

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086560.D
 Acq On : 1 May 2016 9:29
 Operator : UM/SJ
 Sample : H2762-11
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Quant Time: May 02 02:08:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

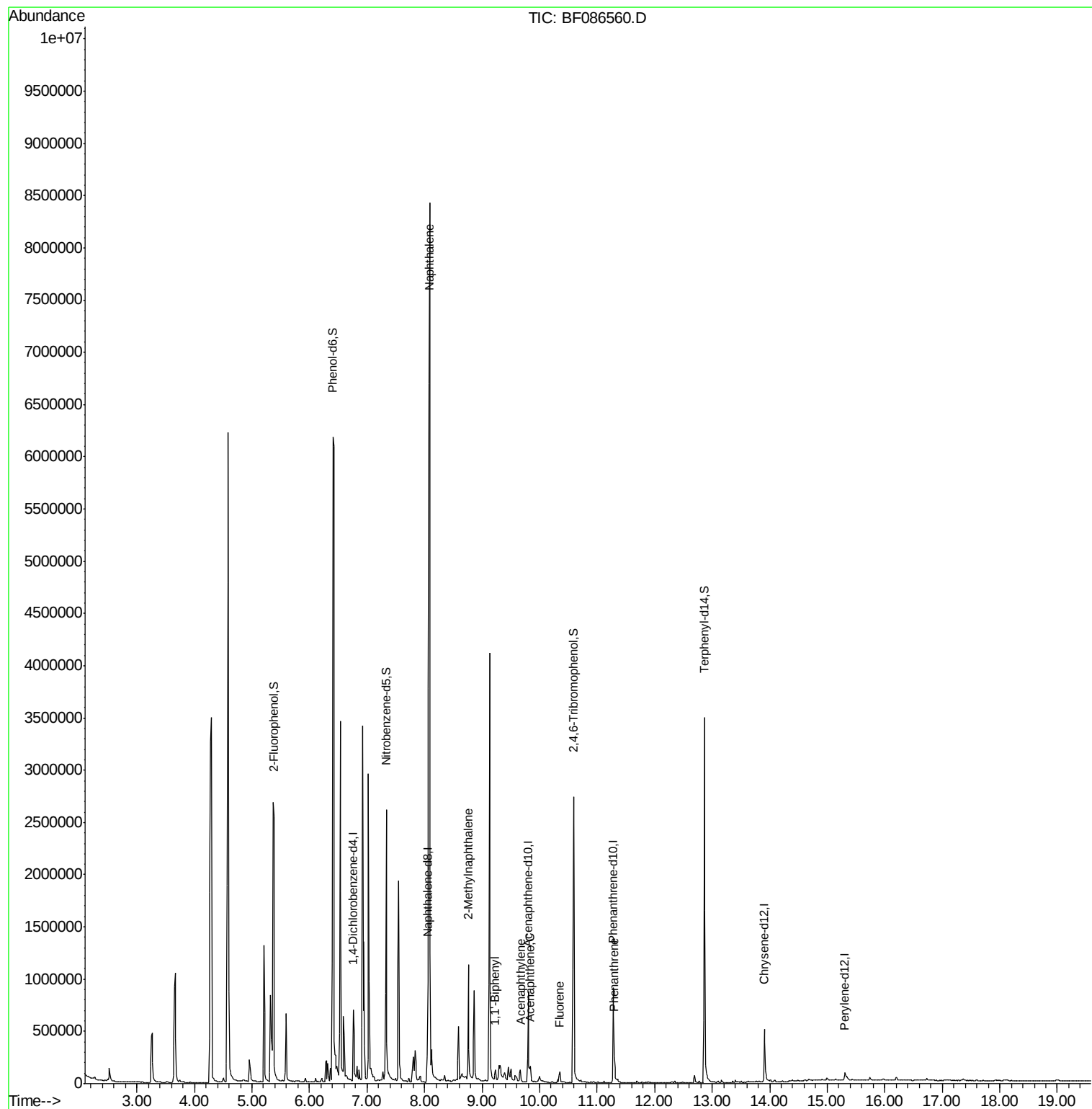
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133649	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	524866	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	135850	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	451373	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	214286	20.00	ng	-0.06
86) Perylene-d12	15.30	264	13759	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1048842	135.36	ng	-0.01
7) Phenol-d6	6.41	99	448961	41.52	ng	-0.03
23) Nitrobenzene-d5	7.33	82	924589	94.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	350774	244.85	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1431728	-20.00	ng	-0.05
78) Terphenyl-d14	12.87	244	1234153	126.89	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.09	128	6038975	226.12	ng	# 94
37) 2-Methylnaphthalene	8.76	142	318773	20.23	ng	98
45) 1,1'-Biphenyl	9.23	154	47455	4.18	ng	98
48) Acenaphthylene	9.66	152	52526	3.89	ng	97
51) Acenaphthene	9.84	154	45149	5.21	ng	97
57) Fluorene	10.35	166	48137	5.12	ng	99
70) Phenanthrene	11.30	178	86583	3.66	ng	99

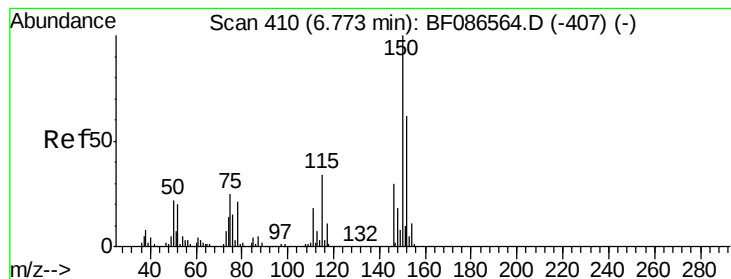
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086560.D
Acq On : 1 May 2016 9:29
Operator : UM/SJ
Sample : H2762-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Quant Time: May 02 02:08:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

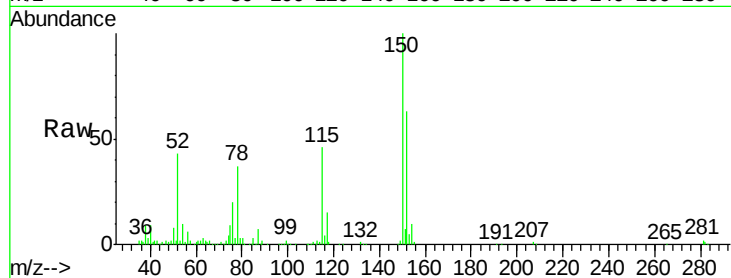
Tot Ion:152 Resp: 133649

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

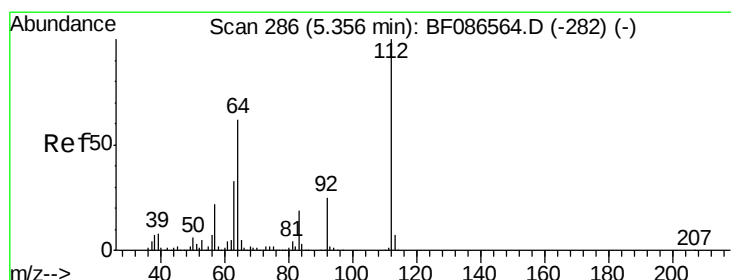
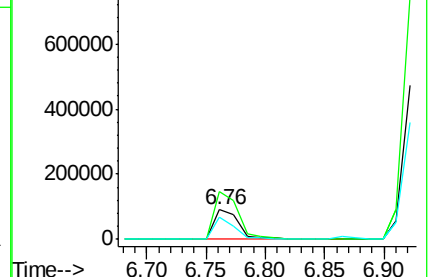
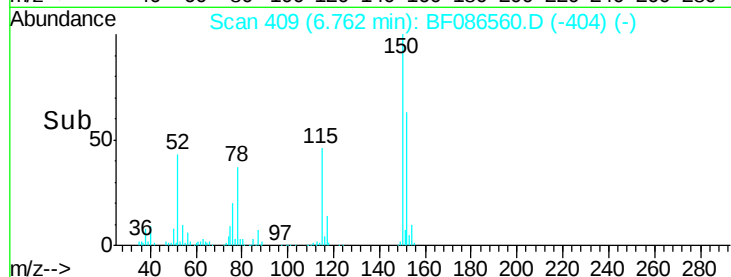
115 73.2 51.5 77.3



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: 135.36 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

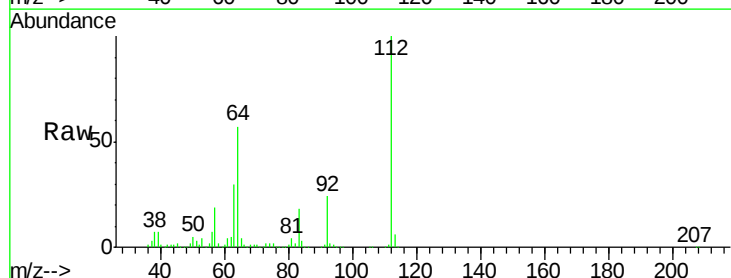
Tgt Ion:112 Resp: 1048842

Ion Ratio Lower Upper

112 100

64 56.5 52.1 78.1

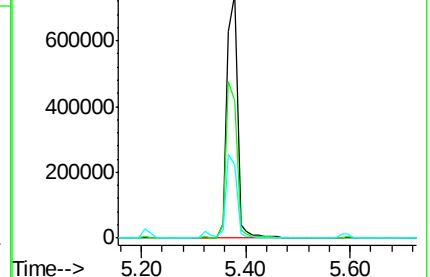
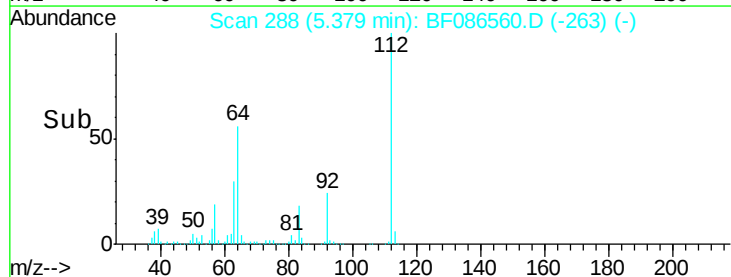
63 29.9 25.7 38.5

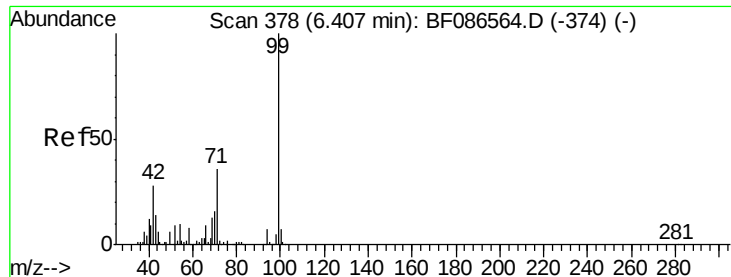


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

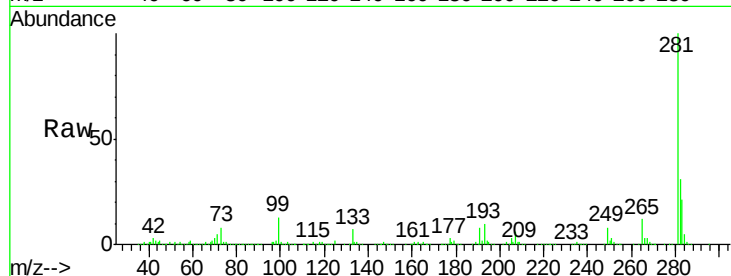
Tot Ion: 99 Resp: 448961

Ion Ratio Lower Upper

99 100

42 24.7 13.6 20.4#

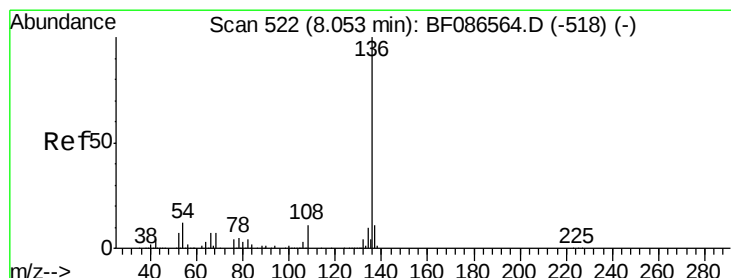
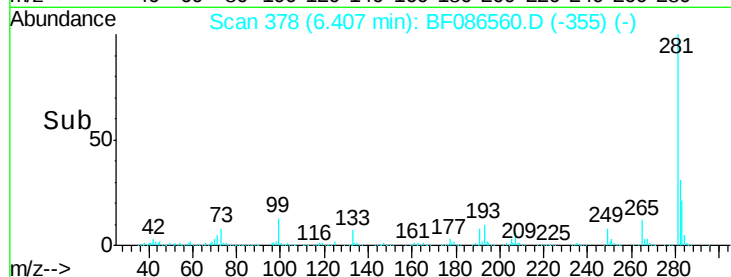
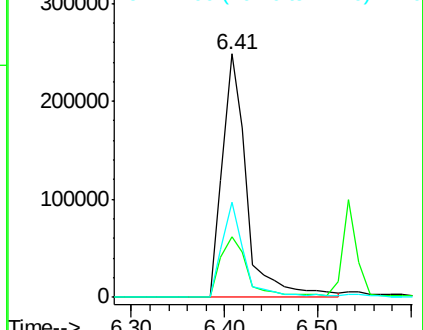
71 38.9 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Tgt Ion: 136 Resp: 524866

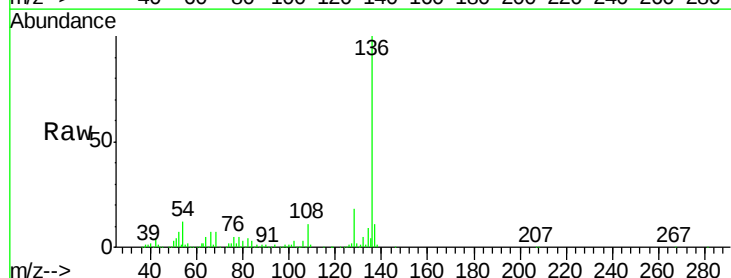
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 12.1 5.0 7.4#

68 7.2 4.4 6.6#

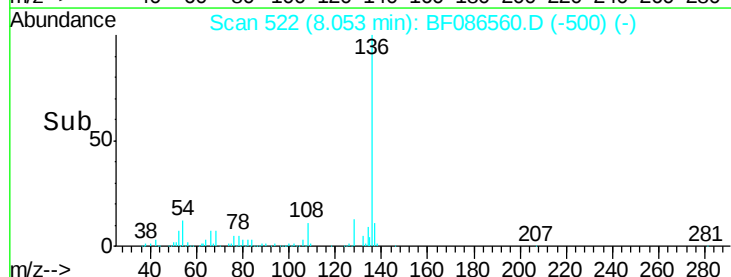
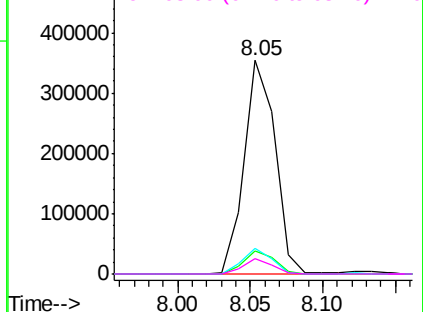


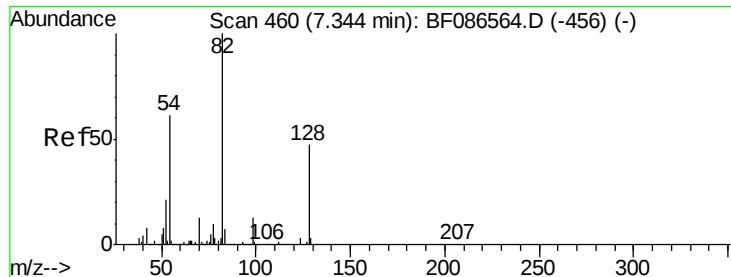
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

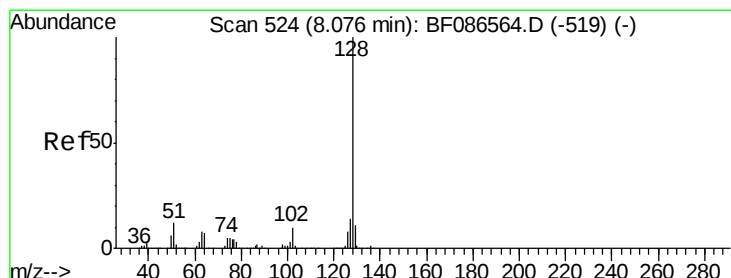
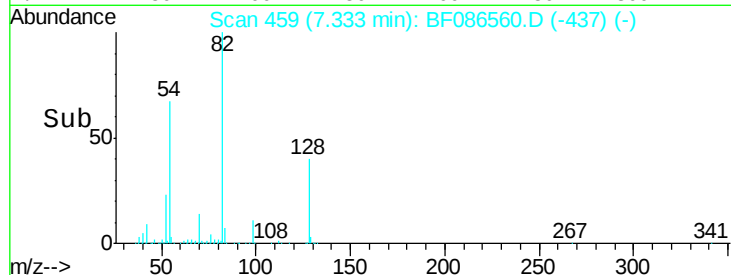
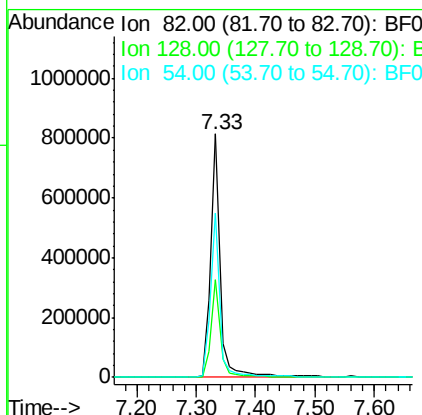
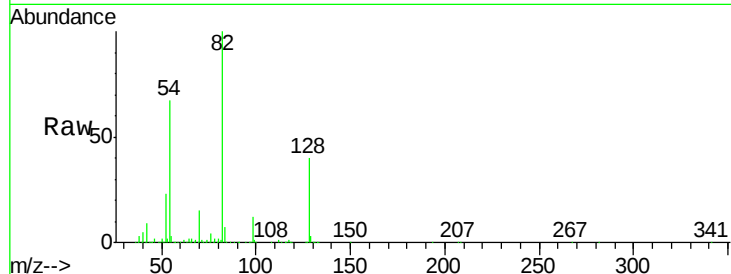




#23
Nitrobenzene-d5
Concen: 94.95 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

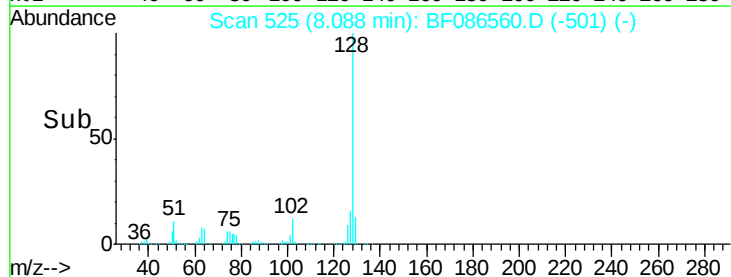
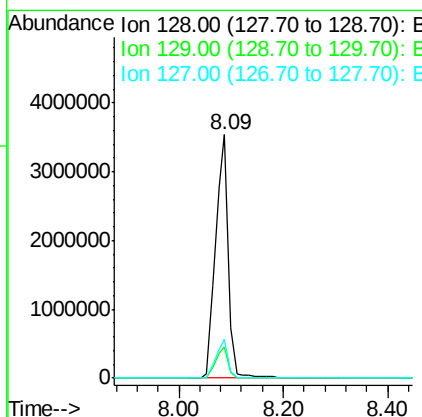
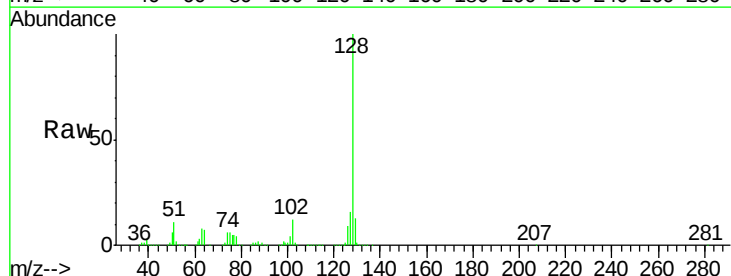
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

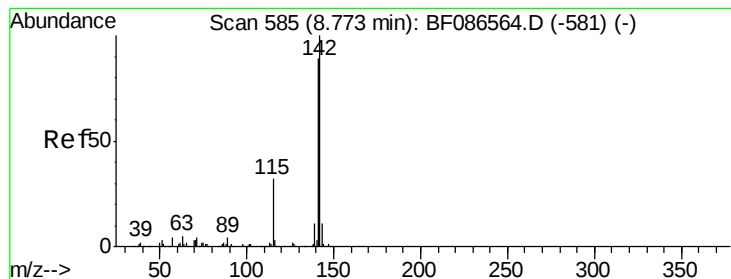
Tot Ion: 82 Resp: 924589
Ion Ratio Lower Upper
82 100
128 40.3 40.6 61.0#
54 67.3 38.1 57.1#



#31
Naphthalene
Concen: 226.12 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion: 128 Resp: 6038975
Ion Ratio Lower Upper
128 100
129 13.0 8.6 13.0#
127 16.0 10.8 16.2

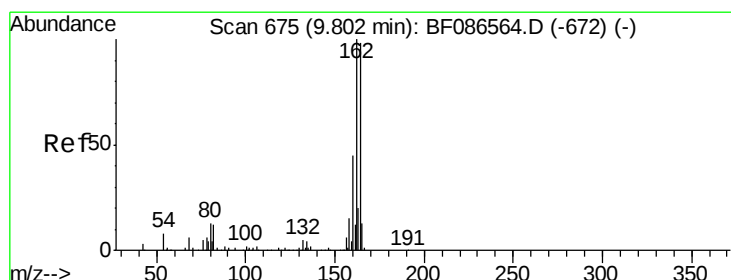
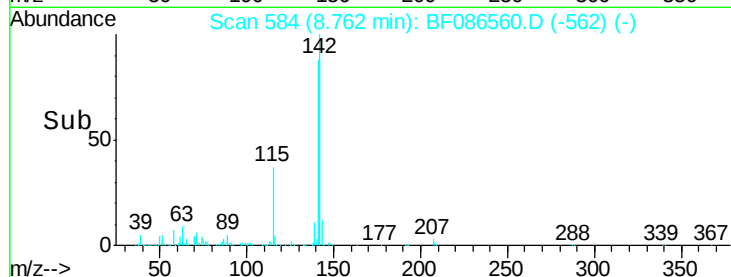
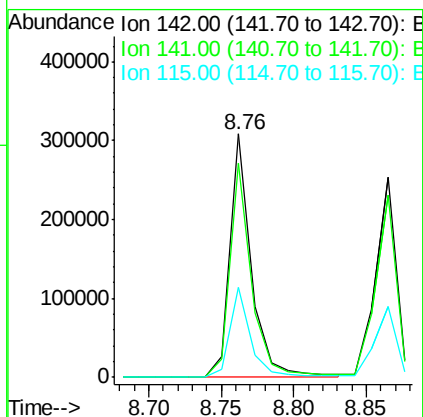
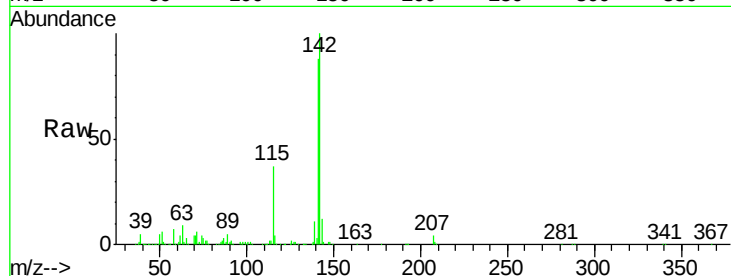




#37
2-Methylnaphthalene
Concen: 20.23 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

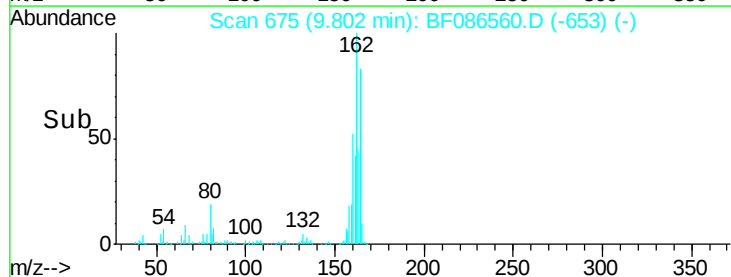
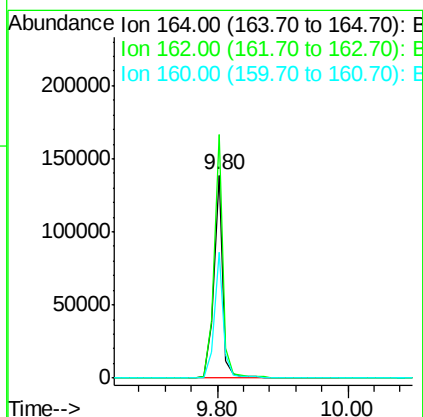
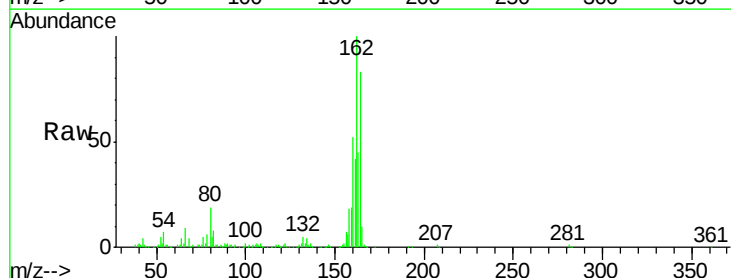
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

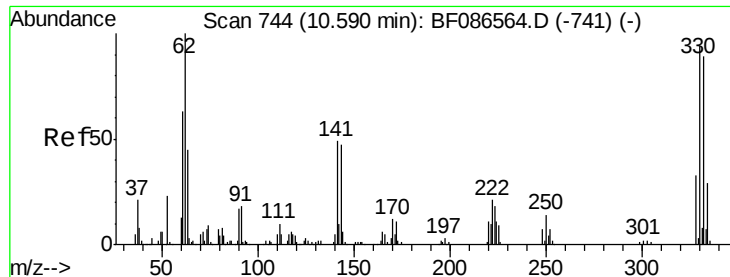
Tot Ion:142 Resp: 318773
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 36.8 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086560.D
Acq: 1 May 2016 9:29

Tgt Ion:164 Resp: 135850
Ion Ratio Lower Upper
164 100
162 120.1 82.8 124.2
160 62.2 36.9 55.3#

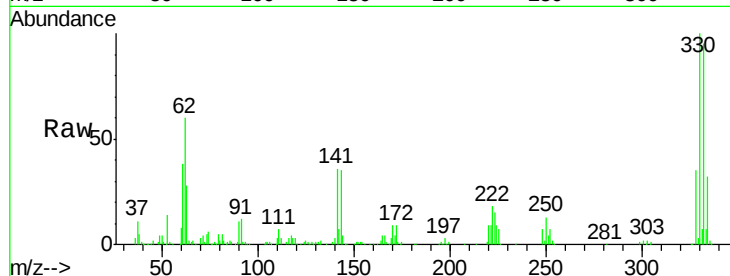




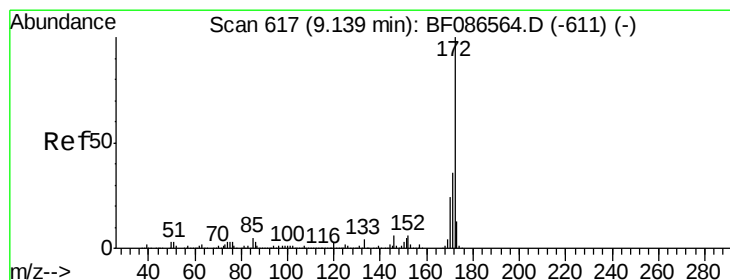
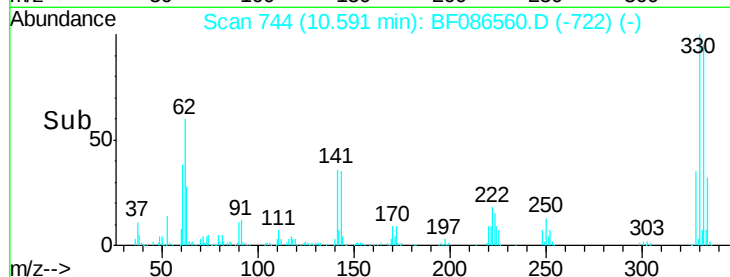
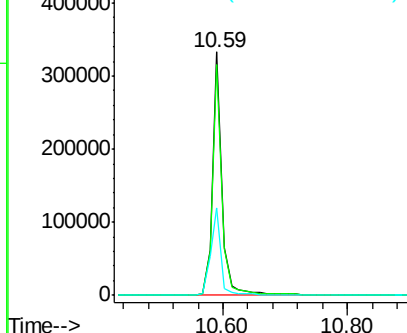
#41
 2,4,6-Tribromophenol
 Concen: 244.85 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086560.D
 Acq: 1 May 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Tot Ion:330 Resp: 350774
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 39.7 31.2 46.8

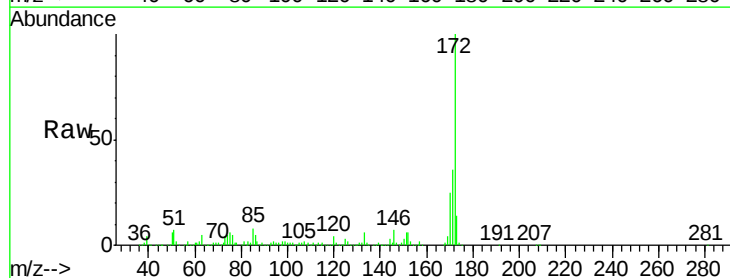


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

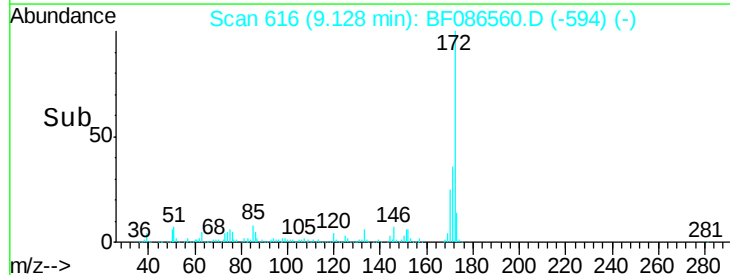
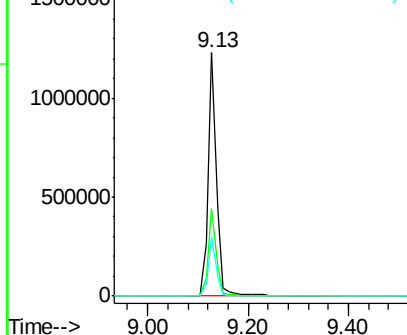


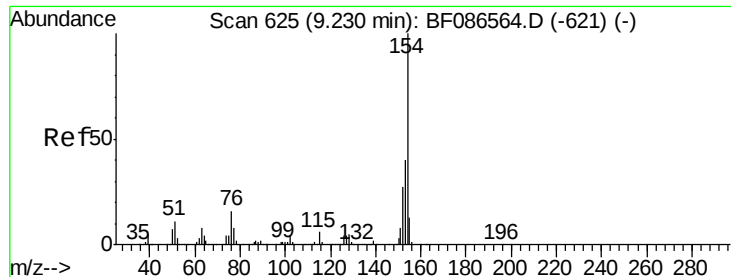
#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086560.D
 Acq: 1 May 2016 9:29

Tgt Ion:172 Resp: 1431728
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.5 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 4.18 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

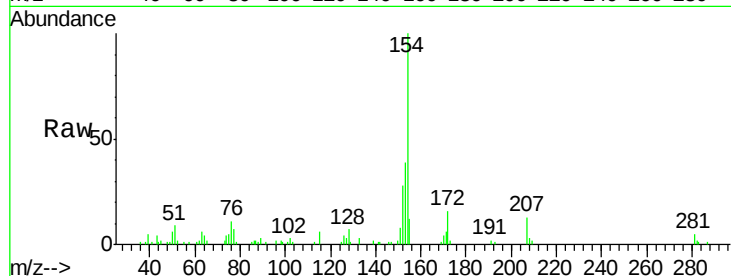
Tot Ion:154 Resp: 47455

Ion Ratio Lower Upper

154 100

153 38.9 20.3 60.3

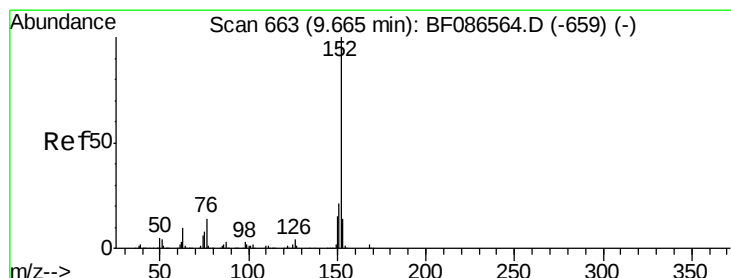
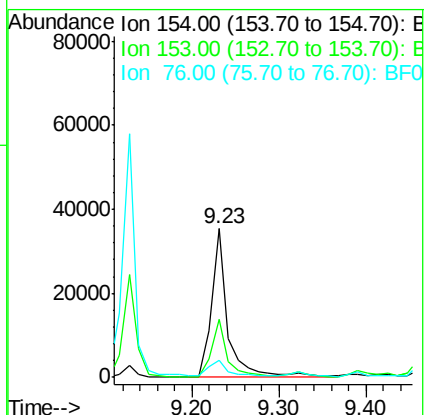
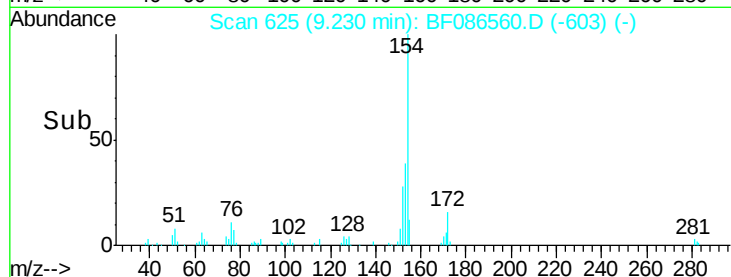
76 11.5 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 3.89 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

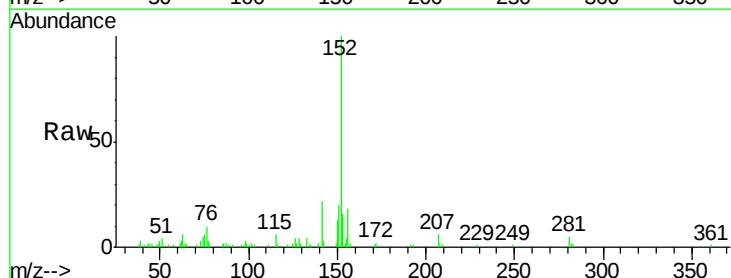
Tgt Ion:152 Resp: 52526

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

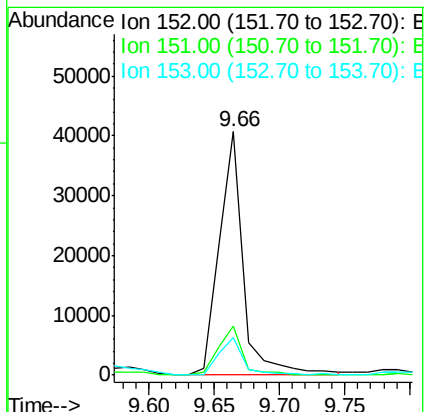
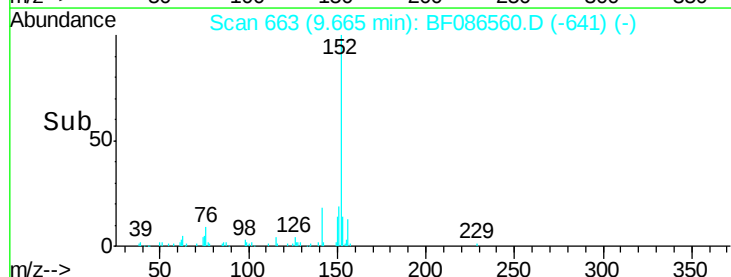
153 15.6 10.9 16.3

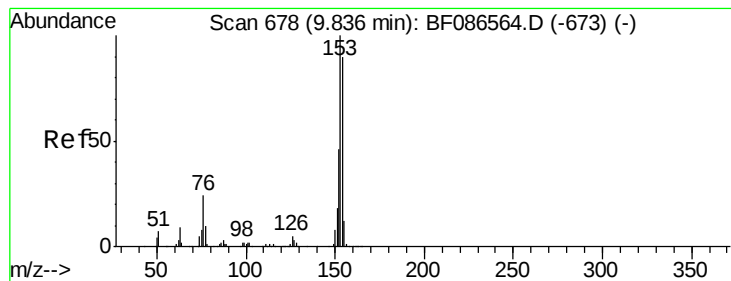


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 5.21 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

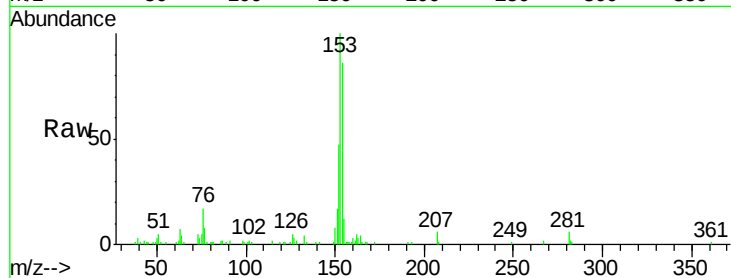
Tot Ion:154 Resp: 45149

Ion Ratio Lower Upper

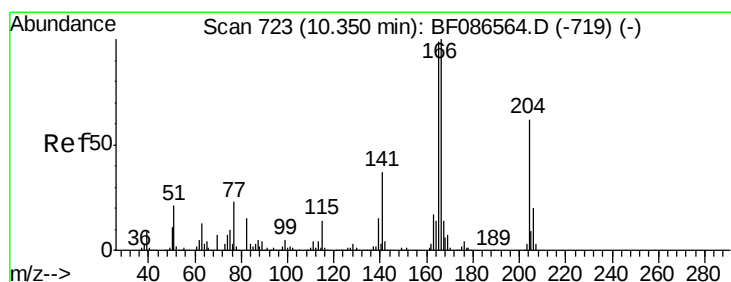
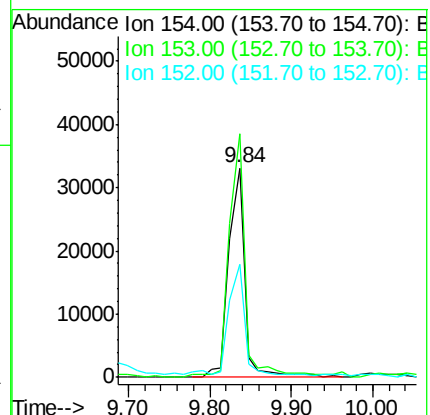
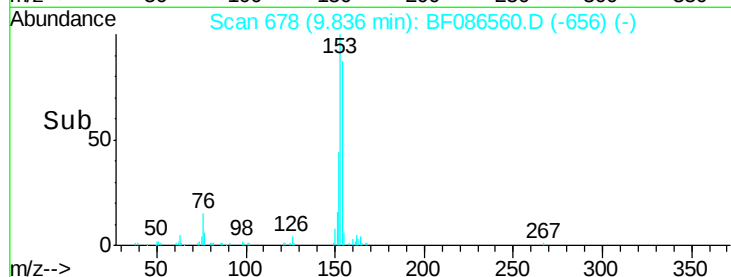
154 100

153 116.1 89.8 134.6

152 54.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 5.12 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

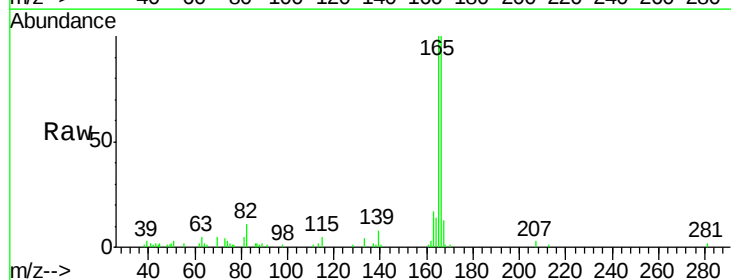
Tgt Ion:166 Resp: 48137

Ion Ratio Lower Upper

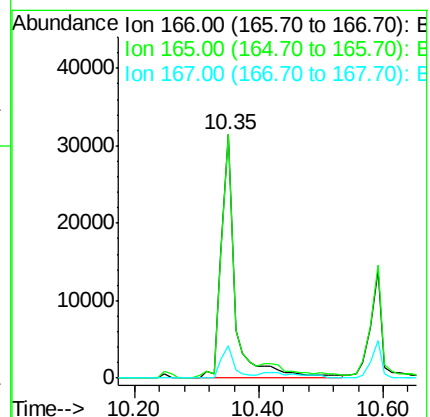
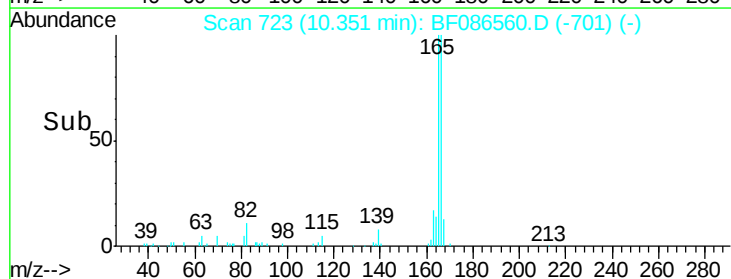
166 100

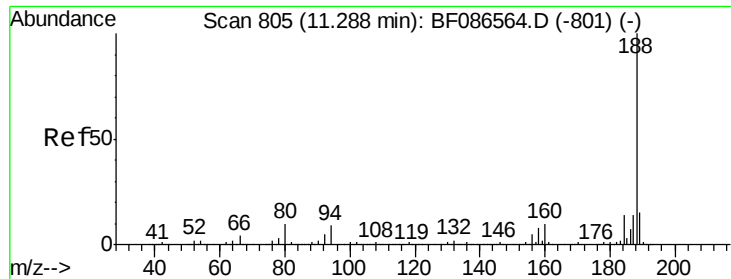
165 99.9 79.0 118.6

167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

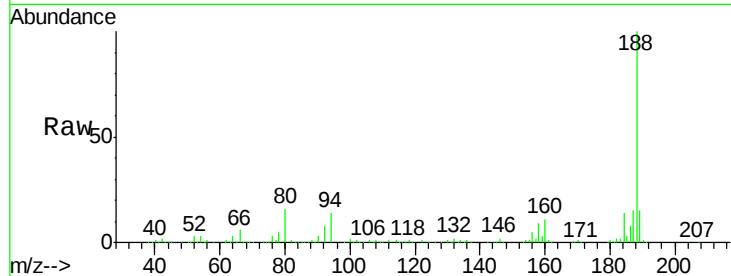
Tot Ion:188 Resp: 451373

Ion Ratio Lower Upper

188 100

94 14.0 6.8 10.2#

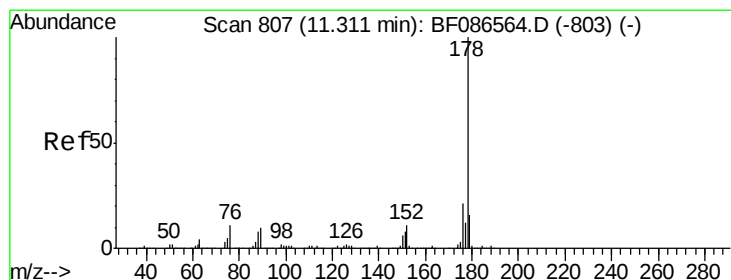
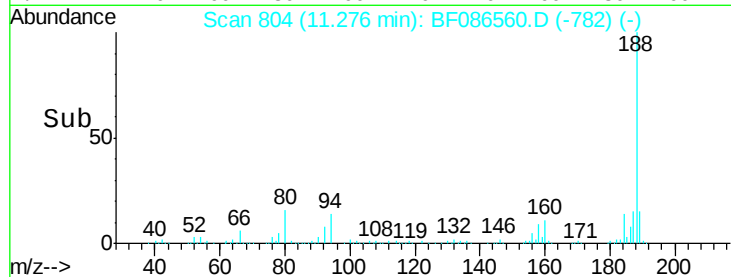
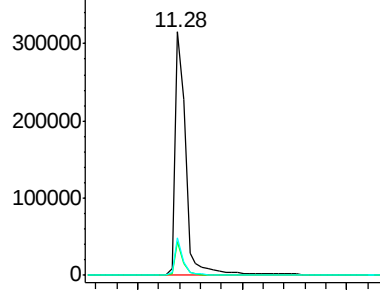
80 15.5 7.1 10.7#



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



#70

Phenanthrene

Concen: 3.66 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

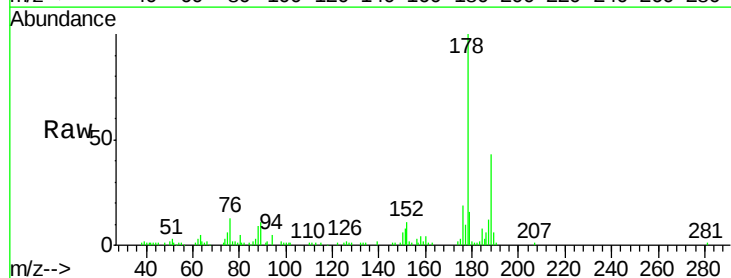
Tgt Ion:178 Resp: 86583

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

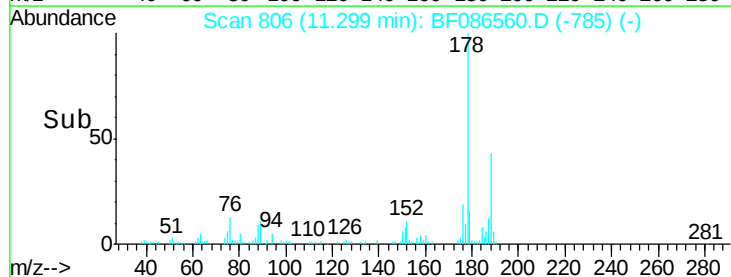
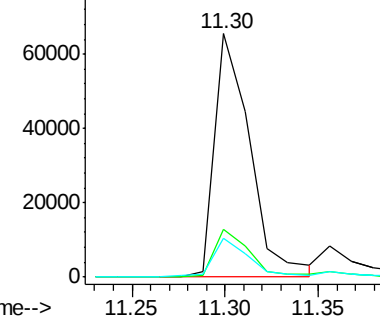
179 16.1 12.6 18.8

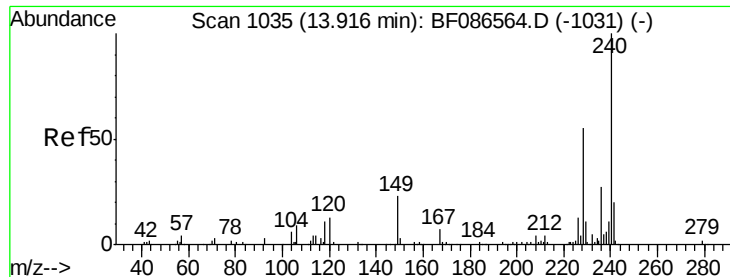


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

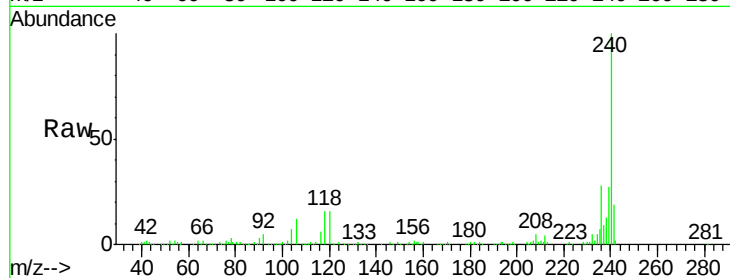
Tot Ion:240 Resp: 214286

Ion Ratio Lower Upper

240 100

120 16.4 11.2 16.8

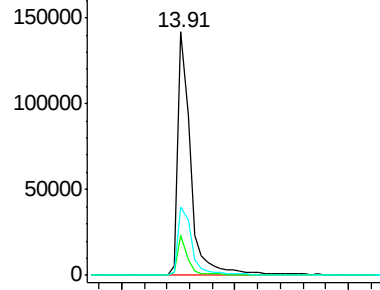
236 27.8 21.2 31.8



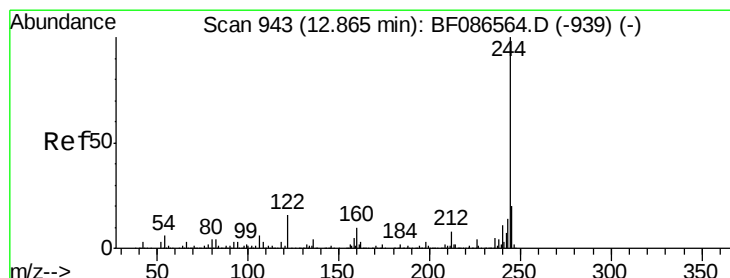
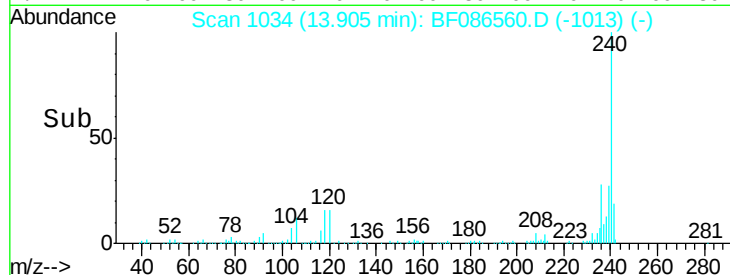
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 126.89 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086560.D

Acq: 1 May 2016 9:29

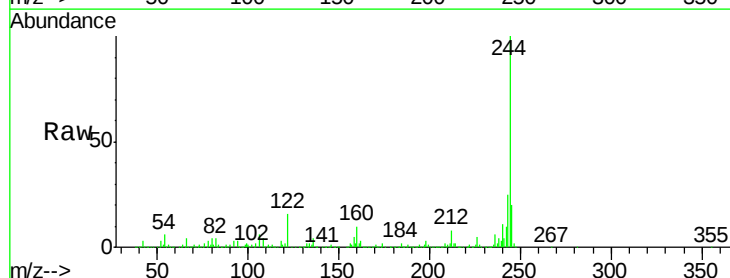
Tgt Ion:244 Resp: 1234153

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

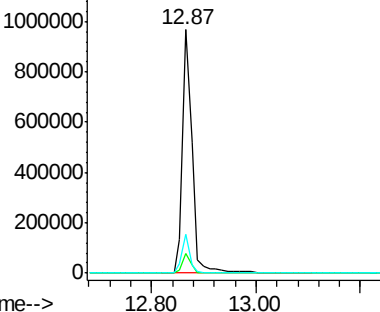
122 15.8 12.0 18.0



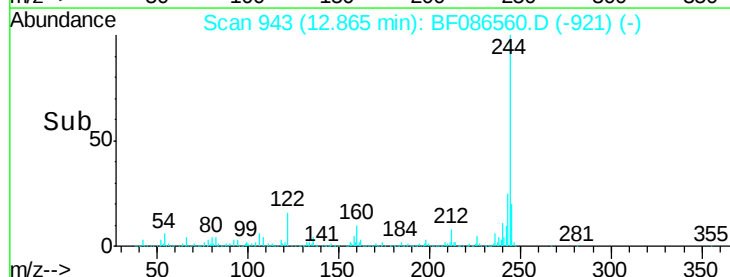
Abundance Ion 244.00 (243.70 to 244.70): E

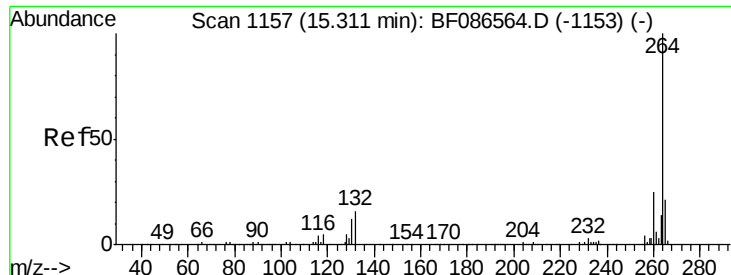
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086560.D
 Acq: 1 May 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Tot Ion: 264 Resp: 13759
 Ion Ratio Lower Upper
 264 100
 260 43.2 19.5 29.3#
 265 22.1 17.3 25.9

