

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086756.D
 Acq On : 7 May 2016 6:37
 Operator : UM/SJ
 Sample : H2762-11RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMPRES

Quant Time: May 07 23:03:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

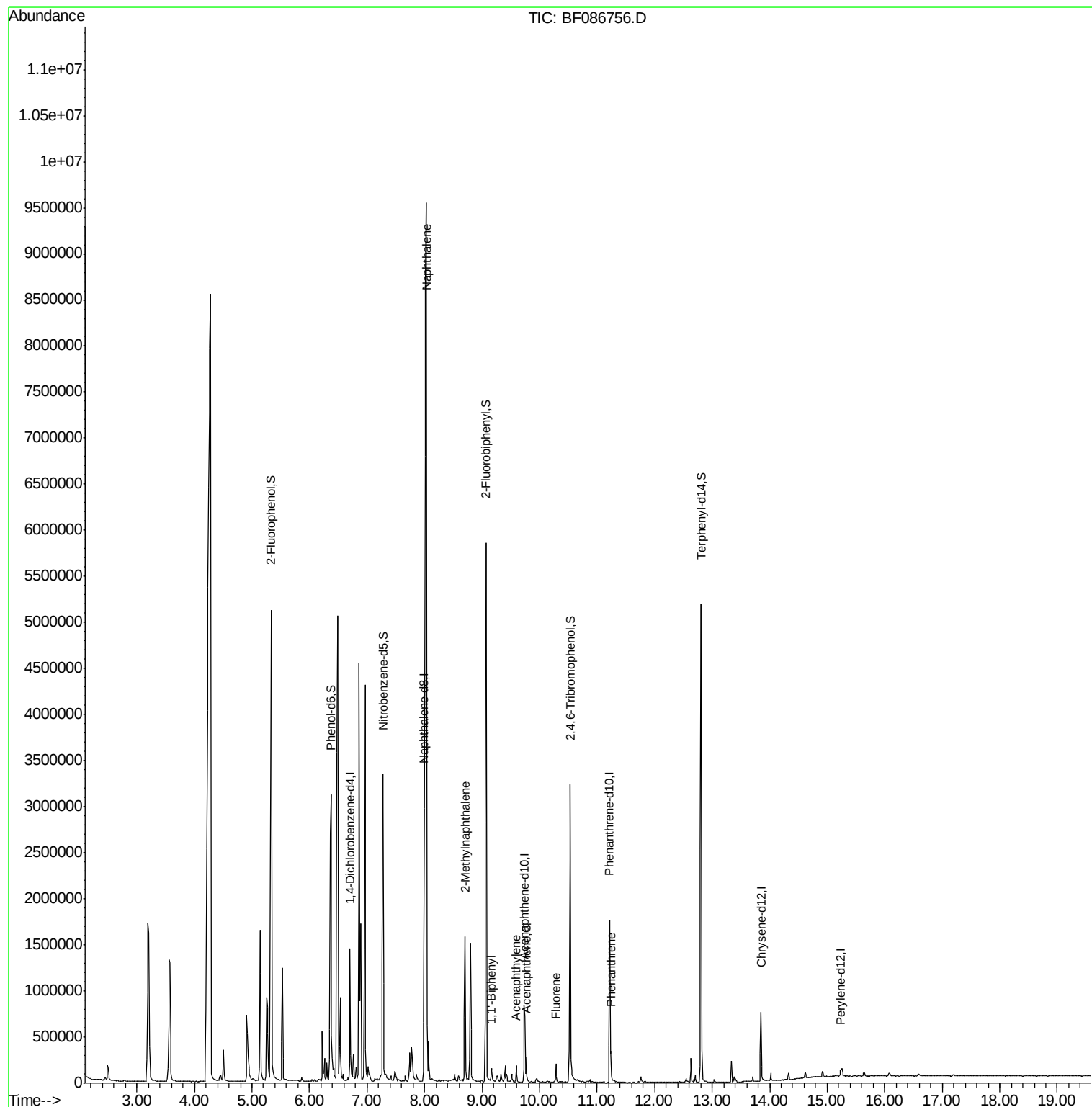
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	201140	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	698277	40.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	183010	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	569302	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	225142	40.00	ng	-0.03
86) Perylene-d12	15.23	264	9357	40.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1430242	117.72	ng	0.01
7) Phenol-d6	6.37	99	1180245	72.11	ng	0.00
23) Nitrobenzene-d5	7.28	82	1276969	93.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	558832	312.15	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2059957	184.51	ng	-0.03
78) Terphenyl-d14	12.81	244	1519735	136.42	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.03	128	7867866	220.54	ng	# 92
37) 2-Methylnaphthalene	8.70	142	484993	23.04	ng	98
45) 1,1'-Biphenyl	9.16	154	67450	4.51	ng	95
48) Acenaphthylene	9.60	152	78146	4.56	ng	# 95
51) Acenaphthene	9.77	154	64347	5.69	ng	98
57) Fluorene	10.28	166	67095	5.91	ng	93
70) Phenanthrene	11.24	178	119846	3.92	ng	98

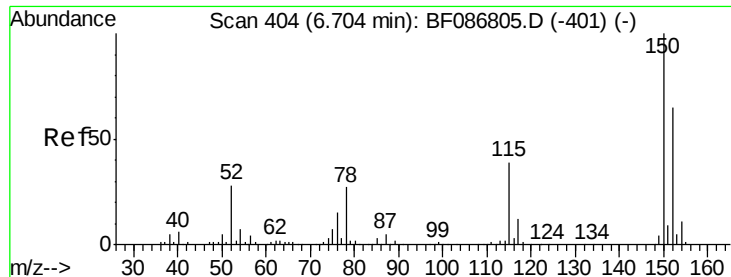
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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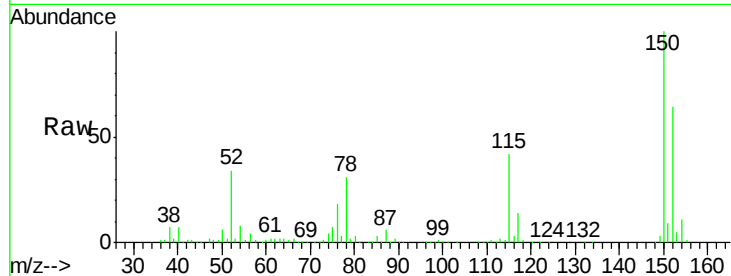


#1

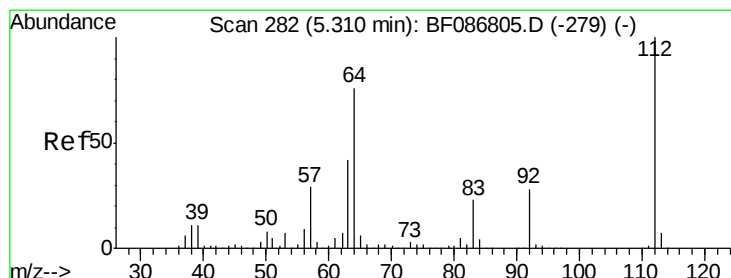
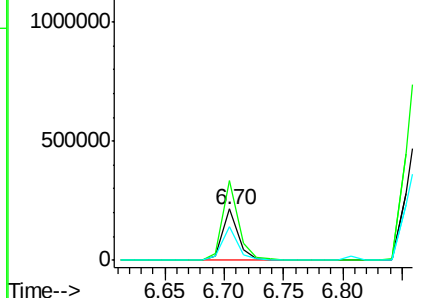
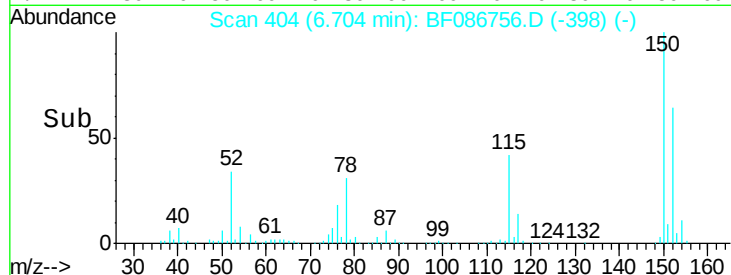
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086756.D
Acq: 7 May 2016 6:37

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion:152 Resp: 201140
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 65.6 51.5 77.3



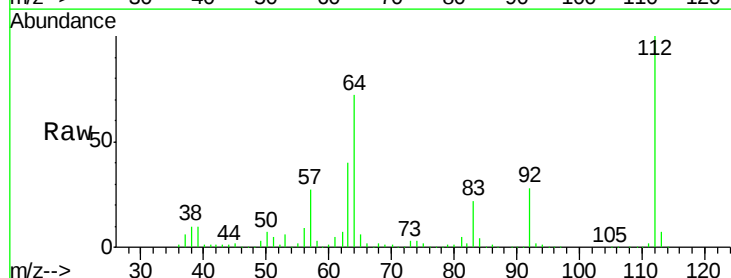
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



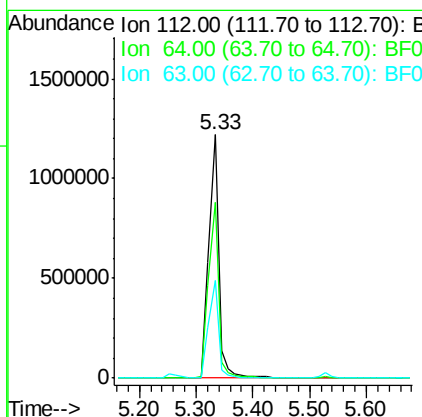
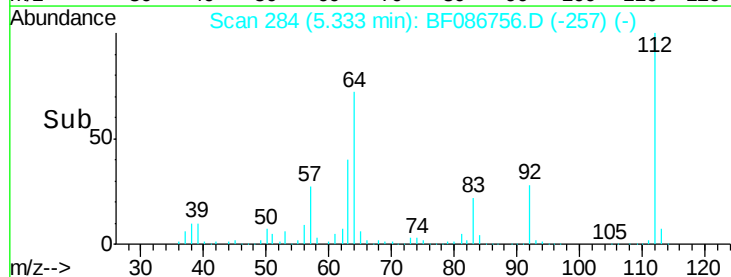
#5

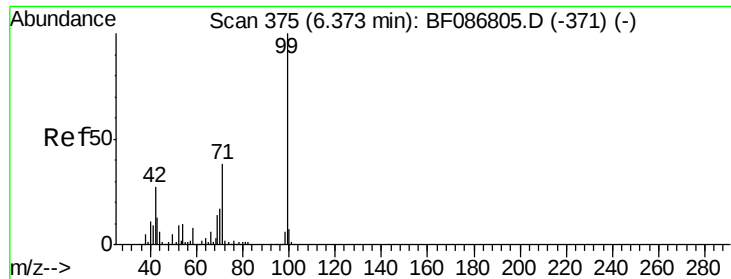
2-Fluorophenol
Concen: 117.72 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086756.D
Acq: 7 May 2016 6:37

Tgt Ion:112 Resp: 1430242
Ion Ratio Lower Upper
112 100
64 72.0 52.1 78.1
63 40.1 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: 72.11 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

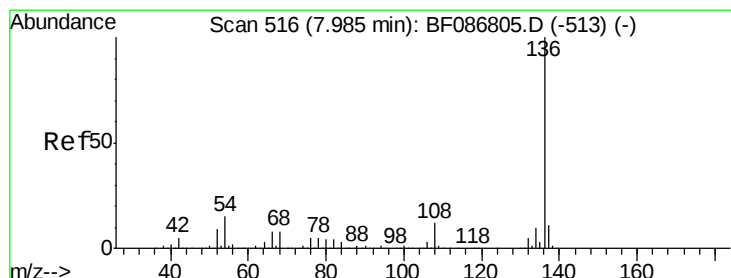
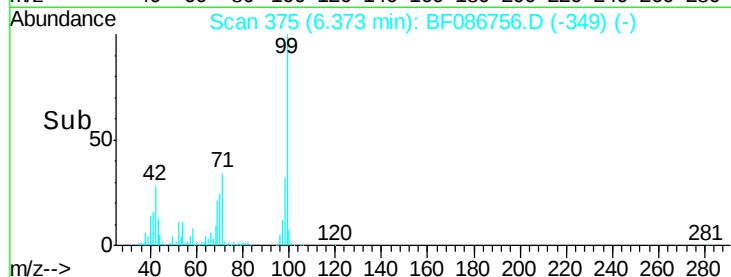
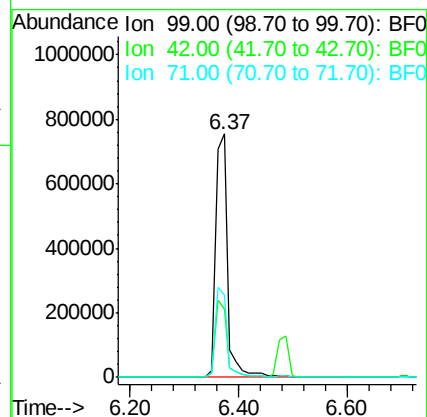
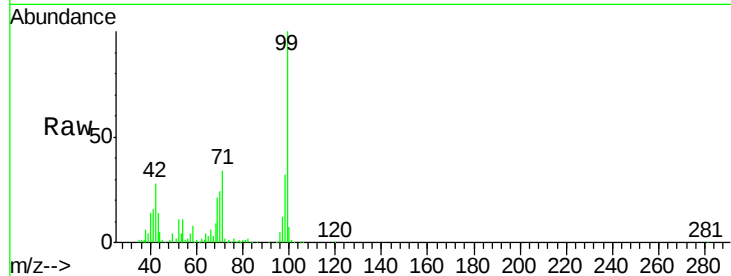
Tgt Ion: 99 Resp: 1180245

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

71 33.7 24.6 36.8



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

Tgt Ion: 136 Resp: 698277

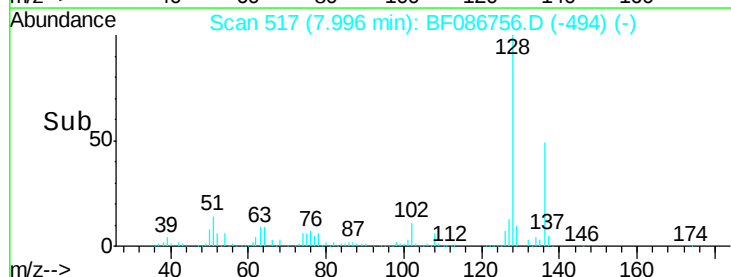
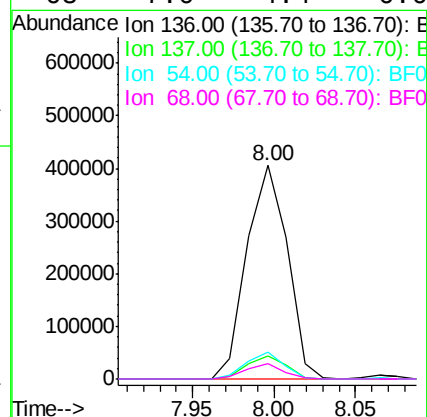
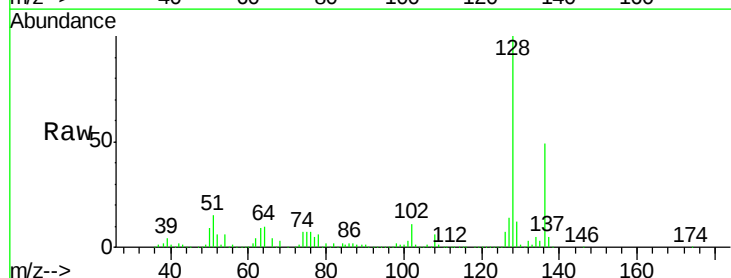
Ion Ratio Lower Upper

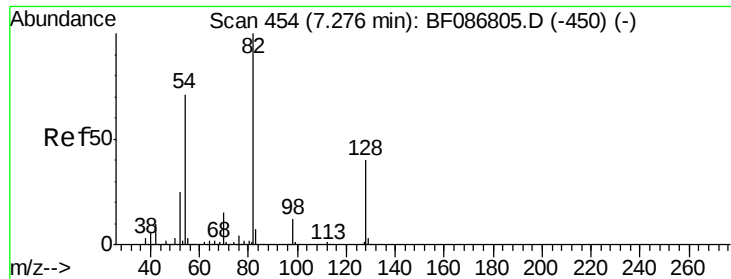
136 100

137 11.1 8.8 13.2

54 12.4 5.0 7.4#

68 7.0 4.4 6.6#

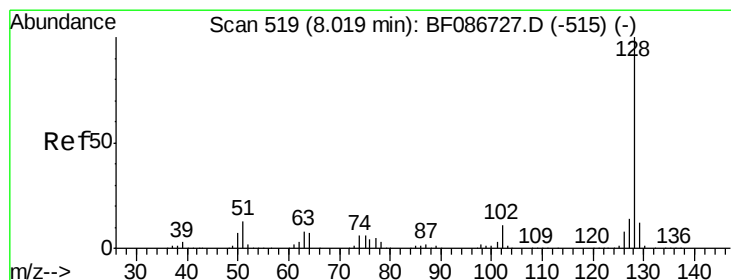
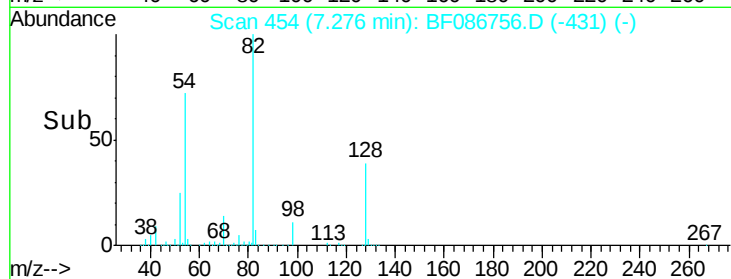
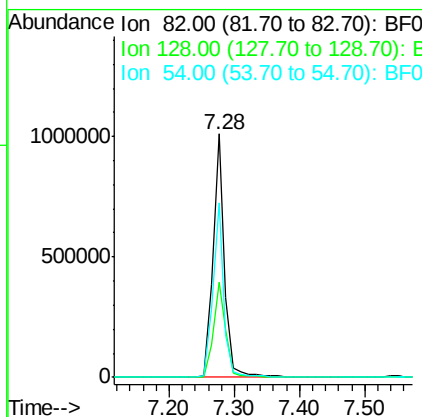
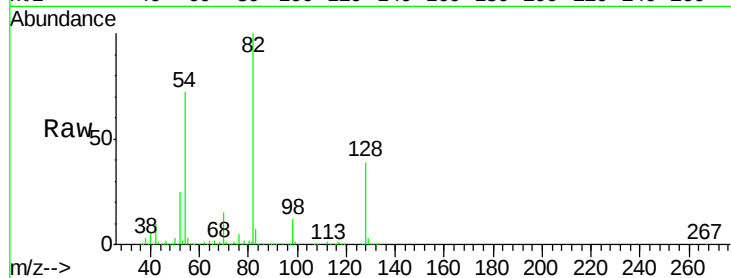




#23
 Nitrobenzene-d5
 Concen: 93.97 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF086756.D
 Acq: 7 May 2016 6:37

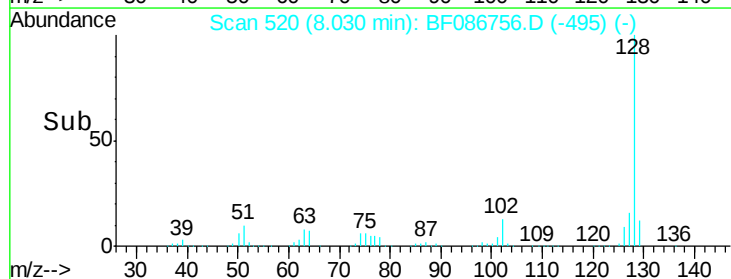
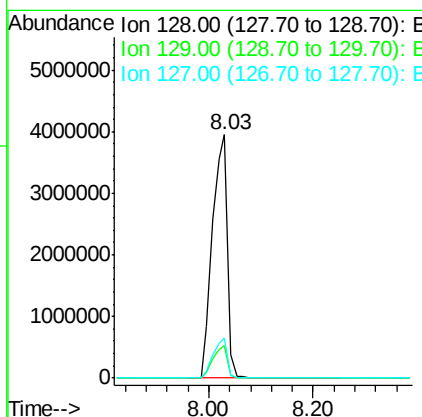
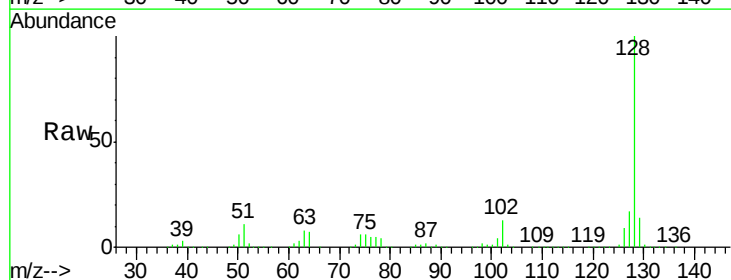
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

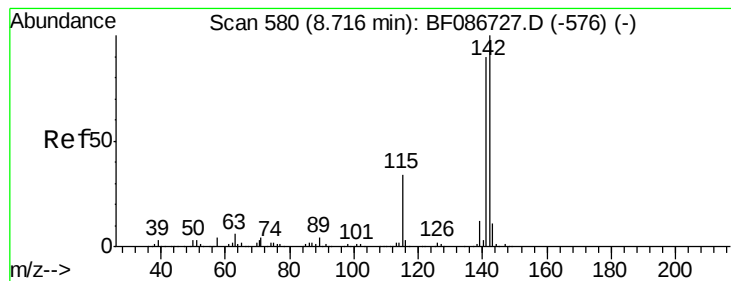
Tgt Ion: 82 Resp: 1276969
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.9 38.1 57.1#



#31
 Naphthalene
 Concen: 220.54 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF086756.D
 Acq: 7 May 2016 6:37

Tgt Ion: 128 Resp: 7867866
 Ion Ratio Lower Upper
 128 100
 129 13.5 8.6 13.0#
 127 16.7 10.8 16.2#





#37

2-Methylnaphthalene

Concen: 23.04 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

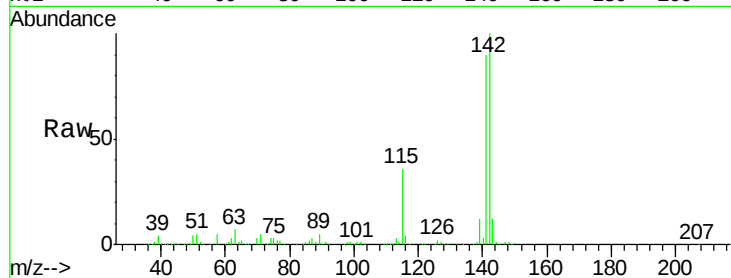
Tgt Ion:142 Resp: 484993

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6

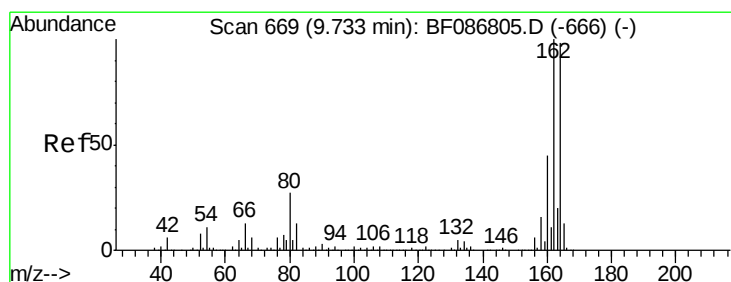
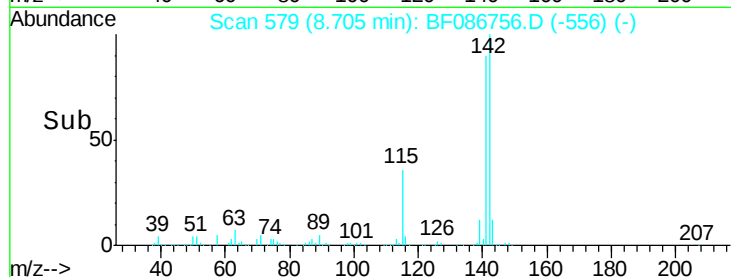
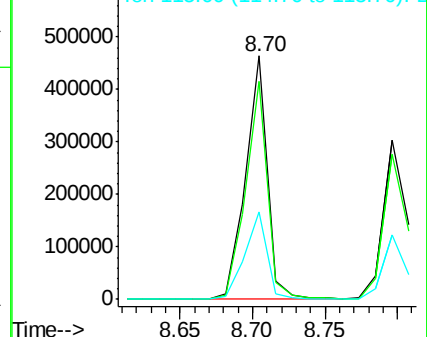
115 36.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

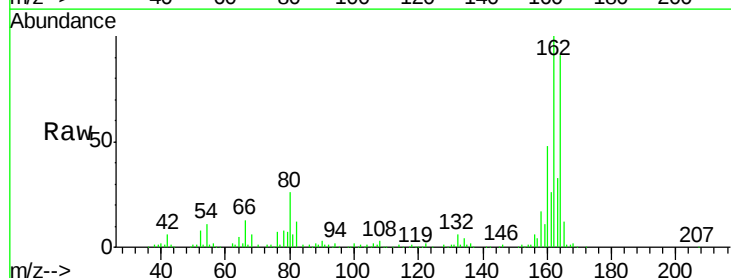
Tgt Ion:164 Resp: 183010

Ion Ratio Lower Upper

164 100

162 109.6 82.8 124.2

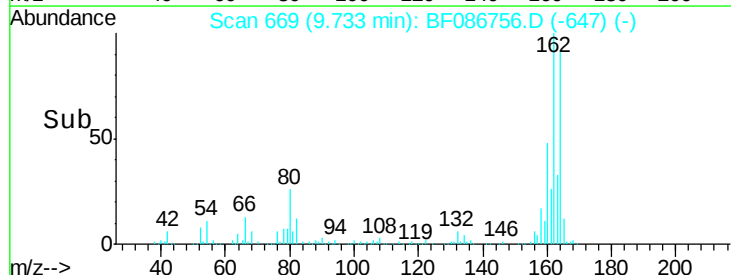
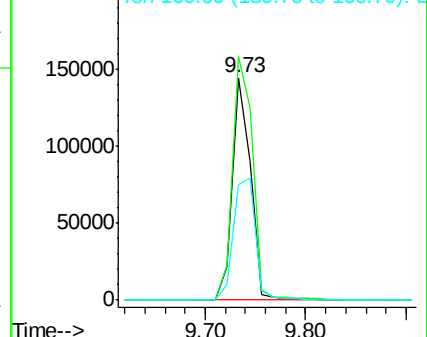
160 52.2 36.9 55.3

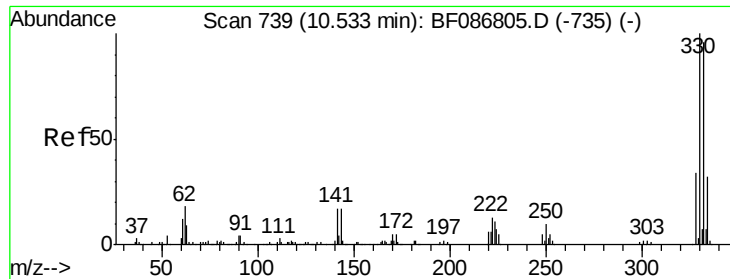


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

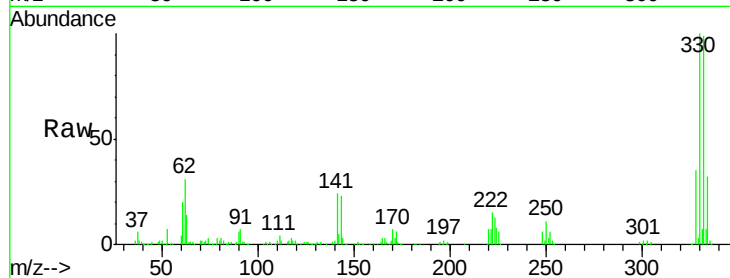




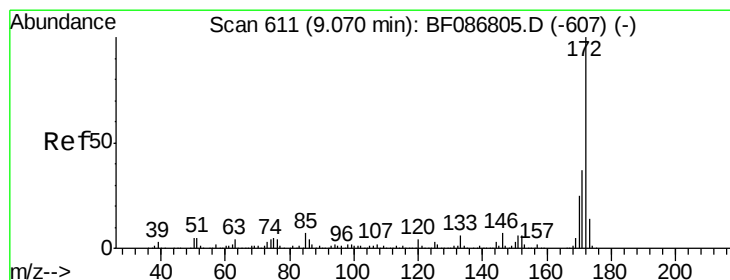
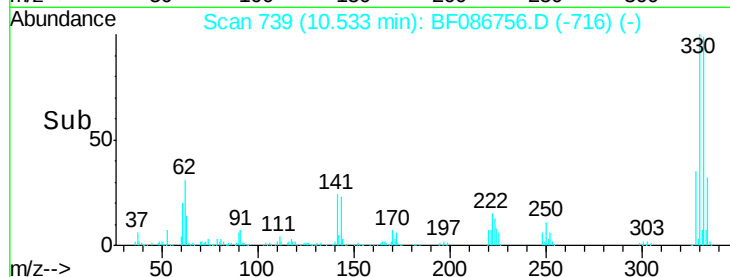
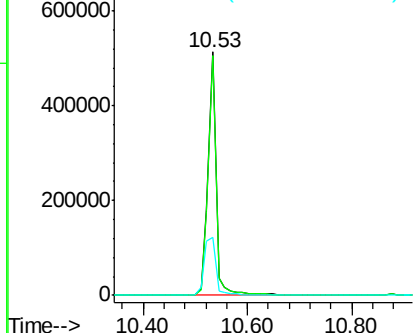
#41
 2,4,6-Tribromophenol
 Concen: 312.15 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086756.D
 Acq: 7 May 2016 6:37

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Tgt Ion:330 Resp: 558832
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 35.6 31.2 46.8

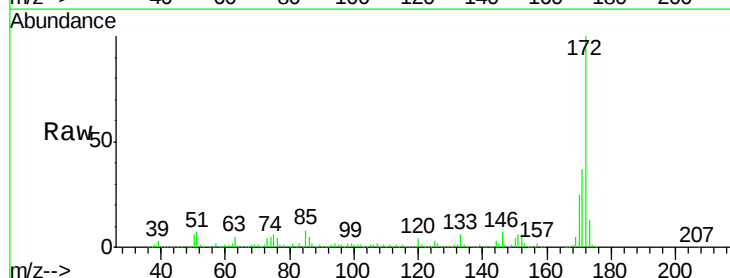


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

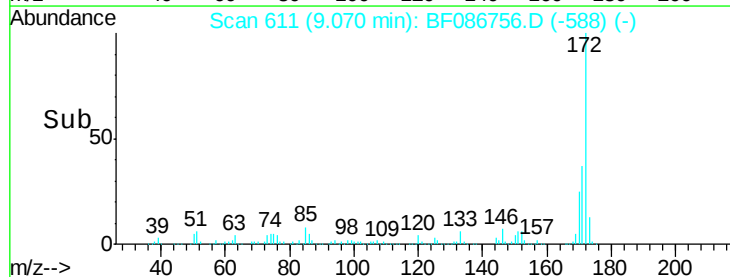
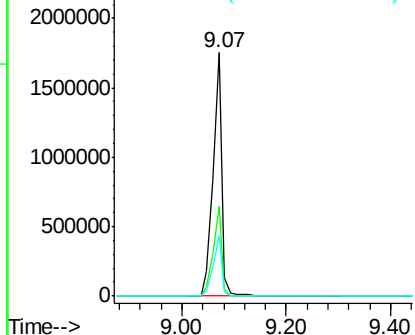


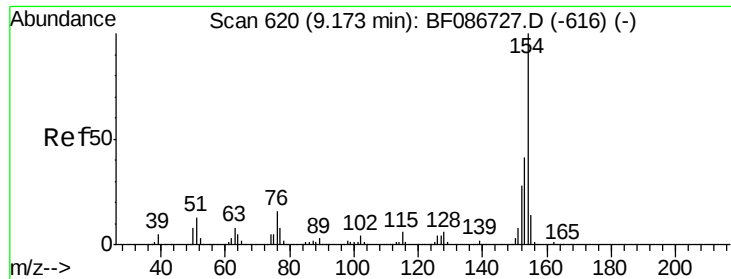
#44
 2-Fluorobiphenyl
 Concen: 184.51 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086756.D
 Acq: 7 May 2016 6:37

Tgt Ion:172 Resp: 2059957
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 25.0 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: 4.51 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

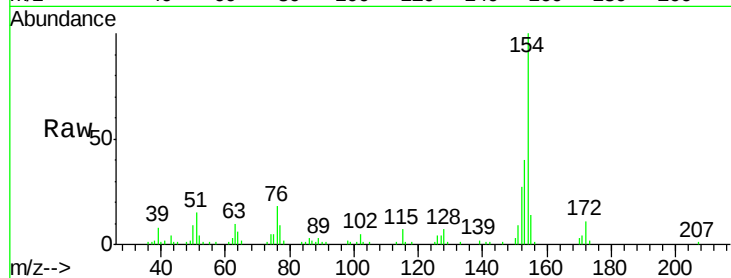
Tgt Ion:154 Resp: 67450

Ion Ratio Lower Upper

154 100

153 39.6 20.3 60.3

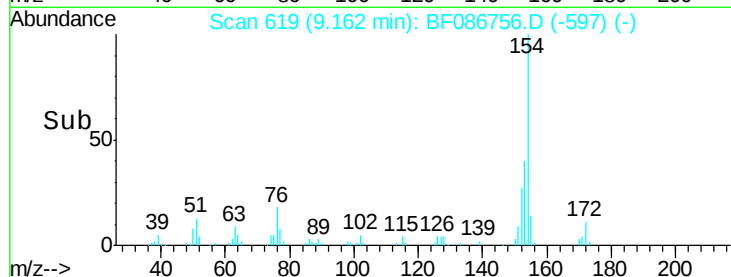
76 18.1 0.0 30.2



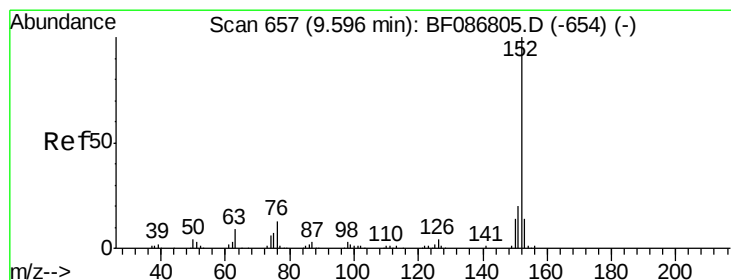
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#48

Acenaphthylene

Concen: 4.56 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.05 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

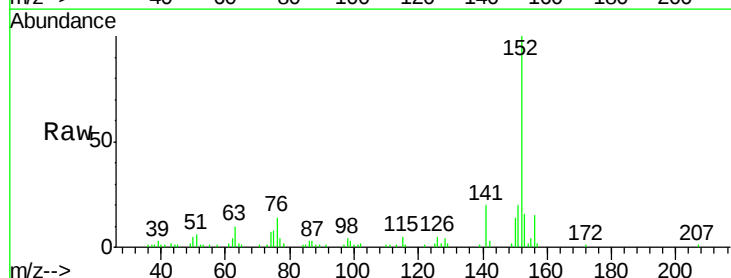
Tgt Ion:152 Resp: 78146

Ion Ratio Lower Upper

152 100

151 19.5 16.8 25.2

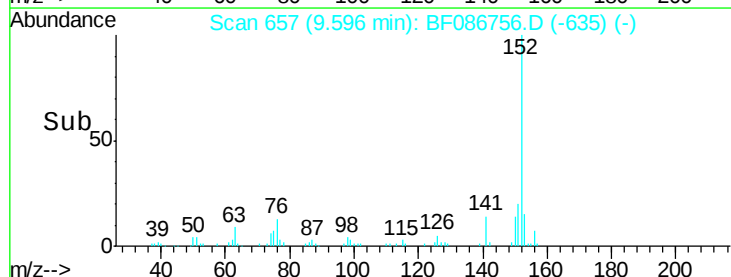
153 16.3 10.9 16.3#



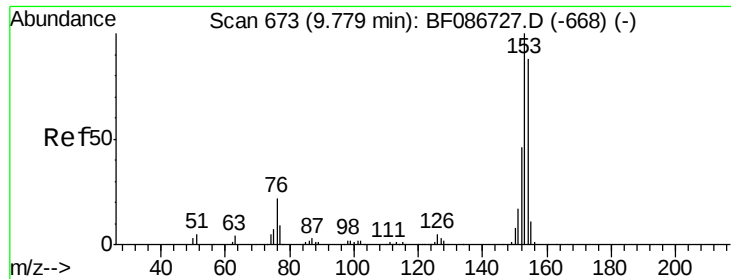
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#51

Acenaphthene

Concen: 5.69 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

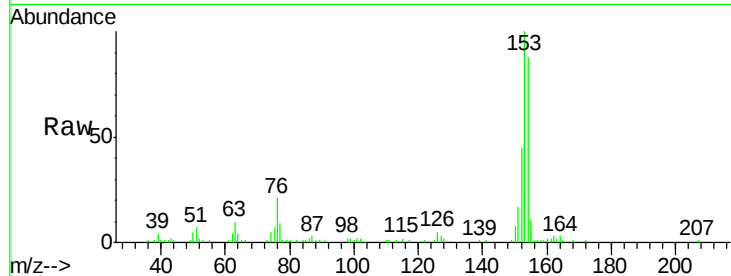
Tgt Ion:154 Resp: 64347

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

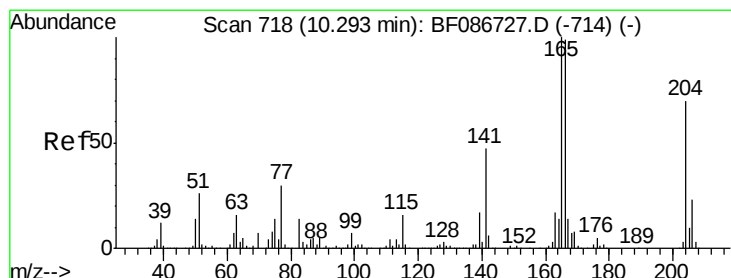
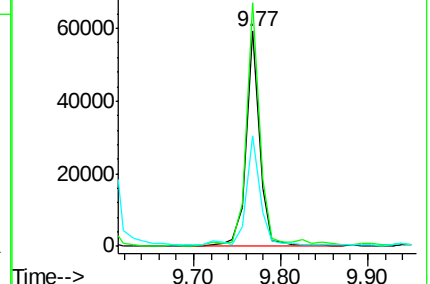
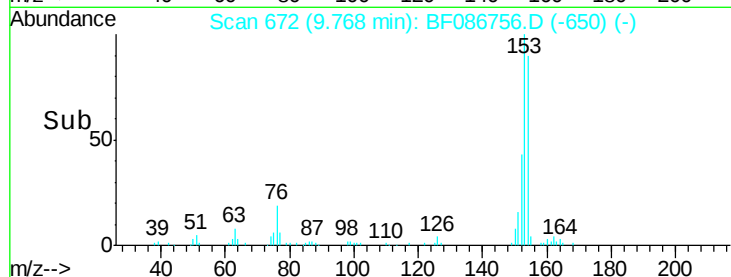
152 51.1 43.4 65.0



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: 5.91 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

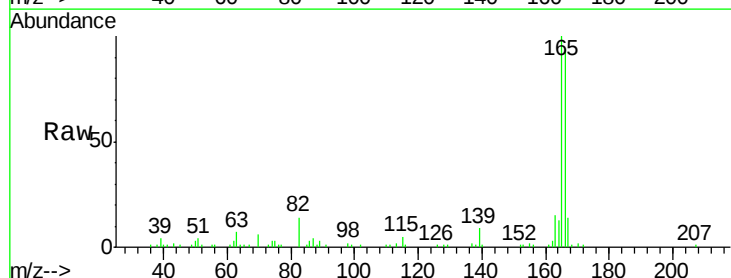
Tgt Ion:166 Resp: 67095

Ion Ratio Lower Upper

166 100

165 105.9 79.0 118.6

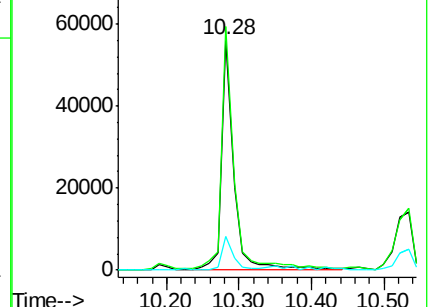
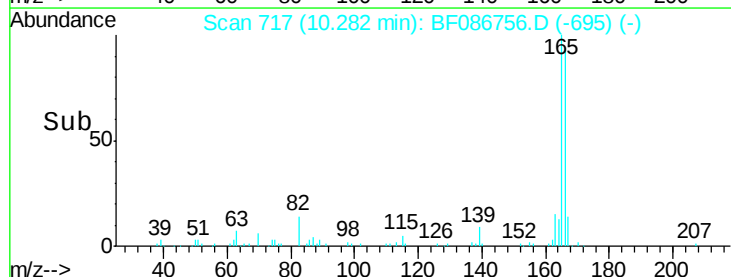
167 14.4 10.6 15.8

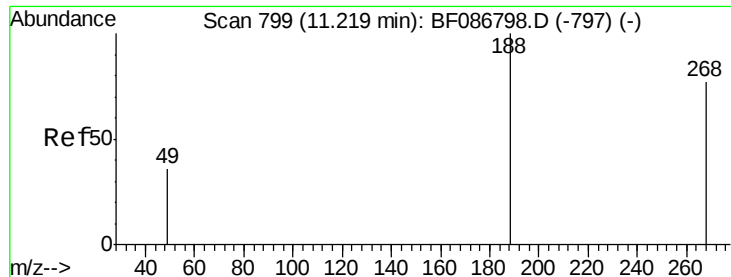


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

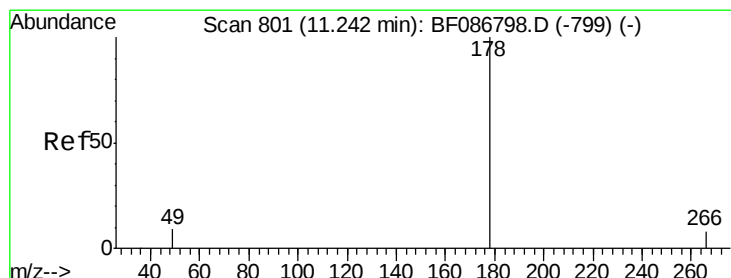
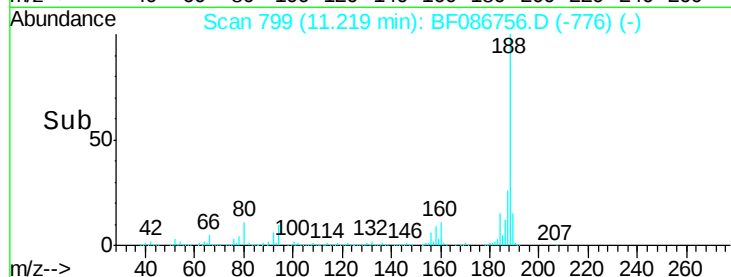
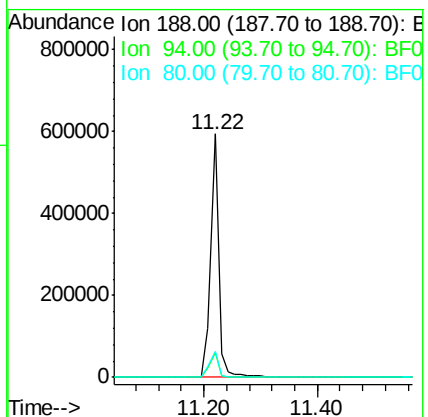
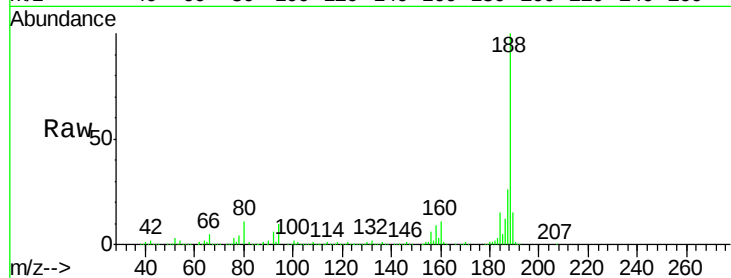




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086756.D
Acq: 7 May 2016 6:37

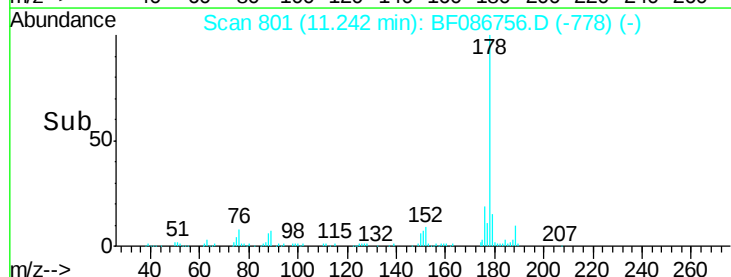
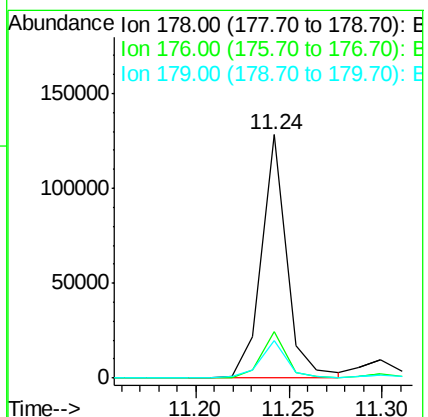
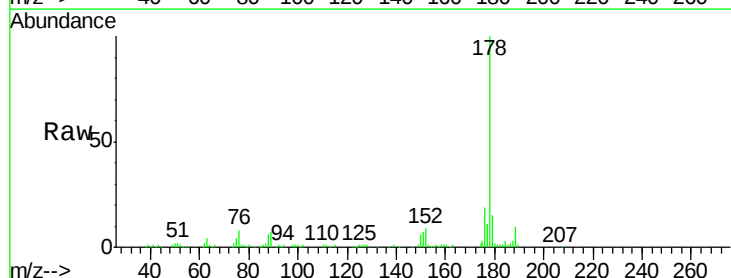
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

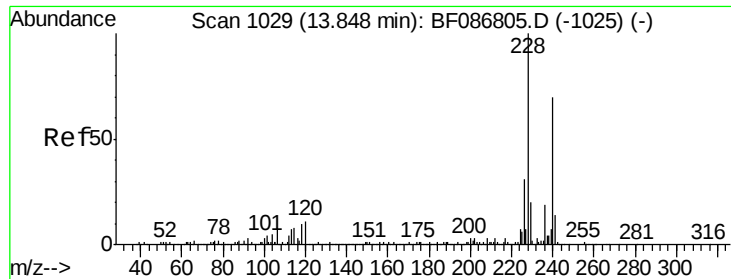
Tgt Ion:188 Resp: 569302
Ion Ratio Lower Upper
188 100
94 10.0 6.8 10.2
80 10.8 7.1 10.7#



#70
Phenanthrene
Concen: 3.92 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF086756.D
Acq: 7 May 2016 6:37

Tgt Ion:178 Resp: 119846
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.4 12.6 18.8





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

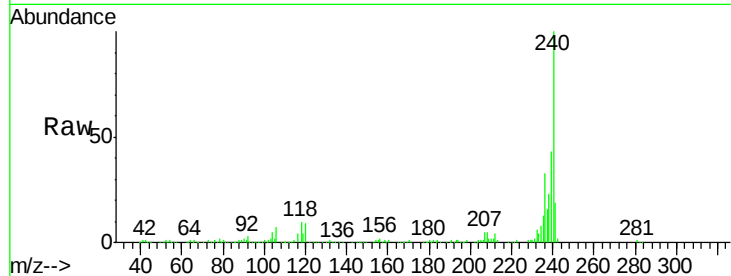
Tgt Ion:240 Resp: 225142

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

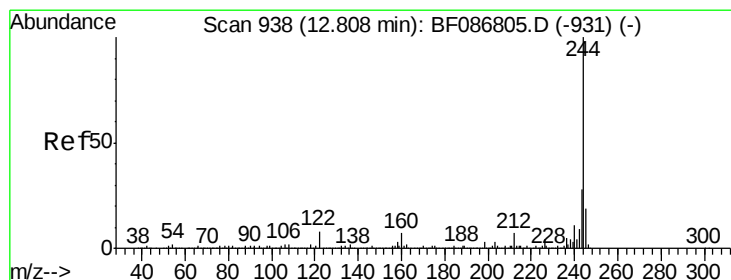
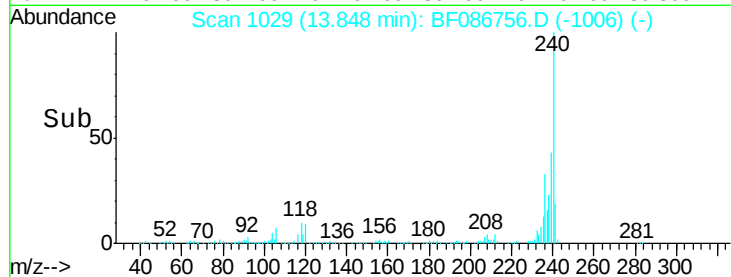
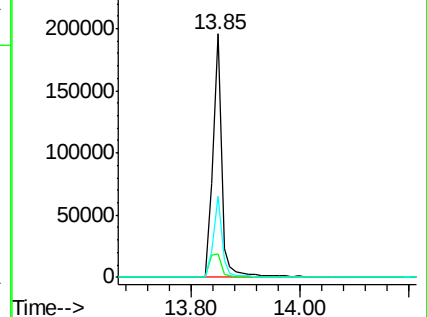
236 33.5 21.2 31.8#



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



#78

Terphenyl-d14

Concen: 136.42 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086756.D

Acq: 7 May 2016 6:37

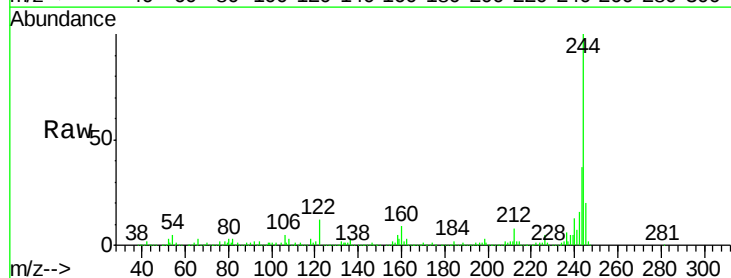
Tgt Ion:244 Resp: 1519735

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

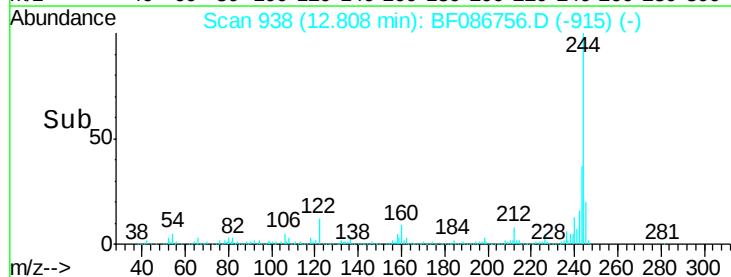
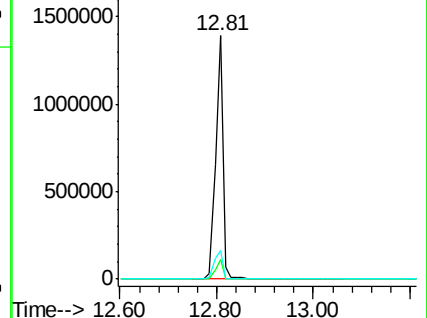
122 11.8 12.0 18.0#

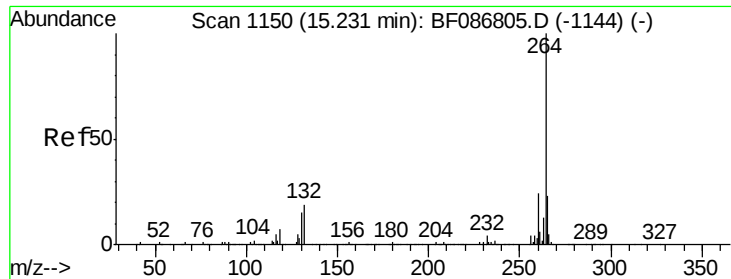


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF086756.D
Acq: 7 May 2016 6:37

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

Tgt Ion: 264 Resp: 9357
Ion Ratio Lower Upper
264 100
260 81.7 19.5 29.3#
265 28.8 17.3 25.9#

