

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092217.D
 Acq On : 12 Jan 2017 19:42
 Operator : UM/SJ
 Sample : I1030-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0011

Quant Time: Jan 12 23:43:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

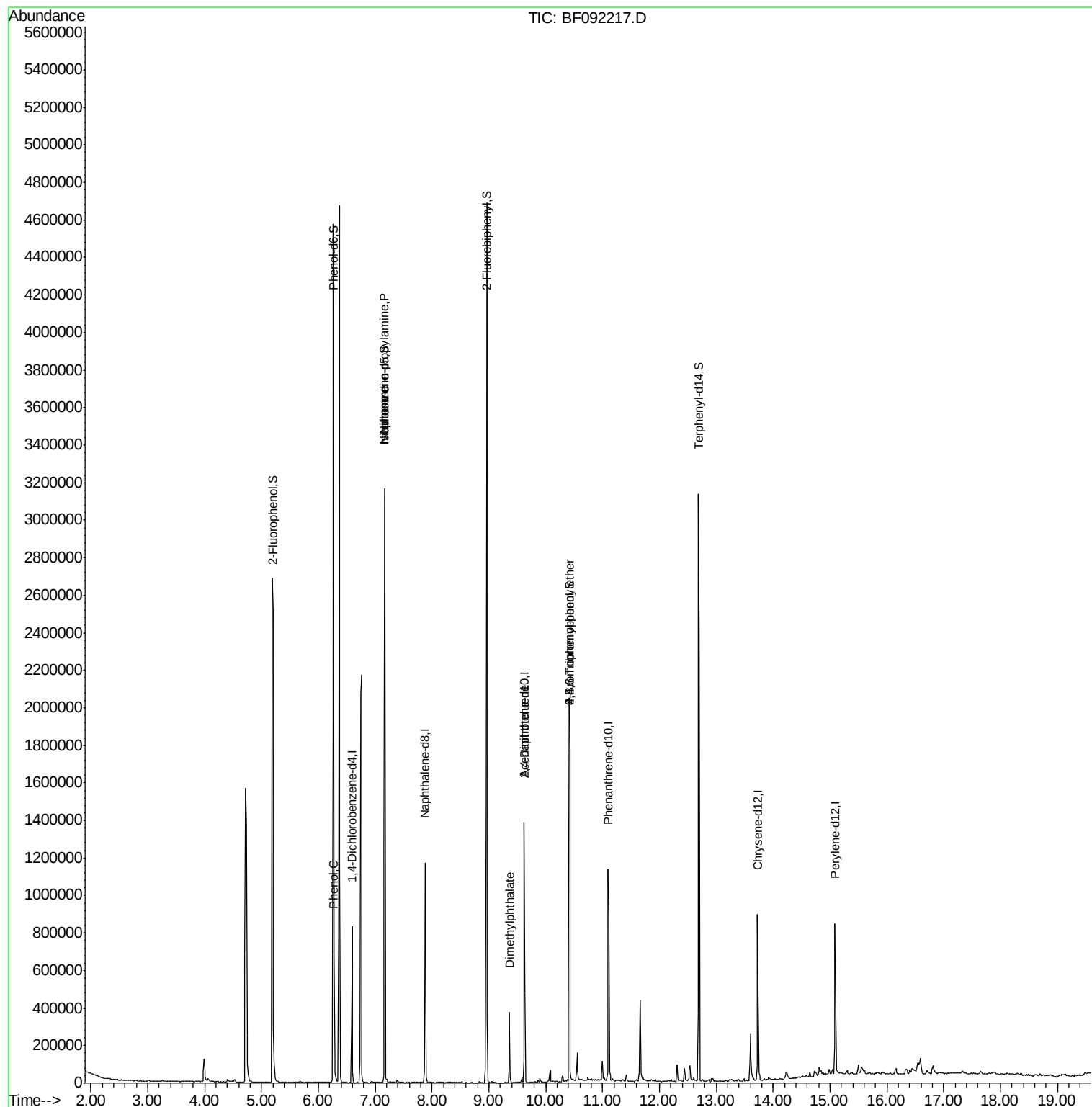
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	136733	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	725395	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	324003	20.00	ng	-0.06
63) Phenanthrene-d10	11.10	188	572405	20.00	ng	-0.06
75) Chrysene-d12	13.73	240	331439	20.00	ng	-0.06
86) Perylene-d12	15.09	264	355319	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1152374	140.72	ng	-0.03
7) Phenol-d6	6.26	99	1710964	171.13	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1137708	87.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	381916	142.43	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1499059	96.55	ng	-0.05
78) Terphenyl-d14	12.69	244	1386567	101.46	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	99772	8.76	ng	# 69
19) n-Nitroso-di-n-propylamine	7.17	70	153378	23.06	ng	# 77
25) Isophorone	7.17	82	1128545	46.89	ng	# 65
37) 2-Methylnaphthalene	8.60	142	577	Below Cal	#	80
49) Dimethylphthalate	9.36	163	159281	7.69	ng	99
56) 2,4-Dinitrotoluene	9.62	165	42764	7.51	ng	# 19
66) 4-Bromophenyl-phenylether	10.42	248	22857	3.84	ng	# 1
71) Anthracene	11.13	178	15172	Below Cal		96
73) Di-n-butylphthalate	11.68	149	9597	Below Cal	#	95
74) Fluoranthene	12.31	202	36067	Below Cal		94
76) Benizidine	12.69	184	17125	Below Cal	#	94

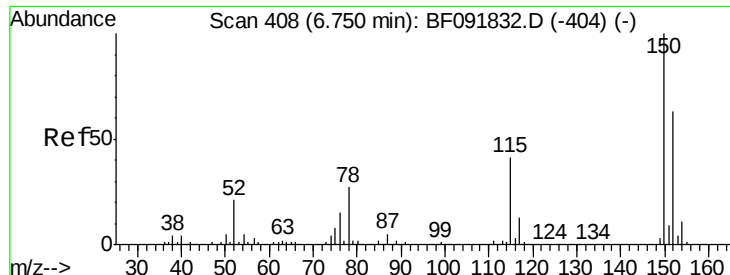
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

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BNA_F

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COMP-0011

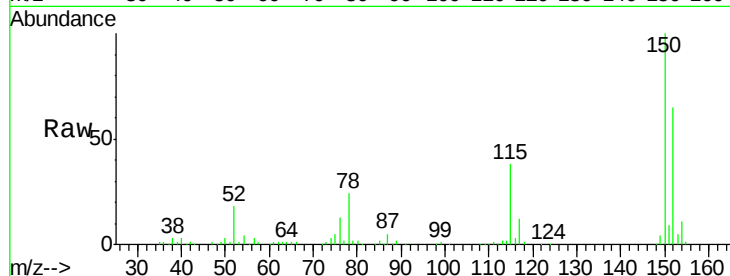
Tgt Ion:152 Resp: 136733

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

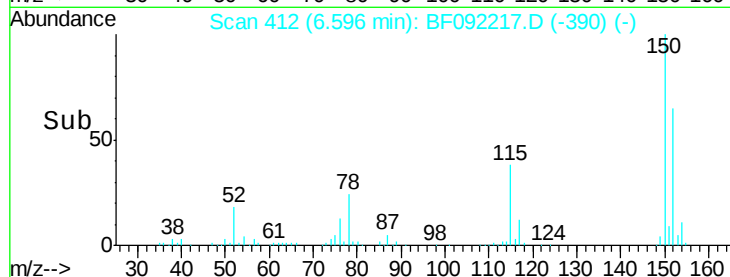
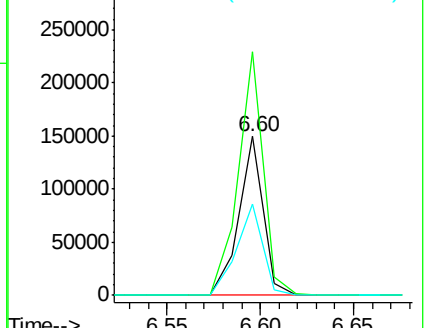
115 57.7 46.0 69.0



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: 140.72 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

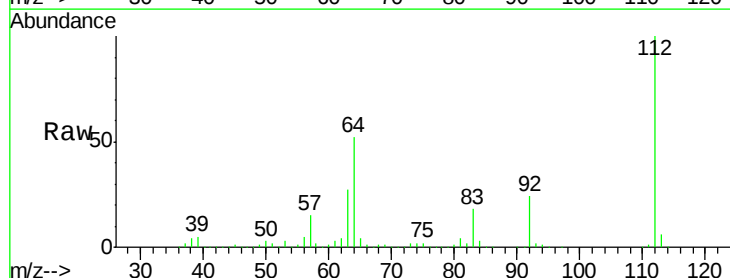
Tgt Ion:112 Resp: 1152374

Ion Ratio Lower Upper

112 100

64 52.3 46.1 69.1

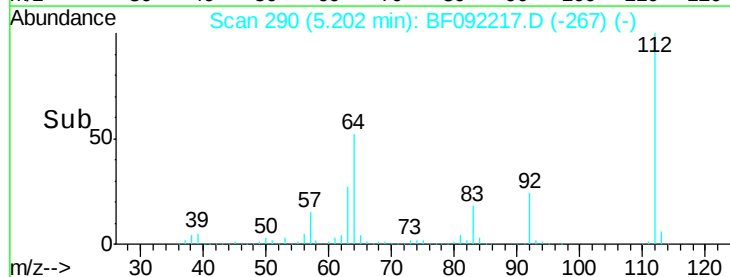
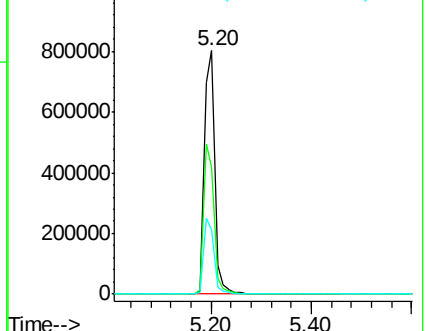
63 26.5 23.8 35.6



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: 171.13 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

COMP-0011

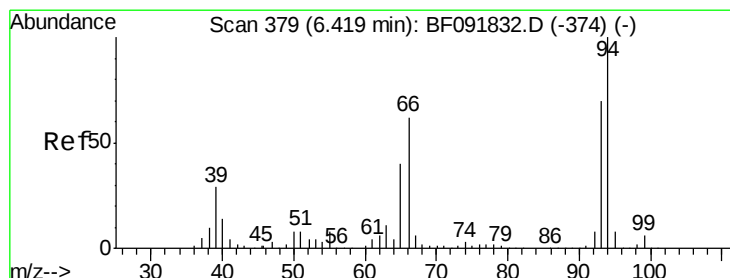
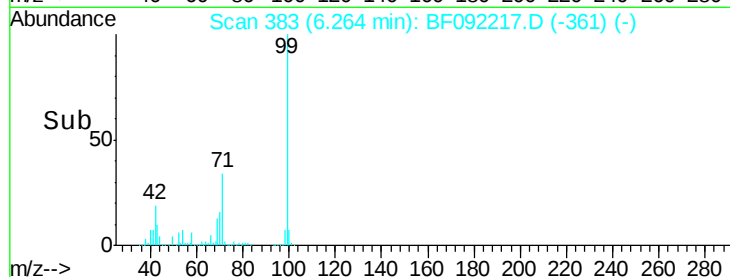
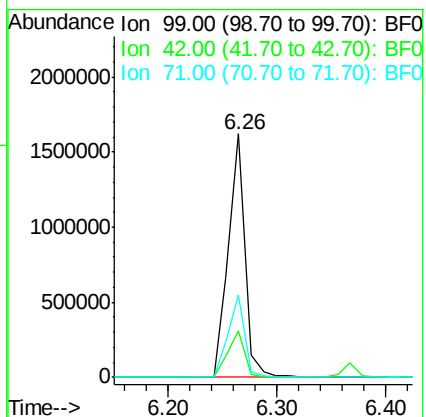
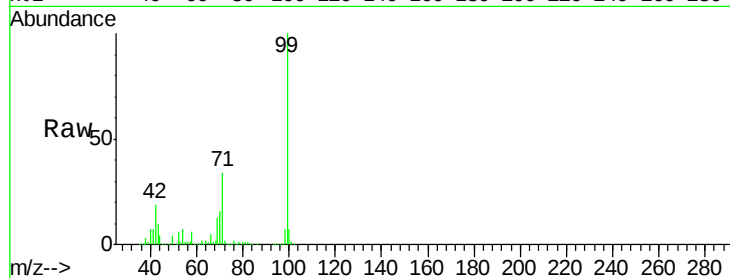
Tgt Ion: 99 Resp: 1710964

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 33.9 27.5 41.3



#10

Phenol

Concen: 8.76 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

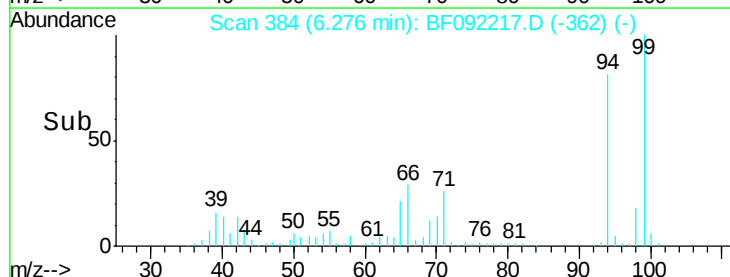
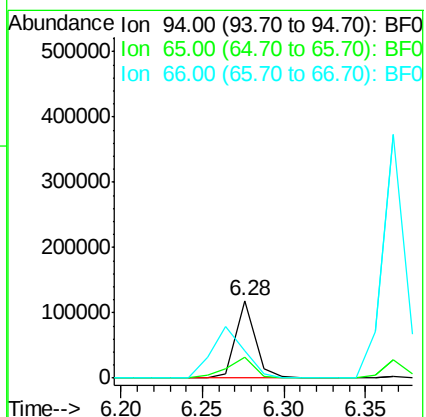
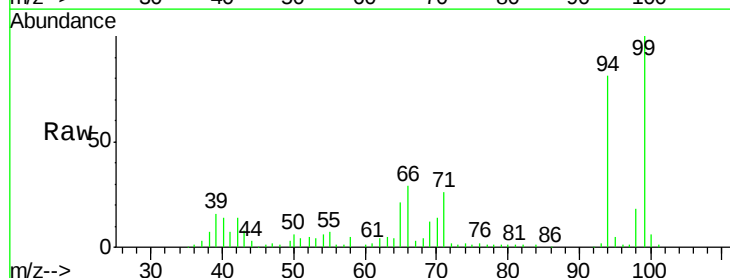
Tgt Ion: 94 Resp: 99772

Ion Ratio Lower Upper

94 100

65 26.5 21.4 61.4

66 35.6 44.0 84.0#

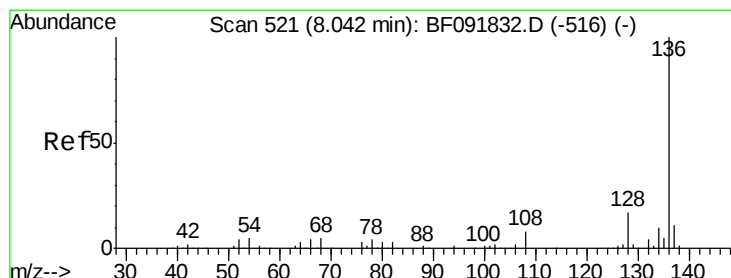
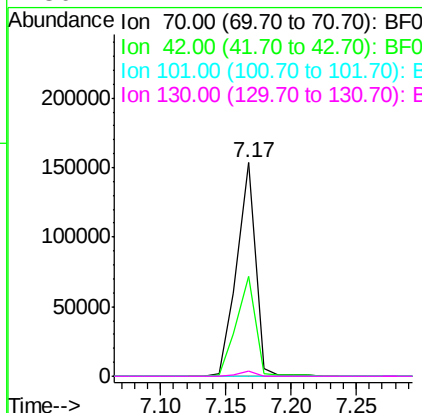
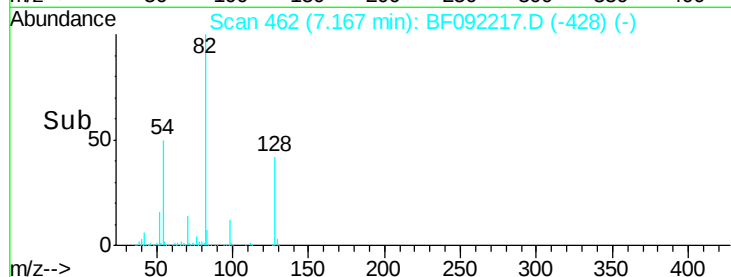
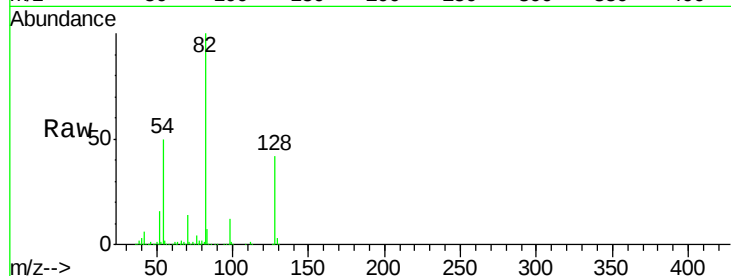




#19
n-Nitroso-di-n-propylamine
Concen: 23.06 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

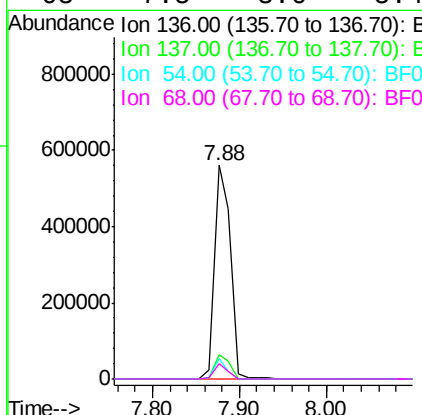
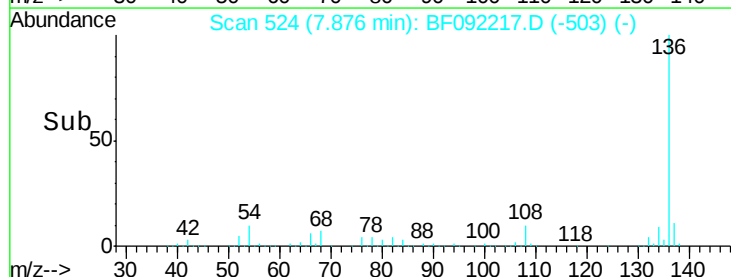
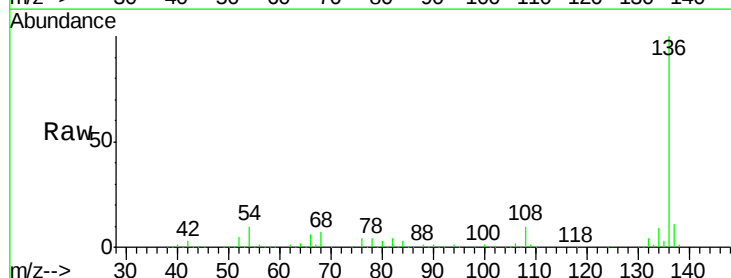
Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion: 70 Resp: 153378
Ion Ratio Lower Upper
70 100
42 46.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

Tgt Ion: 136 Resp: 725395
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.7 4.5 6.7#
68 7.5 3.6 5.4#

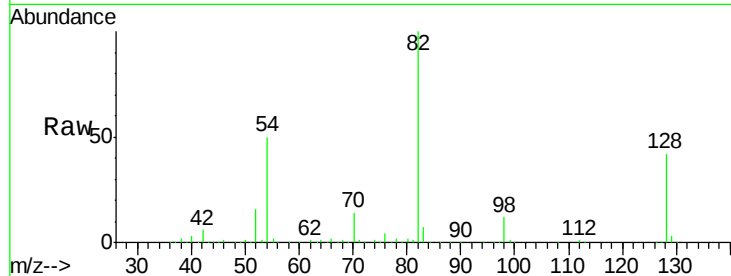




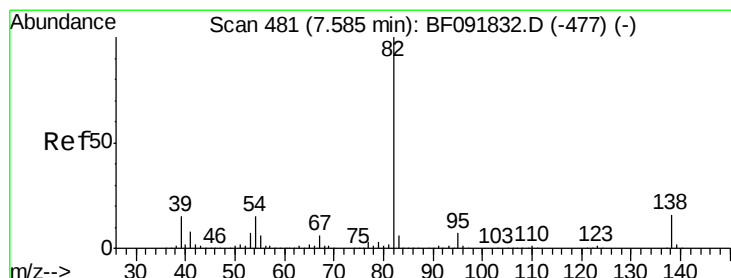
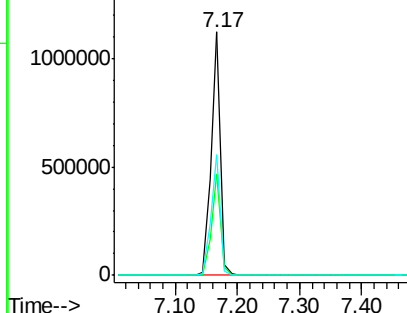
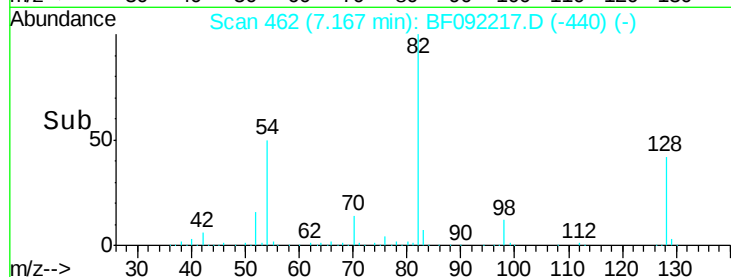
#23
 Nitrobenzene-d5
 Concen: 87.21 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.05 min
 Lab File: BF092217.D
 Acq: 12 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0011

Tgt Ion: 82 Resp: 1137708
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 49.8 39.5 59.3

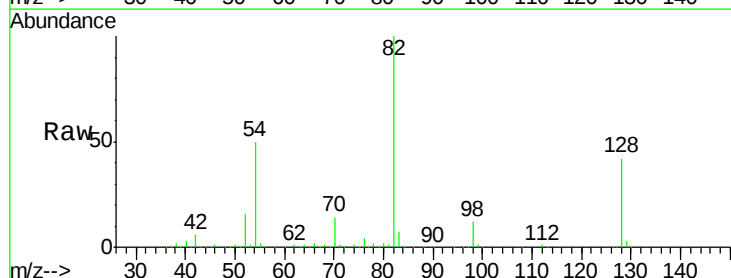


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

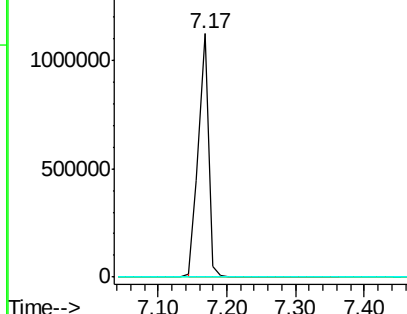
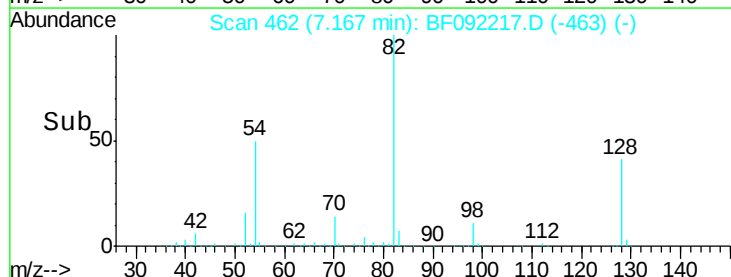


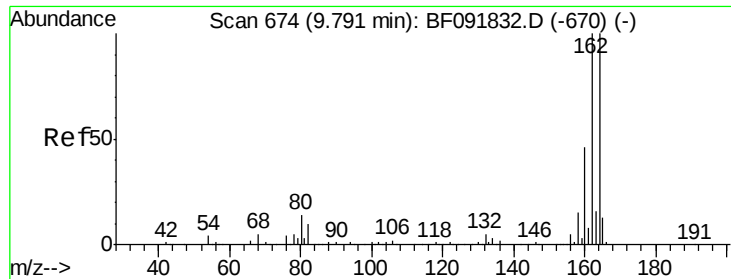
#25
 Isophorone
 Concen: 46.89 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF092217.D
 Acq: 12 Jan 2017 19:42

Tgt Ion: 82 Resp: 1128545
 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: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

COMP-0011

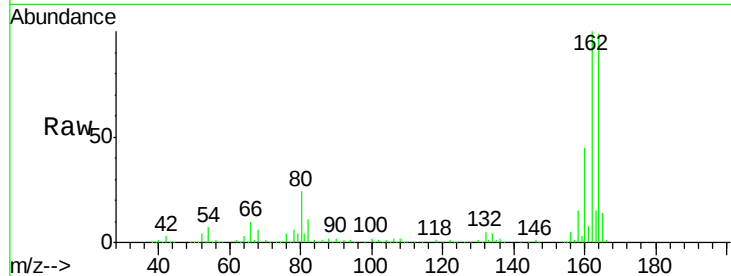
Tgt Ion:164 Resp: 324003

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

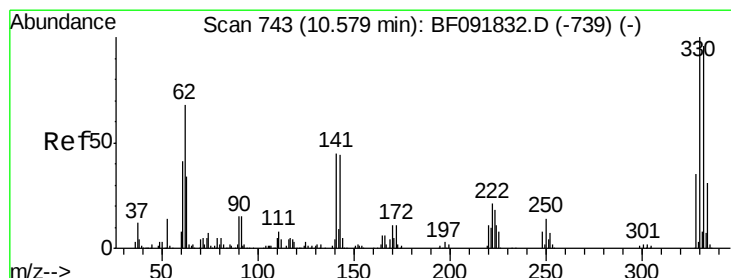
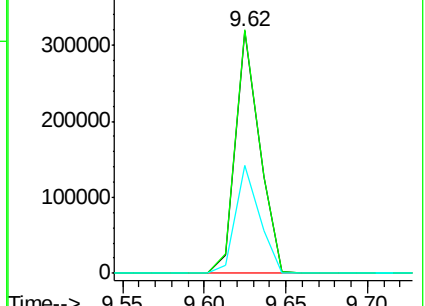
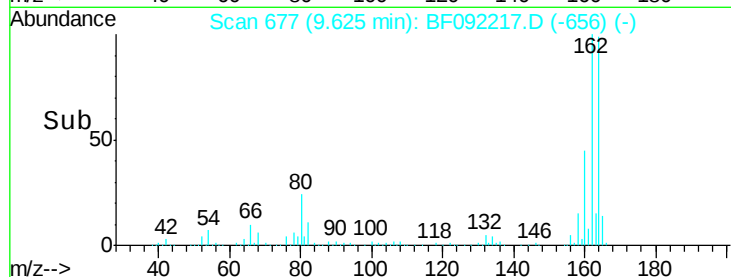
160 44.9 36.9 55.3



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: 142.43 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

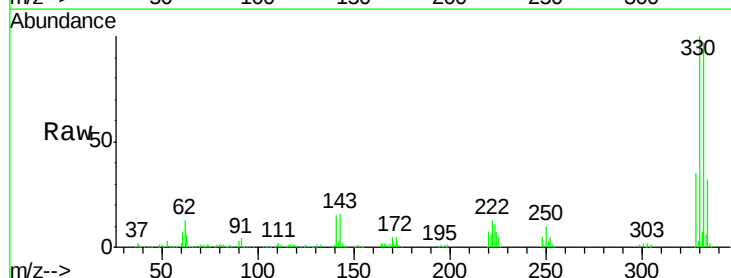
Tgt Ion:330 Resp: 381916

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

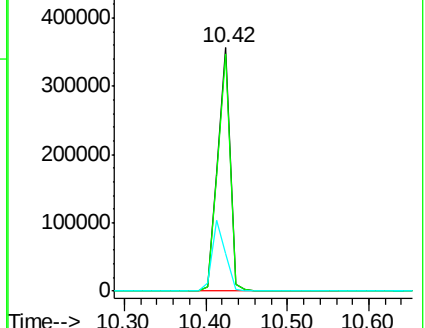
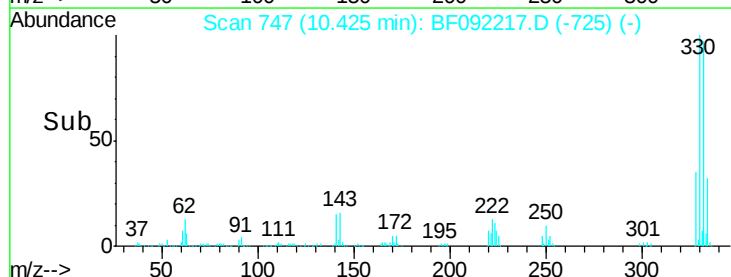
141 31.3 34.1 51.1#

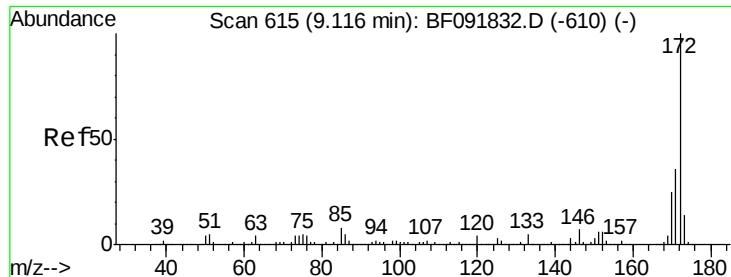


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

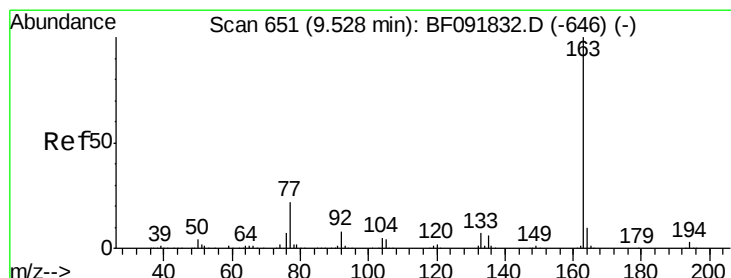
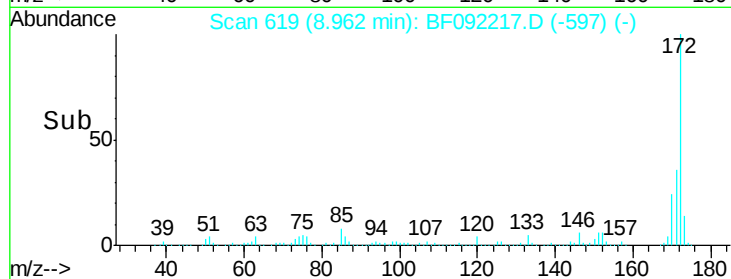
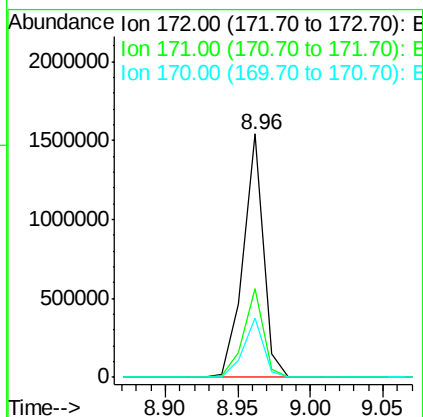
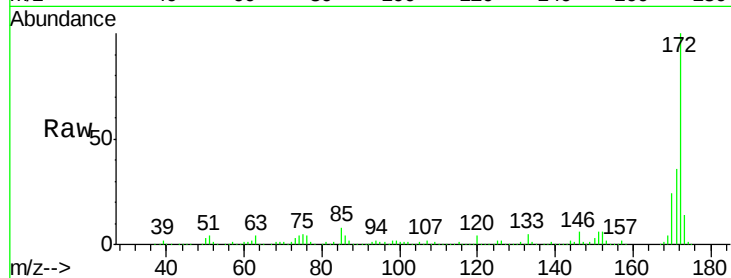




#44
2-Fluorobiphenyl
Concen: 96.55 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

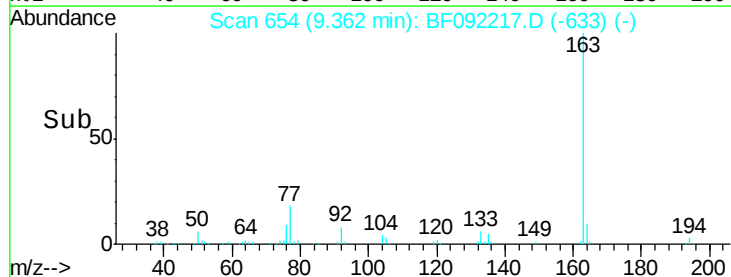
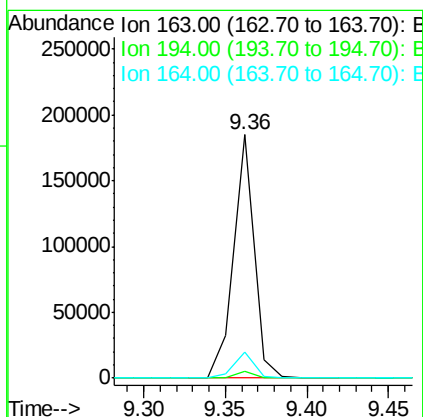
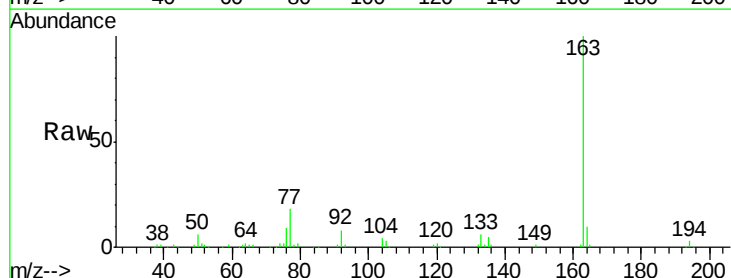
Instrument :
BNA_F
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COMP-0011

Tgt Ion:172 Resp: 1499059
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.4 20.2 30.4



#49
Dimethylphthalate
Concen: 7.69 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

Tgt Ion:163 Resp: 159281
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.4 8.0 12.0

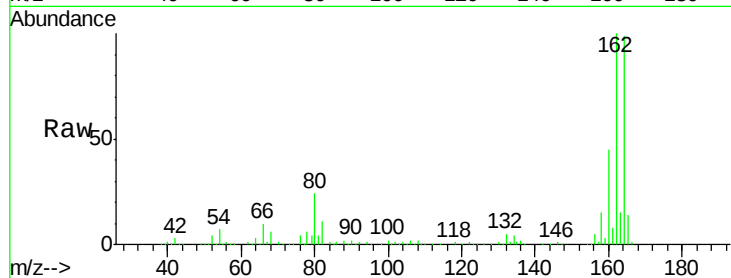




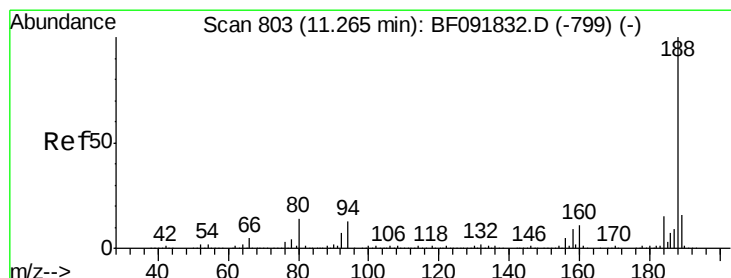
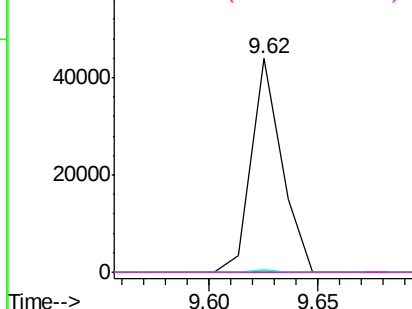
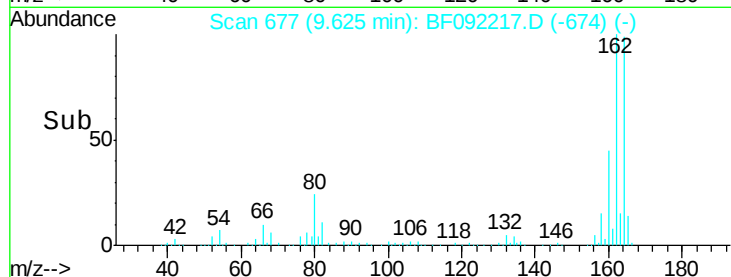
#56
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:165 Resp: 42764
Ion Ratio Lower Upper
165 100
63 0.7 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#

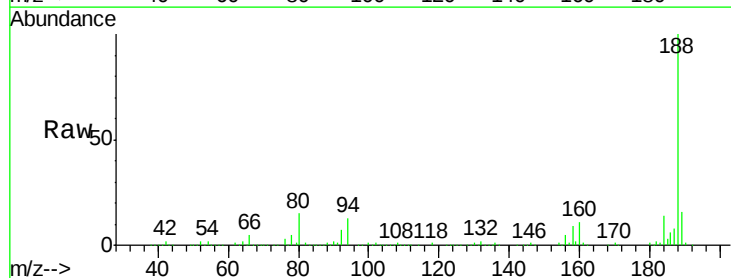


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

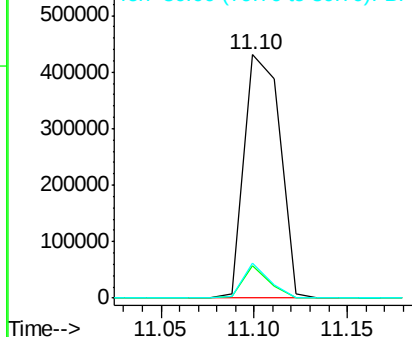
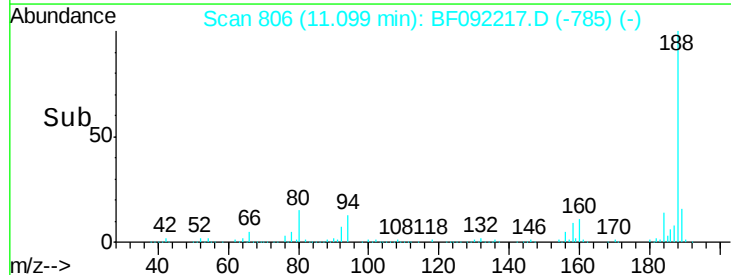


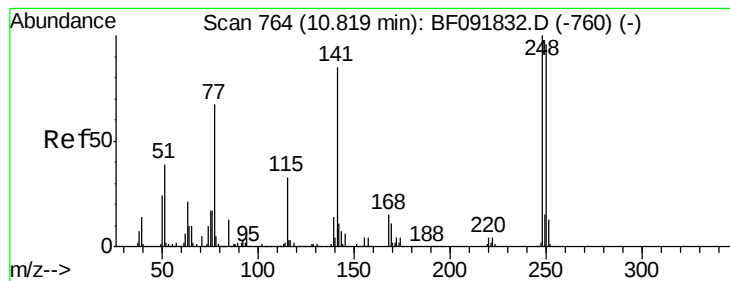
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

Tgt Ion:188 Resp: 572405
Ion Ratio Lower Upper
188 100
94 13.2 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





#66

4-Bromophenyl-phenylether

Concen: 3.84 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.29 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

COMP-0011

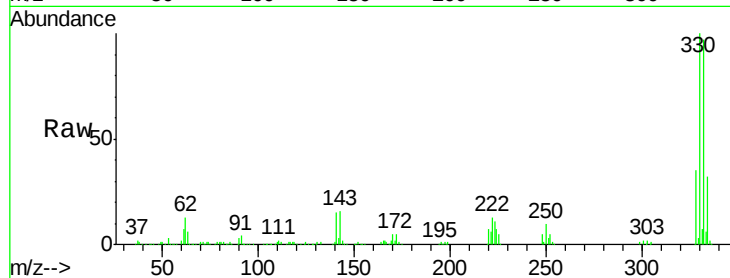
Tgt Ion:248 Resp: 22857

Ion Ratio Lower Upper

248 100

250 205.7 76.9 115.3#

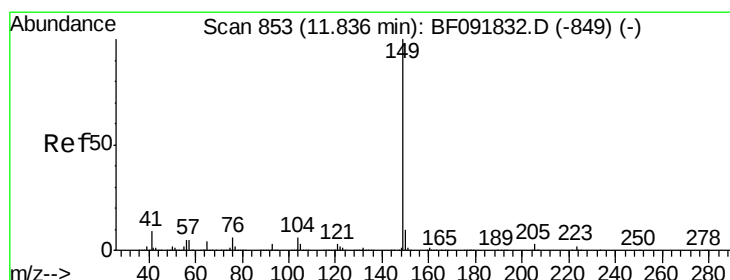
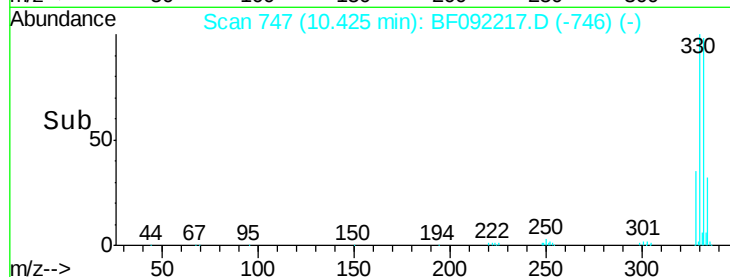
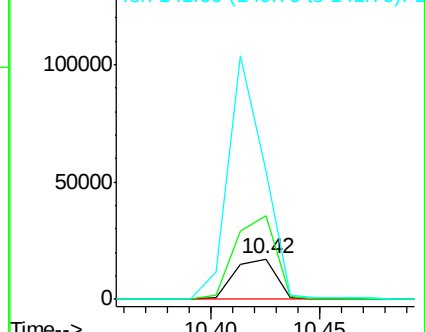
141 317.1 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092217.D

Acq: 12 Jan 2017 19:42

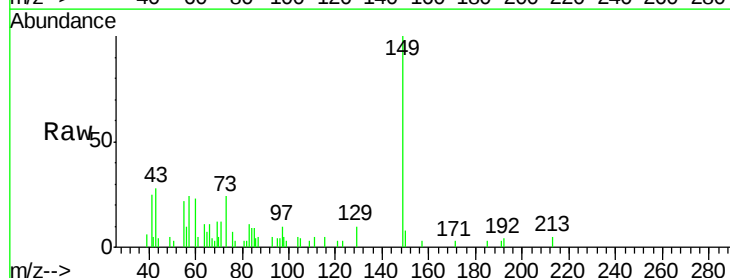
Tgt Ion:149 Resp: 9597

Ion Ratio Lower Upper

149 100

150 7.6 8.1 12.1#

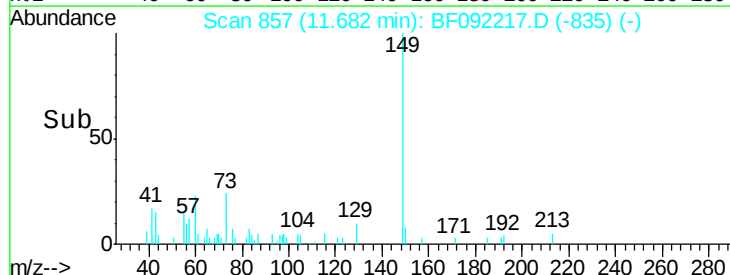
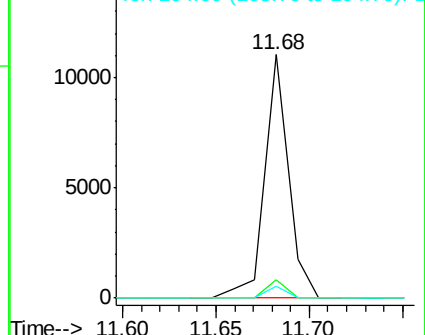
104 5.0 4.6 7.0

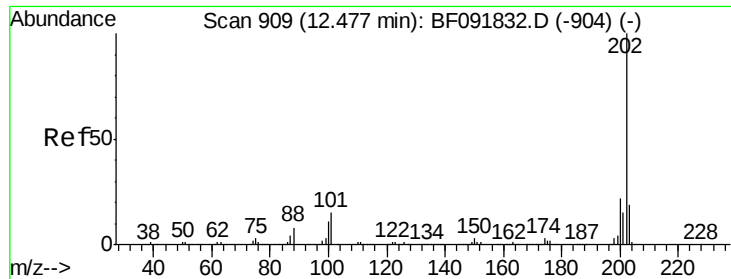


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

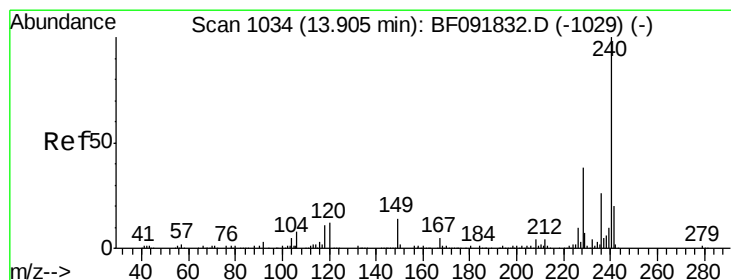
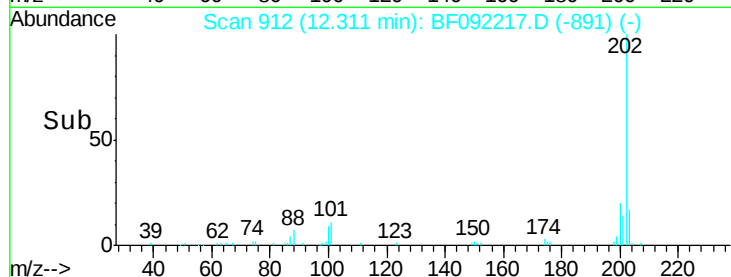
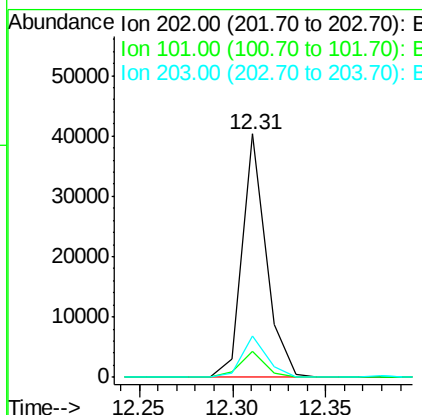
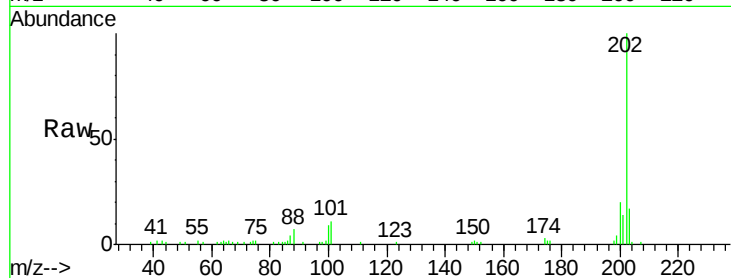




#74
Fluoranthene
Concen: Below Cal
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

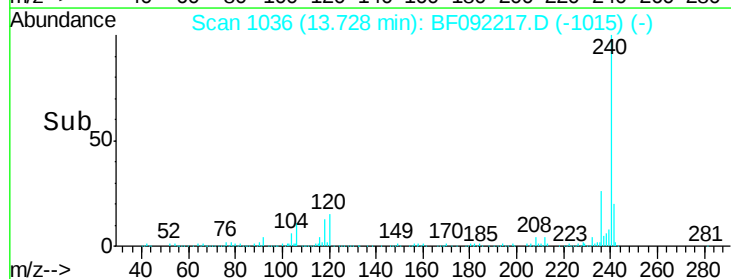
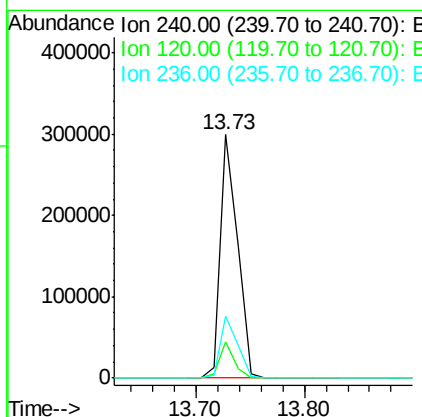
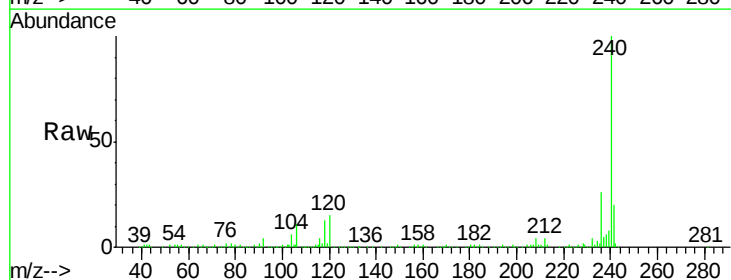
Instrument :
BNA_F
ClientSampled :
COMP-0011

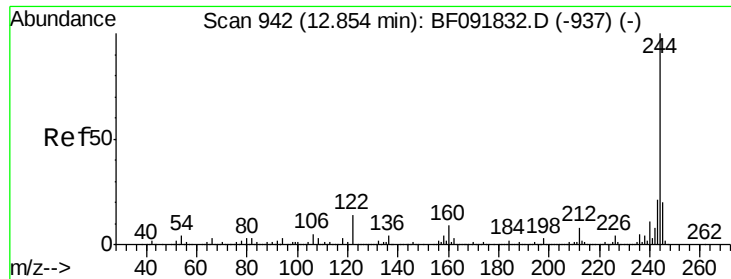
Tgt Ion:202 Resp: 36067
Ion Ratio Lower Upper
202 100
101 10.9 0.0 34.6
203 17.1 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092217.D
Acq: 12 Jan 2017 19:42

Tgt Ion:240 Resp: 331439
Ion Ratio Lower Upper
240 100
120 14.7 12.9 19.3
236 25.7 20.9 31.3

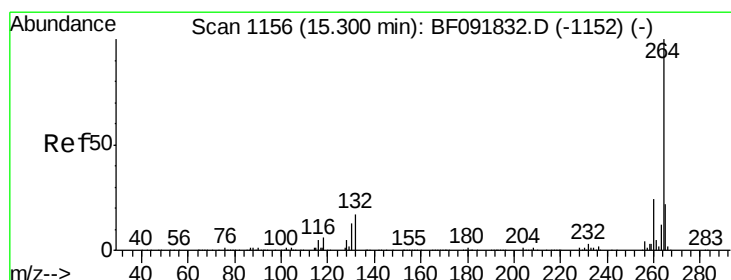
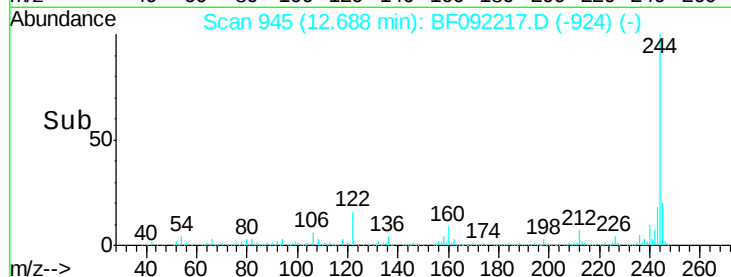
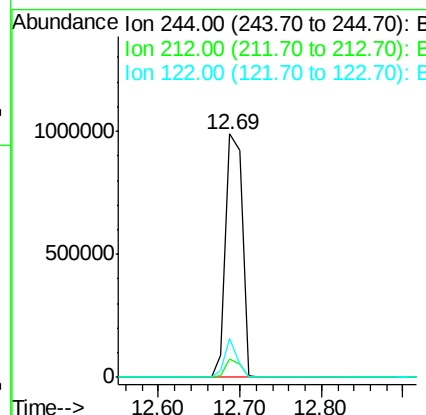
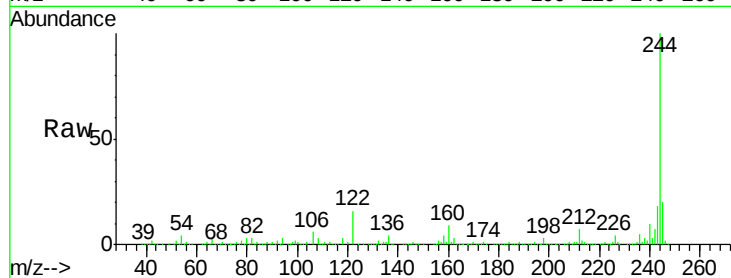




#78
 Terphenyl-d14
 Concen: 101.46 ng
 RT: 12.69 min Scan# 945
 Delta R.T. -0.06 min
 Lab File: BF092217.D
 Acq: 12 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0011

Tgt Ion:244 Resp: 1386567
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 15.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1155
 Delta R.T. -0.06 min
 Lab File: BF092217.D
 Acq: 12 Jan 2017 19:42

Tgt Ion:264 Resp: 355319
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.4 26.0

