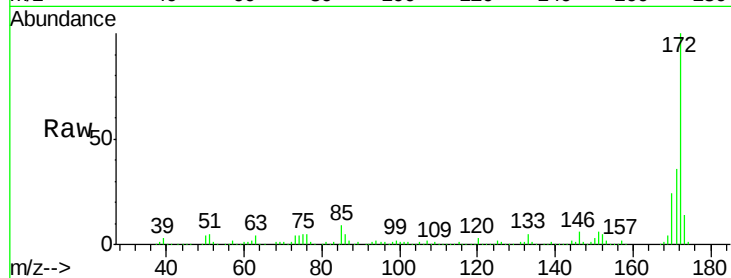




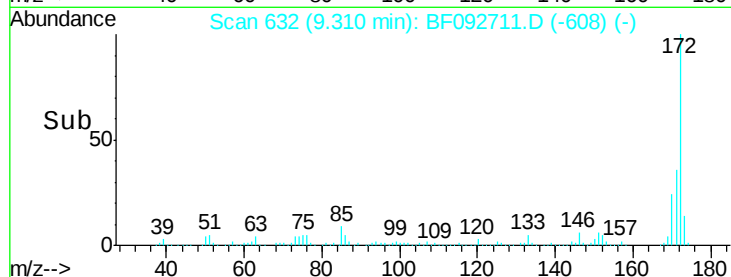
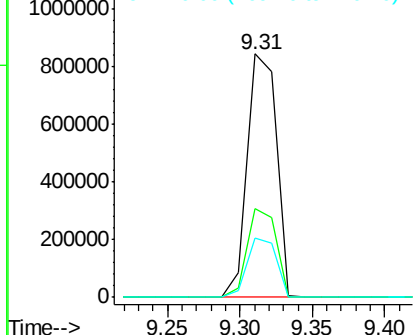
#44
2-Fluorobiphenyl
Concen: 67.96 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF092711.D
Acq: 1 Feb 2017 18:25

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion:172 Resp: 1183671
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.3 20.2 30.4

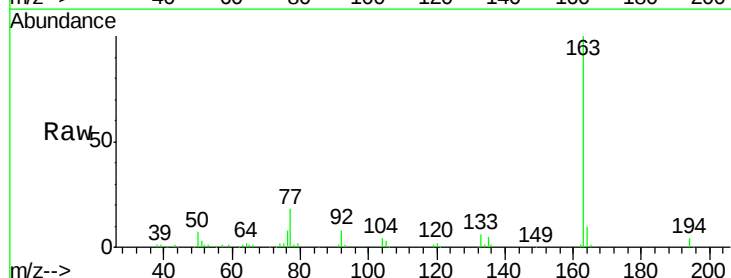


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

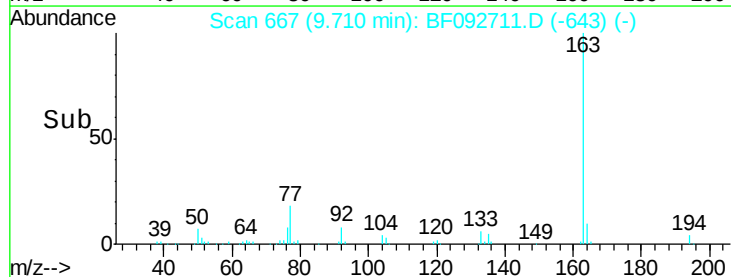
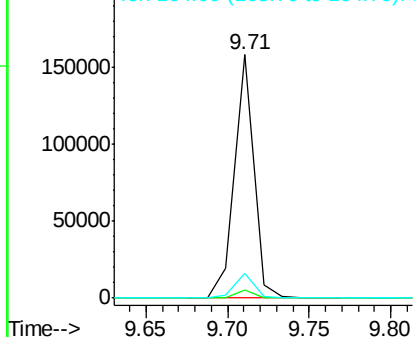


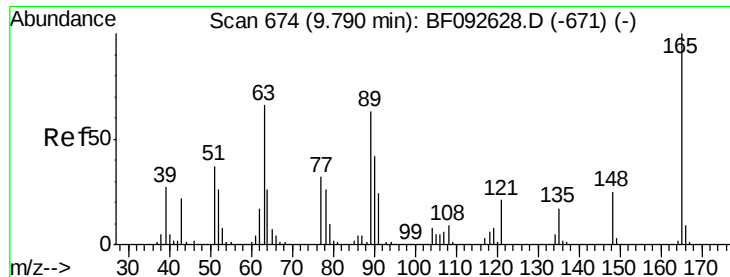
#49
Dimethylphthalate
Concen: 6.04 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092711.D
Acq: 1 Feb 2017 18:25

Tgt Ion:163 Resp: 128384
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 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

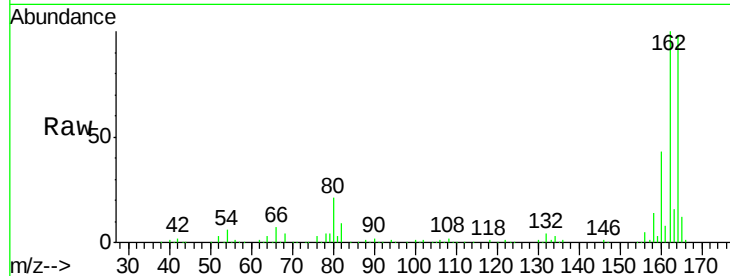




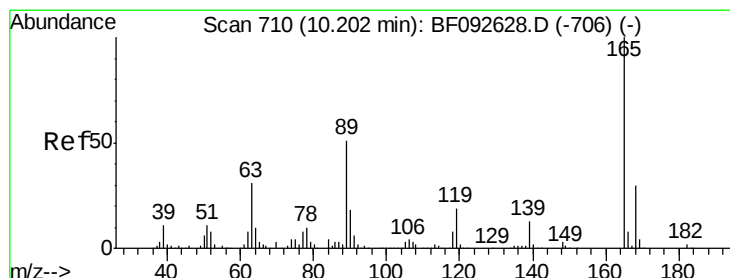
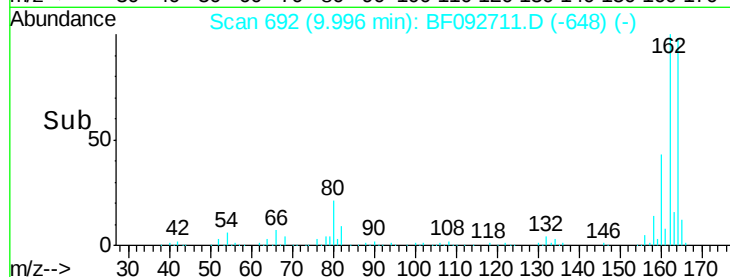
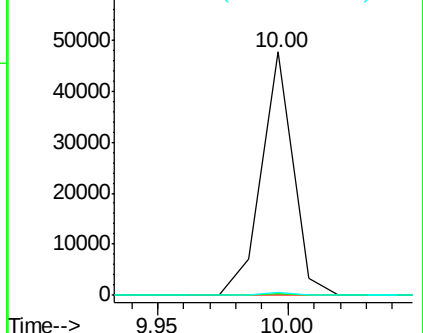
#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tgt Ion:165 Resp: 39872
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 1.4 40.2 60.4#

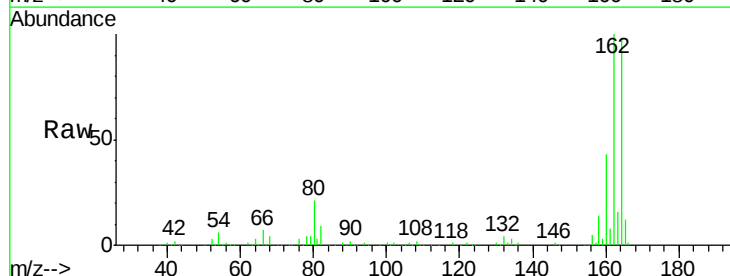


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

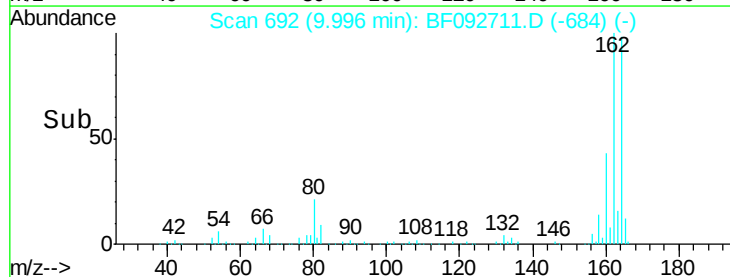
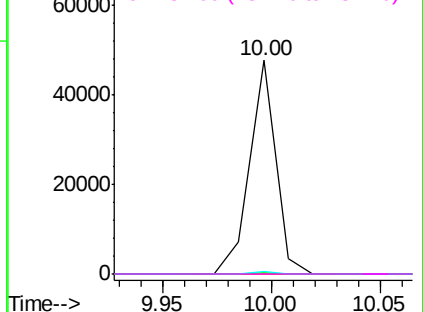


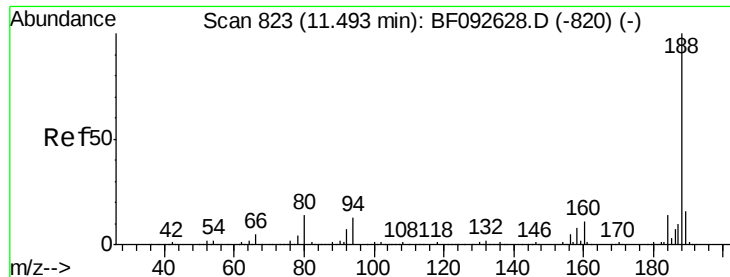
#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

Tgt Ion:165 Resp: 39874
 Ion Ratio Lower Upper
 165 100
 63 0.7 40.2 60.4#
 89 1.4 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

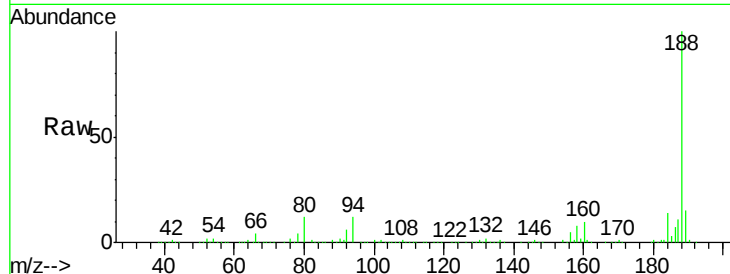




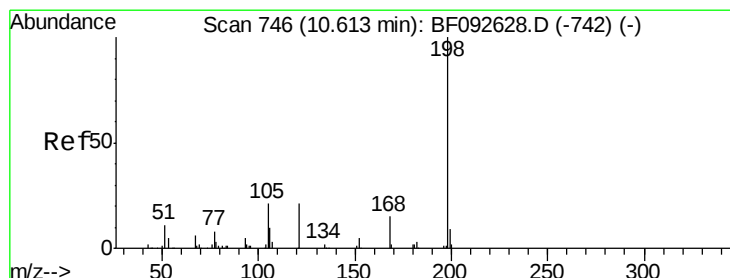
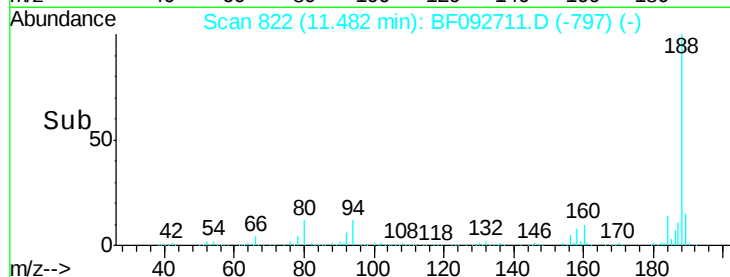
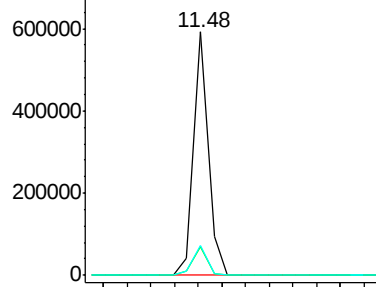
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tgt Ion:188 Resp: 503951
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.0 15.0
 80 12.2 11.2 16.8

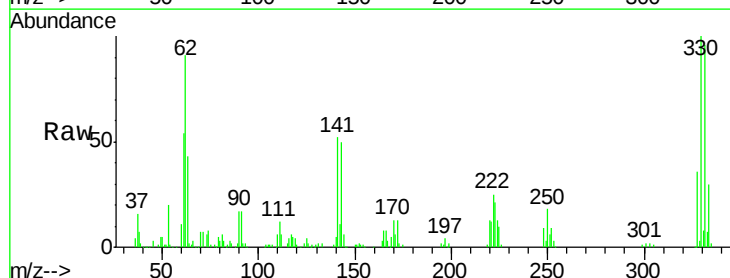


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

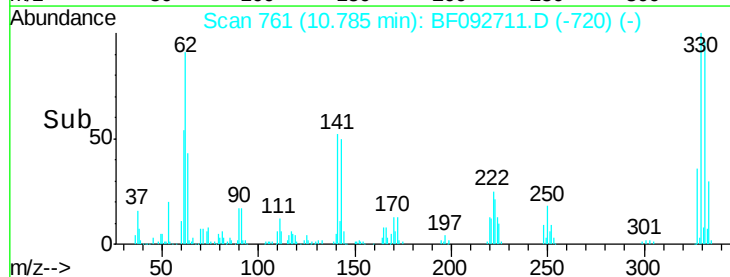
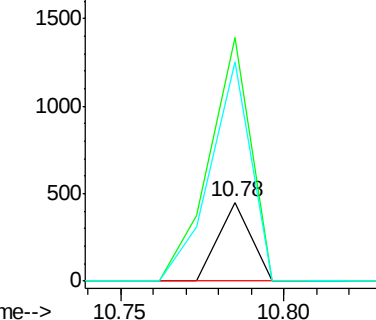


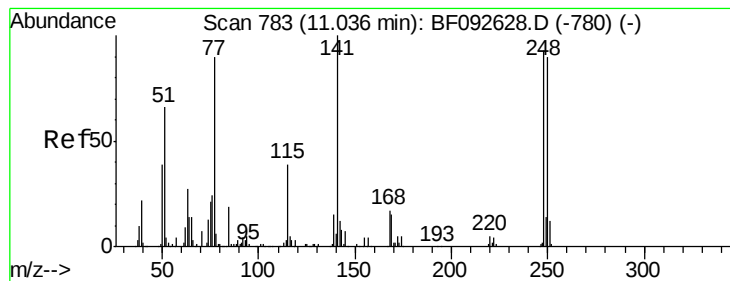
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.76 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092711.D
 Acq: 1 Feb 2017 18:25

Tgt Ion:198 Resp: 310
 Ion Ratio Lower Upper
 198 100
 51 308.0 6.7 46.7#
 105 277.9 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: 3.03 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092711.D

Acq: 1 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

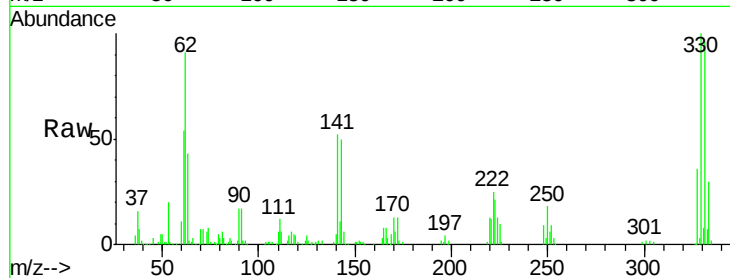
Tgt Ion:248 Resp: 15958

Ion Ratio Lower Upper

248 100

250 192.6 76.9 115.3#

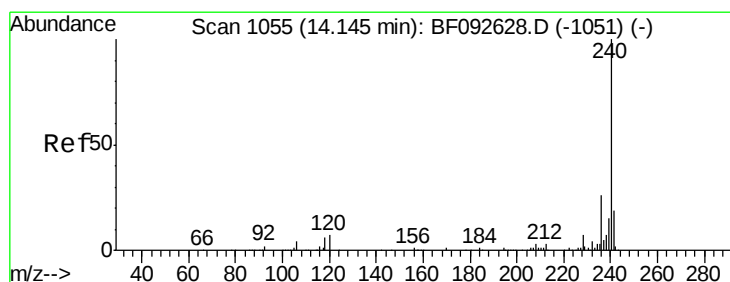
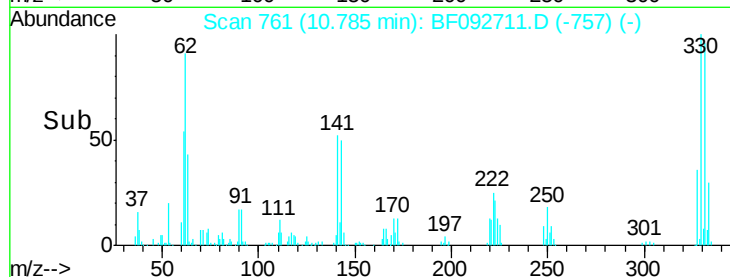
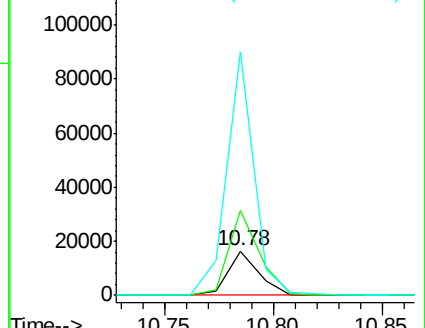
141 551.9 68.2 102.4#



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: BF092711.D

Acq: 1 Feb 2017 18:25

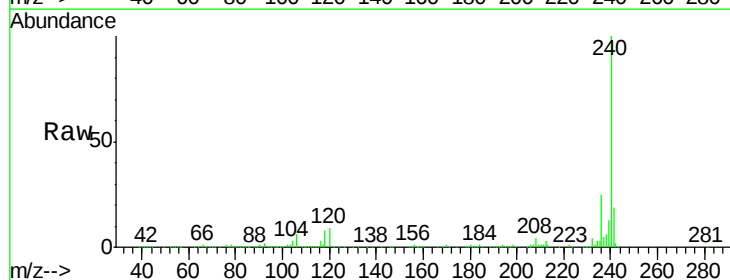
Tgt Ion:240 Resp: 393947

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

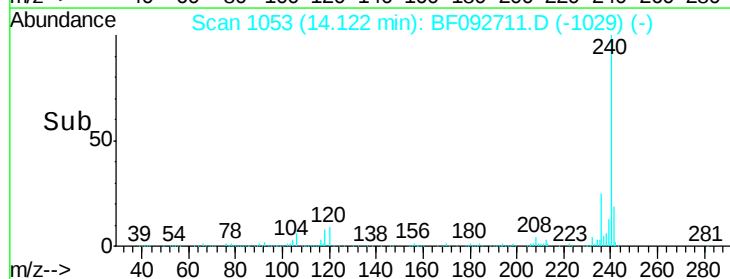
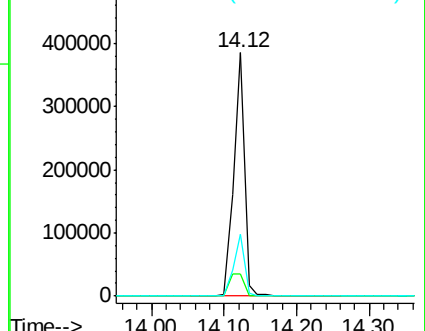
236 25.1 20.9 31.3

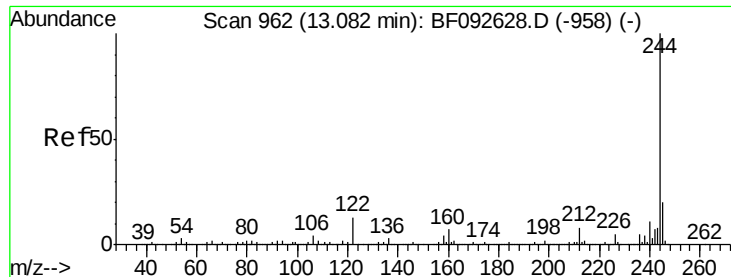


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.29 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092711.D

Acq: 1 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

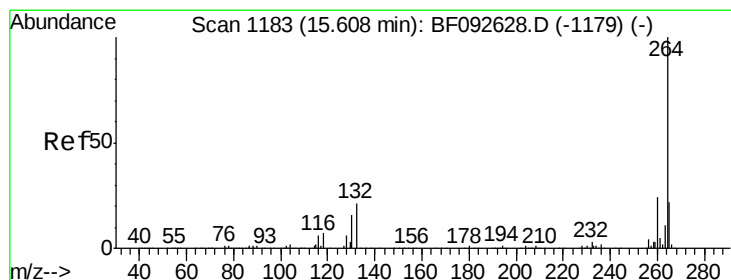
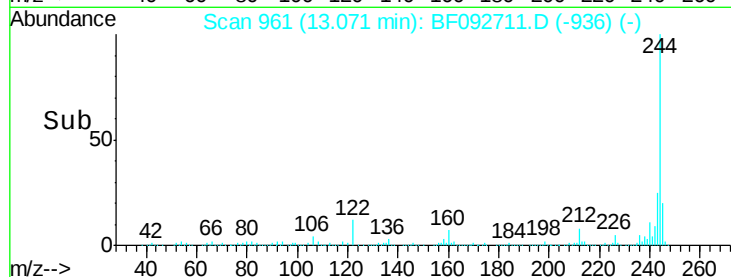
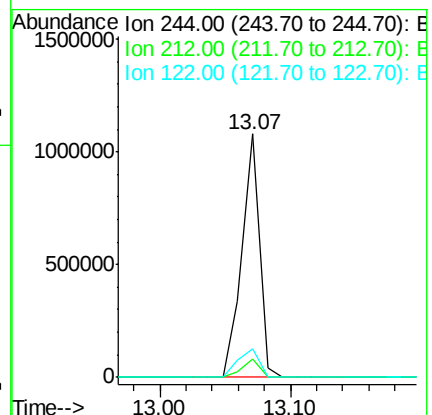
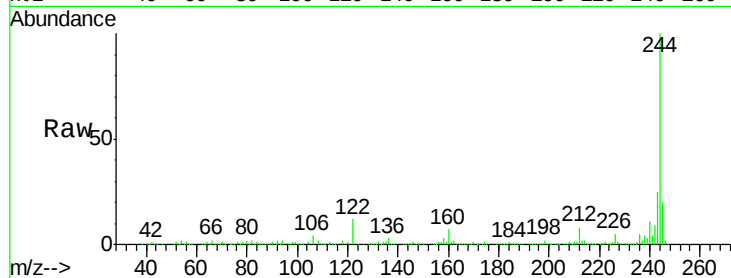
Tgt Ion:244 Resp: 1010846

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 11.5 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: BF092711.D

Acq: 1 Feb 2017 18:25

Tgt Ion:264 Resp: 313231

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.1 17.4 26.0

