

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092276.D
 Acq On : 14 Jan 2017 11:02
 Operator : UM/SJ
 Sample : I1162-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

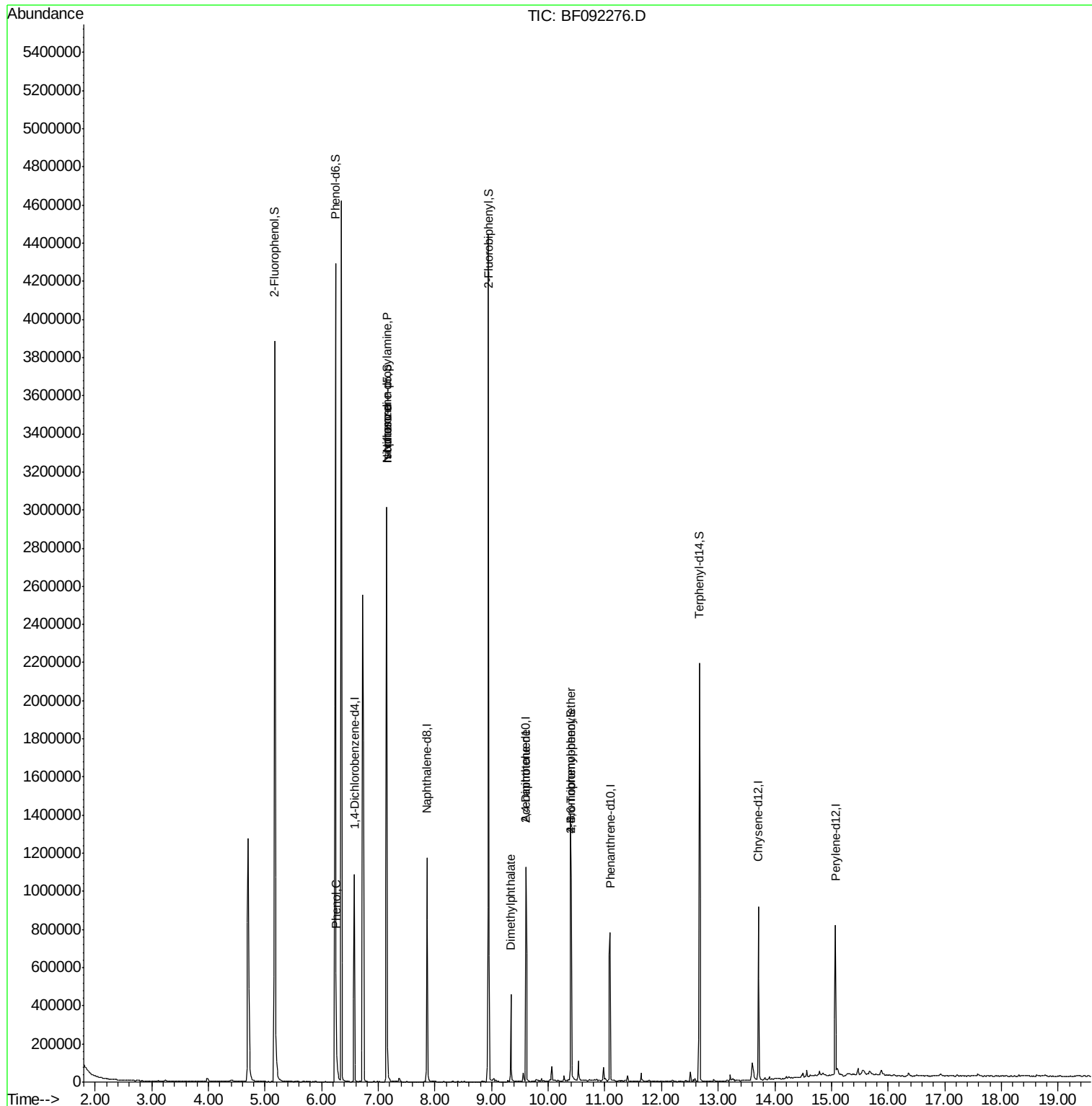
Quant Time: Jan 16 03:17:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

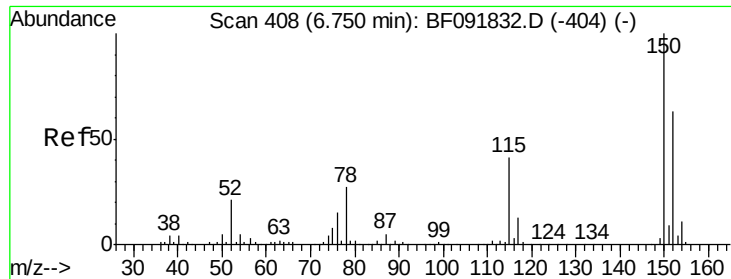
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	190885	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	747557	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	307142	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	415936	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	388871	20.00	ng	-0.02
86) Perylene-d12	15.07	264	336435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1186302	103.77	ng	0.00
7) Phenol-d6	6.24	99	1679650	120.34	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1067846	79.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	242864	95.55	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1434132	97.58	ng	-0.01
78) Terphenyl-d14	12.67	244	791105	49.34	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	87937	5.53	ng	# 68
19) n-Nitroso-di-n-propylamine	7.15	70	140010	15.08	ng	# 76
25) Isophorone	7.15	82	1057451	42.63	ng	# 65
49) Dimethylphthalate	9.34	163	180636	9.20	ng	99
56) 2,4-Dinitrotoluene	9.60	165	39234	7.27	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	13934	3.22	ng	# 1
71) Anthracene	11.11	178	606	Below Cal		# 59
73) Di-n-butylphthalate	11.66	149	938	Below Cal		# 76
74) Fluoranthene	12.29	202	595	Below Cal		61

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

```
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Sample    : I1162-06  
Misc      :  
ALS Vial  : 35      Sample Multiplier: 1
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Quant Time: Jan 16 03:17:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

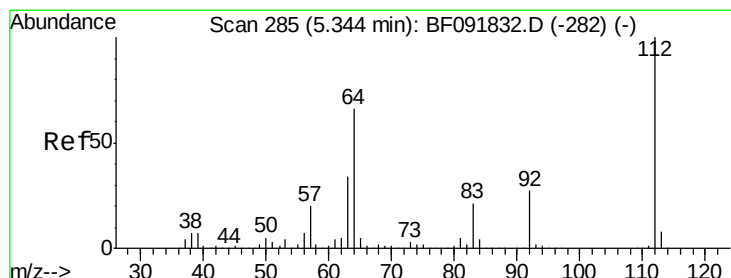
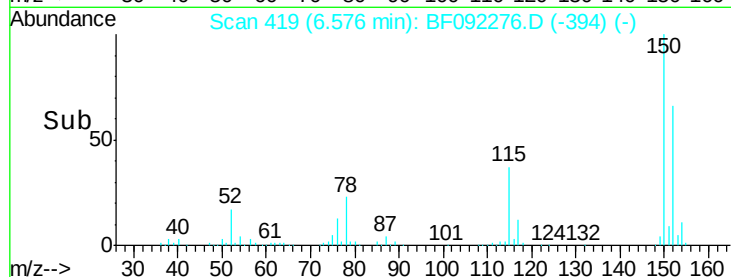
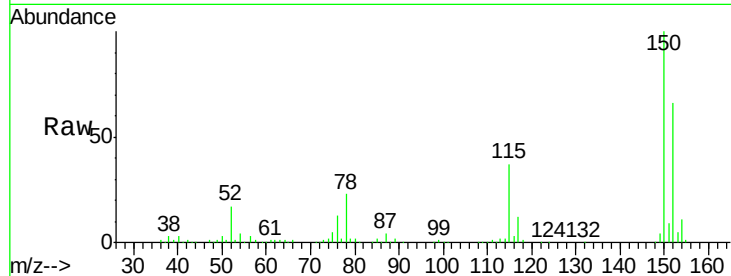
Tgt Ion:152 Resp: 190885

Ion Ratio Lower Upper

152 100

150 152.0 124.9 187.3

115 56.1 46.0 69.0



#5

2-Fluorophenol

Concen: 103.77 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

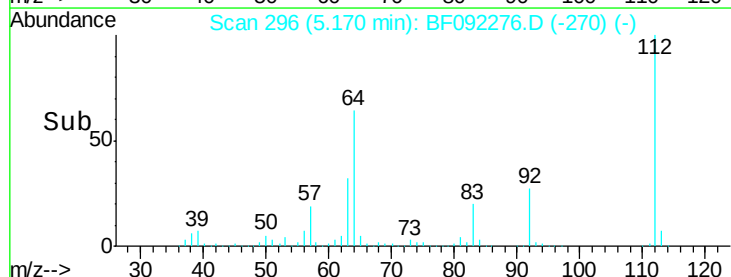
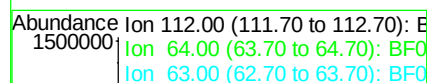
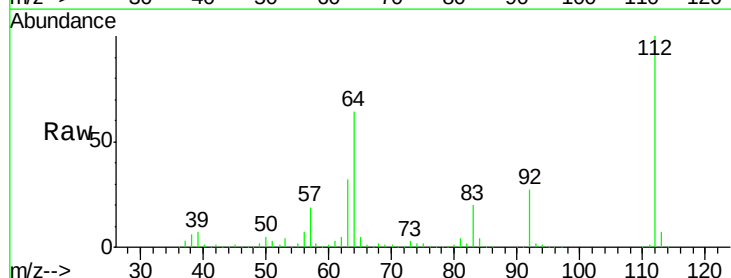
Tgt Ion:112 Resp: 1186302

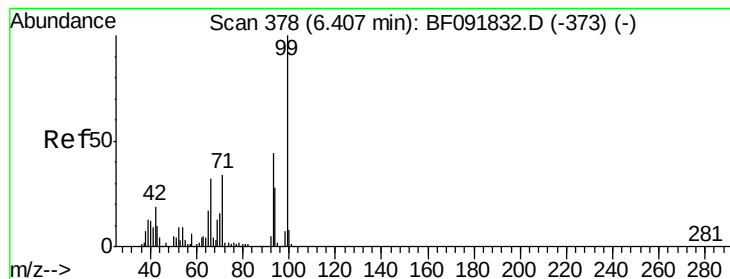
Ion Ratio Lower Upper

112 100

64 63.7 46.1 69.1

63 32.5 23.8 35.6





#7

Phenol-d6

Concen: 120.34 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

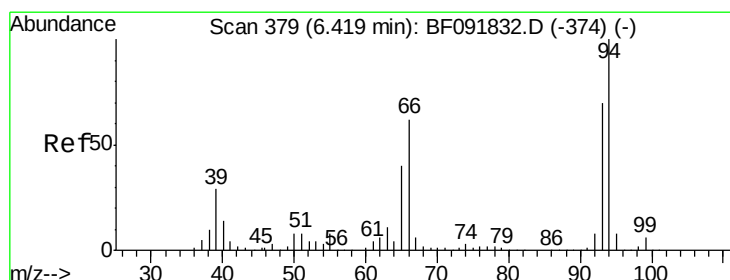
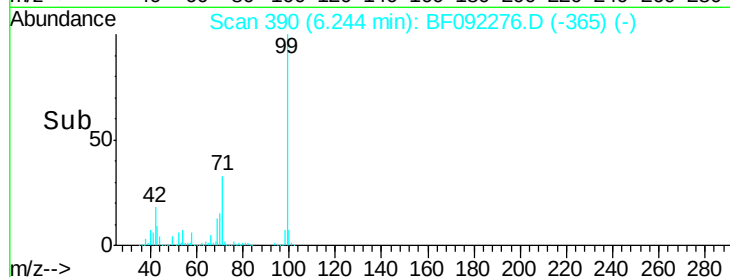
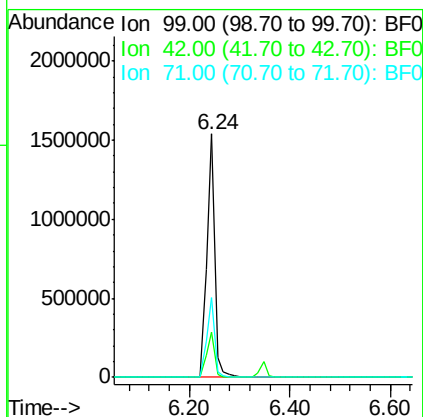
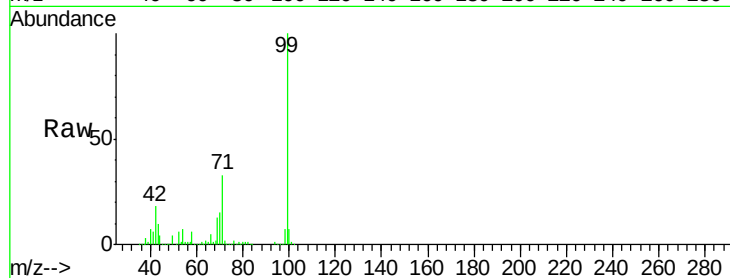
Tgt Ion: 99 Resp: 1679650

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

71 32.9 27.5 41.3



#10

Phenol

Concen: 5.53 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

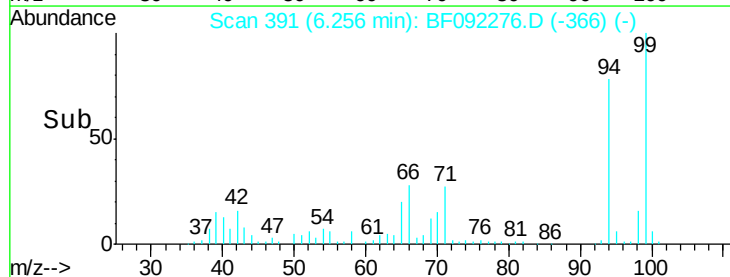
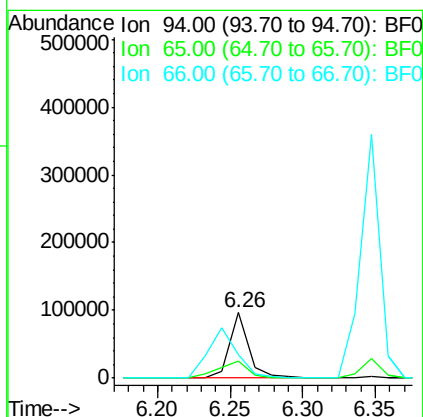
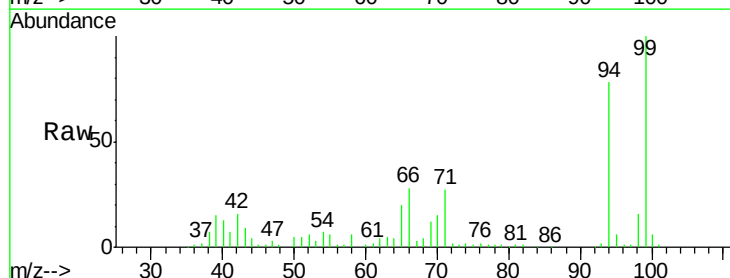
Tgt Ion: 94 Resp: 87937

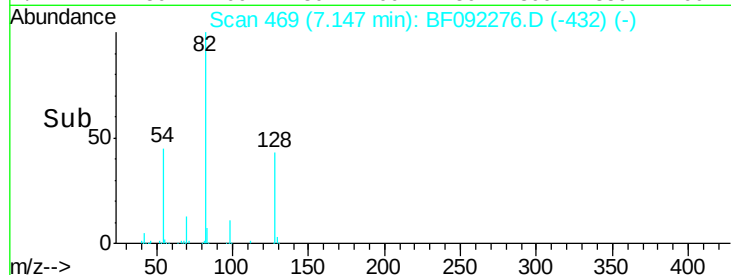
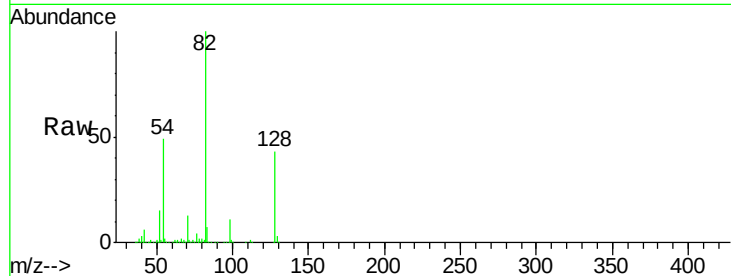
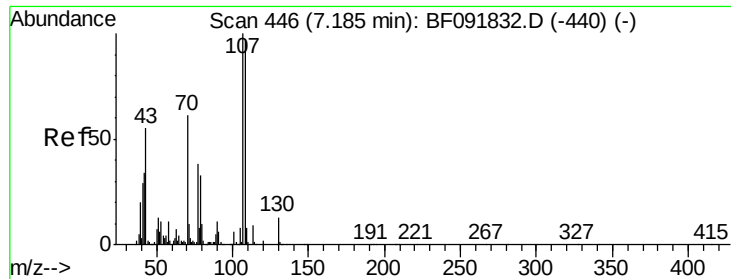
Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

66 35.5 44.0 84.0#

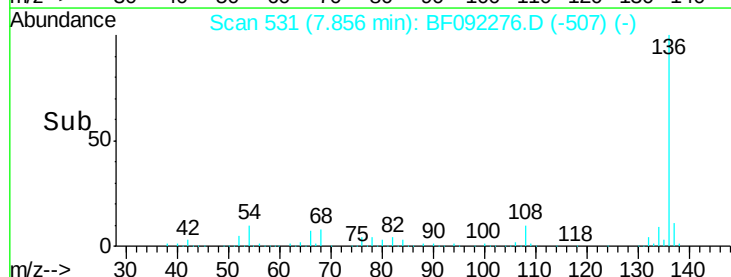
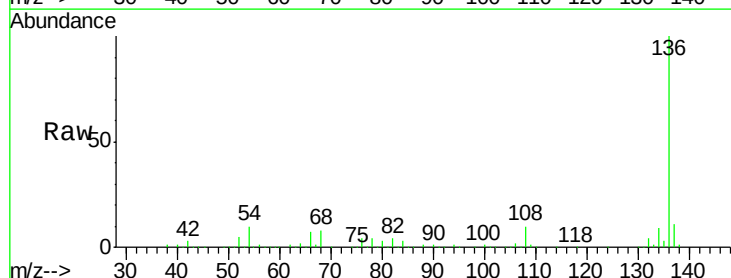
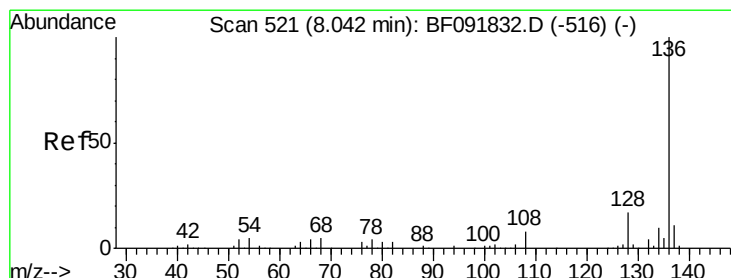
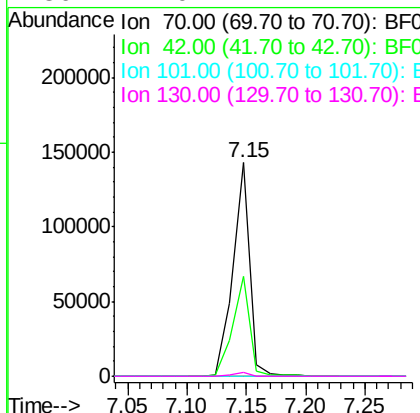




#19
n-Nitroso-di-n-propylamine
Concen: 15.08 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092276.D
Acq: 14 Jan 2017 11:02

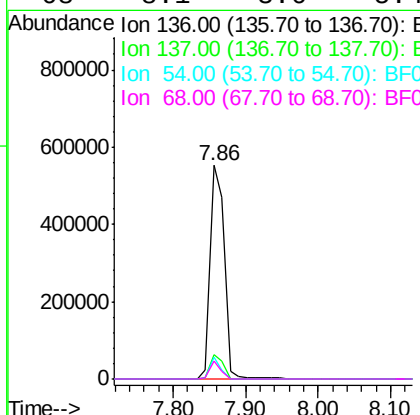
Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

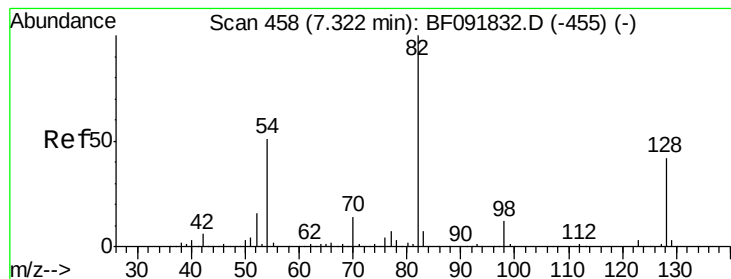
Tgt Ion: 70 Resp: 140010
Ion Ratio Lower Upper
70 100
42 46.5 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092276.D
Acq: 14 Jan 2017 11:02

Tgt Ion: 136 Resp: 747557
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 10.4 4.5 6.7#
68 8.1 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 79.43 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

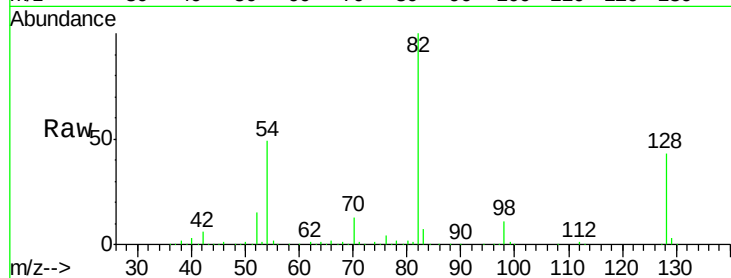
Tgt Ion: 82 Resp: 1067846

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

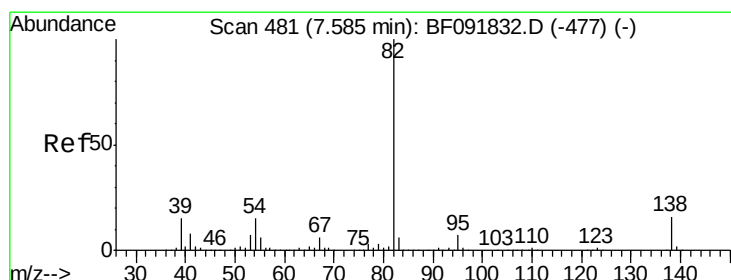
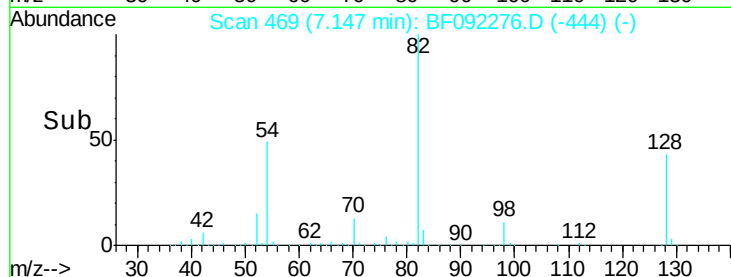
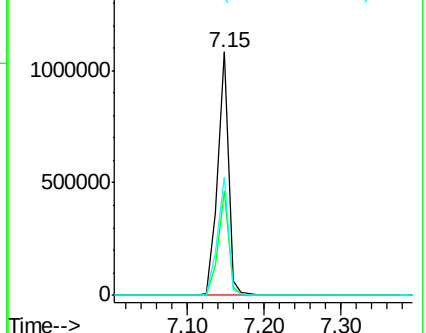
54 48.5 39.5 59.3



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: 42.63 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

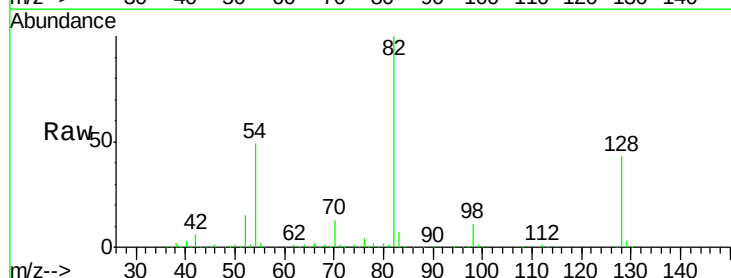
Tgt Ion: 82 Resp: 1057451

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

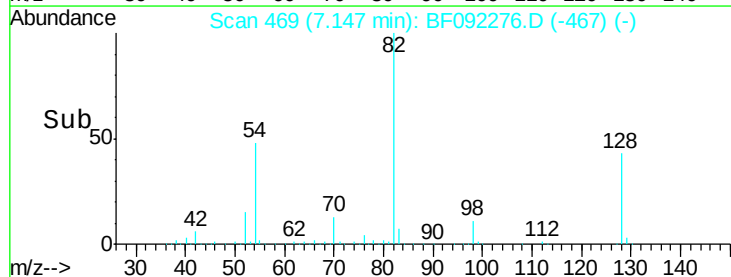
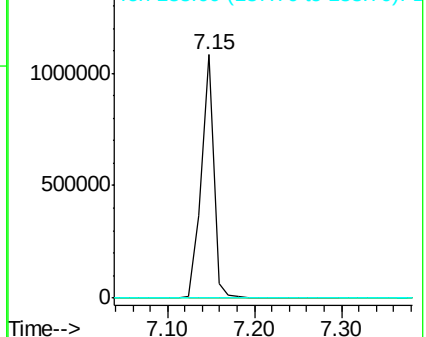
138 0.0 14.6 22.0#

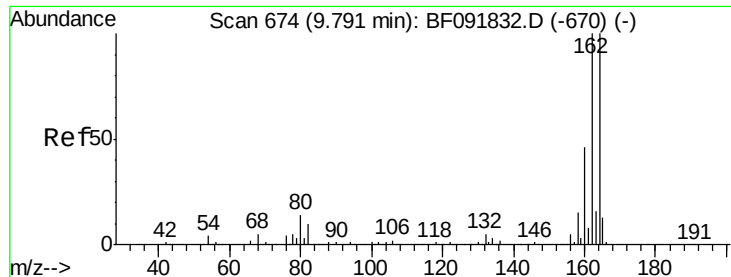


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

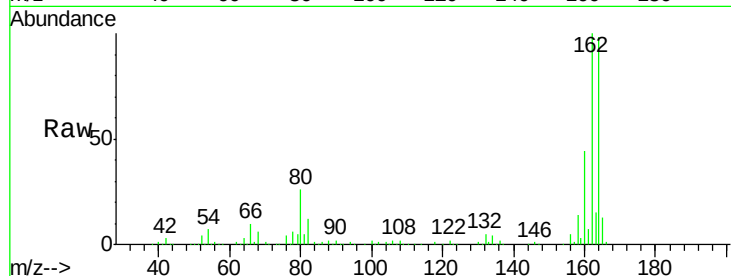
Tgt Ion:164 Resp: 307142

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

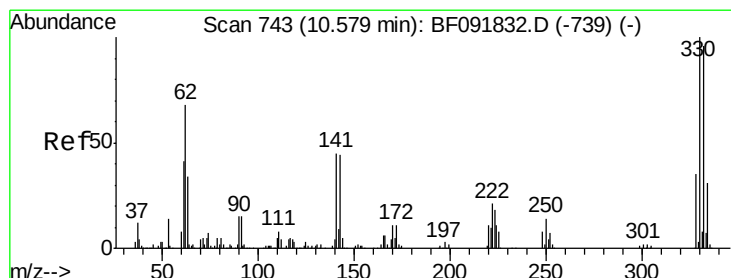
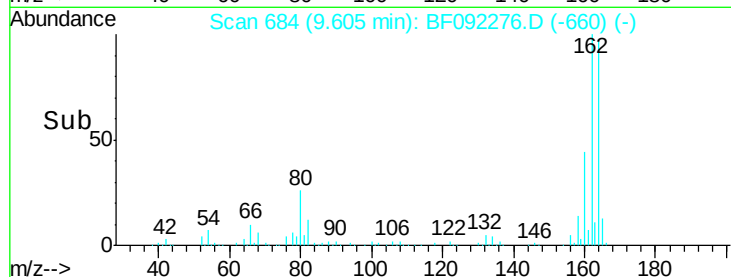
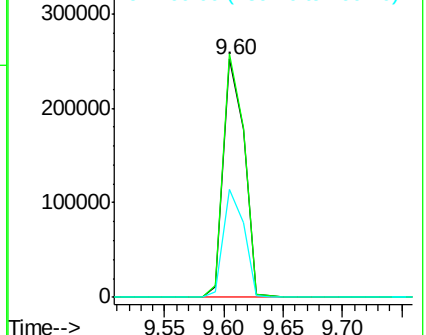
160 45.1 36.9 55.3



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: 95.55 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

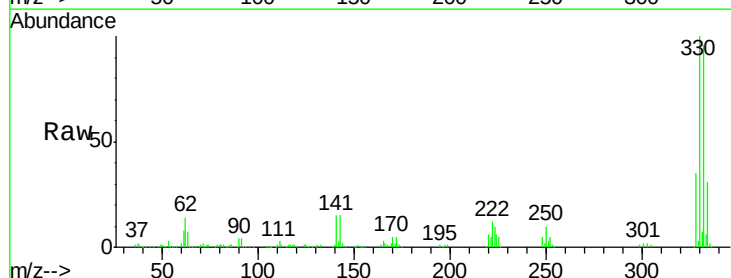
Tgt Ion:330 Resp: 242864

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

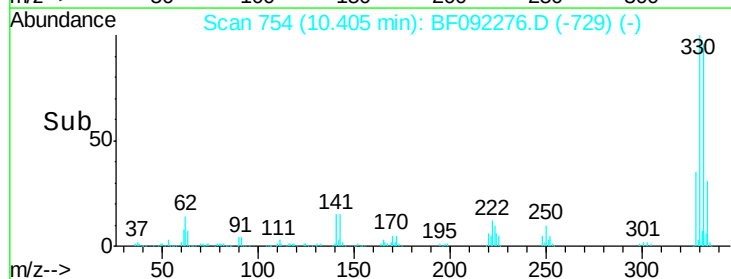
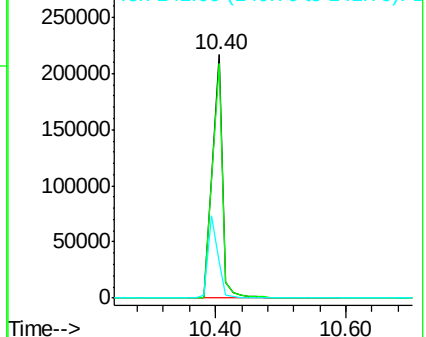
141 32.8 34.1 51.1#

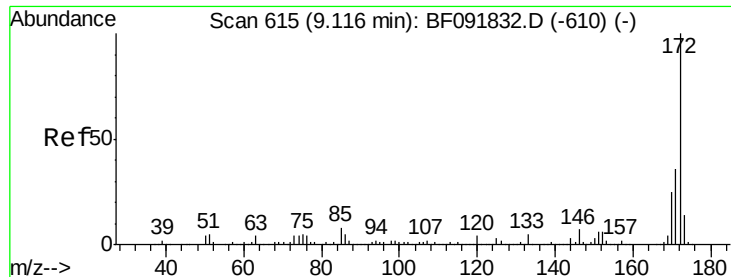


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

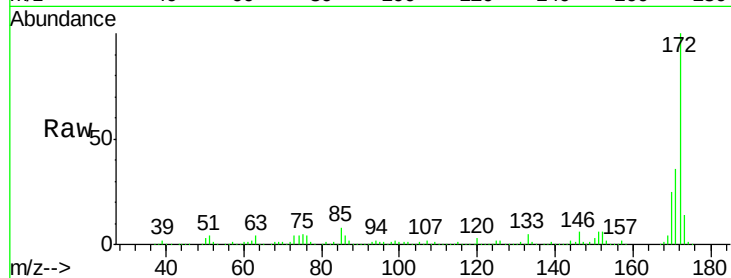




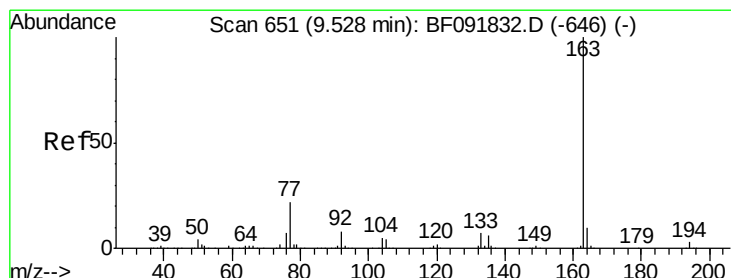
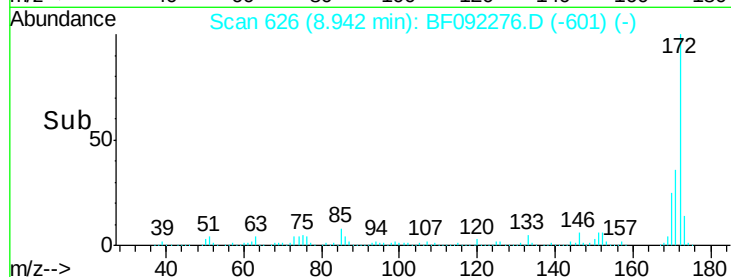
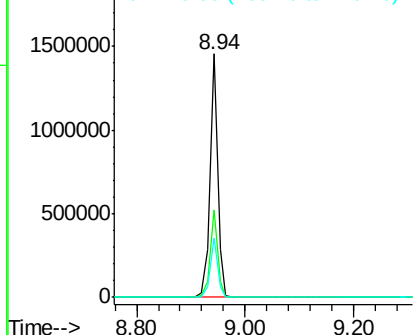
#44
 2-Fluorobiphenyl
 Concen: 97.58 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092276.D
 Acq: 14 Jan 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tgt Ion:172 Resp: 1434132
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 20.2 30.4

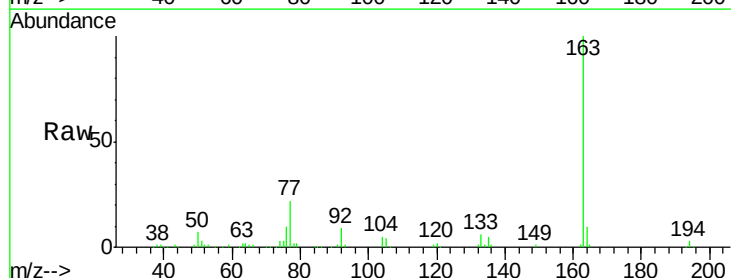


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

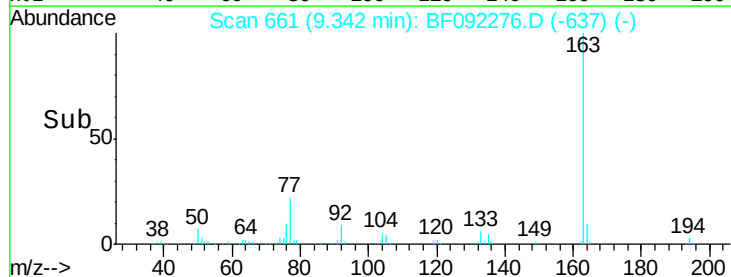
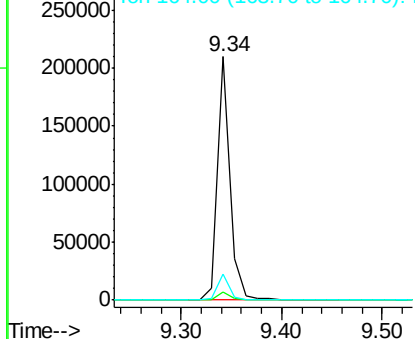


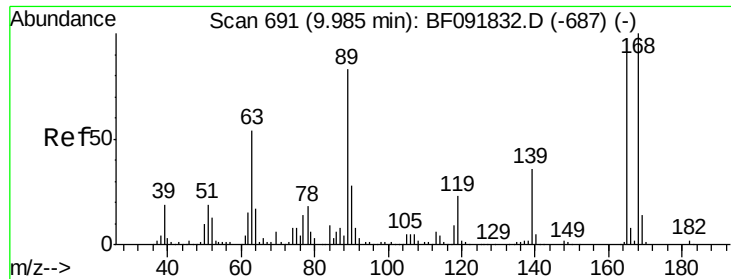
#49
 Dimethylphthalate
 Concen: 9.20 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092276.D
 Acq: 14 Jan 2017 11:02

Tgt Ion:163 Resp: 180636
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.5 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

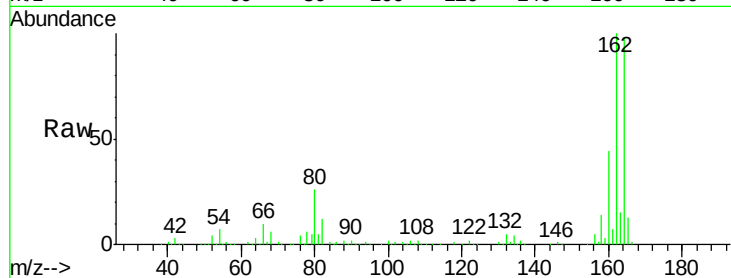




#56
 2,4-Dinitrotoluene
 Concen: 7.27 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF092276.D
 Acq: 14 Jan 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

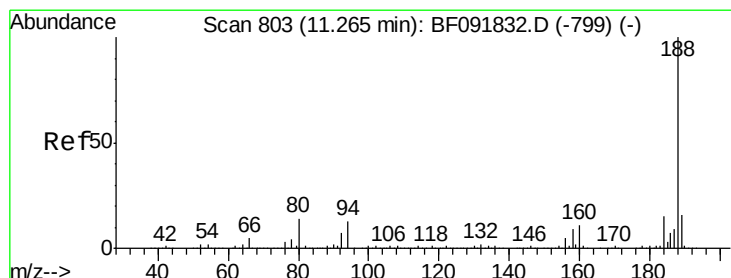
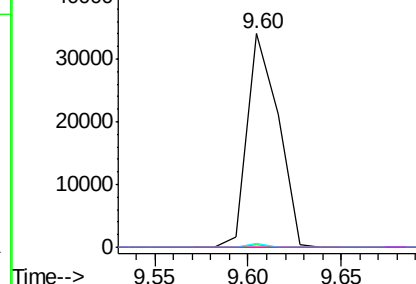
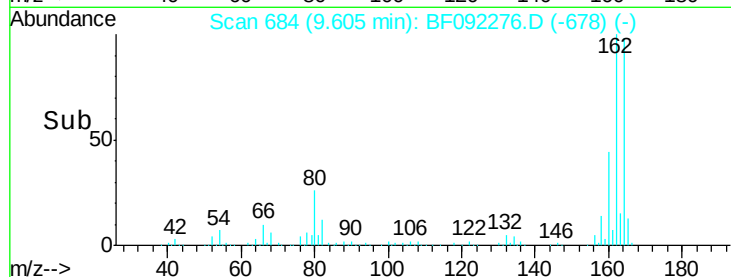


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

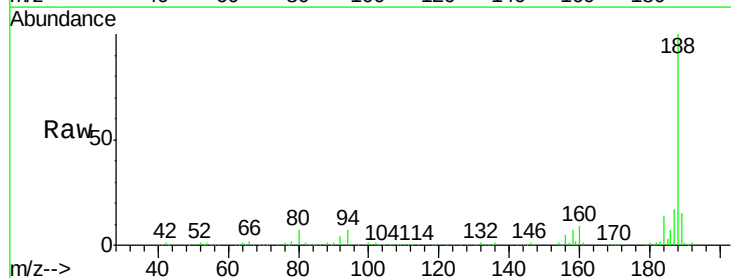
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092276.D
 Acq: 14 Jan 2017 11:02

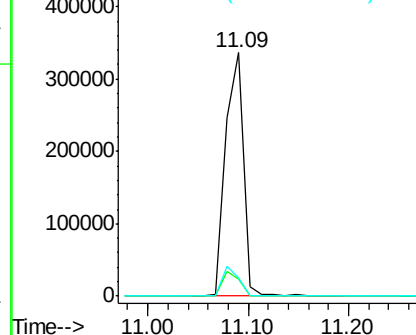
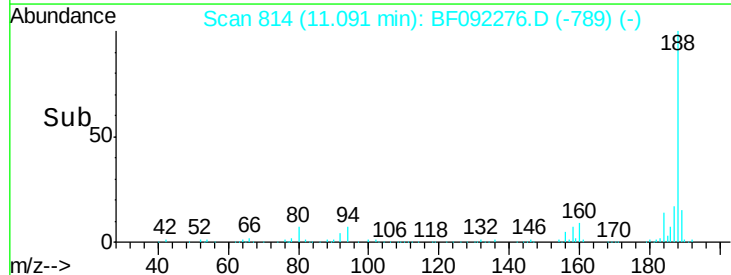
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	10.0	15.0#
80	7.4	11.2	16.8#

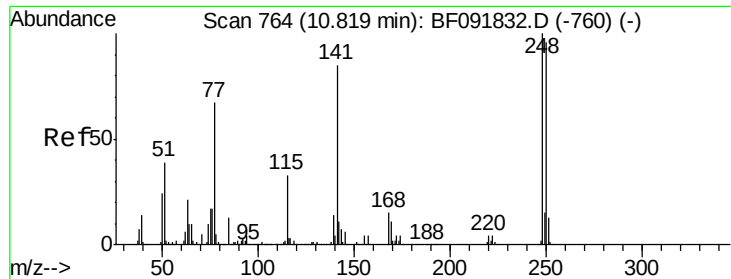


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

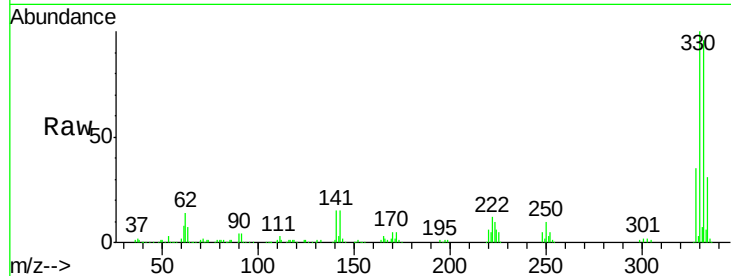




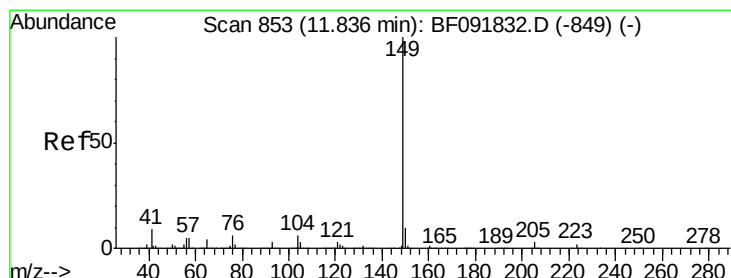
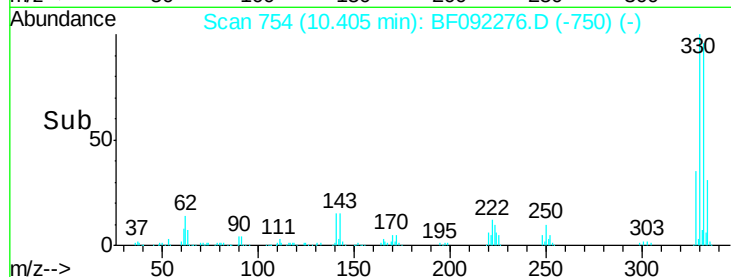
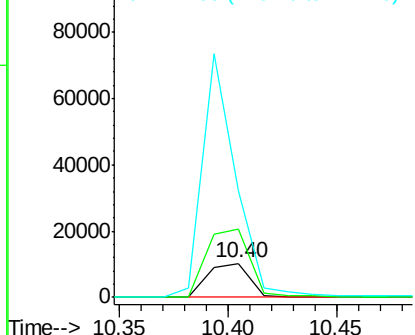
#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092276.D
Acq: 14 Jan 2017 11:02

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Tgt Ion:248 Resp: 13934
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 311.1 68.2 102.4#

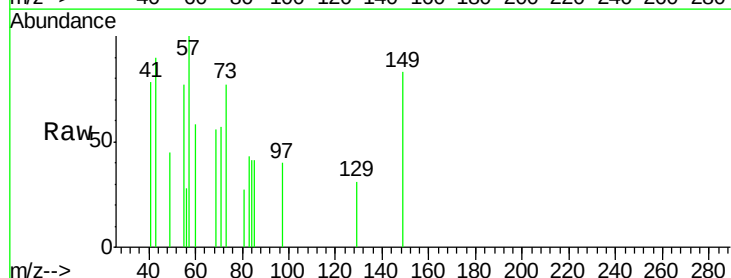


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

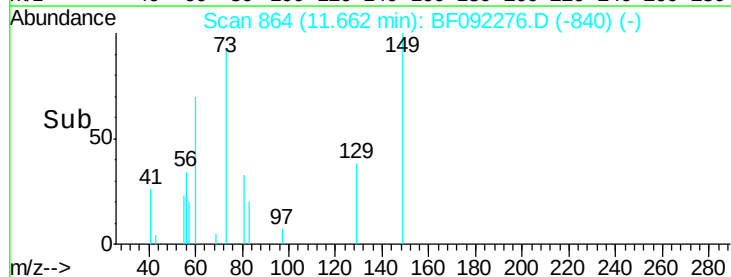
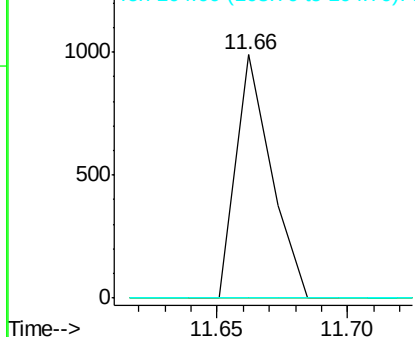


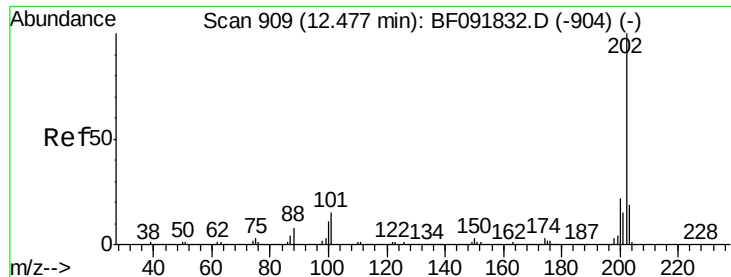
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092276.D
Acq: 14 Jan 2017 11:02

Tgt Ion:149 Resp: 938
Ion Ratio Lower Upper
149 100
150 0.0 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

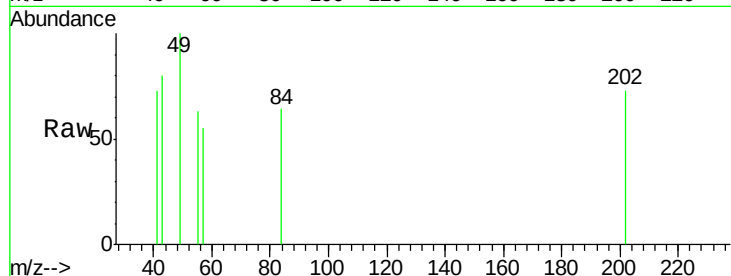




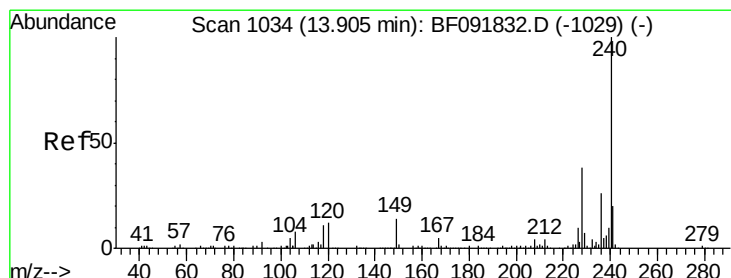
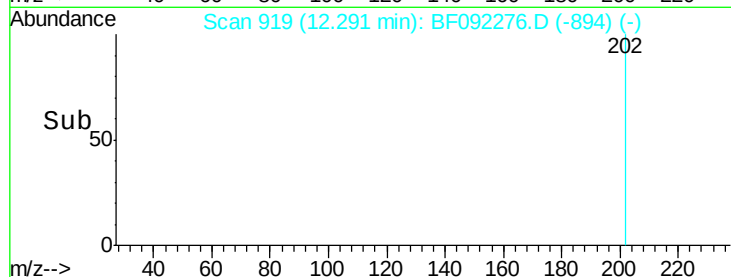
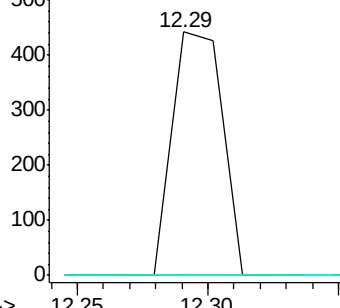
#74
Fluoranthene
Concen: Below Cal
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092276.D
Acq: 14 Jan 2017 11:02

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Tgt Ion: 202 Resp: 595
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.6
203 0.0 0.0 38.7

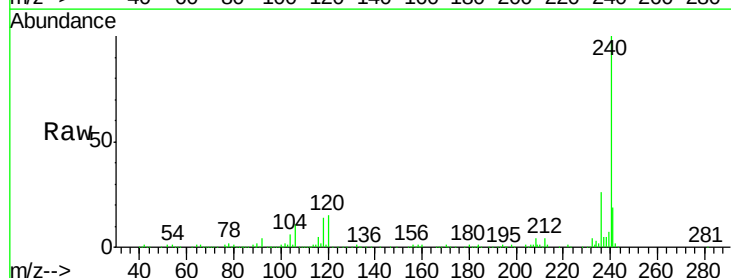


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

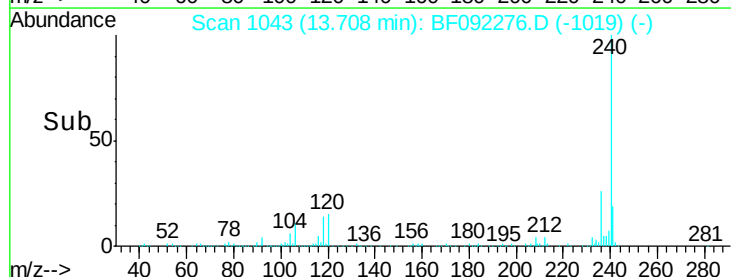
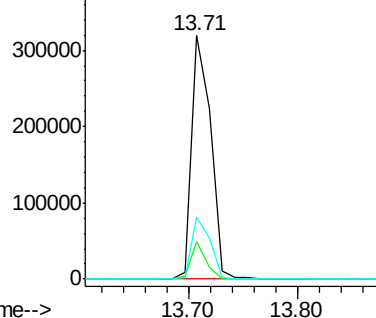


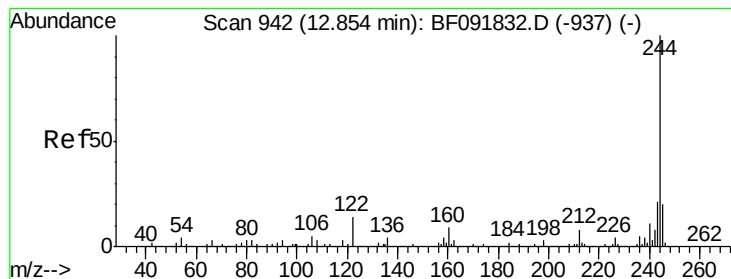
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092276.D
Acq: 14 Jan 2017 11:02

Tgt Ion: 240 Resp: 388871
Ion Ratio Lower Upper
240 100
120 15.5 12.9 19.3
236 25.5 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: 49.34 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

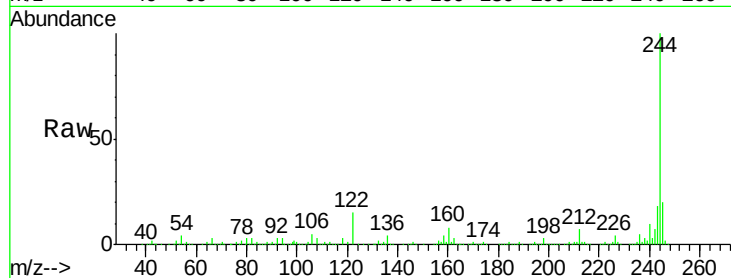
Tgt Ion:244 Resp: 791105

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

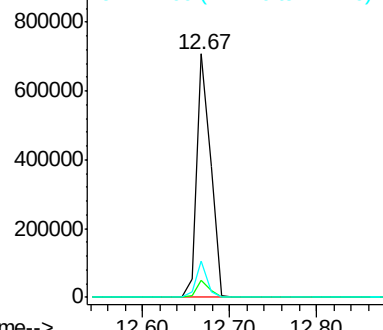
122 15.0 11.4 17.2



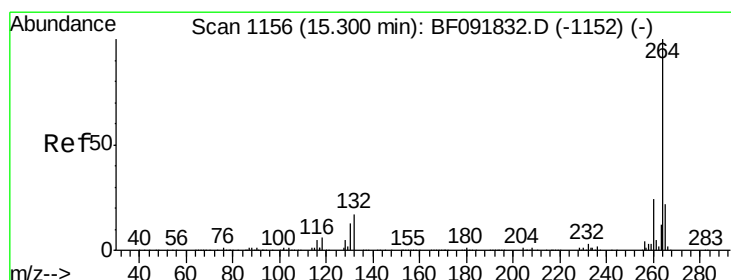
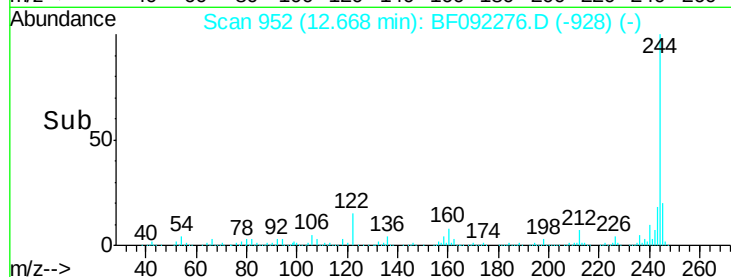
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092276.D

Acq: 14 Jan 2017 11:02

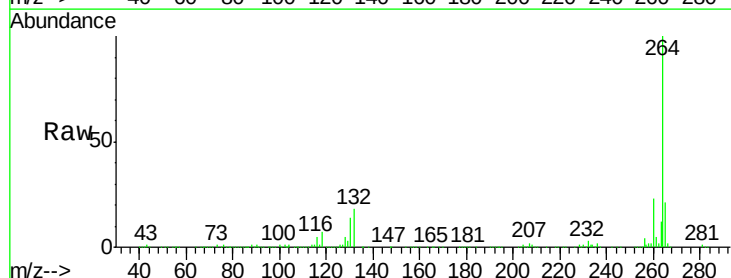
Tgt Ion:264 Resp: 336435

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

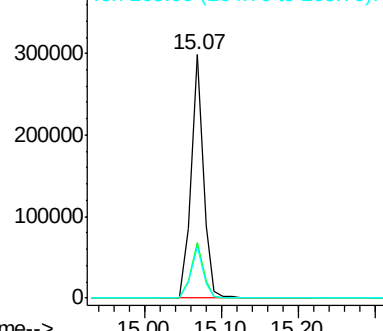
265 21.3 17.4 26.0



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



Time-->

