

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092278.D
 Acq On : 14 Jan 2017 11:58
 Operator : UM/SJ
 Sample : I1162-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Quant Time: Jan 16 03:18:09 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

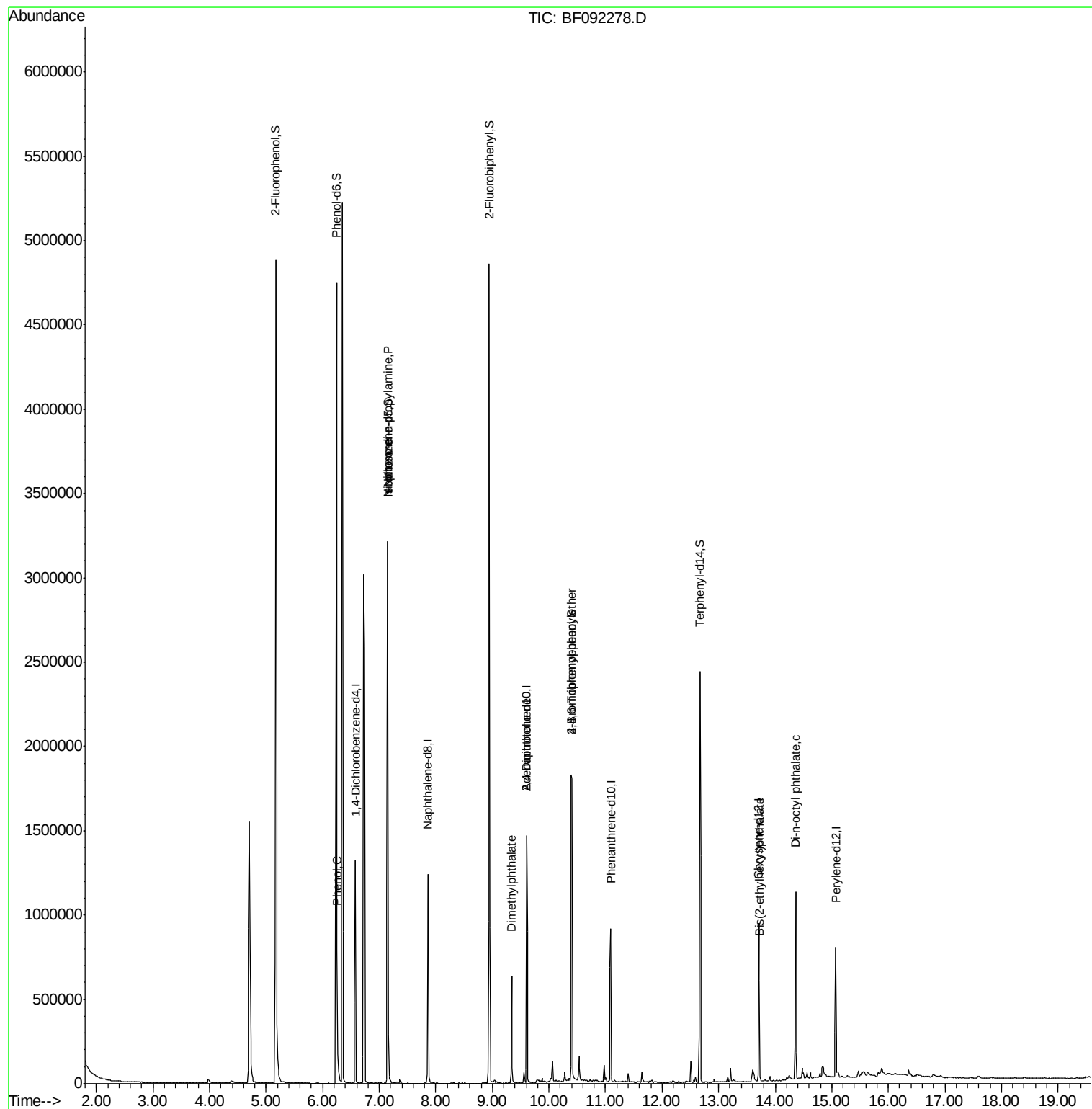
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	223366	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	842046	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	404963	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	457340	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	367270	20.00	ng	-0.02
86) Perylene-d12	15.07	264	322986	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1632704	122.05	ng	0.00
7) Phenol-d6	6.24	99	1874447	114.77	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1153283	76.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	357789	106.76	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1604839	80.52	ng	-0.01
78) Terphenyl-d14	12.67	244	955114	63.07	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	122260	6.57	ng	# 69
19) n-Nitroso-di-n-propylamine	7.15	70	154346	14.20	ng	# 76
25) Isophorone	7.15	82	1141171	40.85	ng	# 65
49) Dimethylphthalate	9.34	163	249964	9.65	ng	99
56) 2,4-Dinitrotoluene	9.60	165	51998	7.31	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	22594	4.75	ng	# 1
71) Anthracene	11.17	178	574	Below Cal		# 59
73) Di-n-butylphthalate	11.66	149	2458	Below Cal		# 87
74) Fluoranthene	12.29	202	3672	Below Cal		95
83) Bis(2-ethylhexyl)phthalate	13.72	149	34337	2.38	ng	# 95
84) Di-n-octyl phthalate	14.36	149	102044	3.82	ng	# 55

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

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Quant Time: Jan 16 03:18:09 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: BF092278.D

Acq: 14 Jan 2017 11:58

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

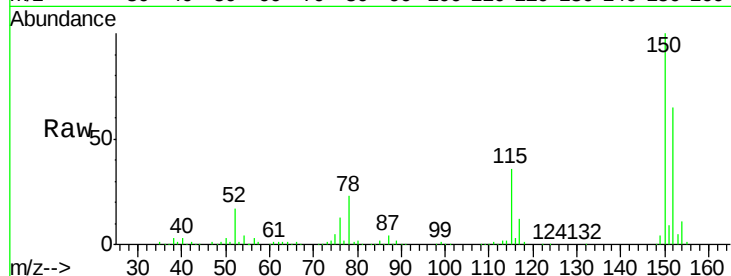
Tgt Ion:152 Resp: 223366

Ion Ratio Lower Upper

152 100

150 155.0 124.9 187.3

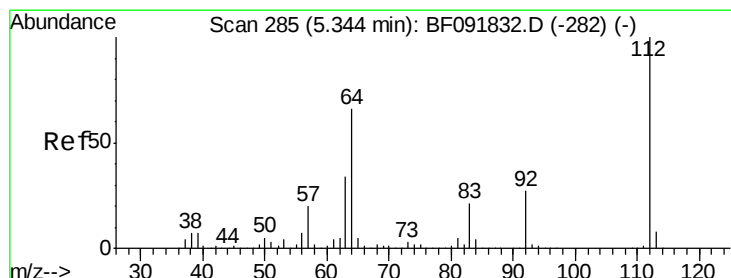
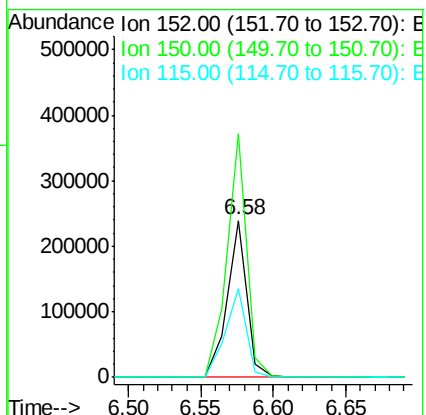
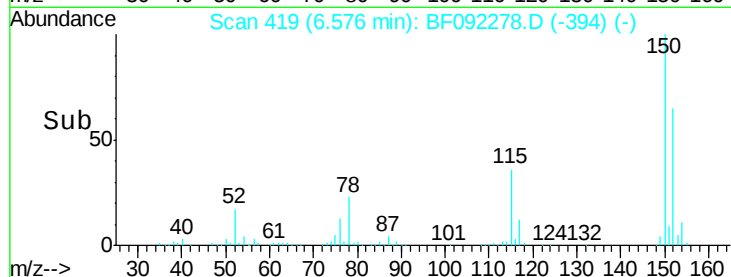
115 56.3 46.0 69.0



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: 122.05 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092278.D

Acq: 14 Jan 2017 11:58

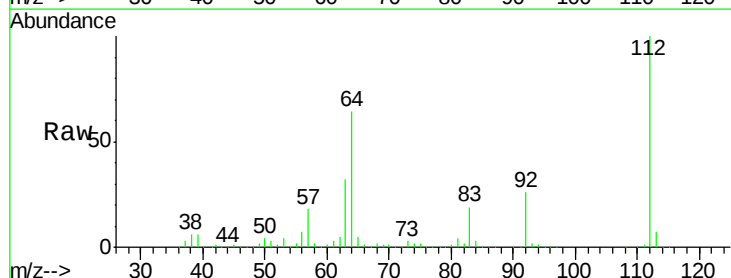
Tgt Ion:112 Resp: 1632704

Ion Ratio Lower Upper

112 100

64 63.9 46.1 69.1

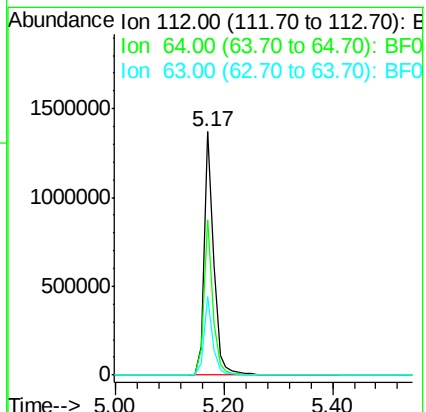
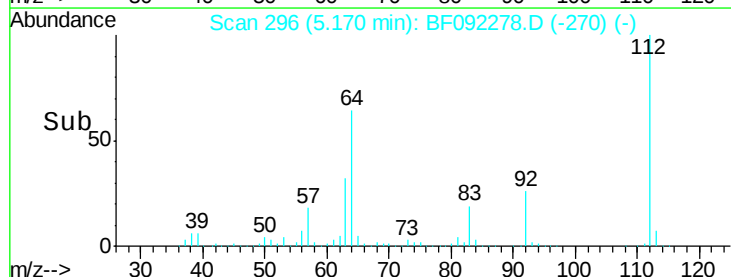
63 32.1 23.8 35.6



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: 114.77 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092278.D

Acq: 14 Jan 2017 11:58

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

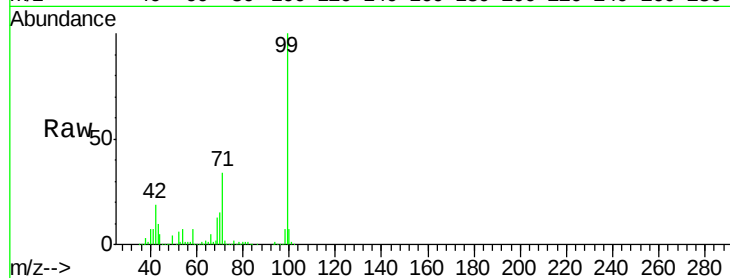
Tgt Ion: 99 Resp: 1874447

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

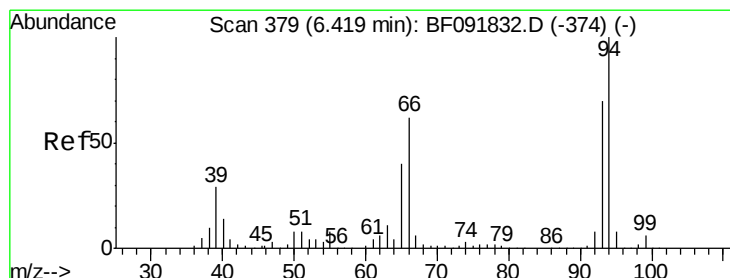
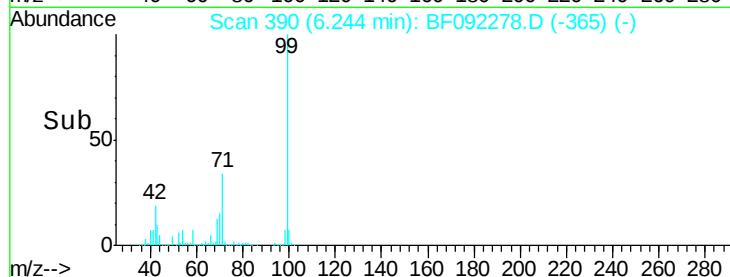
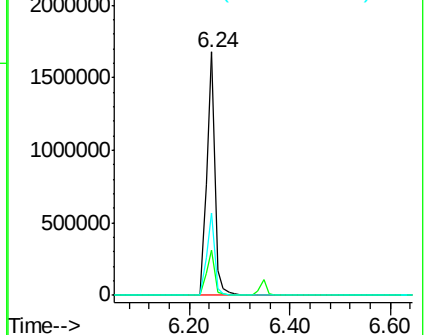
71 33.6 27.5 41.3



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: 6.57 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092278.D

Acq: 14 Jan 2017 11:58

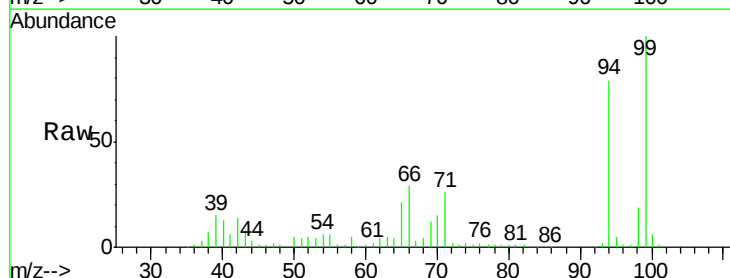
Tgt Ion: 94 Resp: 122260

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

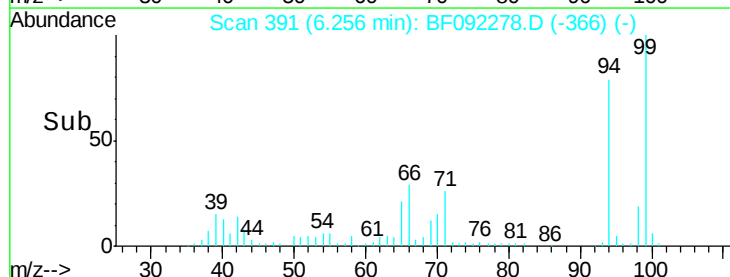
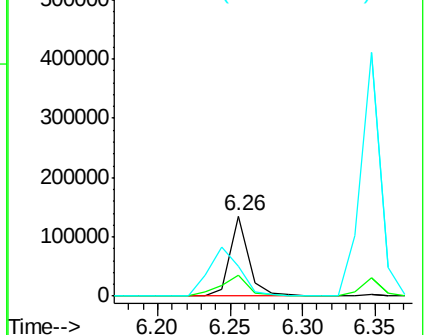
66 36.5 44.0 84.0#

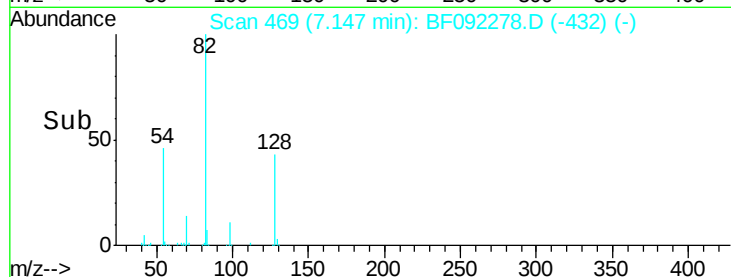
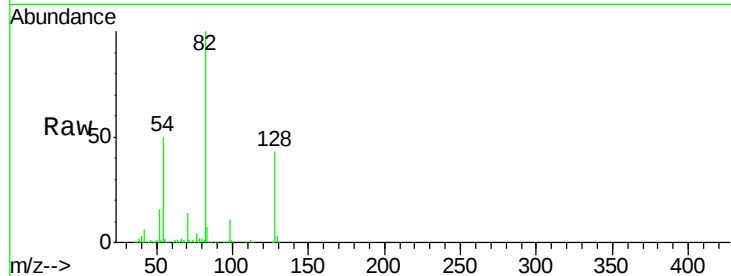
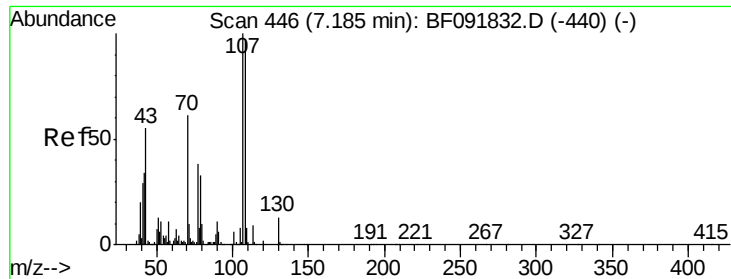


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

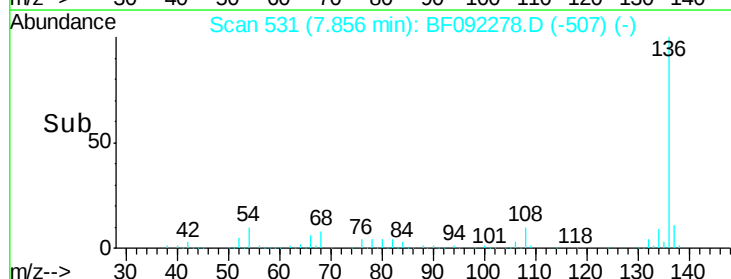
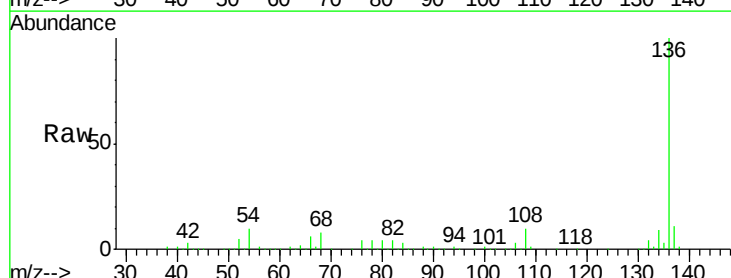
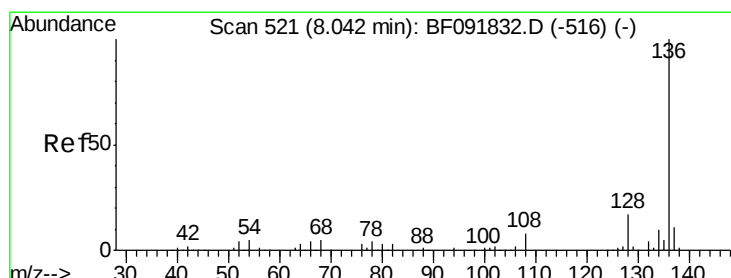
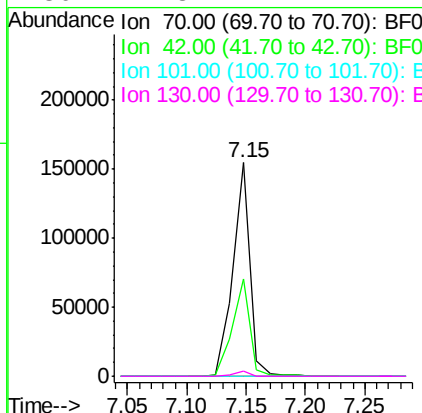




#19
n-Nitroso-di-n-propylamine
Concen: 14.20 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

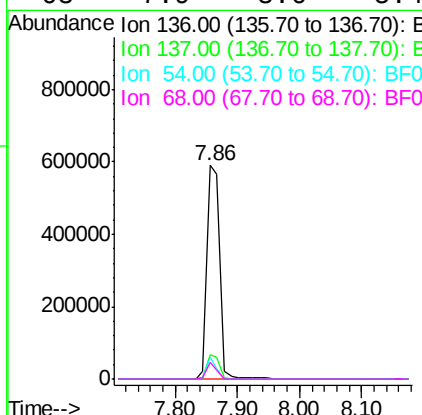
Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tgt Ion: 70 Resp: 154346
Ion Ratio Lower Upper
70 100
42 45.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 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: BF092278.D
Acq: 14 Jan 2017 11:58

Tgt Ion: 136 Resp: 842046
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 10.4 4.5 6.7#
68 7.9 3.6 5.4#

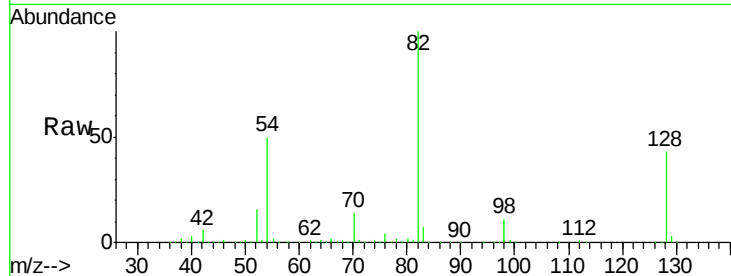




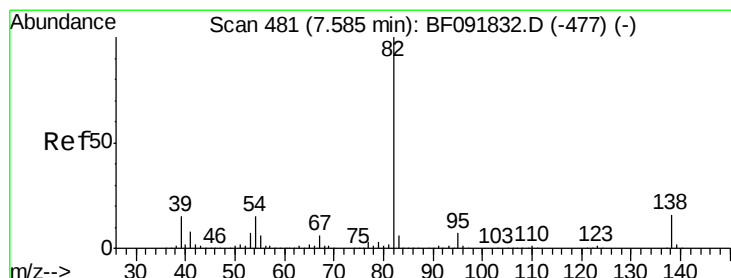
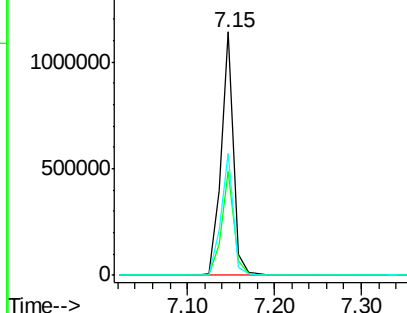
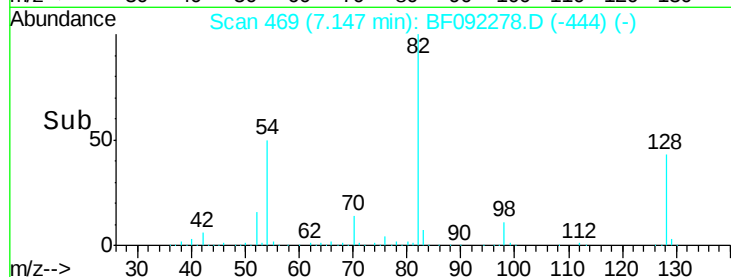
#23
Nitrobenzene-d5
Concen: 76.16 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tgt Ion: 82 Resp: 1153283
Ion Ratio Lower Upper
82 100
128 42.6 34.6 52.0
54 50.3 39.5 59.3

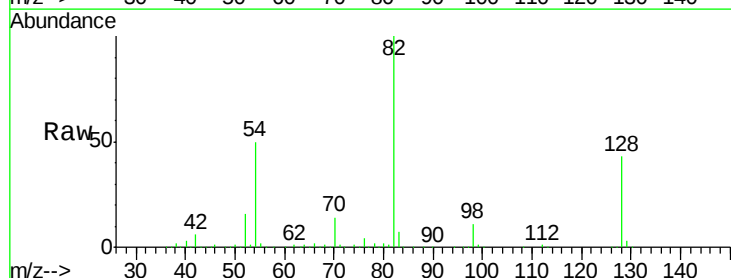


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

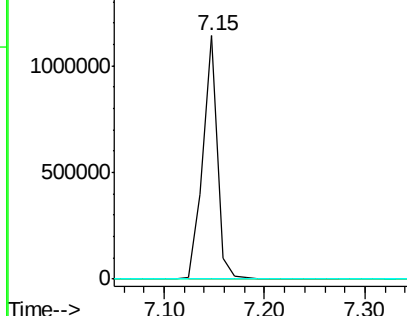
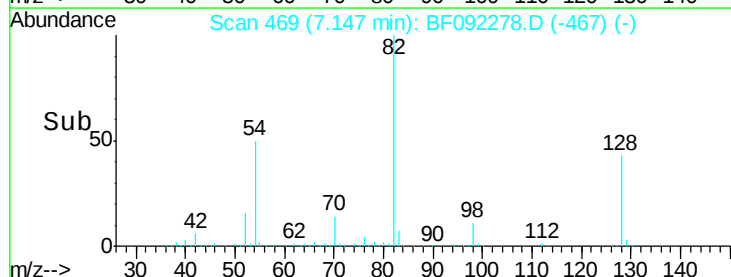


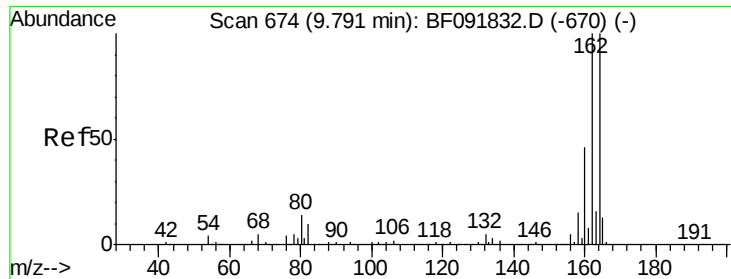
#25
Isophorone
Concen: 40.85 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

Tgt Ion: 82 Resp: 1141171
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: BF092278.D

Acq: 14 Jan 2017 11:58

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

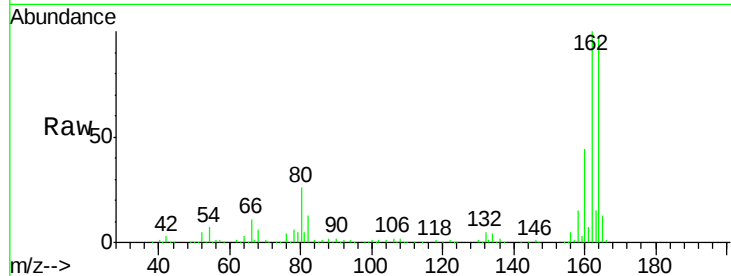
Tgt Ion:164 Resp: 404963

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

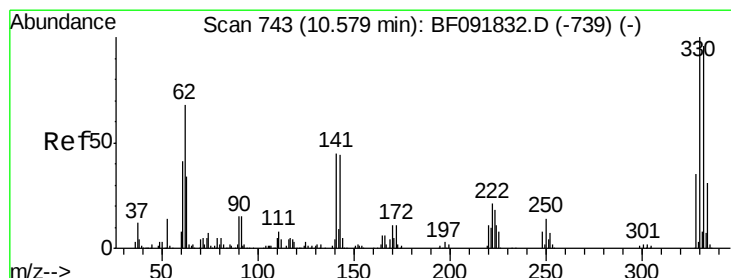
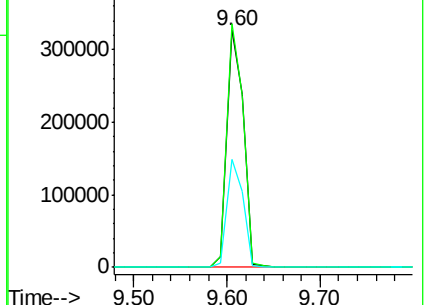
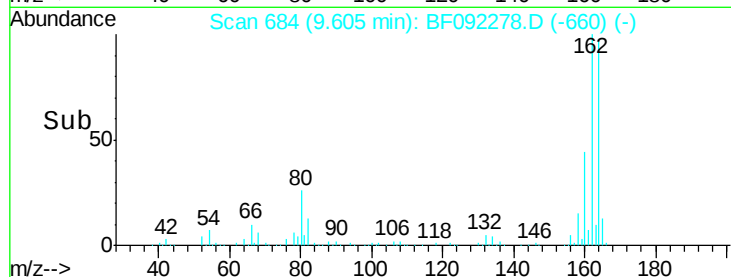
160 45.6 36.9 55.3



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: 106.76 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092278.D

Acq: 14 Jan 2017 11:58

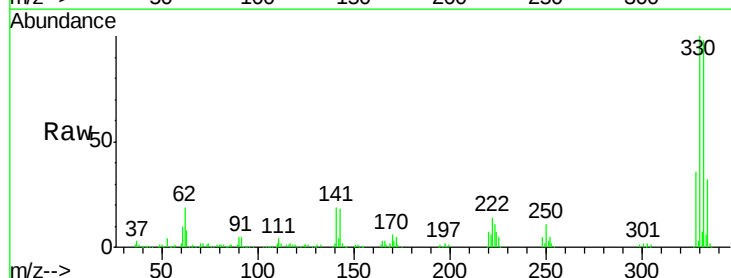
Tgt Ion:330 Resp: 357789

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

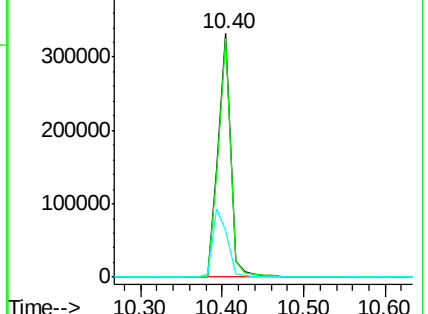
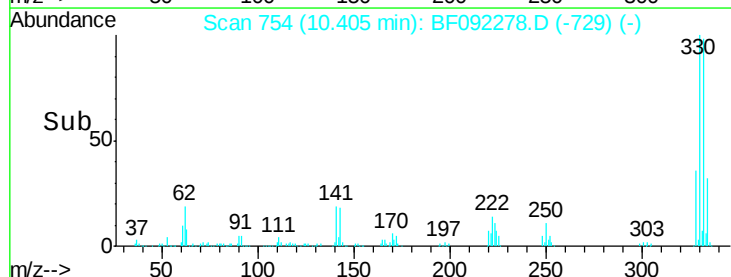
141 32.9 34.1 51.1#

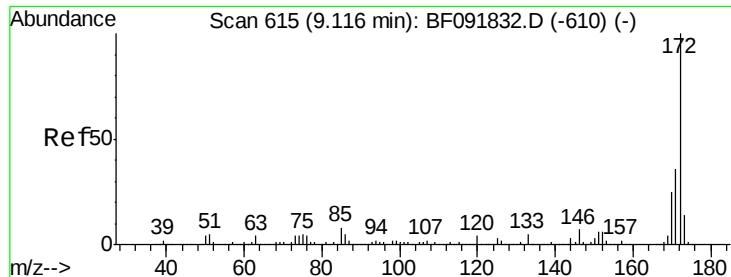


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

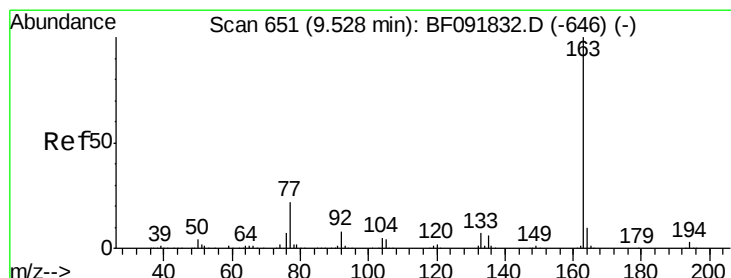
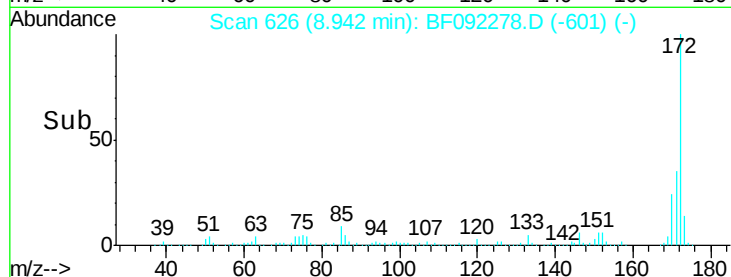
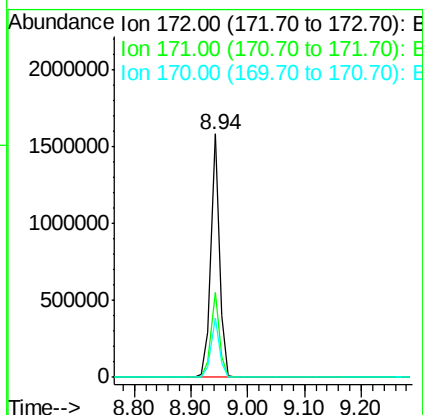
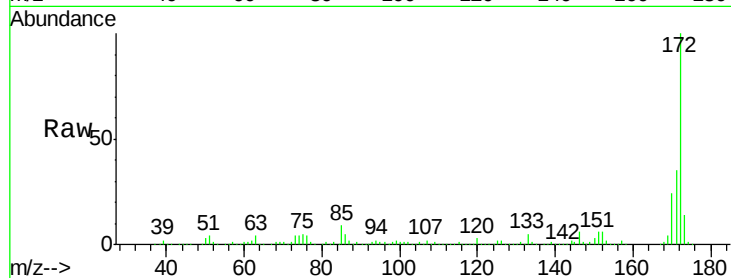




#44
 2-Fluorobiphenyl
 Concen: 80.52 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092278.D
 Acq: 14 Jan 2017 11:58

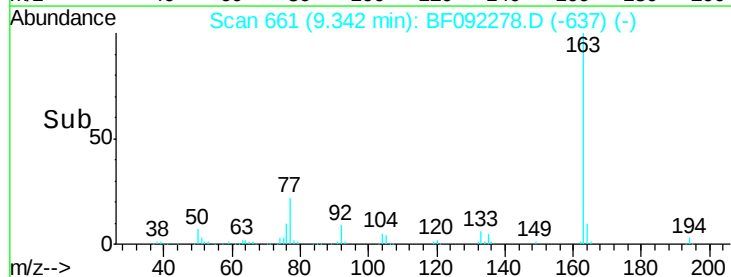
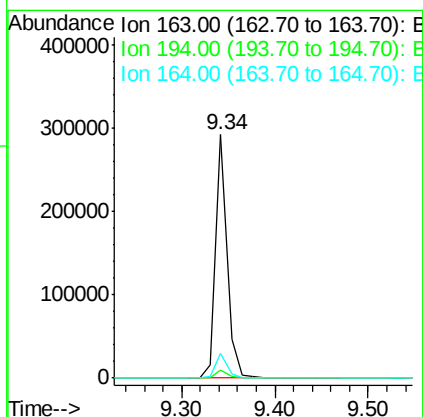
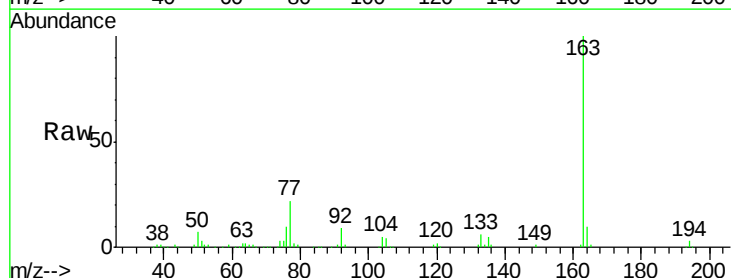
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tgt Ion:172 Resp: 1604839
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 24.1 20.2 30.4



#49
 Dimethylphthalate
 Concen: 9.65 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092278.D
 Acq: 14 Jan 2017 11:58

Tgt Ion:163 Resp: 249964
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.3 8.0 12.0

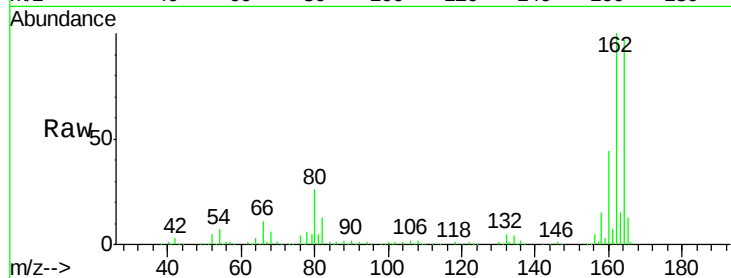




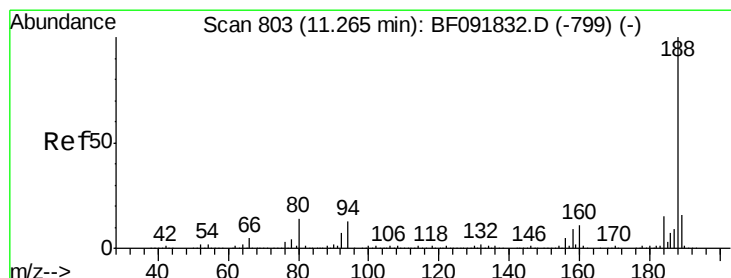
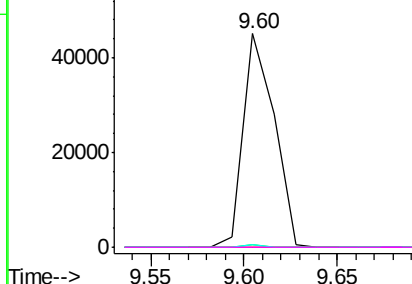
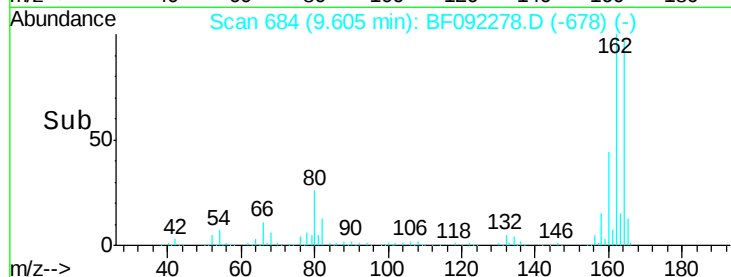
#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tgt Ion:165 Resp: 51998
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 0.9 62.5 93.7#
182 0.0 1.8 2.8#

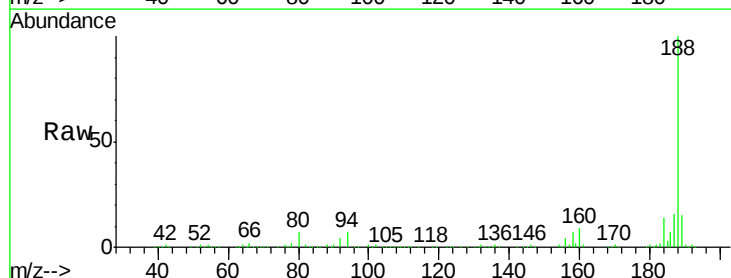


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

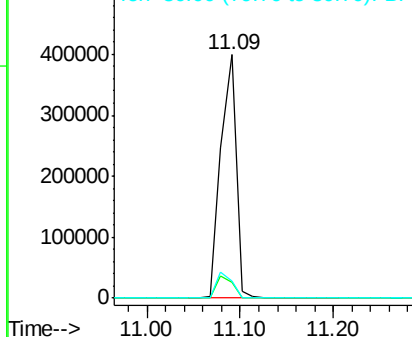
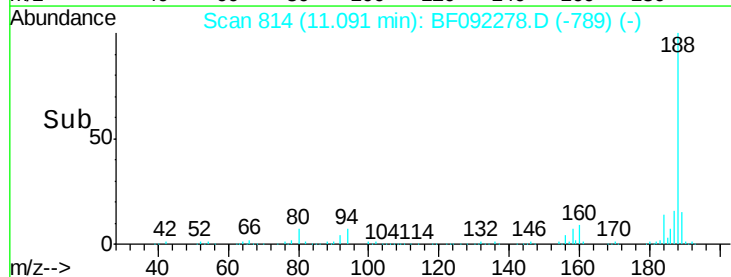


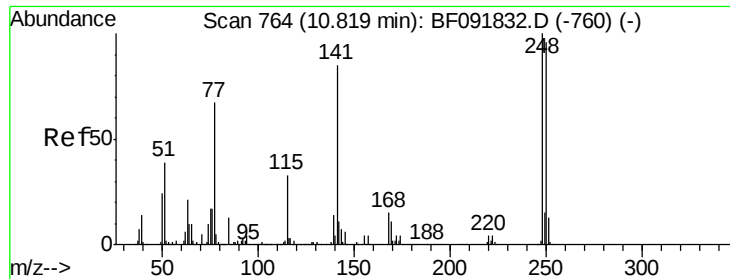
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

Tgt Ion:188 Resp: 457340
Ion Ratio Lower Upper
188 100
94 6.6 10.0 15.0#
80 7.1 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: 4.75 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092278.D

Acq: 14 Jan 2017 11:58

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

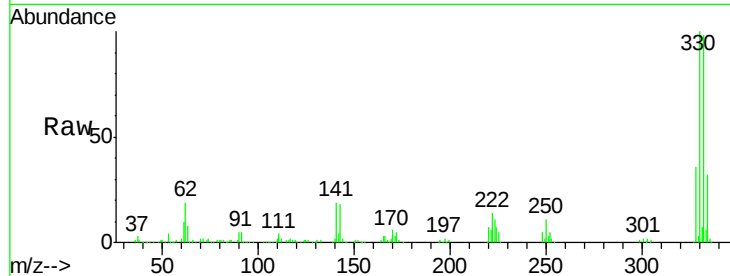
Tgt Ion:248 Resp: 22594

Ion Ratio Lower Upper

248 100

250 201.9 76.9 115.3#

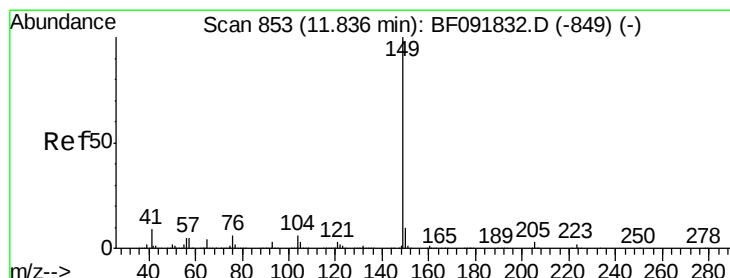
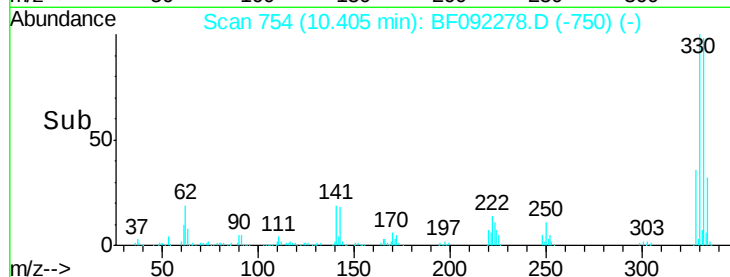
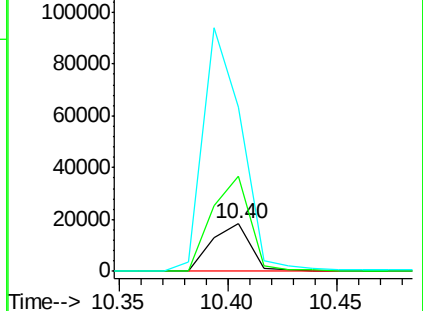
141 349.0 68.2 102.4#



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: BF092278.D

Acq: 14 Jan 2017 11:58

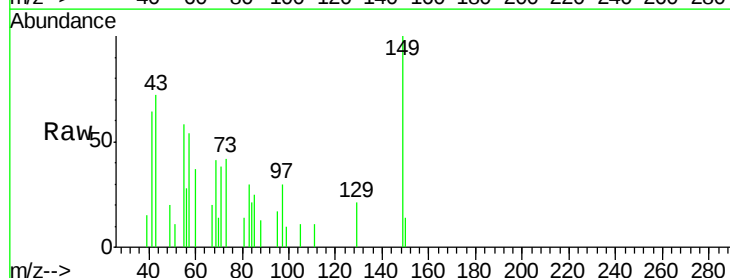
Tgt Ion:149 Resp: 2458

Ion Ratio Lower Upper

149 100

150 13.8 8.1 12.1#

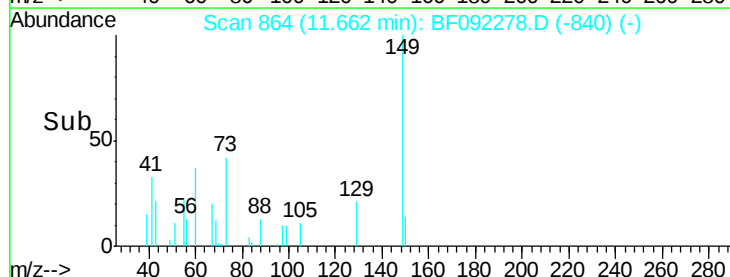
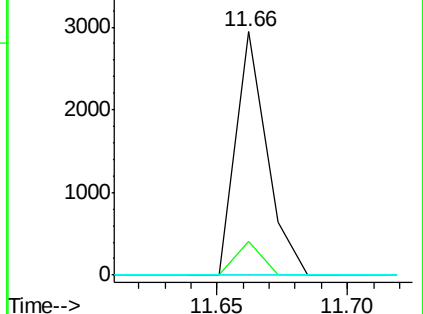
104 0.0 4.6 7.0#

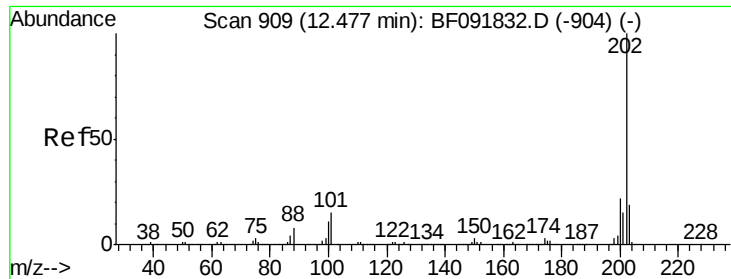


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF092278.D

Acq: 14 Jan 2017 11:58

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

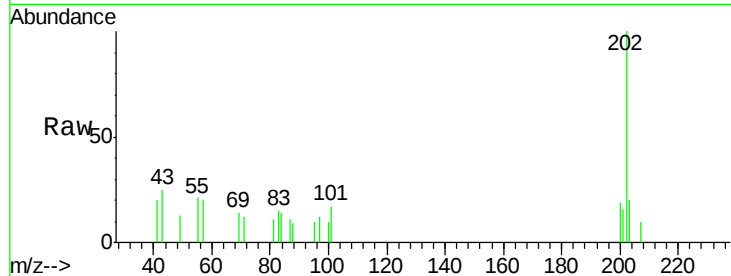
Tgt Ion:202 Resp: 3672

Ion Ratio Lower Upper

202 100

101 16.8 0.0 34.6

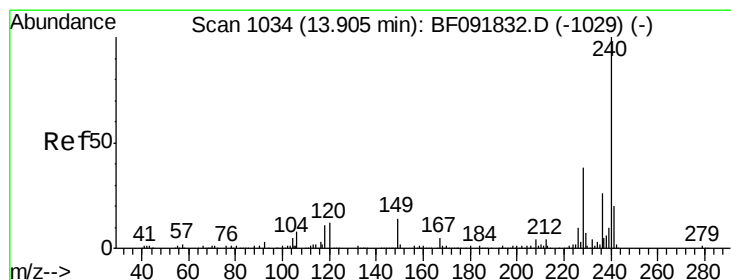
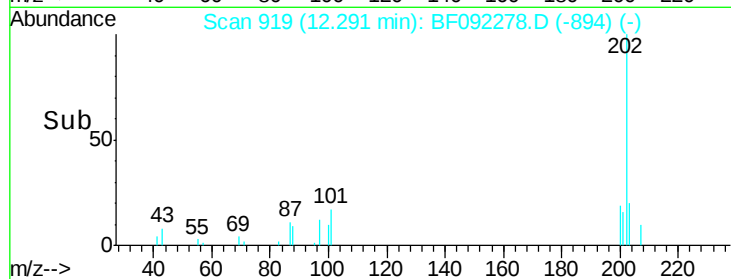
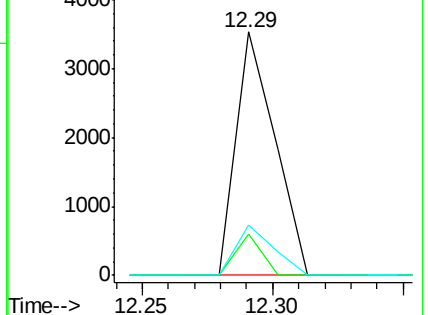
203 20.4 0.0 38.7



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: BF092278.D

Acq: 14 Jan 2017 11:58

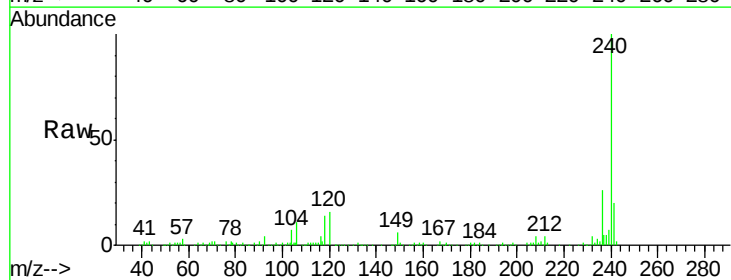
Tgt Ion:240 Resp: 367270

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

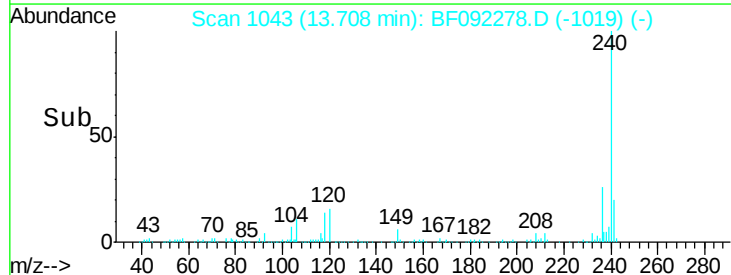
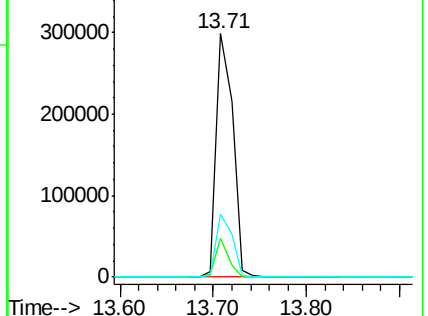
236 25.8 20.9 31.3

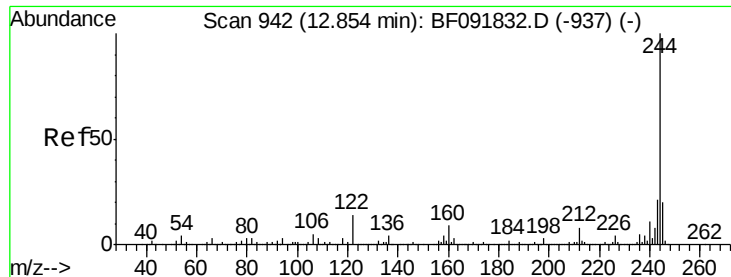


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

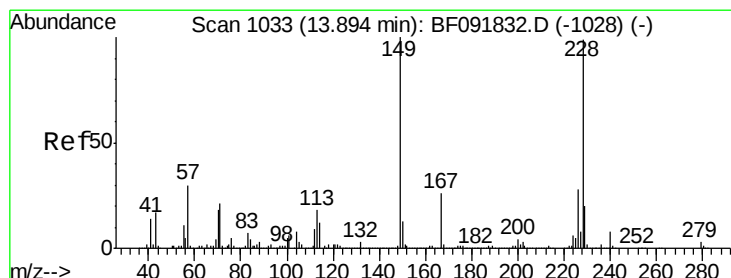
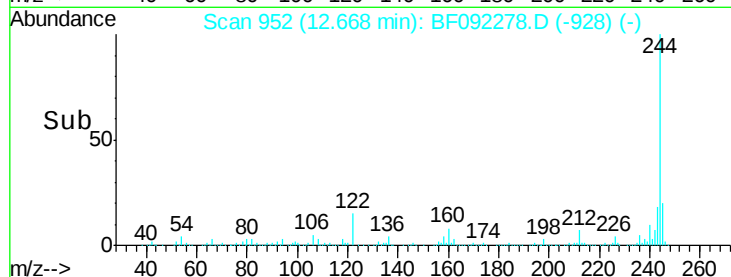
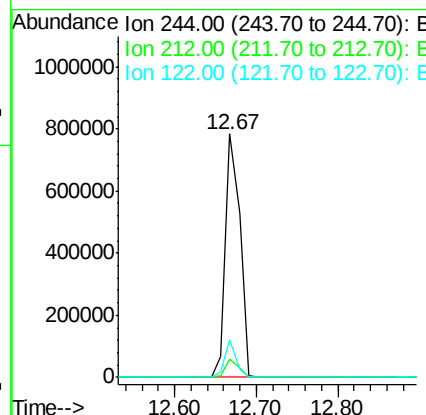
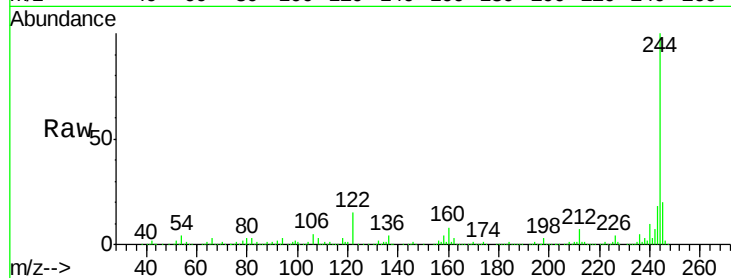




#78
 Terphenyl-d14
 Concen: 63.07 ng
 RT: 12.67 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092278.D
 Acq: 14 Jan 2017 11:58

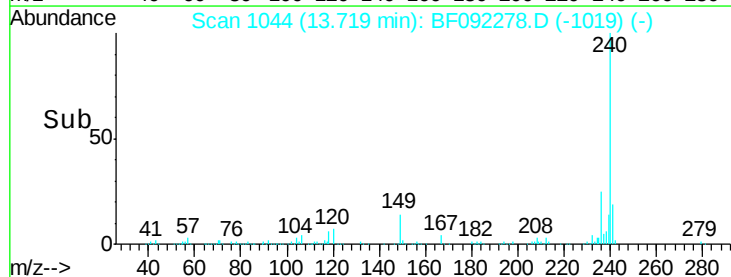
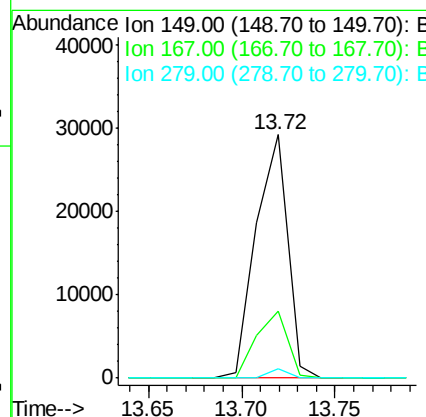
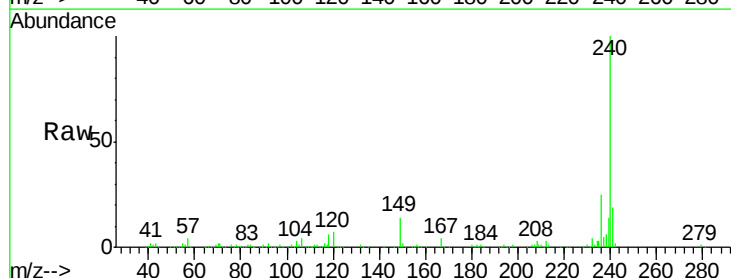
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

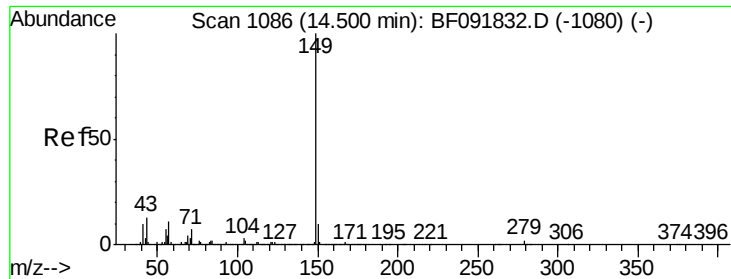
Tgt Ion:244 Resp: 955114
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 15.2 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.38 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF092278.D
 Acq: 14 Jan 2017 11:58

Tgt Ion:149 Resp: 34337
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.2 30.4
 279 3.9 1.8 2.8#

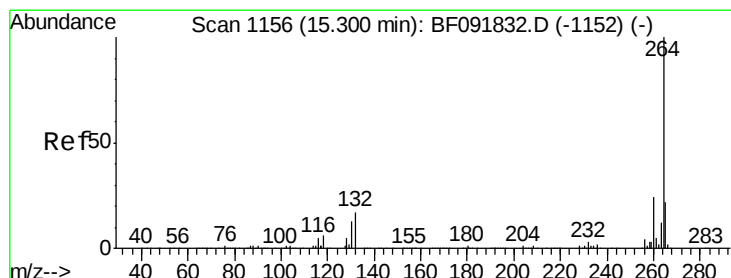
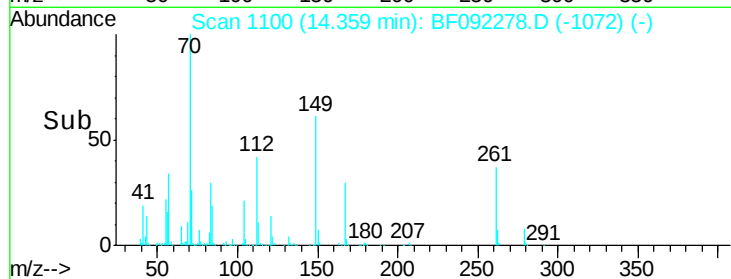
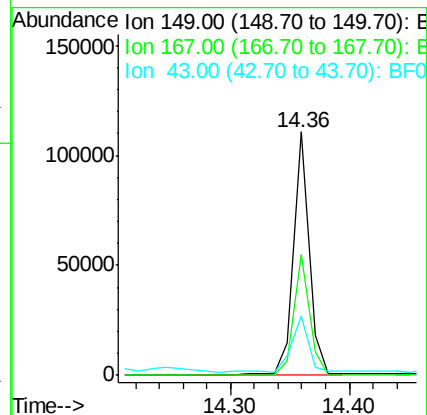
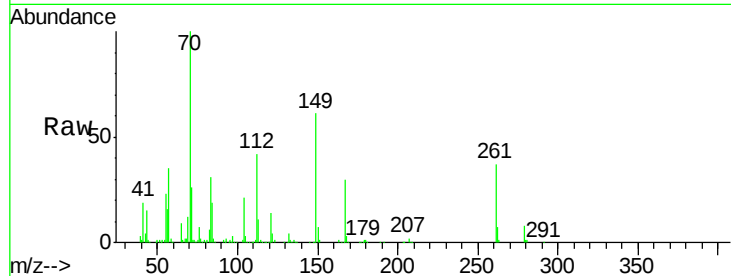




#84
Di-n-octyl phthalate
Concen: 3.82 ng
RT: 14.36 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tgt Ion:149 Resp: 102044
Ion Ratio Lower Upper
149 100
167 48.7 1.3 1.9#
43 23.6 8.9 13.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092278.D
Acq: 14 Jan 2017 11:58

Tgt Ion:264 Resp: 322986
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.9 17.4 26.0

