

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092336.D
 Acq On : 18 Jan 2017 00:46
 Operator : UM/SJ
 Sample : I1162-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jan 18 03:17:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

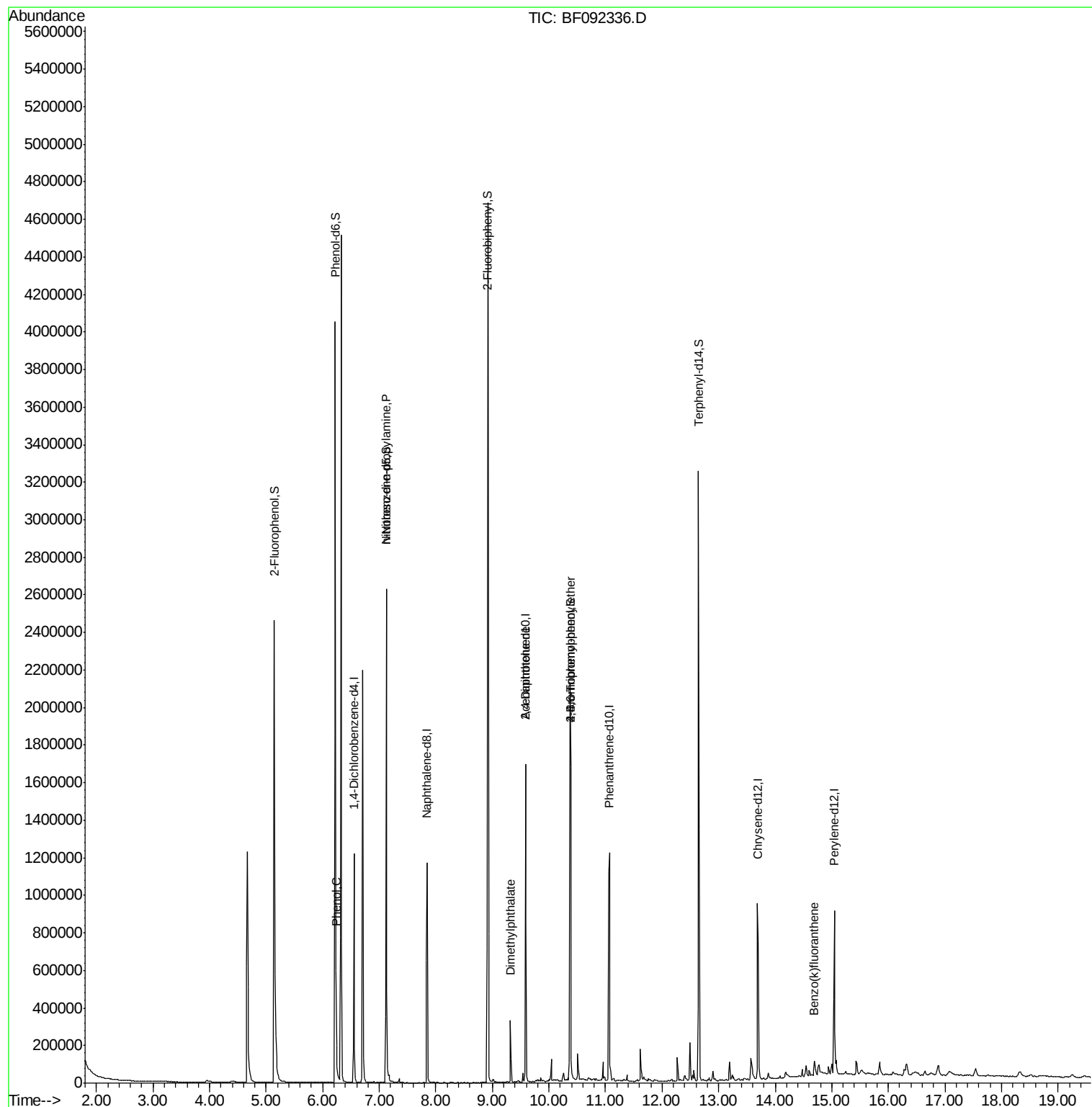
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	185919	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	686238	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	430755	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	664397	20.00	ng	0.00
75) Chrysene-d12	13.69	240	417046	20.00	ng	-0.01
86) Perylene-d12	15.05	264	389921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1250888	112.34	ng	0.01
7) Phenol-d6	6.22	99	1685269	123.97	ng	0.00
23) Nitrobenzene-d5	7.12	82	895752	72.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	379549	106.47	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1451294	66.18	ng	0.00
78) Terphenyl-d14	12.65	244	1164506	67.72	ng	0.00
Target Compounds						
10) Phenol	6.23	94	83739	5.41	ng	# 70
19) n-Nitroso-di-n-propylamine	7.12	70	116675	12.90	ng	# 77
37) 2-Methylnaphthalene	8.56	142	479	Below Cal	#	80
49) Dimethylphthalate	9.32	163	147948	5.37	ng	# 99
56) 2,4-Dinitrotoluene	9.58	165	54527	7.20	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	22037	3.19	ng	# 1
71) Anthracene	11.09	178	21971	Below Cal	#	98
73) Di-n-butylphthalate	11.64	149	4021	Below Cal	#	92
74) Fluoranthene	12.27	202	62455	Below Cal	#	96
88) Benzo(k)fluoranthene	14.69	252	48282	2.33	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

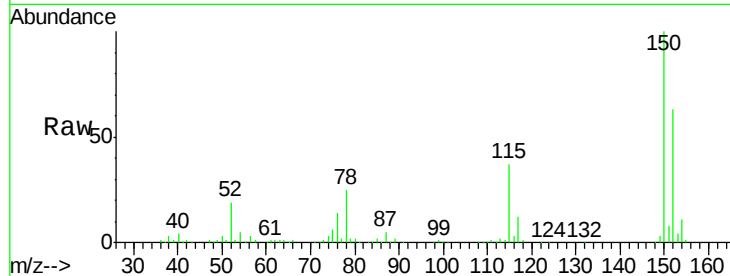
Tgt Ion:152 Resp: 185919

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

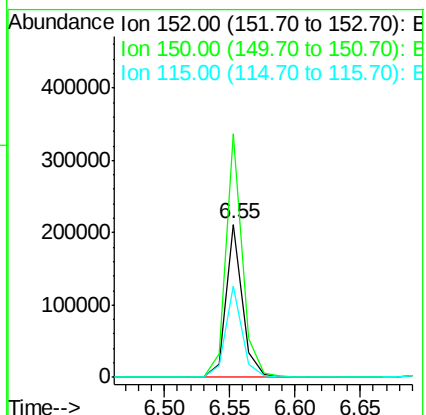
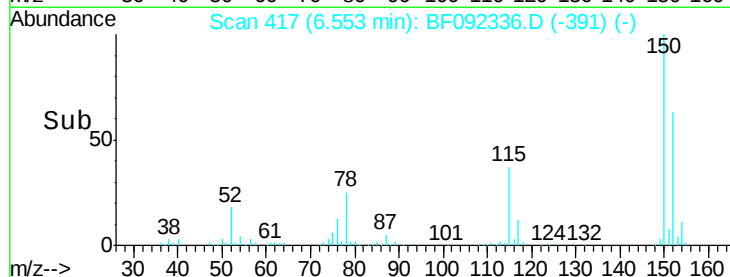
115 59.4 46.0 69.0



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: 112.34 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

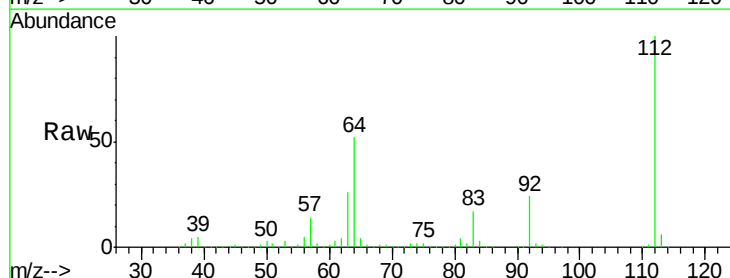
Tgt Ion:112 Resp: 1250888

Ion Ratio Lower Upper

112 100

64 52.0 46.1 69.1

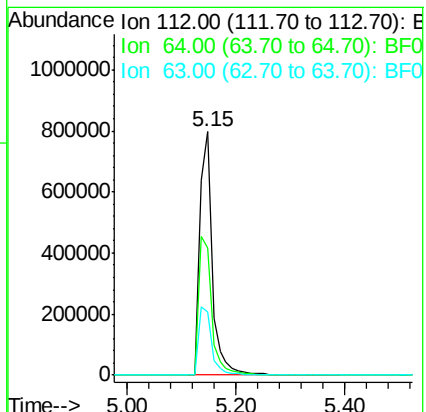
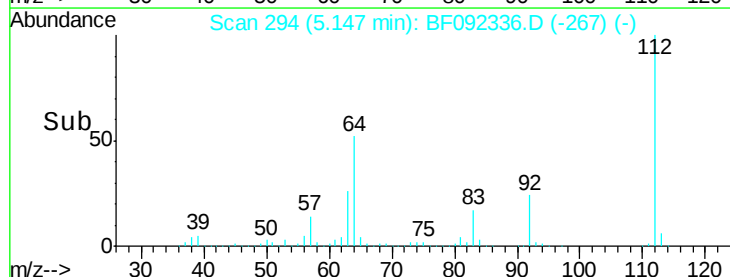
63 25.9 23.8 35.6

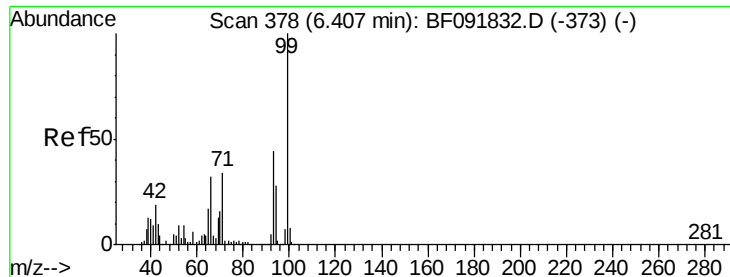


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.97 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

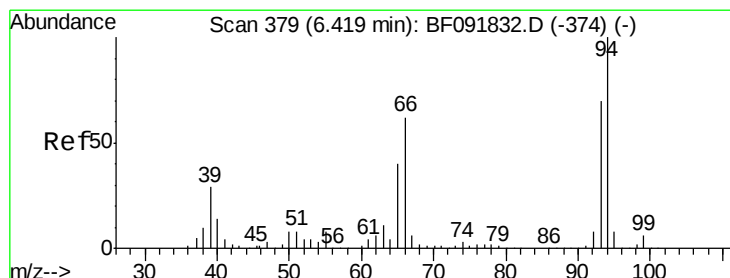
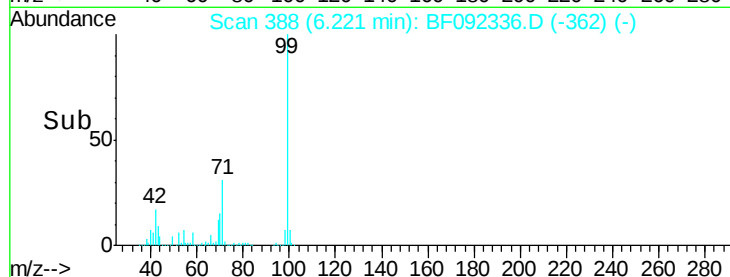
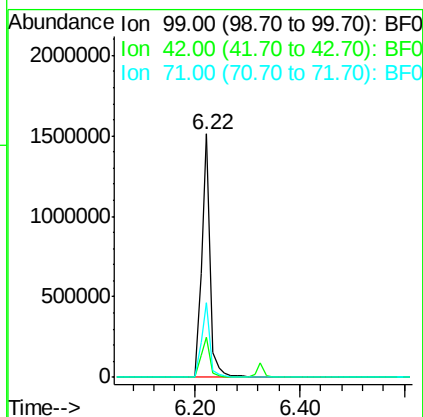
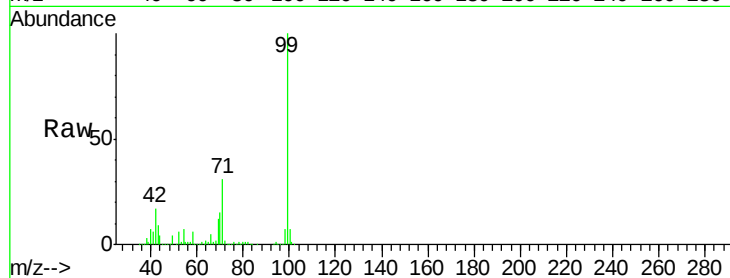
Tgt Ion: 99 Resp: 1685269

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 30.9 27.5 41.3



#10

Phenol

Concen: 5.41 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

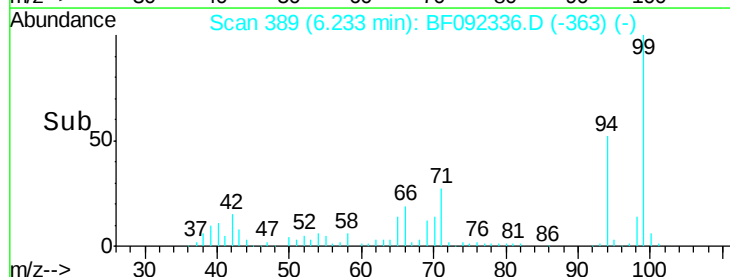
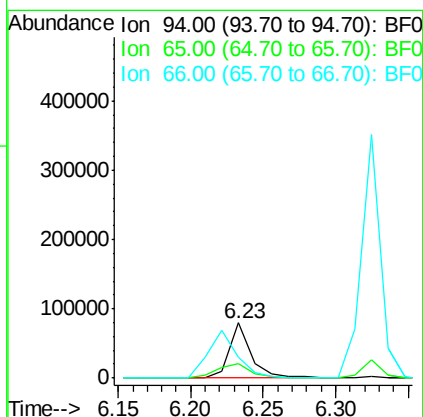
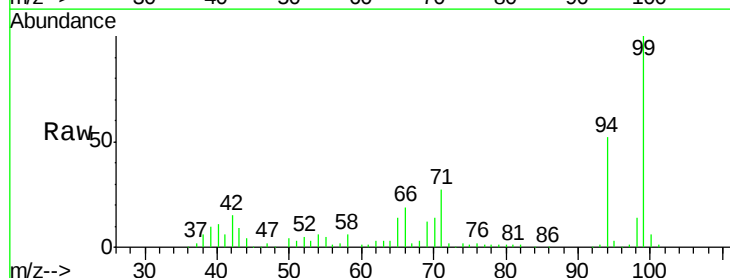
Tgt Ion: 94 Resp: 83739

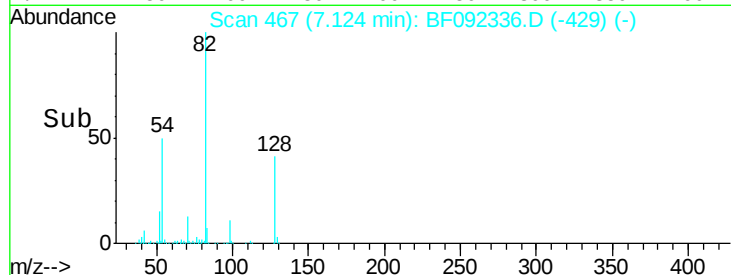
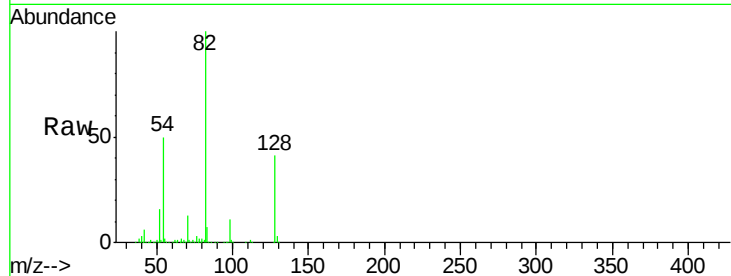
Ion Ratio Lower Upper

94 100

65 26.2 21.4 61.4

66 37.3 44.0 84.0#

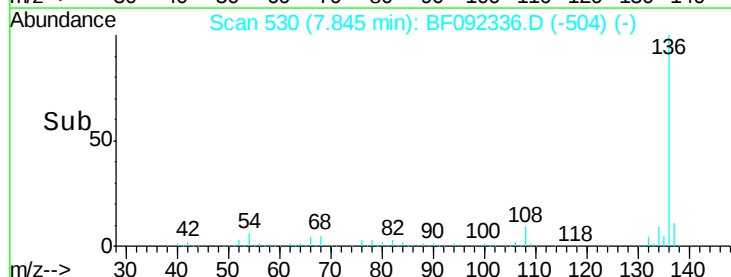
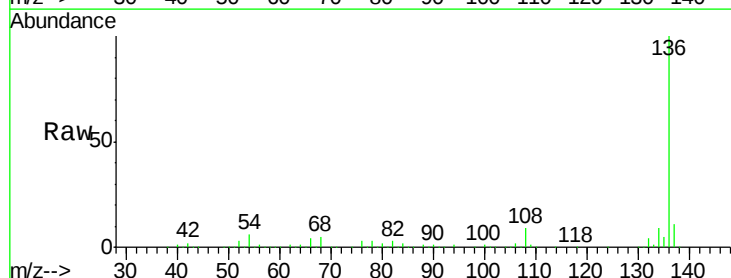
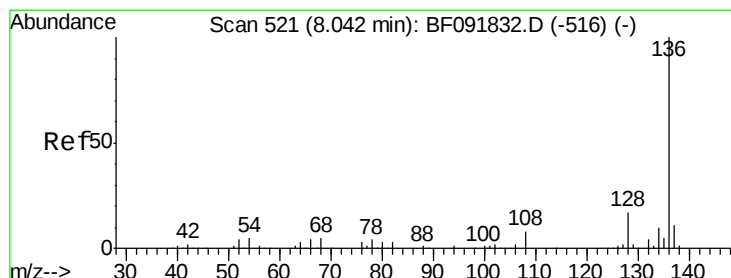
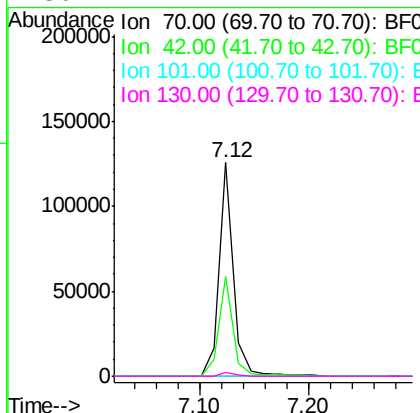




#19
n-Nitroso-di-n-propylamine
Concen: 12.90 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.14 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

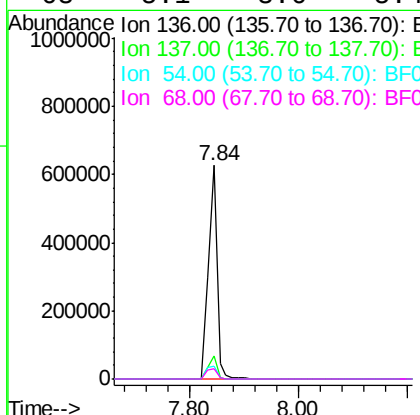
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 70 Resp: 116675
Ion Ratio Lower Upper
70 100
42 46.9 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: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

Tgt Ion: 136 Resp: 686238
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 5.7 4.5 6.7
68 5.1 3.6 5.4

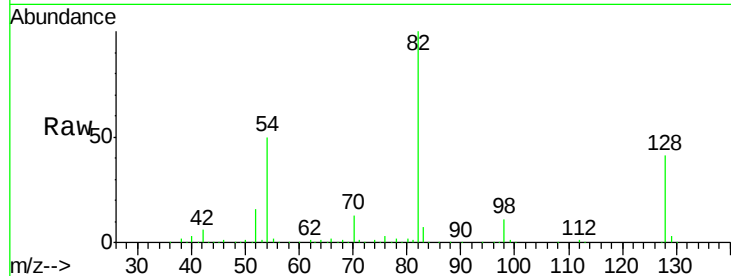




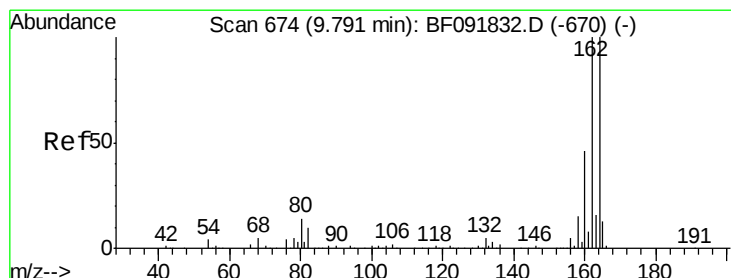
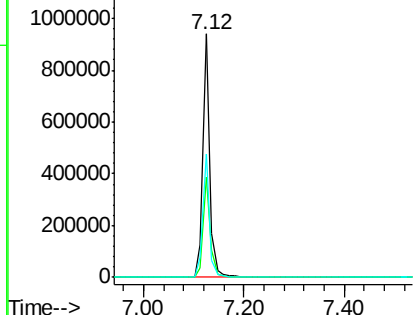
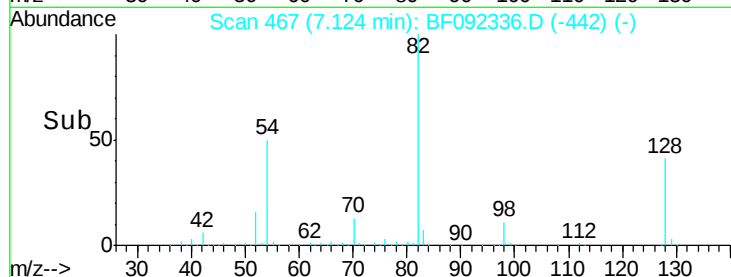
#23
 Nitrobenzene-d5
 Concen: 72.58 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion: 82 Resp: 895752
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 50.4 39.5 59.3

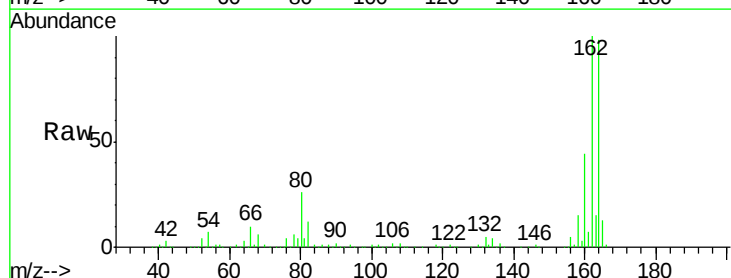


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

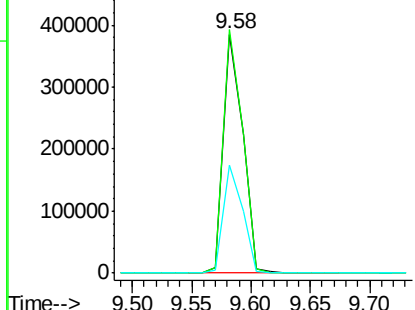
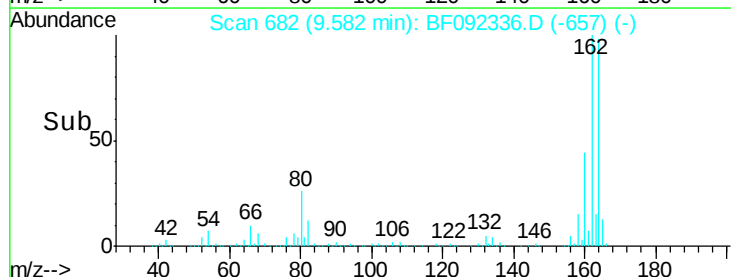


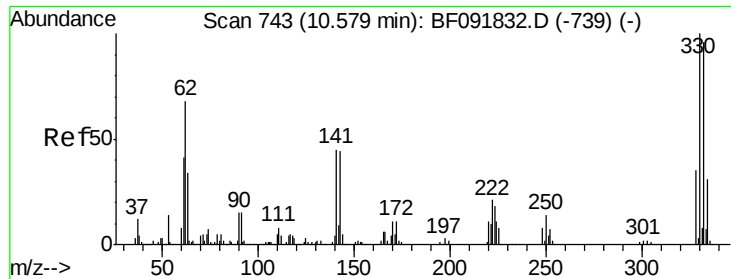
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Tgt Ion: 164 Resp: 430755
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 45.2 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

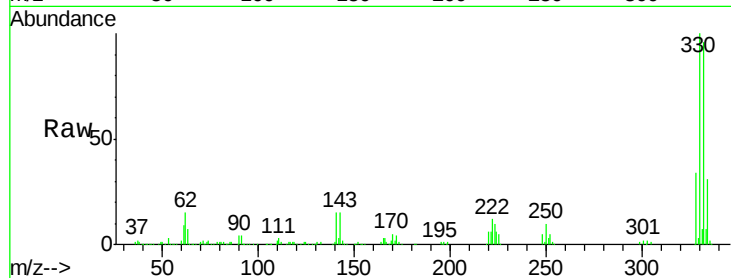




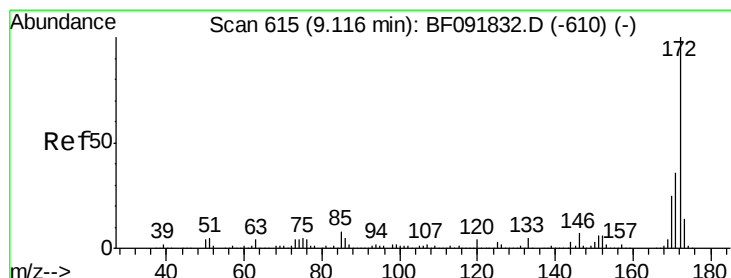
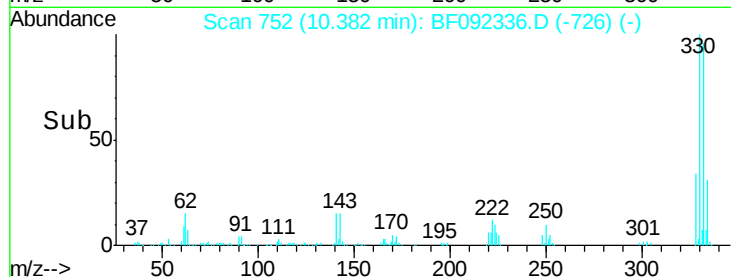
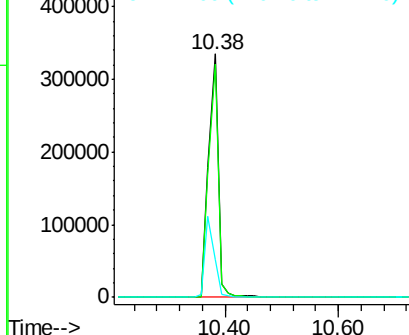
#41
 2,4,6-Tribromophenol
 Concen: 106.47 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:330 Resp: 379549
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 31.8 34.1 51.1#

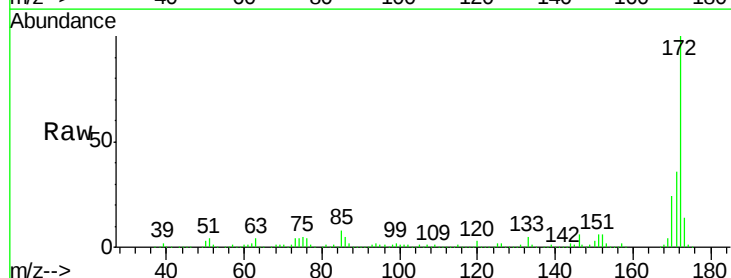


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

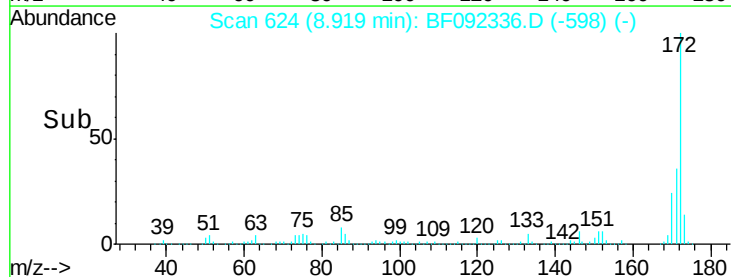
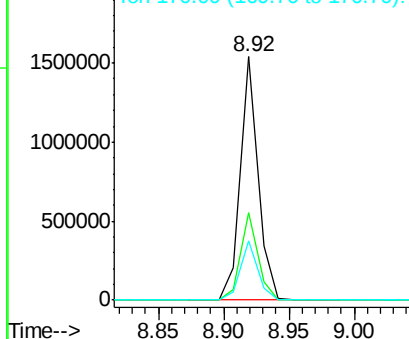


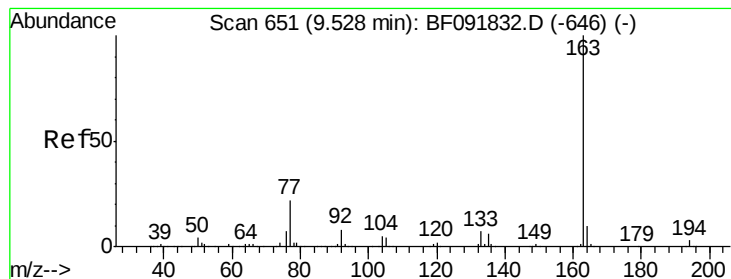
#44
 2-Fluorobiphenyl
 Concen: 66.18 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092336.D
 Acq: 18 Jan 2017 00:46

Tgt Ion:172 Resp: 1451294
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 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: 5.37 ng

RT: 9.32 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

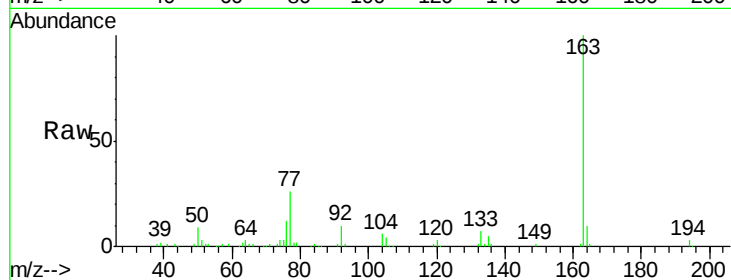
Tgt Ion:163 Resp: 147948

Ion Ratio Lower Upper

163 100

194 2.8 3.0 4.4#

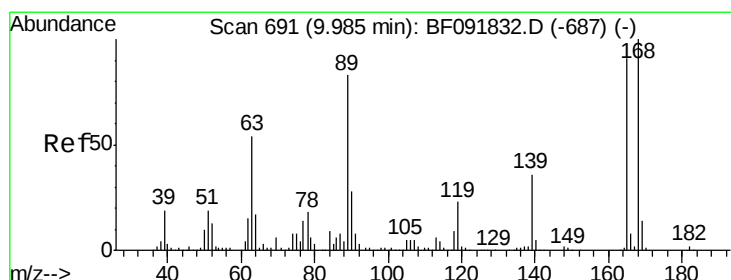
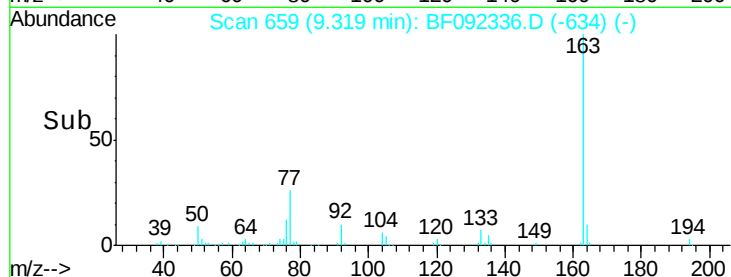
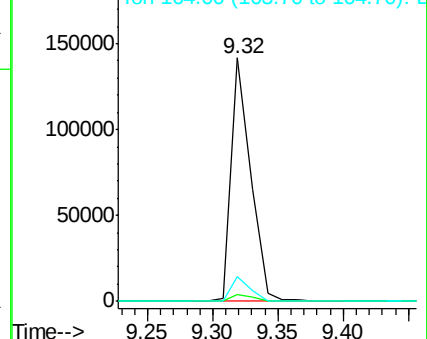
164 9.9 8.0 12.0



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: 7.20 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Tgt Ion:165 Resp: 54527

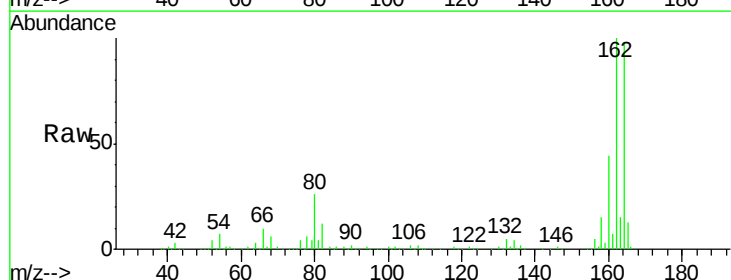
Ion Ratio Lower Upper

165 100

63 0.8 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

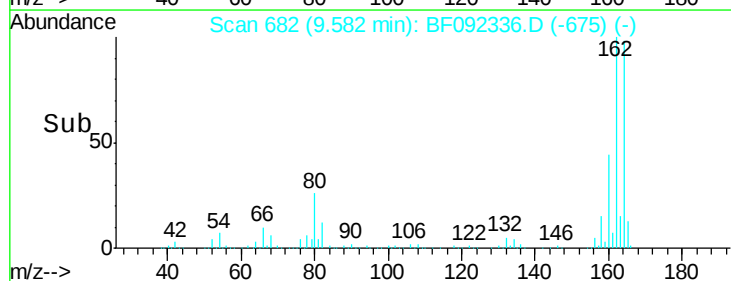
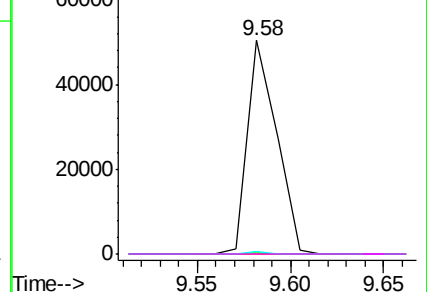


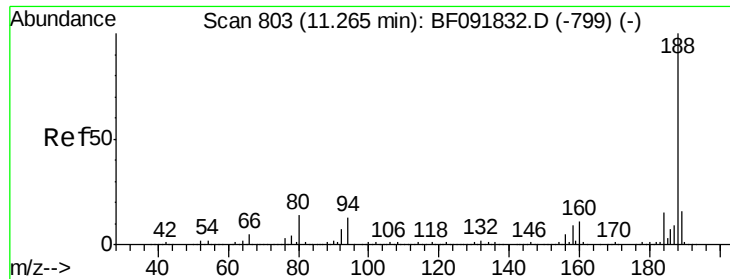
Abundance Ion 165.00 (164.70 to 165.70): E

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

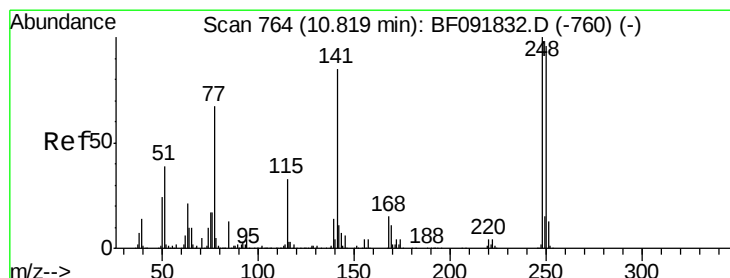
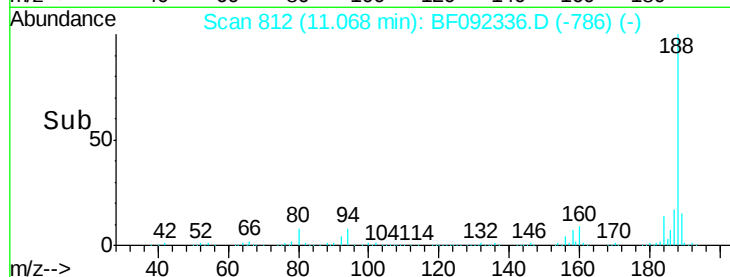
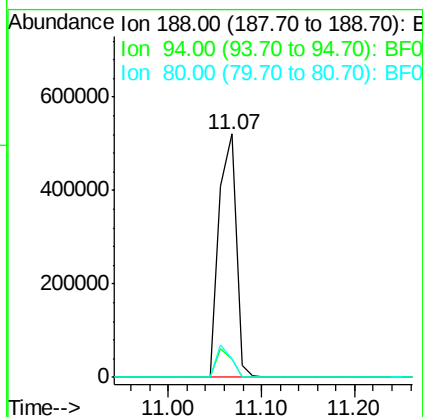
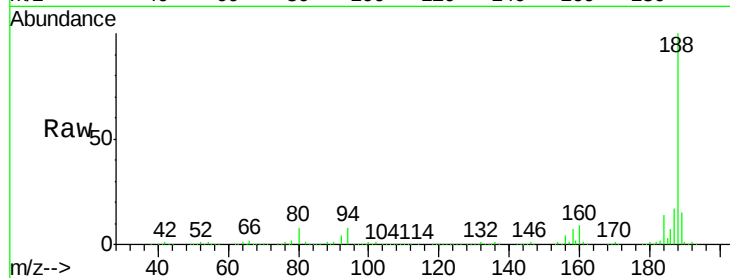




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

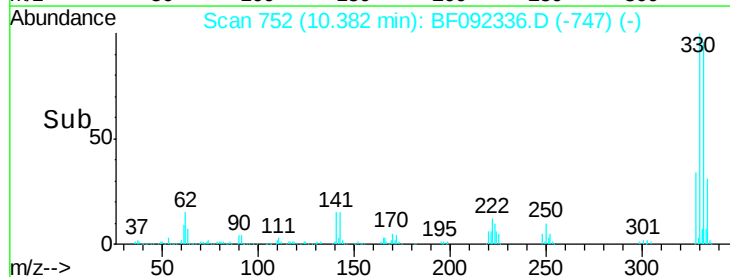
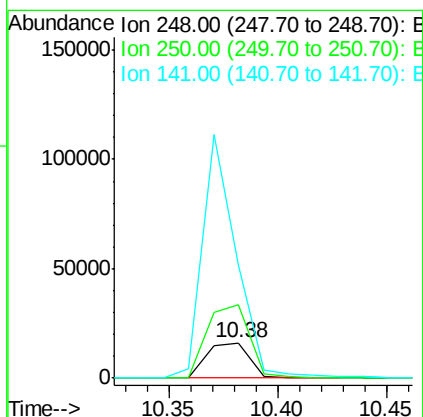
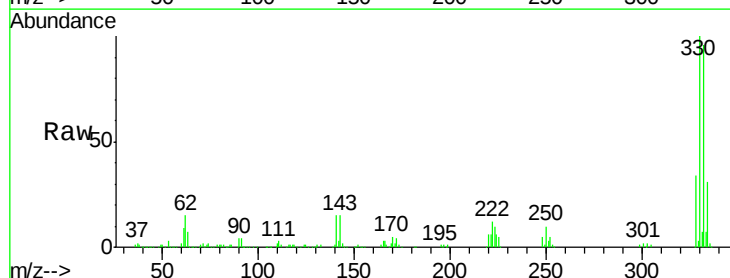
Instrument :
BNA_F
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SB-03-COMP

Tgt Ion:188 Resp: 664397
Ion Ratio Lower Upper
188 100
94 7.6 10.0 15.0#
80 7.6 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

Tgt Ion:248 Resp: 22037
Ion Ratio Lower Upper
248 100
250 207.2 76.9 115.3#
141 319.2 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

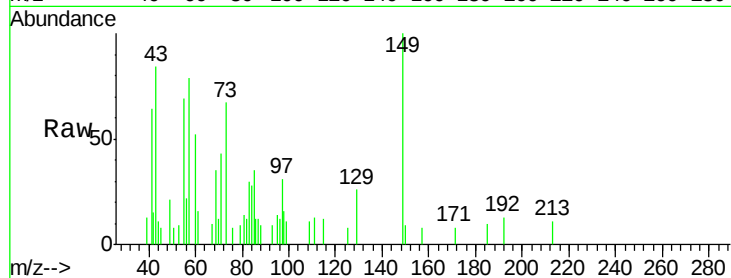
Tgt Ion:149 Resp: 4021

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

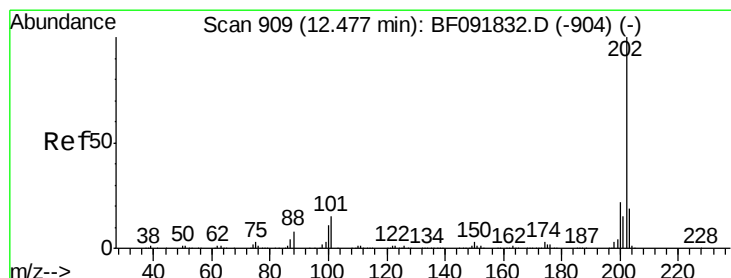
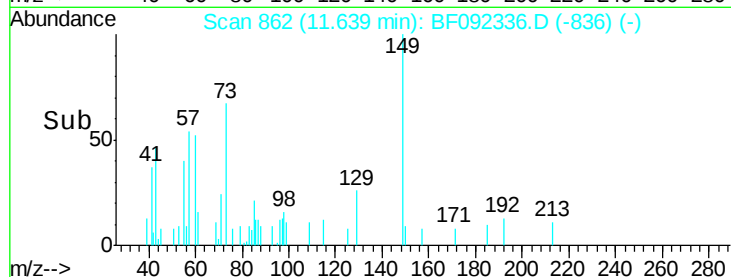
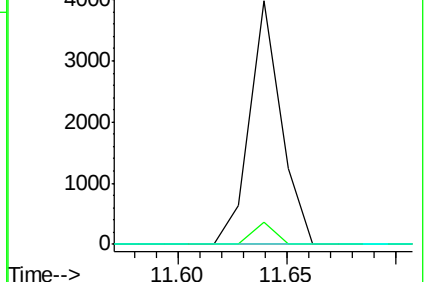
104 0.0 4.6 7.0#



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: 12.27 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

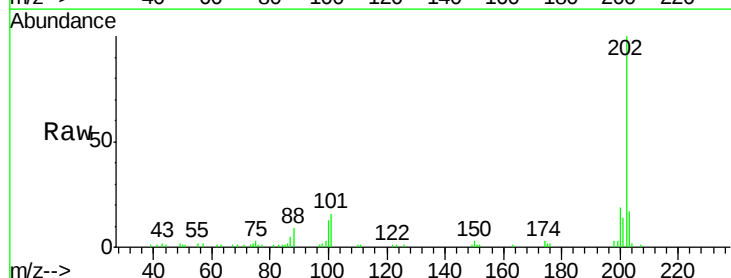
Tgt Ion:202 Resp: 62455

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.6

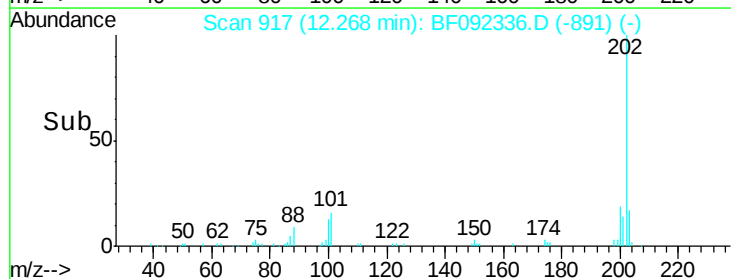
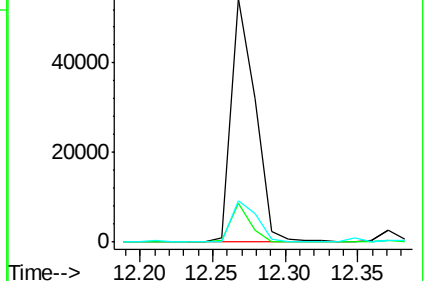
203 16.9 0.0 38.7

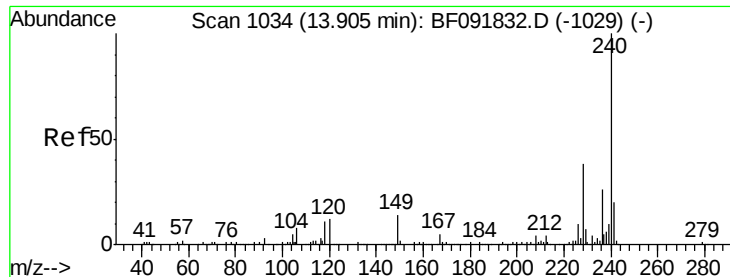


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

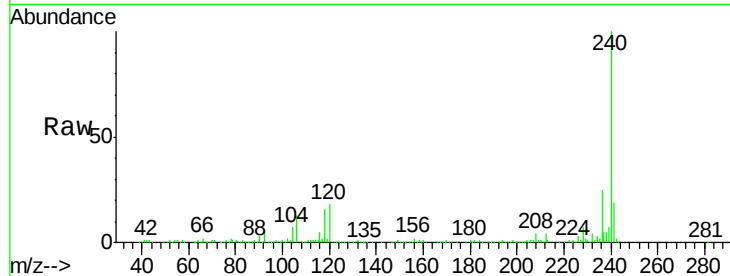
Tgt Ion:240 Resp: 417046

Ion Ratio Lower Upper

240 100

120 18.5 12.9 19.3

236 25.3 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

13.69

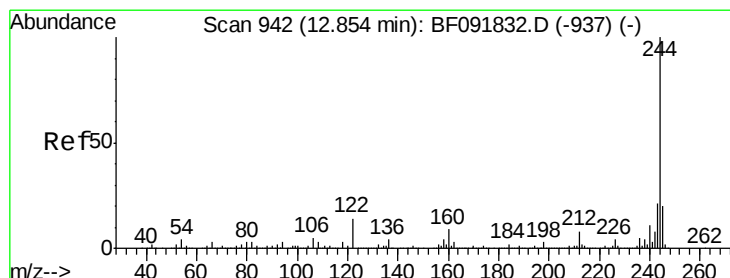
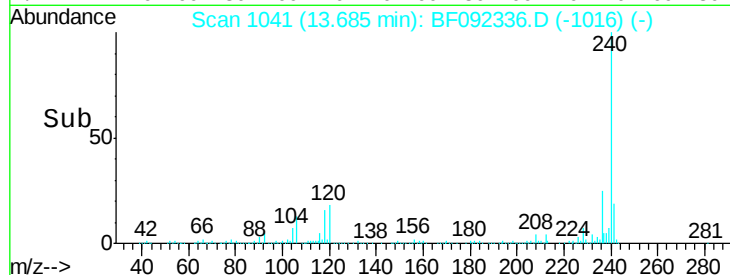
300000

200000

100000

0

Time--> 13.60 13.70 13.80



#78

Terphenyl-d14

Concen: 67.72 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092336.D

Acq: 18 Jan 2017 00:46

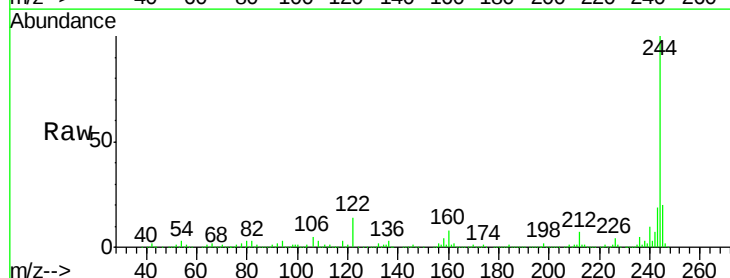
Tgt Ion:244 Resp: 1164506

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 14.5 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

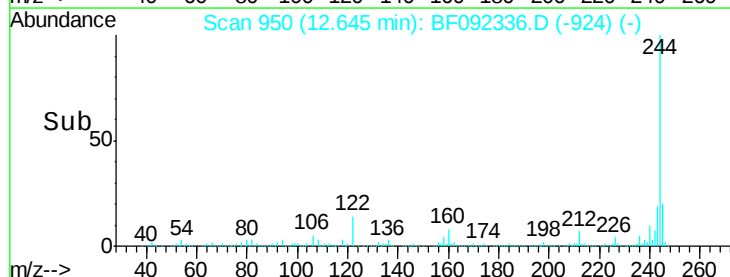
12.65

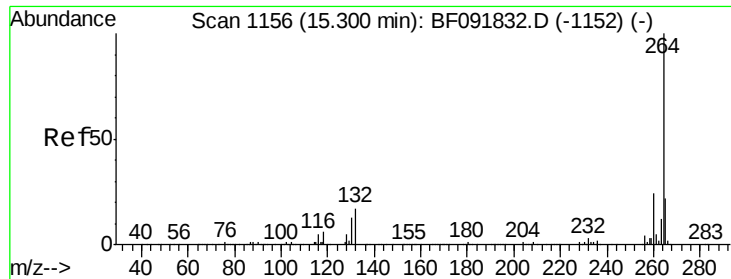
1000000

500000

0

Time--> 12.60 12.70 12.80



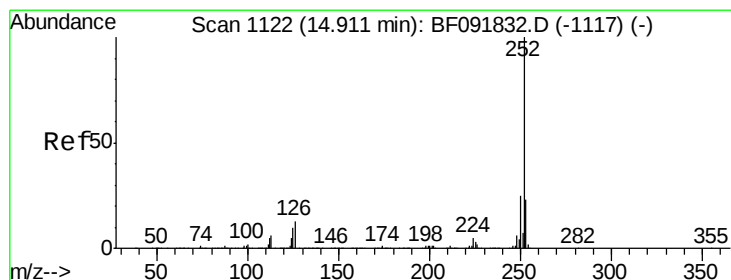
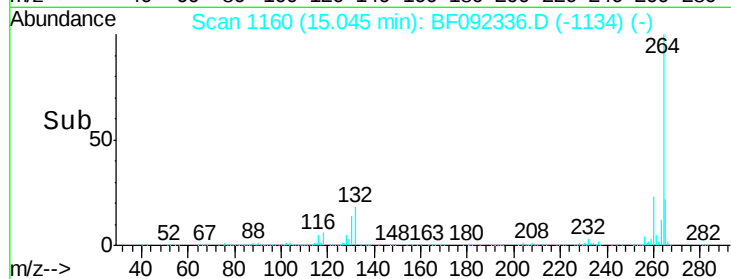
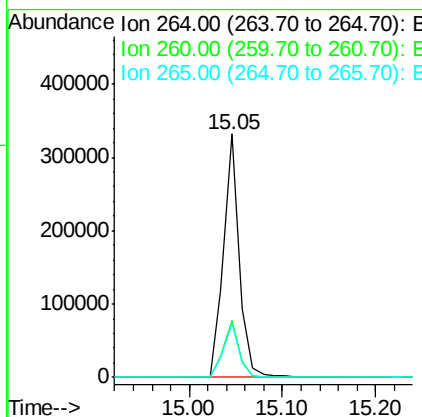
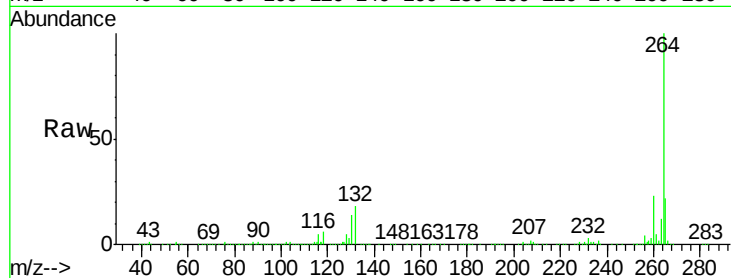


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 264 Resp: 389921

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.4	26.0



#88
Benzo(k)fluoranthene
Concen: 2.33 ng
RT: 14.69 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF092336.D
Acq: 18 Jan 2017 00:46

Tgt Ion: 252 Resp: 48282

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	12.2	8.9	13.3

