

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086559.D
 Acq On : 1 May 2016 9:01
 Operator : UM/SJ
 Sample : H2762-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

Quant Time: May 02 02:05:30 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

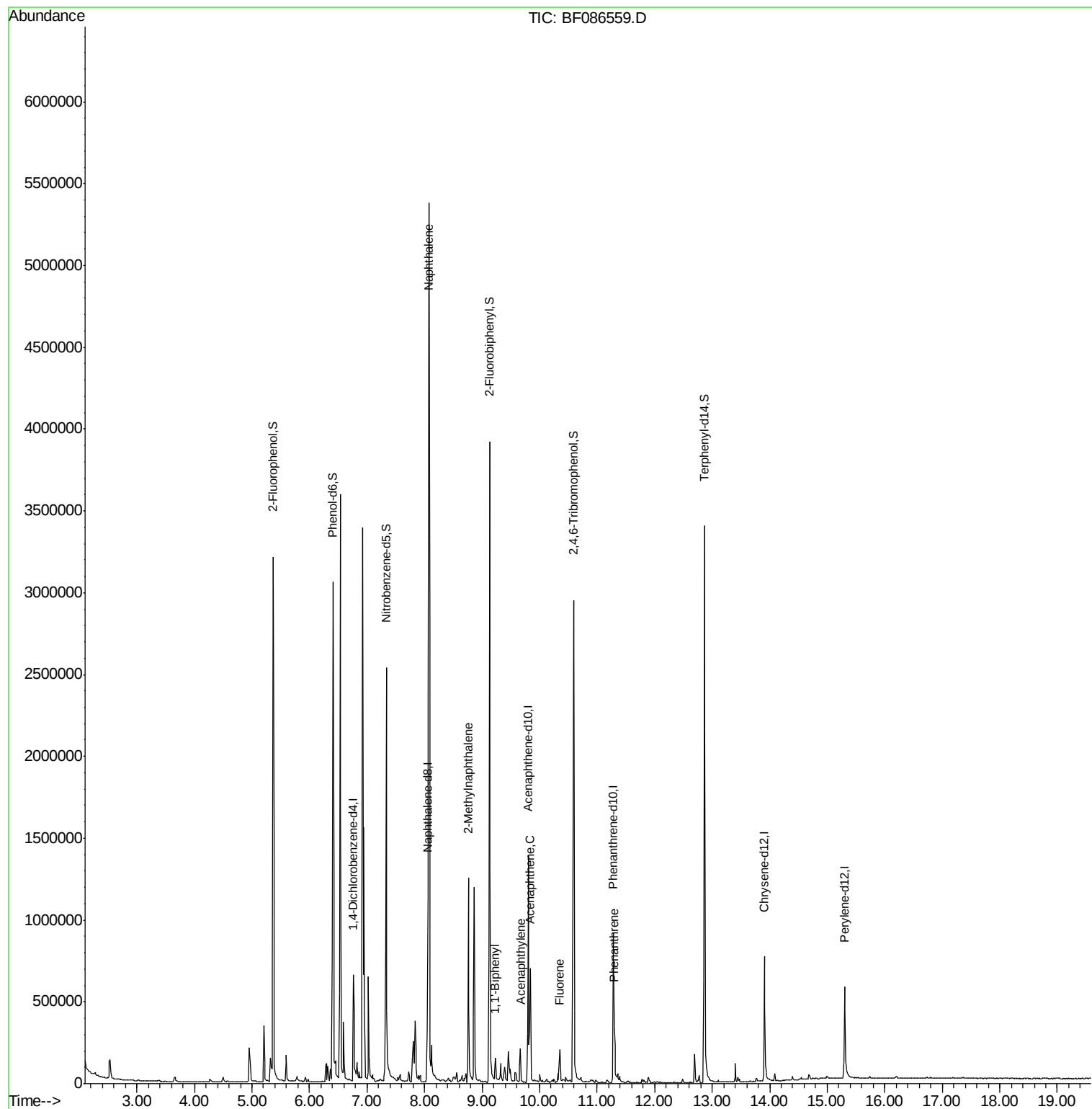
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	129209	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	533796	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	275825	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	524643	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	374720	20.00	ng	-0.06
86) Perylene-d12	15.30	264	330835	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1013788	135.34	ng	-0.02
7) Phenol-d6	6.41	99	1255419	120.08	ng	-0.03
23) Nitrobenzene-d5	7.33	82	922273	93.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	375432	129.07	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1427807	92.24	ng	-0.05
78) Terphenyl-d14	12.87	244	1473552	86.64	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.08	128	3370895	124.10	ng	97
37) 2-Methylnaphthalene	8.76	142	385384	24.04	ng	97
45) 1,1'-Biphenyl	9.23	154	56401	2.45	ng	96
48) Acenaphthylene	9.66	152	81046	2.96	ng	# 96
51) Acenaphthene	9.84	154	173868	9.88	ng	98
57) Fluorene	10.35	166	91376	4.78	ng	96
70) Phenanthrene	11.30	178	135448	4.92	ng	98

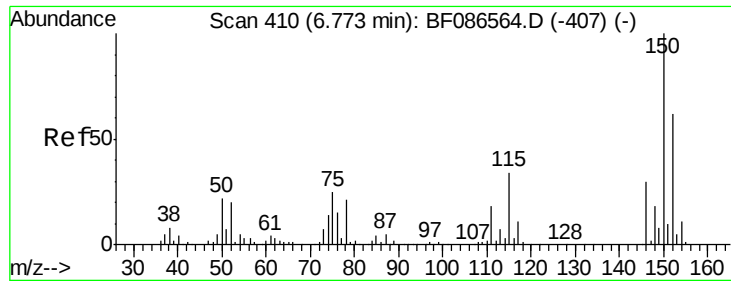
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086559.D
Acq On : 1 May 2016 9:01
Operator : UM/SJ
Sample : H2762-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

Quant Time: May 02 02:05:30 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: BF086559.D

Acq: 1 May 2016 9:01

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

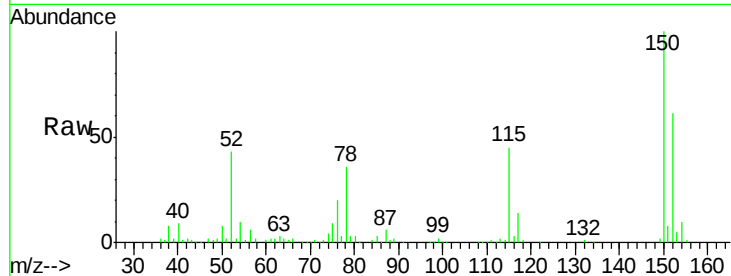
Tot Ion:152 Resp: 129209

Ion Ratio Lower Upper

152 100

150 162.7 125.8 188.6

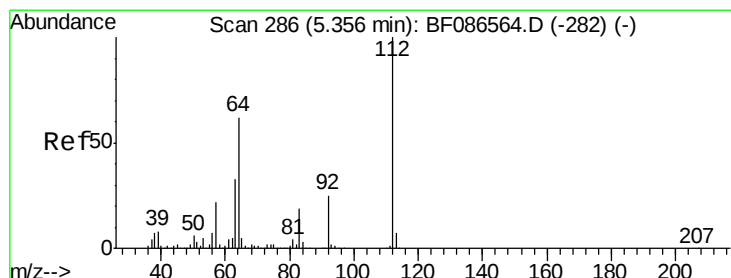
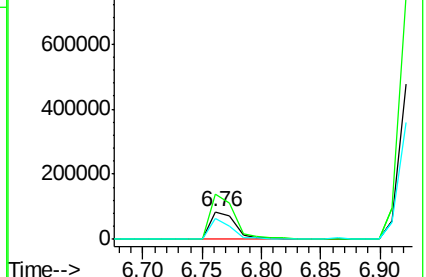
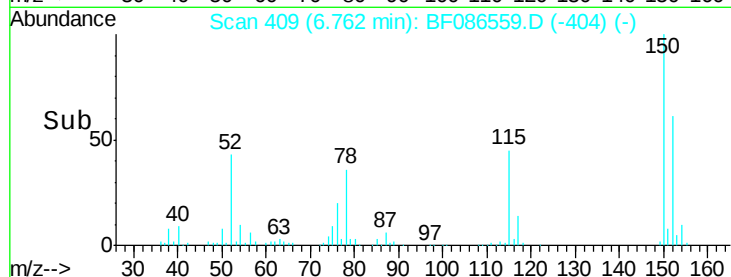
115 73.6 51.5 77.3



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: 135.34 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

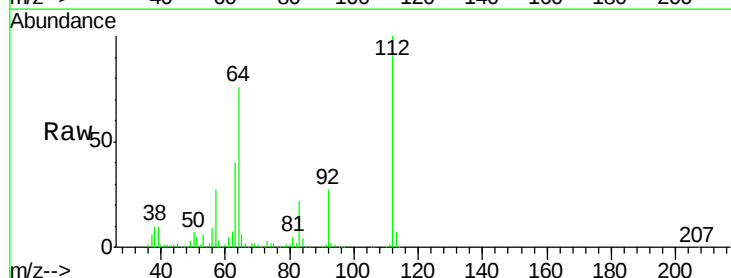
Tgt Ion:112 Resp: 1013788

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

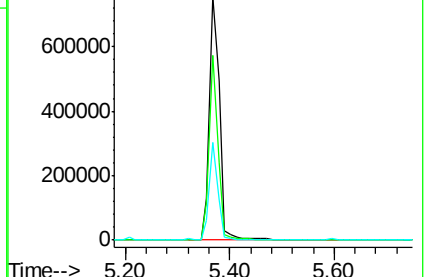
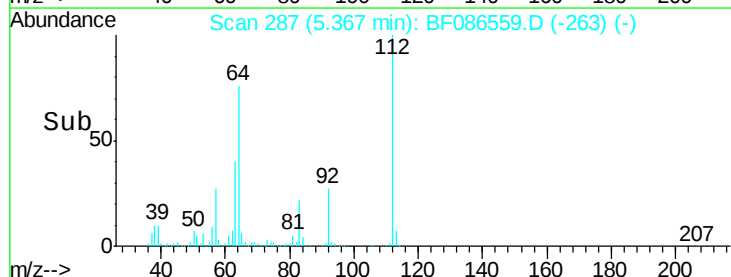
63 40.4 25.7 38.5#



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: 120.08 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

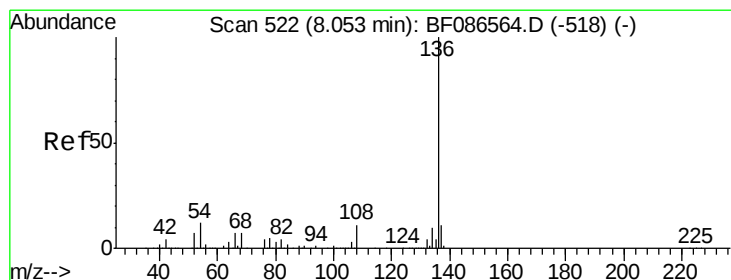
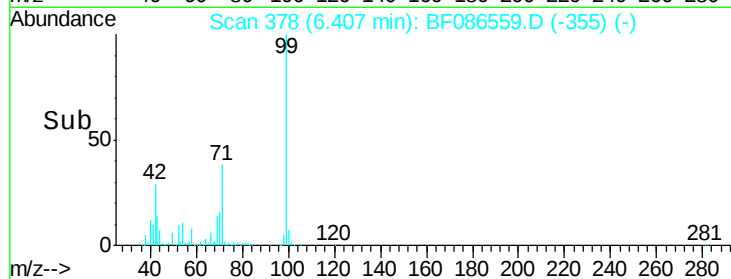
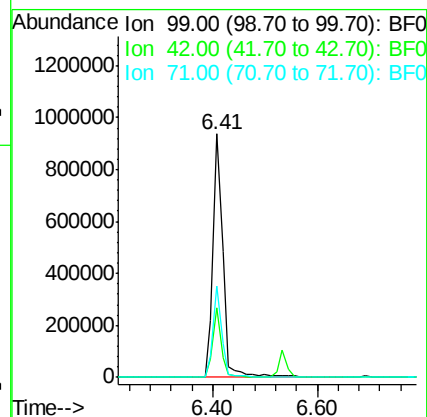
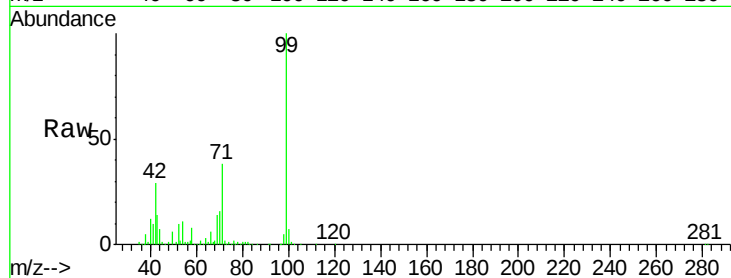
Tot Ion: 99 Resp: 1255419

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 37.5 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

Tgt Ion: 136 Resp: 533796

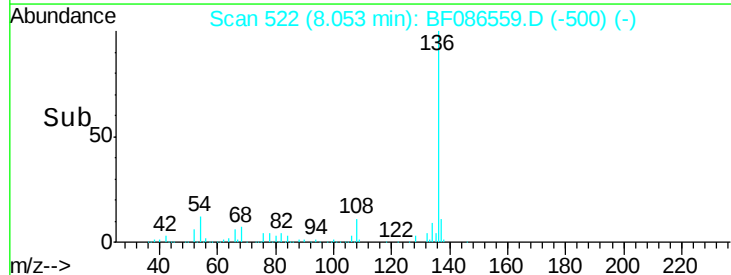
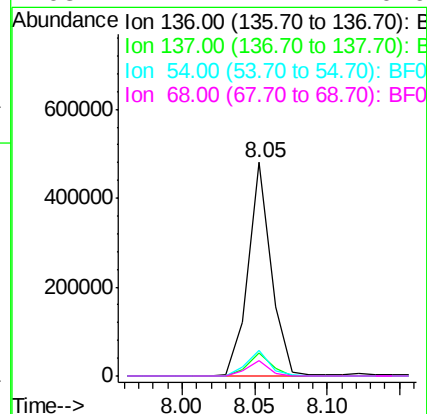
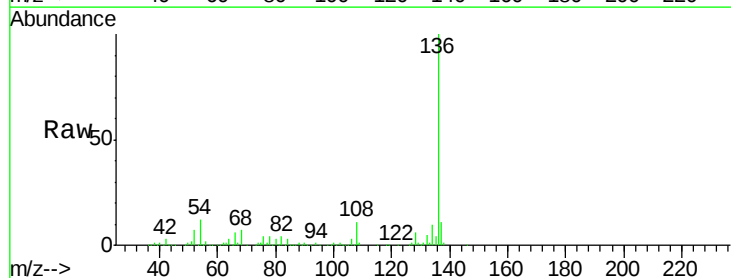
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 12.1 5.0 7.4#

68 7.1 4.4 6.6#

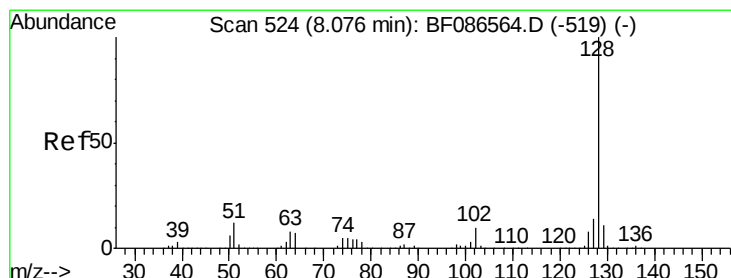
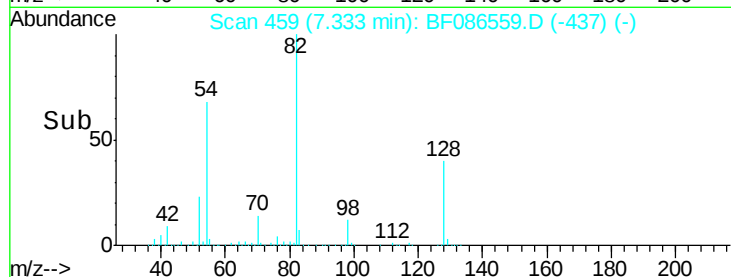
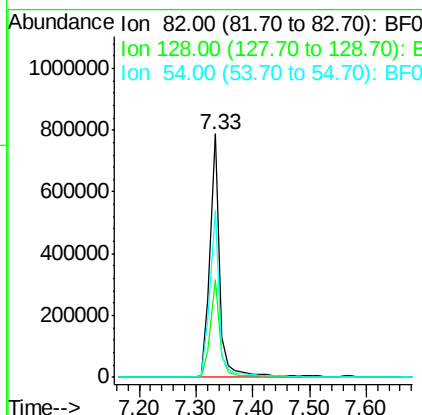
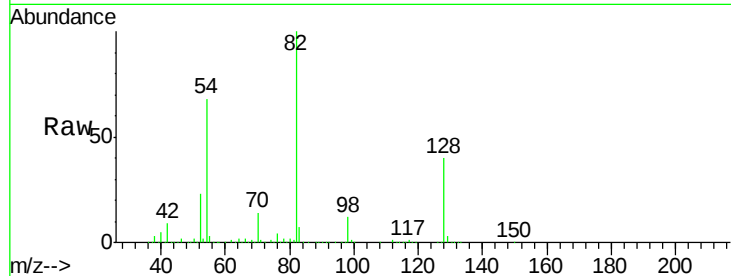




#23
Nitrobenzene-d5
Concen: 93.13 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086559.D
Acq: 1 May 2016 9:01

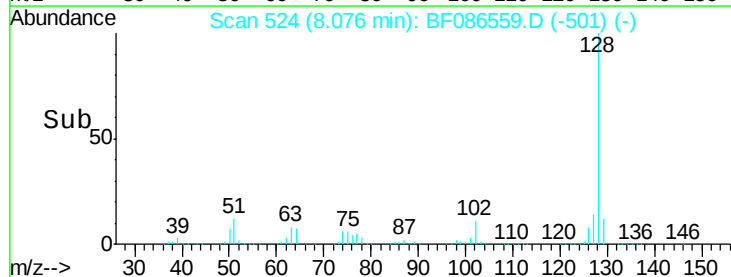
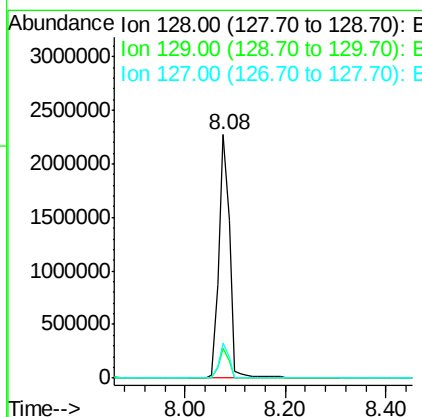
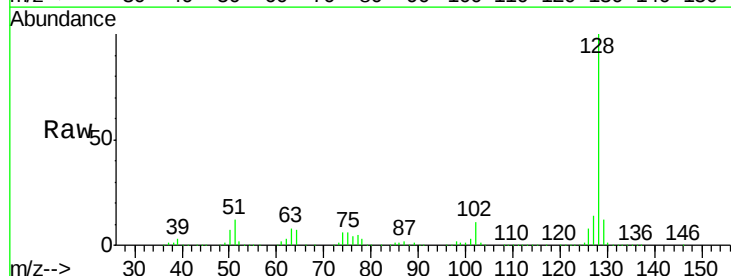
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

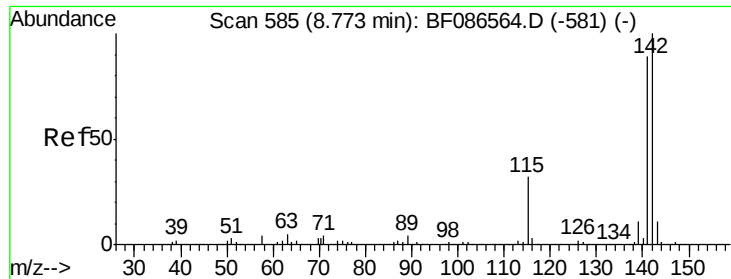
Tot Ion: 82 Resp: 922273
Ion Ratio Lower Upper
82 100
128 39.9 40.6 61.0#
54 68.3 38.1 57.1#



#31
Naphthalene
Concen: 124.10 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086559.D
Acq: 1 May 2016 9:01

Tgt Ion:128 Resp: 3370895
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 14.5 10.8 16.2

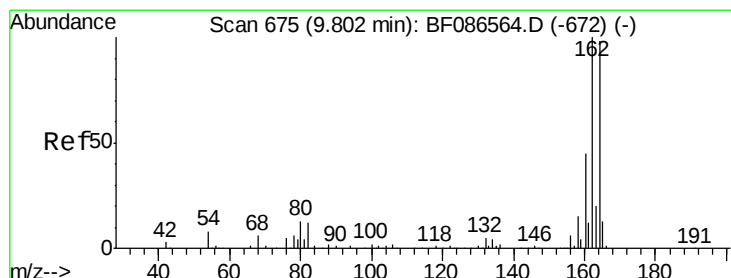
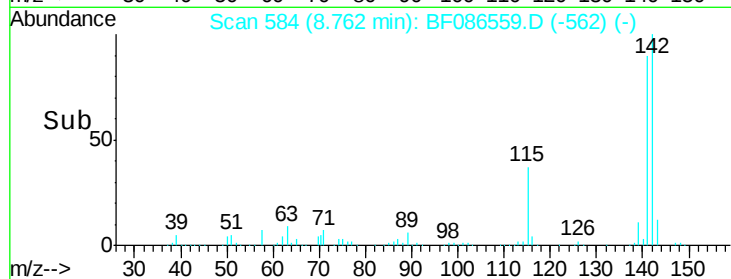
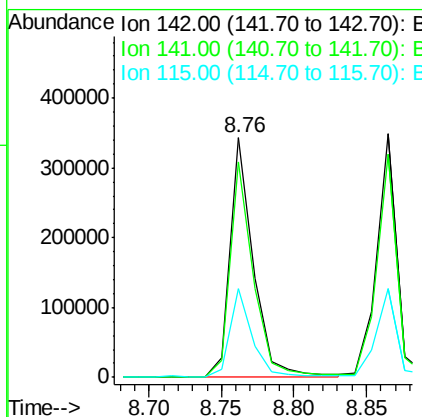
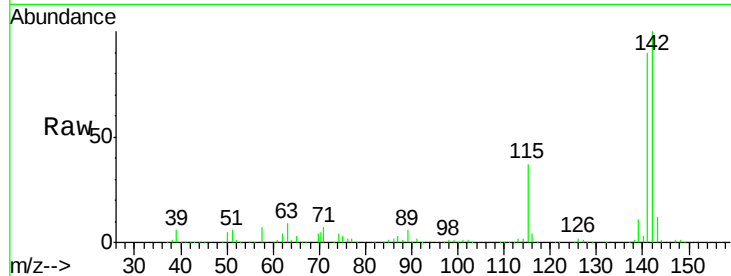




#37
2-Methylnaphthalene
Concen: 24.04 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086559.D
Acq: 1 May 2016 9:01

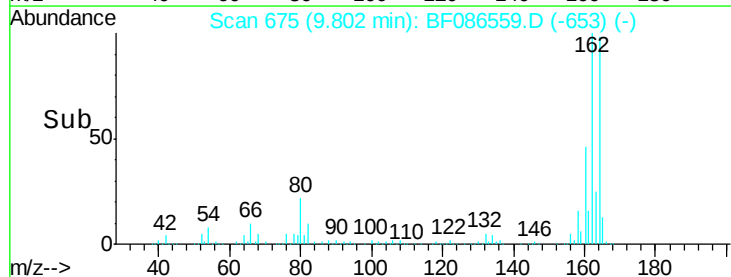
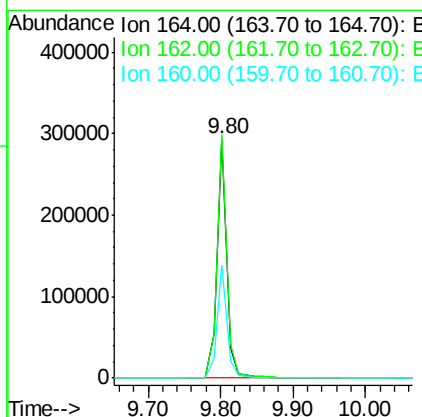
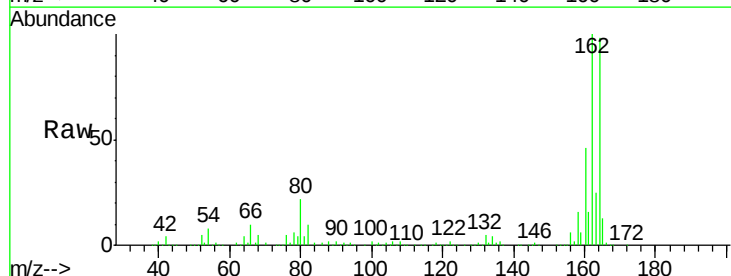
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

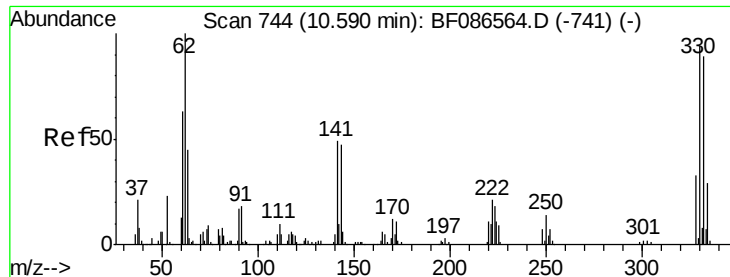
Tot Ion:142 Resp: 385384
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 37.3 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086559.D
Acq: 1 May 2016 9:01

Tgt Ion:164 Resp: 275825
Ion Ratio Lower Upper
164 100
162 102.1 82.8 124.2
160 47.4 36.9 55.3

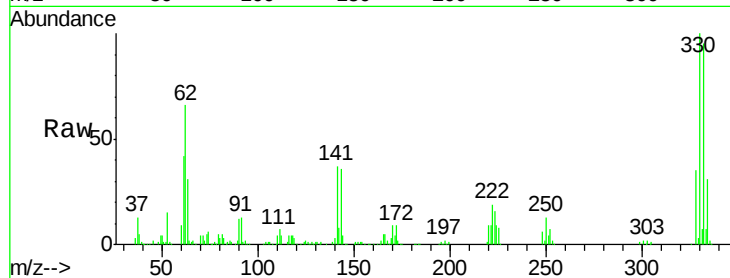




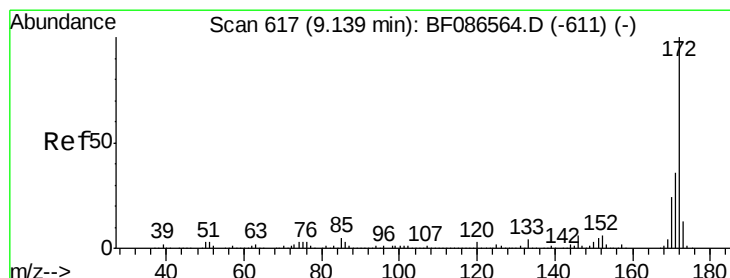
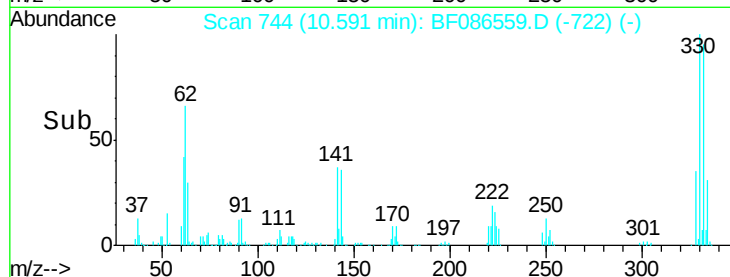
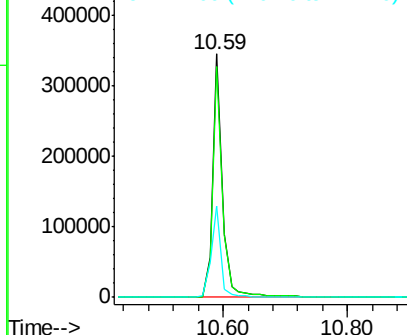
#41
 2,4,6-Tribromophenol
 Concen: 129.07 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086559.D
 Acq: 1 May 2016 9:01

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

Tot Ion:330 Resp: 375432
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 38.0 31.2 46.8

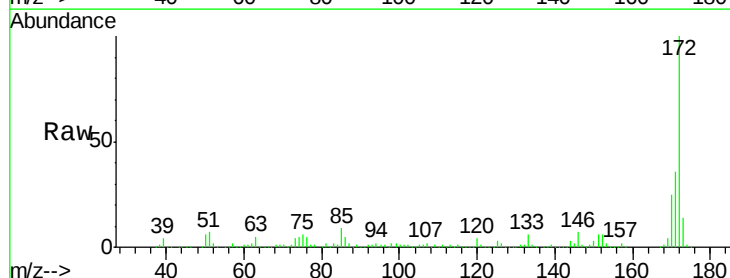


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

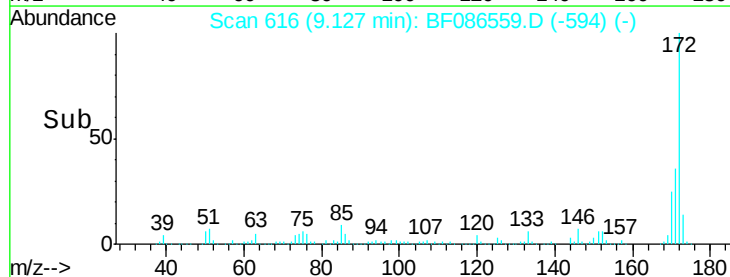
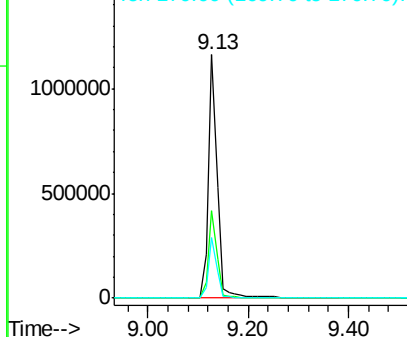


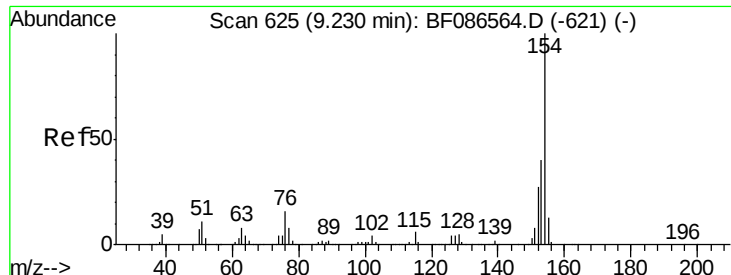
#44
 2-Fluorobiphenyl
 Concen: 92.24 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086559.D
 Acq: 1 May 2016 9:01

Tgt Ion:172 Resp: 1427807
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.6 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

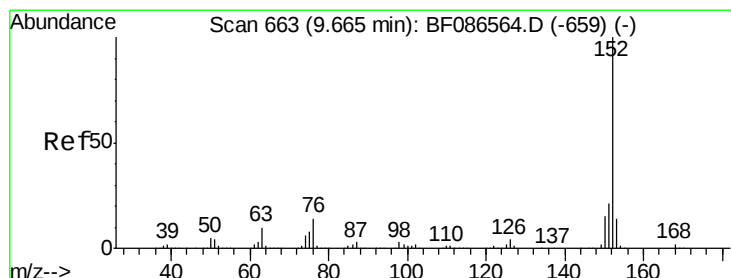
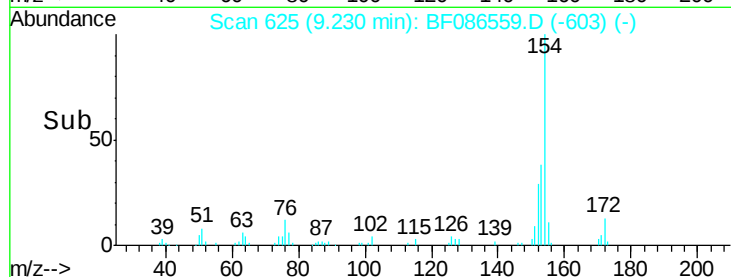
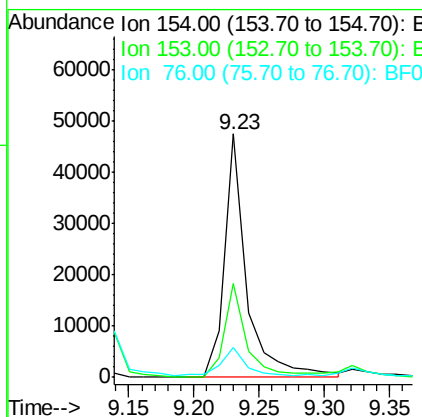
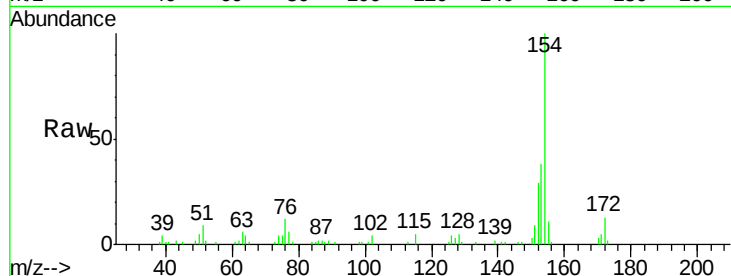




#45
 1,1'-Biphenyl
 Concen: 2.45 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF086559.D
 Acq: 1 May 2016 9:01

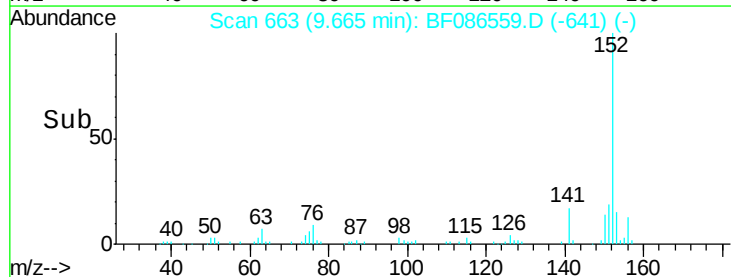
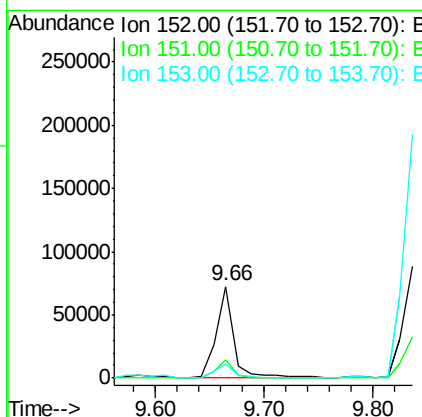
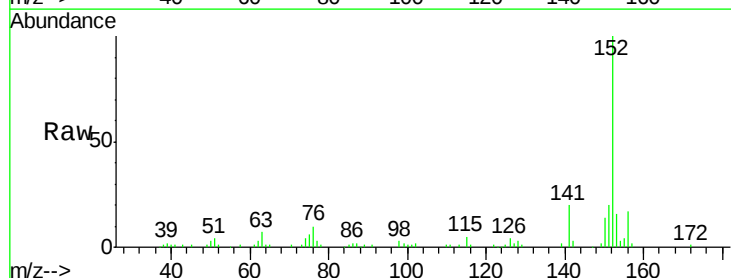
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

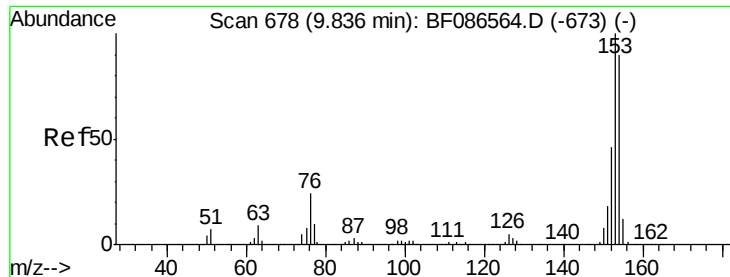
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.4	20.3	60.3
76	12.2	0.0	30.2



#48
 Acenaphthylene
 Concen: 2.96 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF086559.D
 Acq: 1 May 2016 9:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.8	25.2
153	16.4	10.9	16.3#





#51

Acenaphthene

Concen: 9.88 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

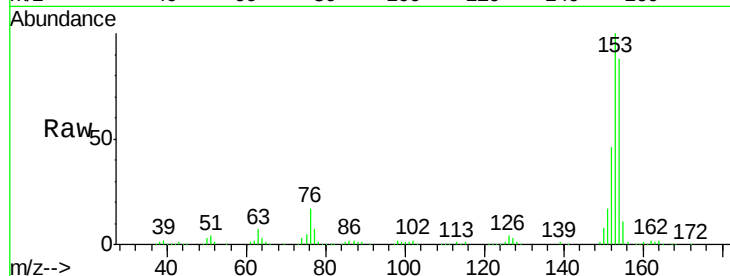
Tot Ion:154 Resp: 173868

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.6

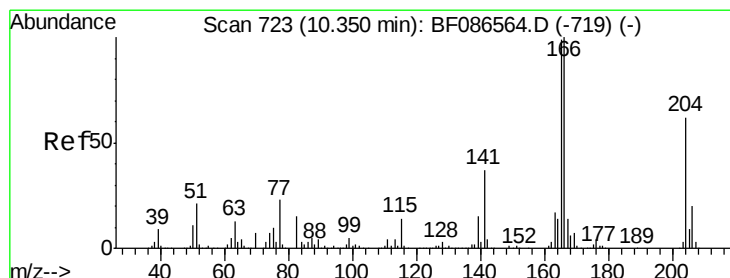
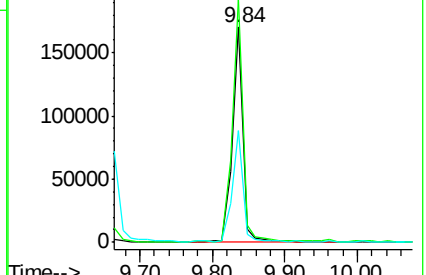
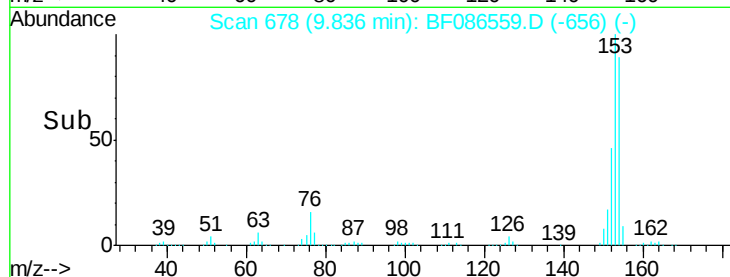
152 52.3 43.4 65.0



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: 4.78 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

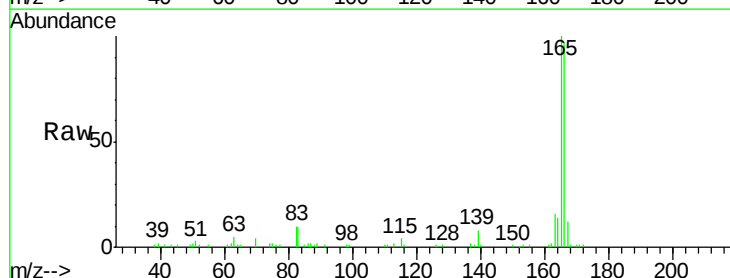
Tgt Ion:166 Resp: 91376

Ion Ratio Lower Upper

166 100

165 103.2 79.0 118.6

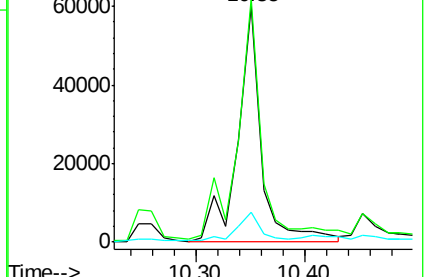
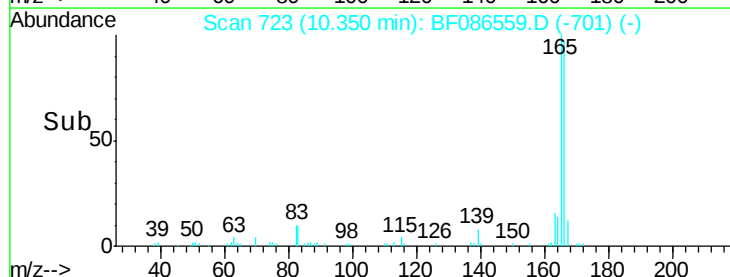
167 12.6 10.6 15.8

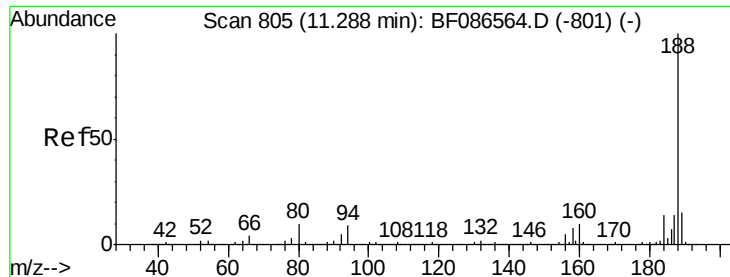


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

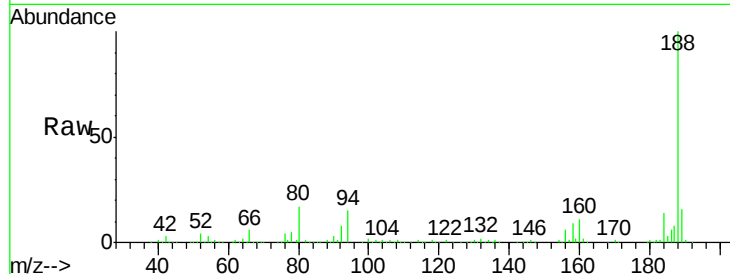




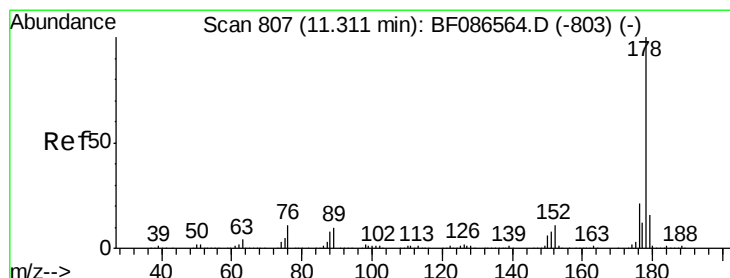
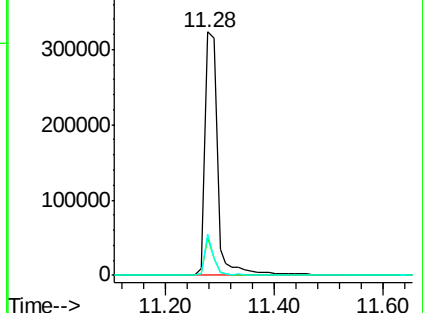
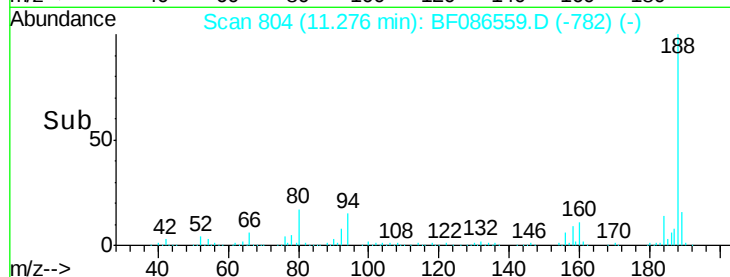
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086559.D
 Acq: 1 May 2016 9:01

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

Tot Ion:188 Resp: 524643
 Ion Ratio Lower Upper
 188 100
 94 15.2 6.8 10.2#
 80 16.8 7.1 10.7#

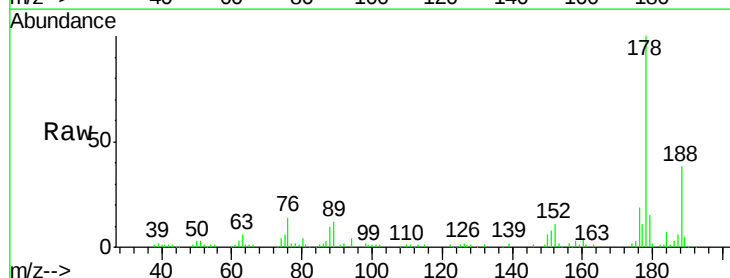


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

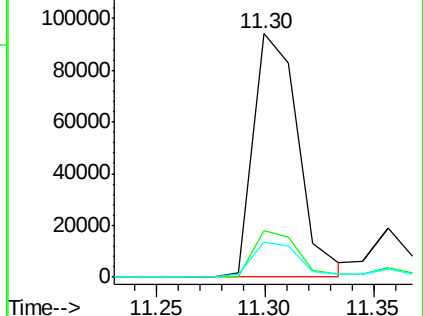
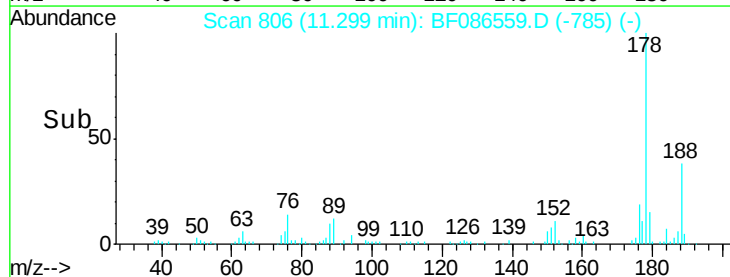


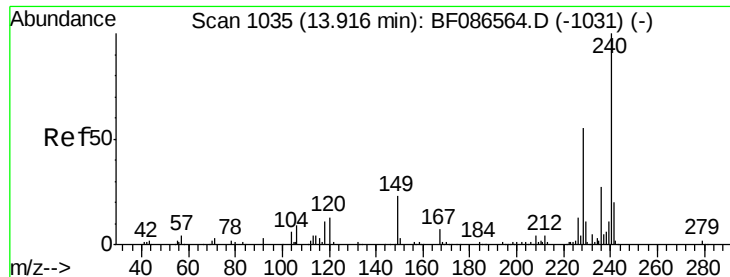
#70
 Phenanthrene
 Concen: 4.92 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.06 min
 Lab File: BF086559.D
 Acq: 1 May 2016 9:01

Tgt Ion:178 Resp: 135448
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 14.6 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: BF086559.D

Acq: 1 May 2016 9:01

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

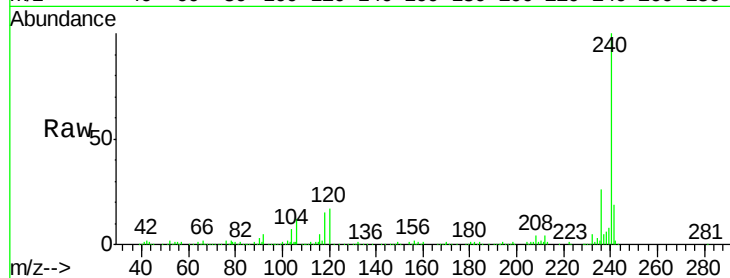
Tot Ion:240 Resp: 374720

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

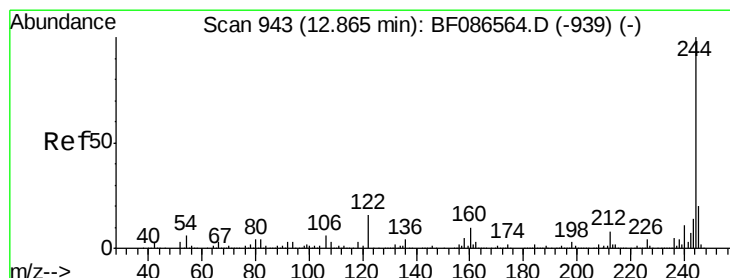
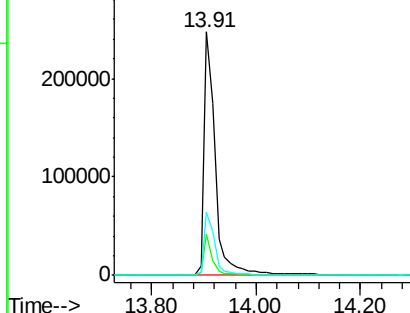
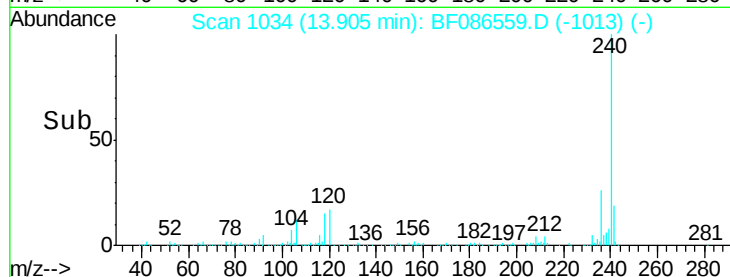
236 26.1 21.2 31.8



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: 86.64 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

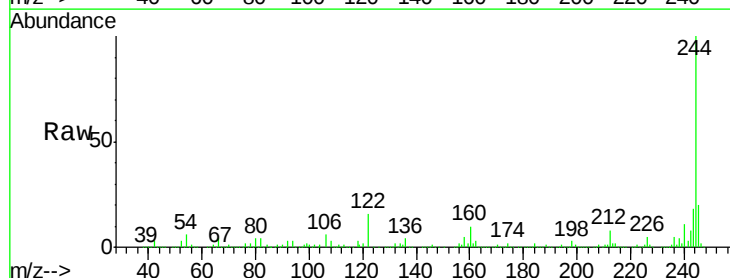
Tgt Ion:244 Resp: 1473552

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

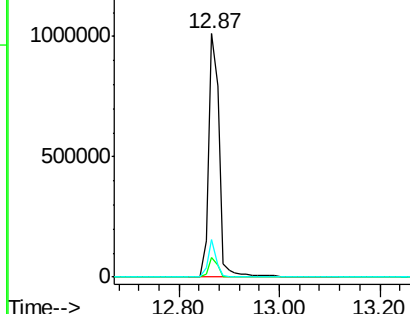
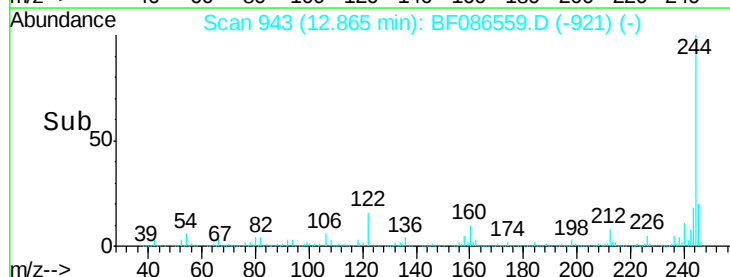
122 15.5 12.0 18.0

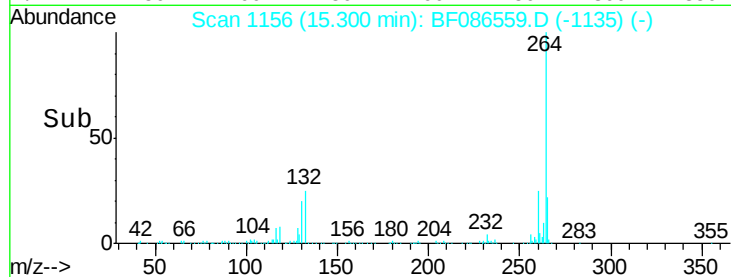
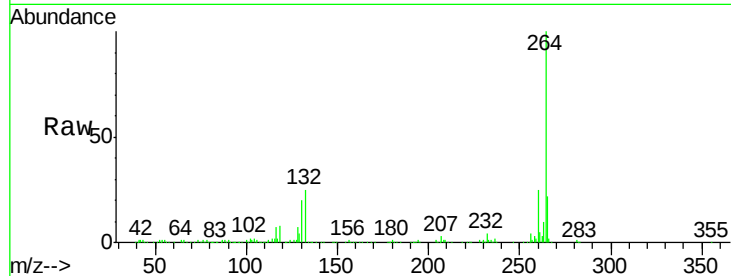
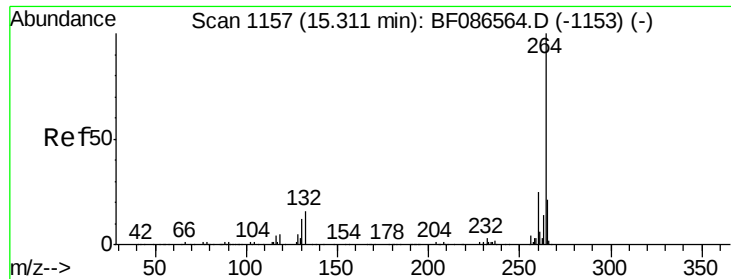


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086559.D

Acq: 1 May 2016 9:01

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

Tot Ion:264 Resp: 330835

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.9 17.3 25.9

