

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087598.D
 Acq On : 1 Jun 2016 00:52
 Operator : UM/SJ
 Sample : H3346-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Quant Time: Jun 01 04:06:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

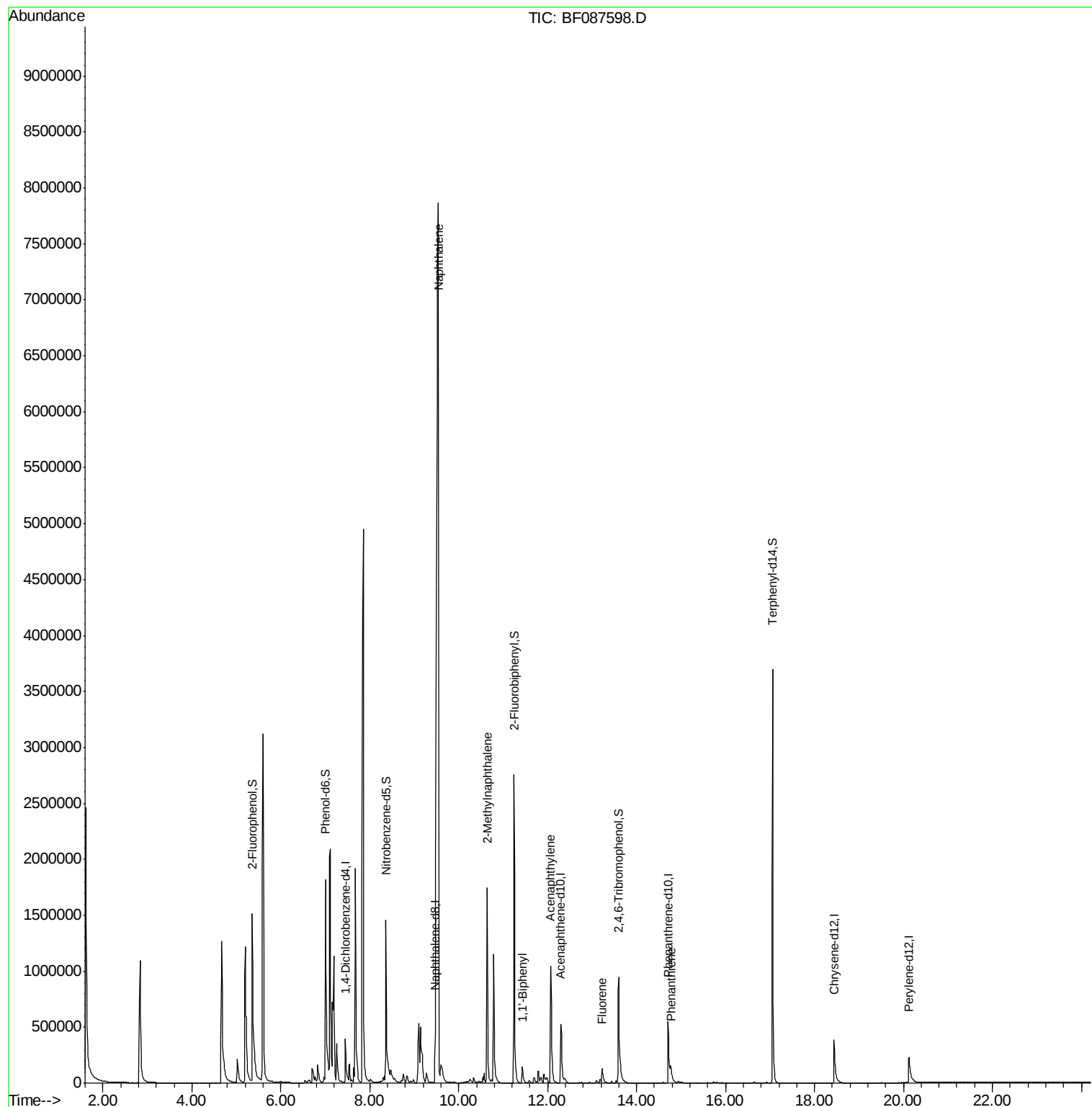
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	99233	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	376641	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	194014	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	400891	20.00	ng	0.00
75) Chrysene-d12	18.43	240	358229	20.00	ng	0.01
86) Perylene-d12	20.13	264	290112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	766651	135.75	ng	0.01
7) Phenol-d6	7.00	99	926113	121.36	ng	-0.01
23) Nitrobenzene-d5	8.36	82	754137	100.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	208679	111.93	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1287038	93.52	ng	-0.01
78) Terphenyl-d14	17.06	244	1425408	84.59	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.54	128	10356429	548.74	ng	95
37) 2-Methylnaphthalene	10.64	142	801406	67.97	ng	96
45) 1,1'-Biphenyl	11.43	154	107430	6.58	ng	99
48) Acenaphthylene	12.07	152	744487	37.63	ng	98
57) Fluorene	13.22	166	103300	7.24	ng	98
70) Phenanthrene	14.77	178	171588	7.73	ng	97

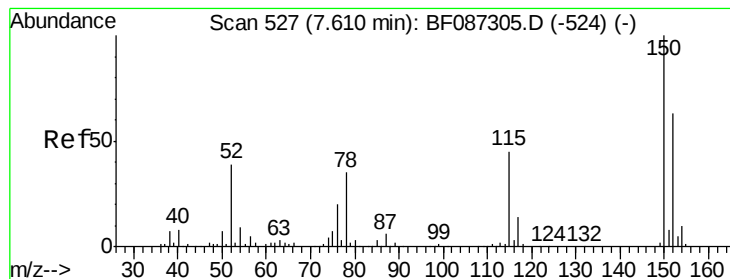
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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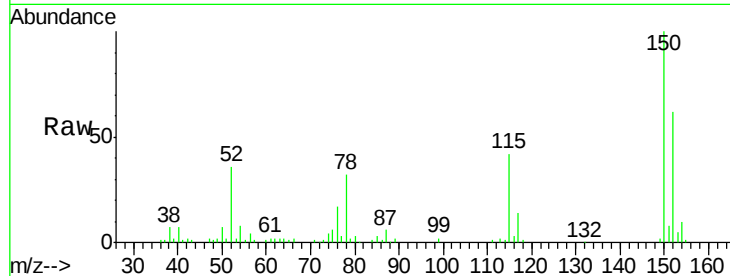


#1

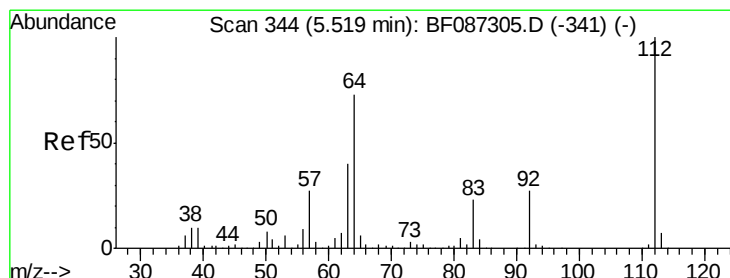
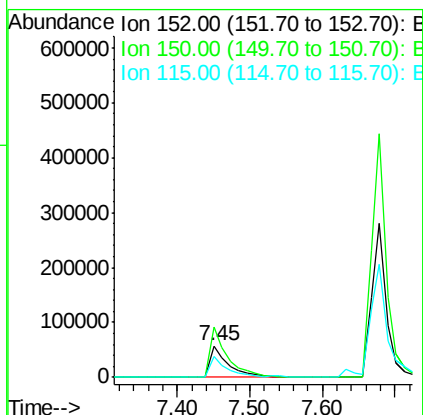
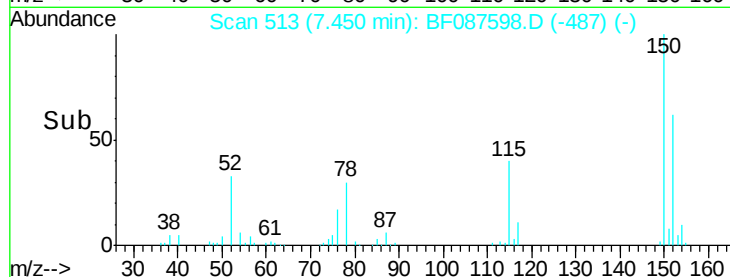
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087598.D
Acq: 1 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
WC-201605A

Tot Ion:152 Resp: 99233
Ion Ratio Lower Upper
152 100
150 160.4 125.8 188.6
115 67.8 51.5 77.3



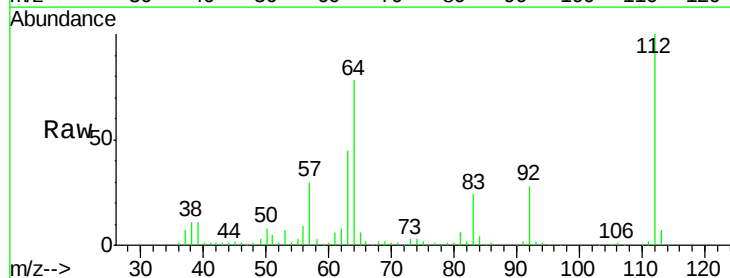
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



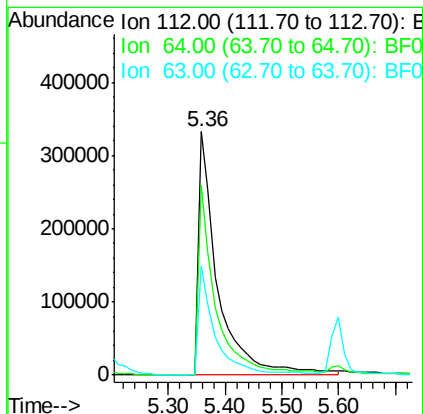
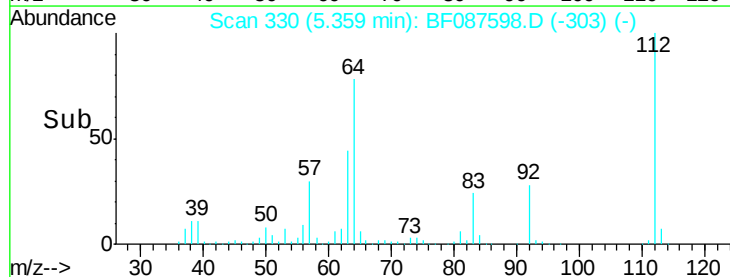
#5

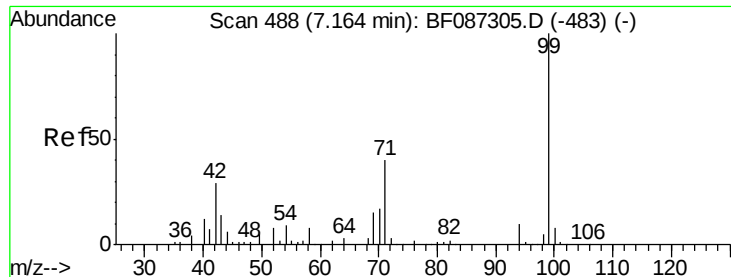
2-Fluorophenol
Concen: 135.75 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.01 min
Lab File: BF087598.D
Acq: 1 Jun 2016 00:52

Tgt Ion:112 Resp: 766651
Ion Ratio Lower Upper
112 100
64 78.0 52.1 78.1
63 44.7 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: 121.36 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087598.D

Acq: 1 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

WC-201605A

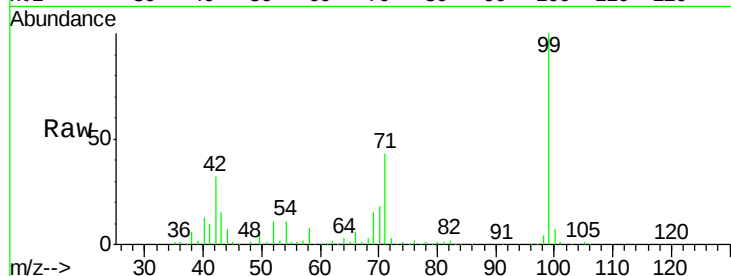
Tot Ion: 99 Resp: 926113

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

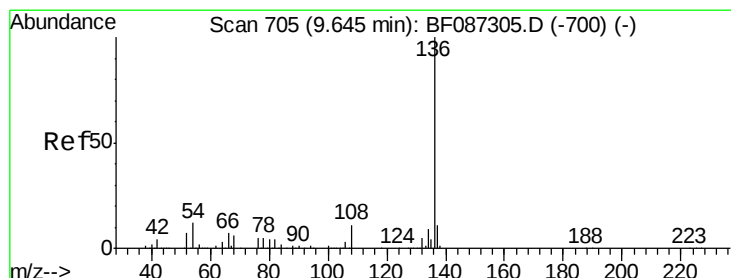
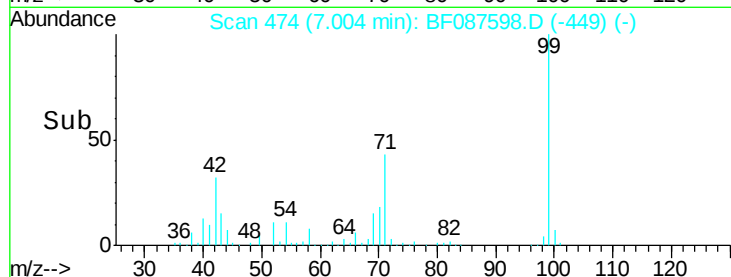
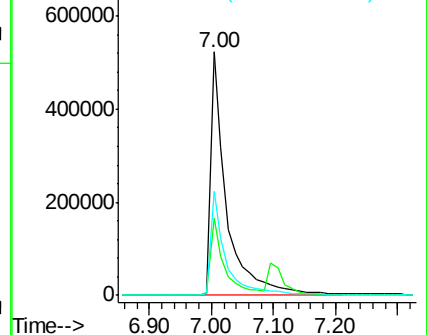
71 42.9 24.6 36.8#



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: 9.47 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF087598.D

Acq: 1 Jun 2016 00:52

Tgt Ion: 136 Resp: 376641

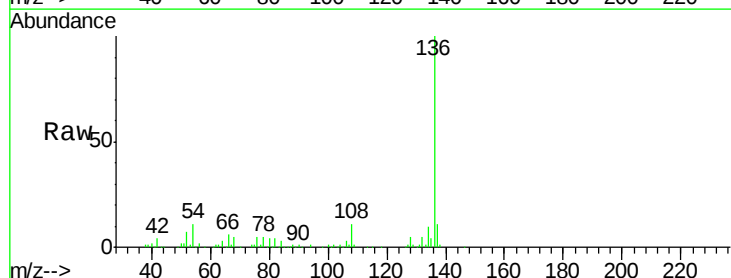
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.6 5.0 7.4#

68 5.1 4.4 6.6

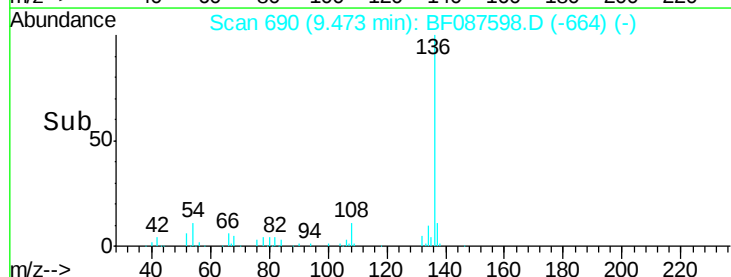
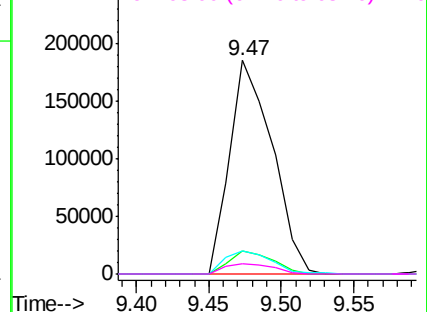


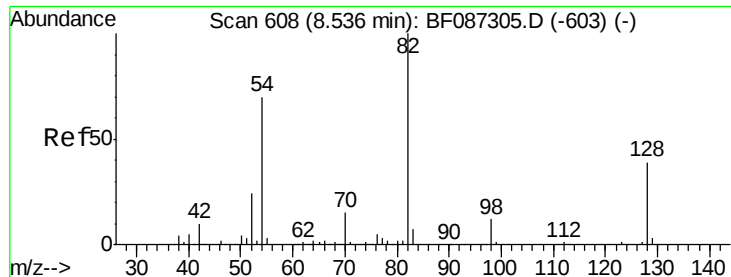
Abundance Ion 136.00 (135.70 to 136.70): E

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

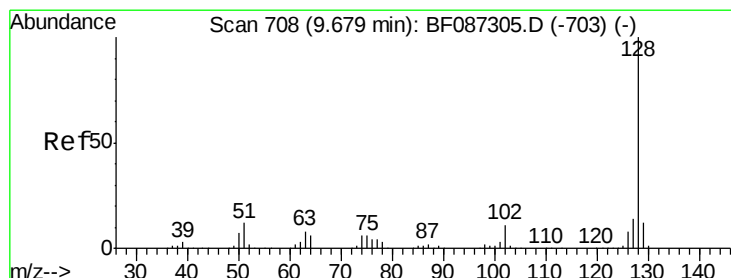
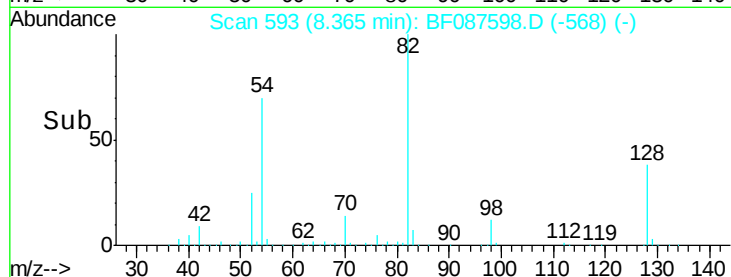
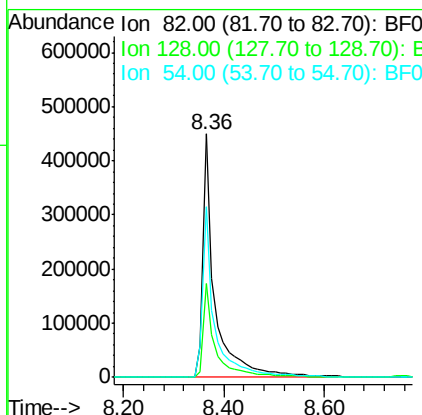
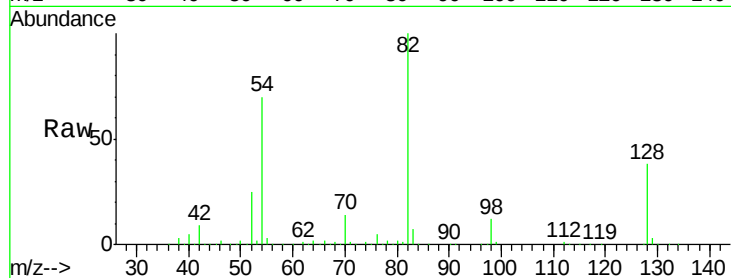




#23
Nitrobenzene-d5
Concen: 100.91 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF087598.D
Acq: 1 Jun 2016 00:52

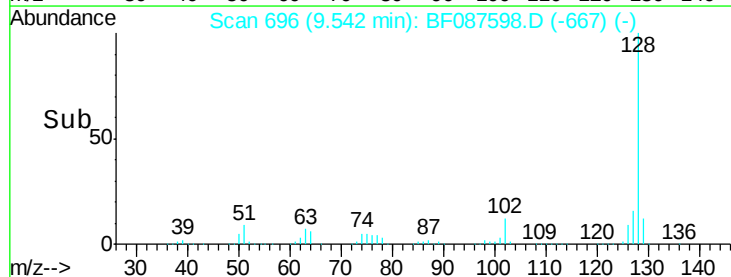
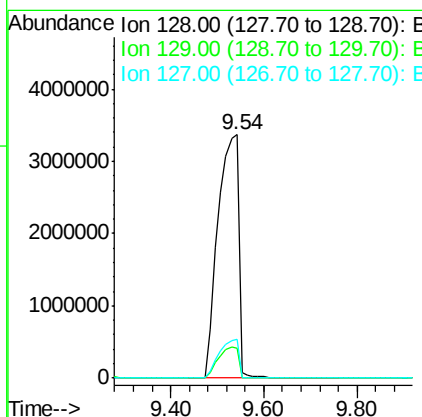
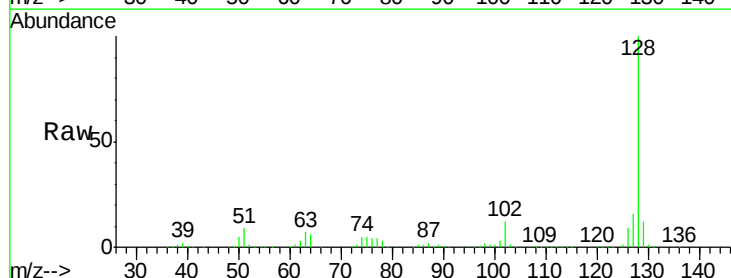
Instrument :
BNA_F
ClientSampleId :
WC-201605A

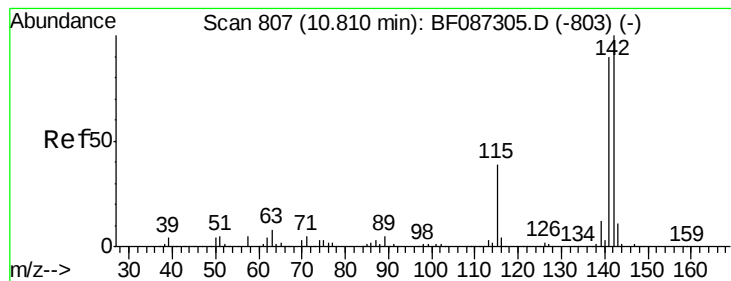
Tot Ion: 82 Resp: 754137
Ion Ratio Lower Upper
82 100
128 38.4 40.6 61.0#
54 70.0 38.1 57.1#



#31
Naphthalene
Concen: 548.74 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.03 min
Lab File: BF087598.D
Acq: 1 Jun 2016 00:52

Tgt Ion:128 Resp:10356429
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 15.8 10.8 16.2





#37

2-Methylnaphthalene

Concen: 67.97 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF087598.D

Acq: 1 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

WC-201605A

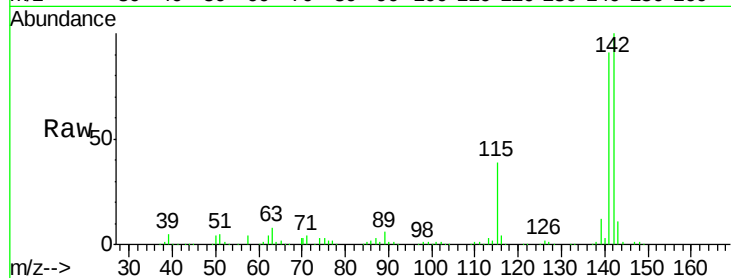
Tot Ion:142 Resp: 801406

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

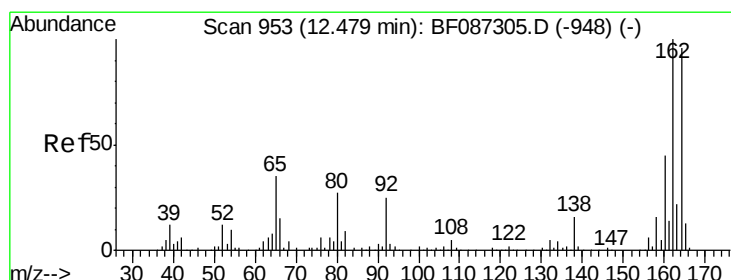
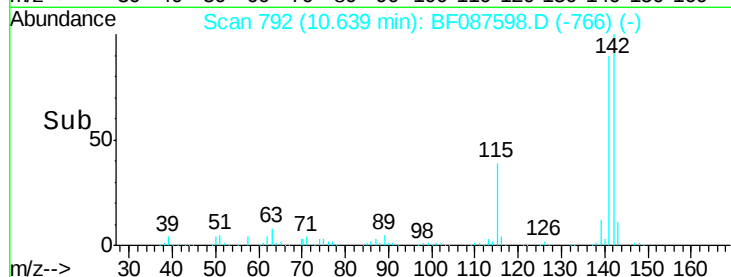
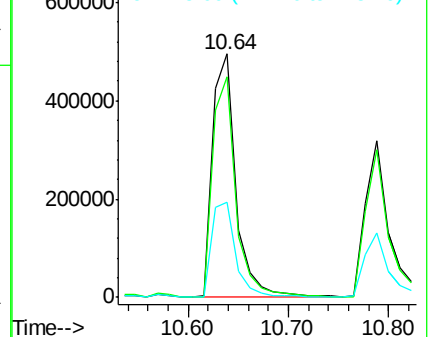
115 39.1 26.6 39.8



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: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF087598.D

Acq: 1 Jun 2016 00:52

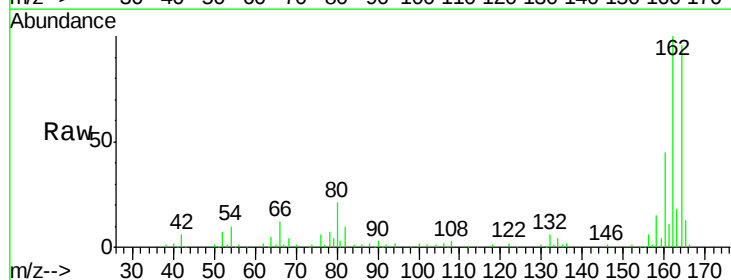
Tgt Ion:164 Resp: 194014

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

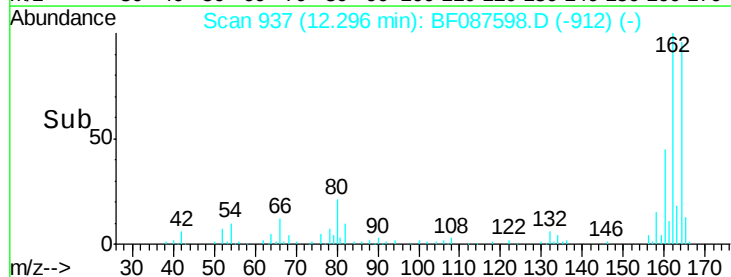
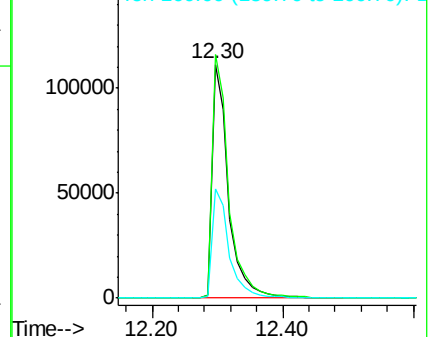
160 46.5 36.9 55.3

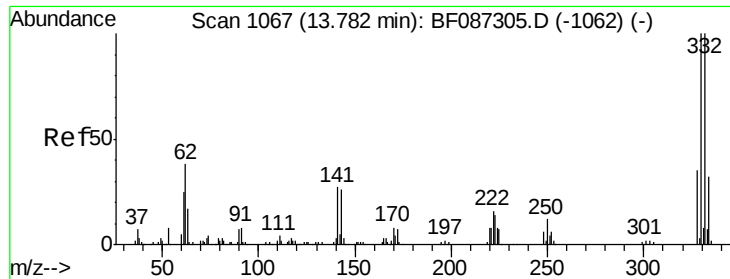


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

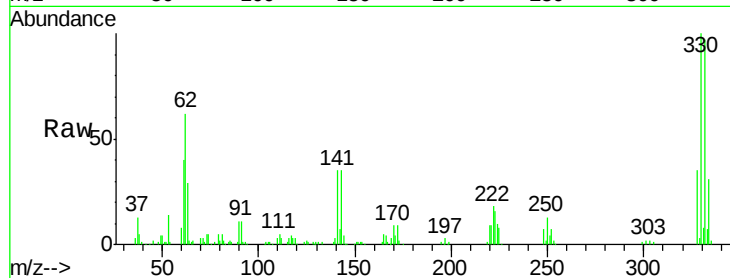




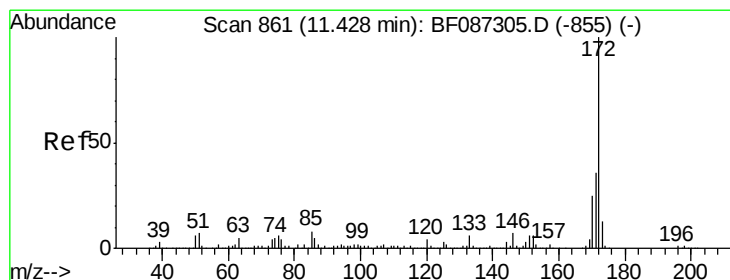
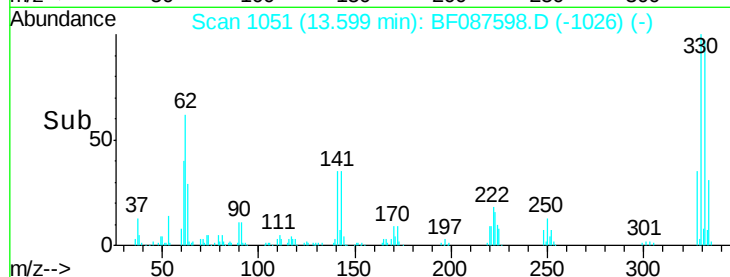
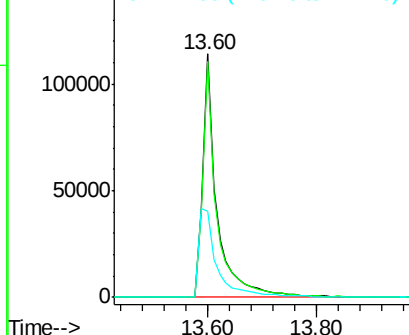
#41
 2,4,6-Tribromophenol
 Concen: 111.93 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	46.1	31.2	46.8

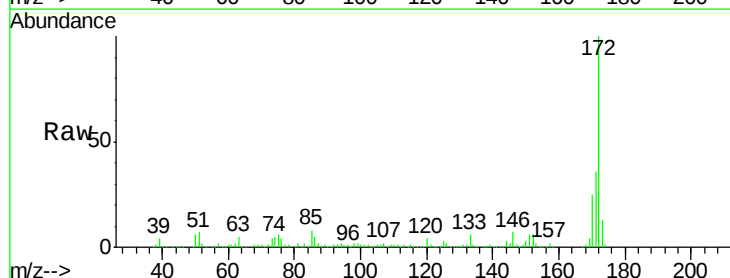


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

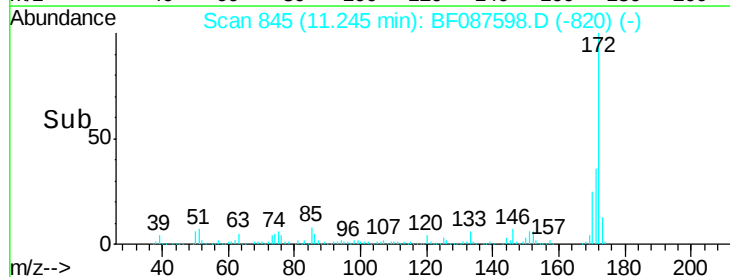
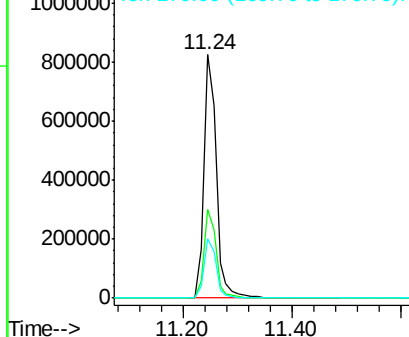


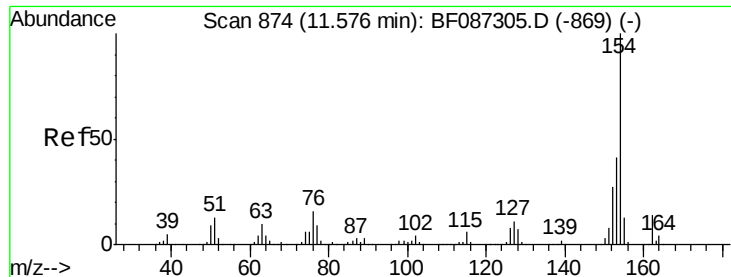
#44
 2-Fluorobiphenyl
 Concen: 93.52 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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: 6.58 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.02 min

Lab File: BF087598.D

Acq: 1 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

WC-201605A

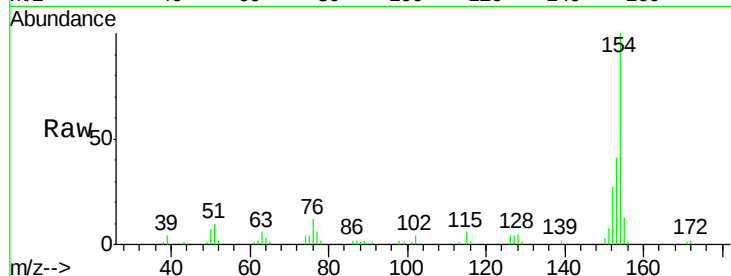
Tot Ion:154 Resp: 107430

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

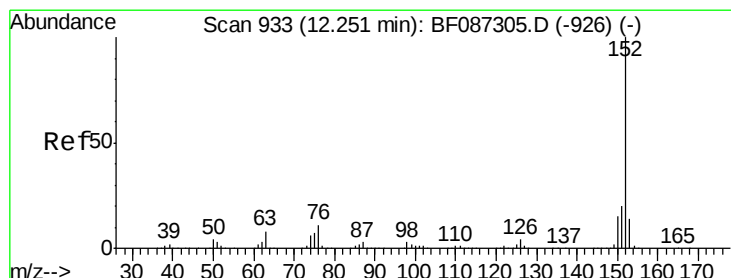
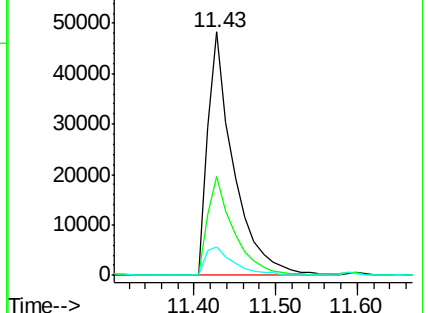
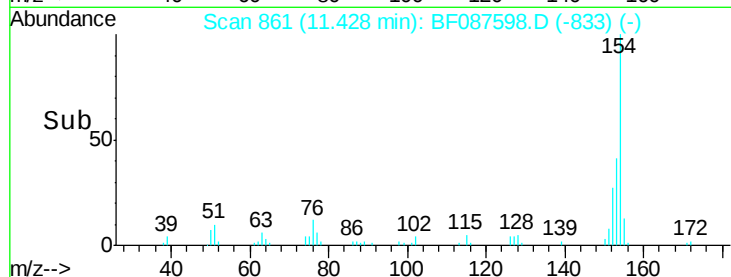
76 11.8 0.0 30.2



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: 37.63 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF087598.D

Acq: 1 Jun 2016 00:52

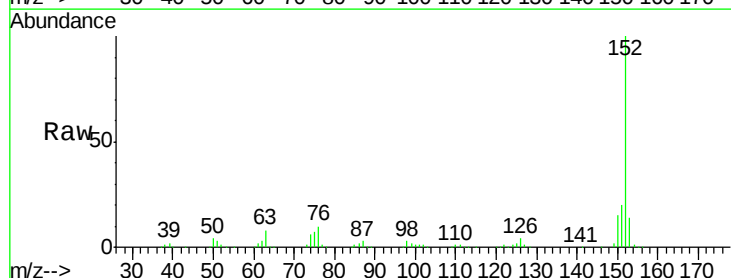
Tgt Ion:152 Resp: 744487

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

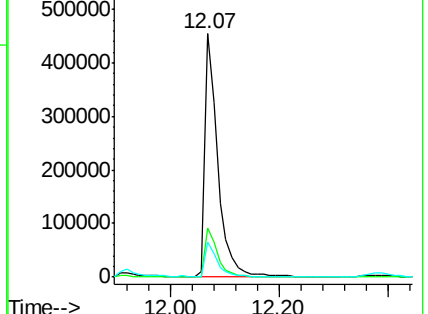
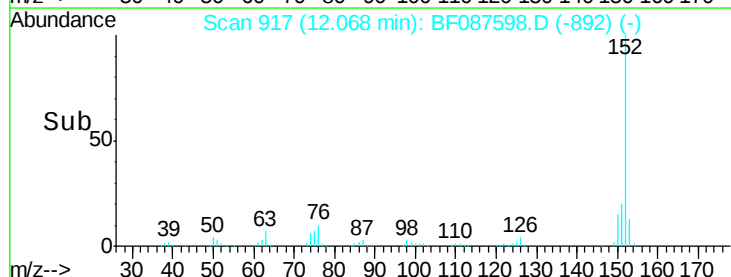
153 14.3 10.9 16.3

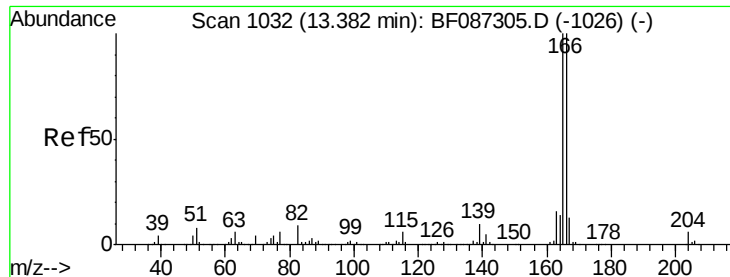


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

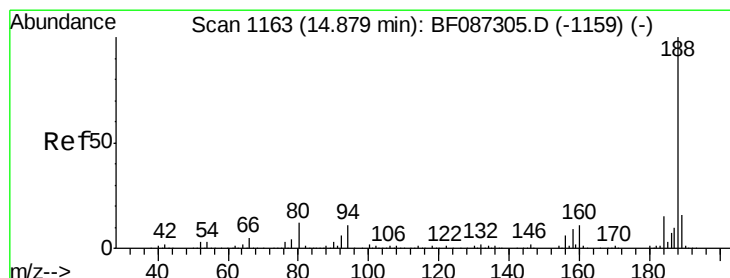
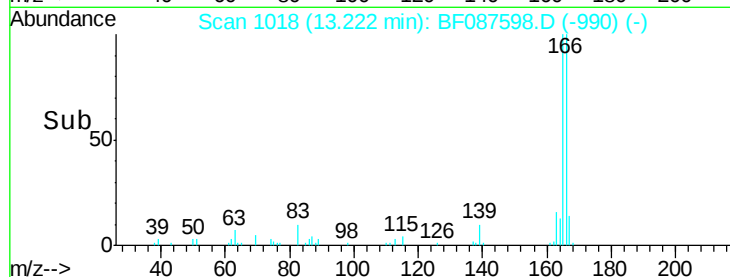
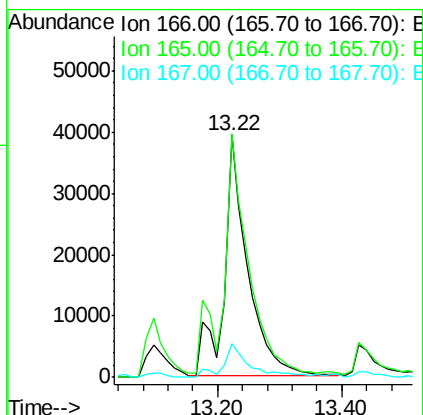
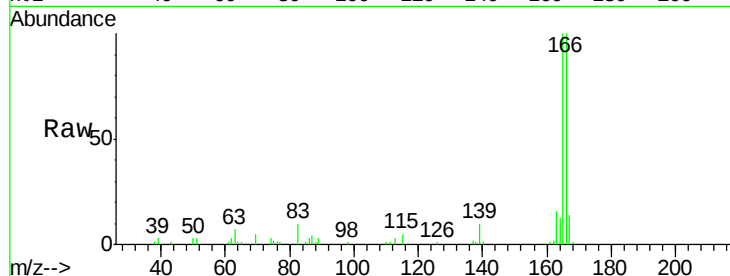




#57
Fluorene
 Concen: 7.24 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.02 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

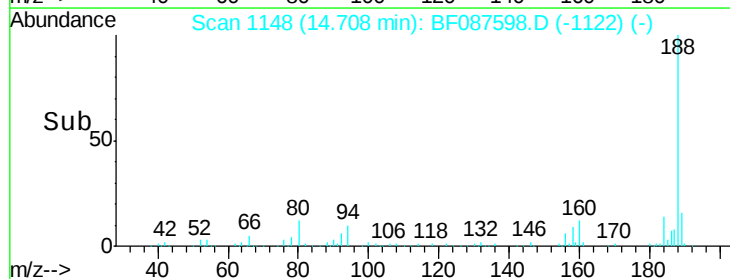
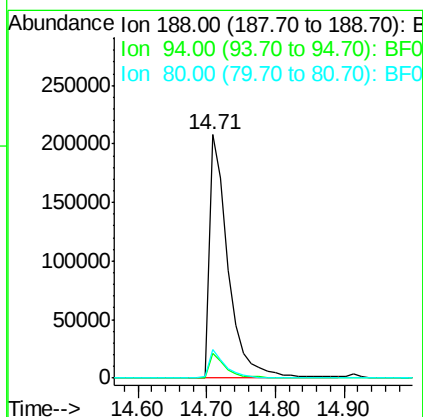
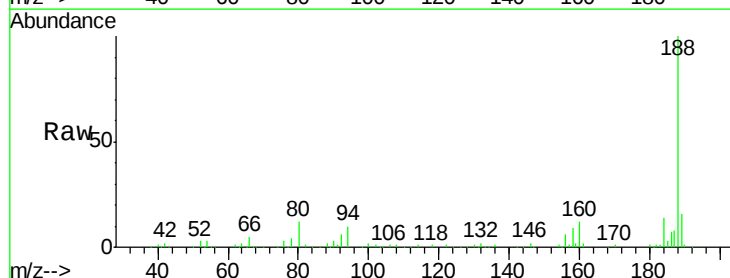
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

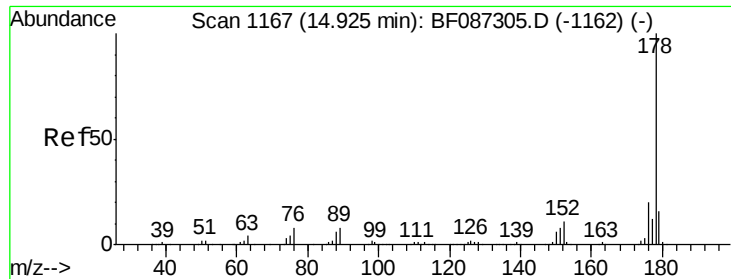
Tot Ion:166 Resp: 103300
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.0 118.6
 167 13.7 10.6 15.8



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Tgt Ion:188 Resp: 400891
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.8 10.2
 80 11.8 7.1 10.7#

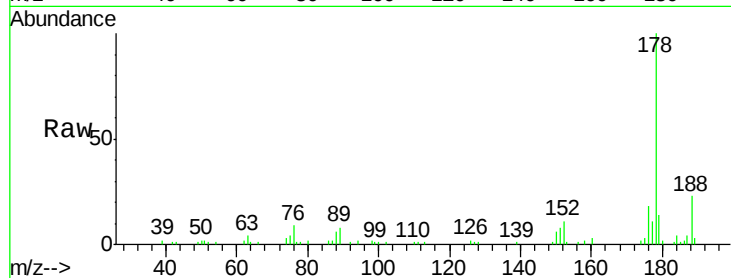




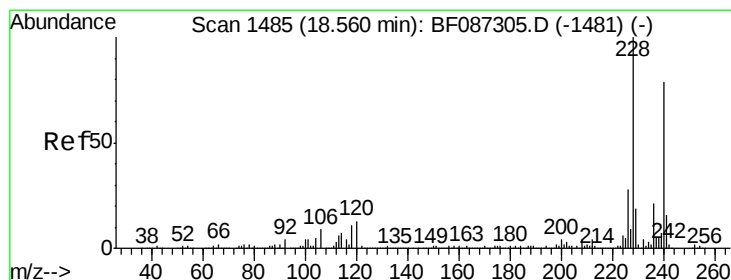
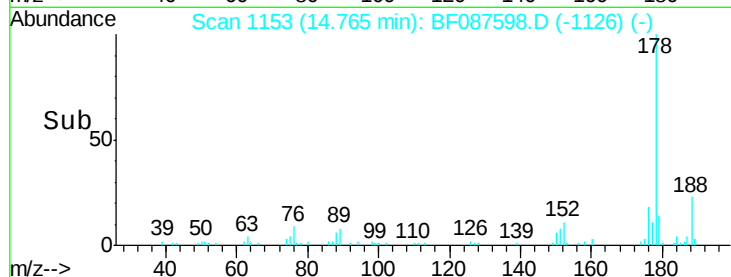
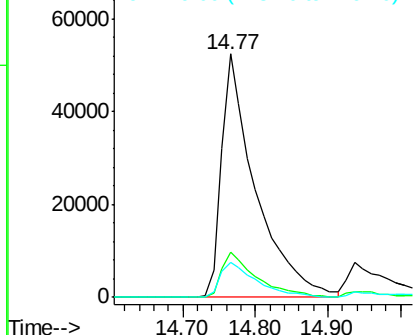
#70
 Phenanthrene
 Concen: 7.73 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Tot Ion:178 Resp: 171588
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.0 24.0
 179 14.4 12.6 18.8

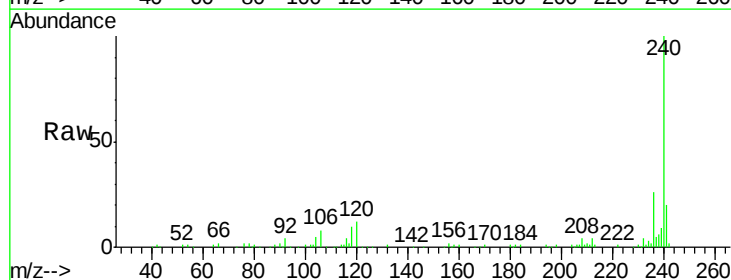


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

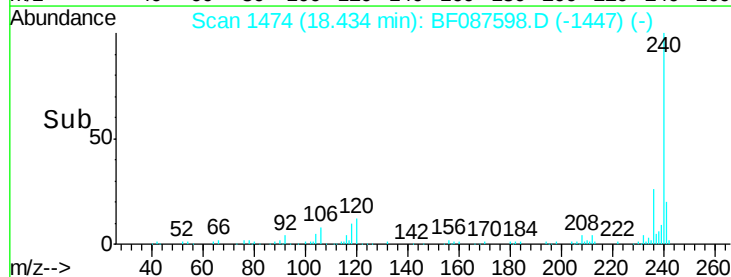
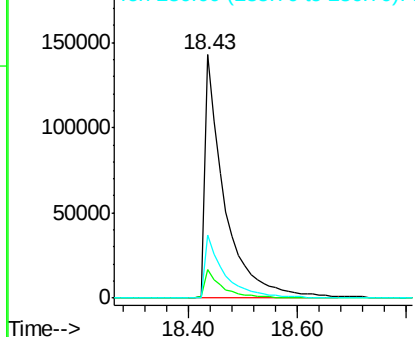


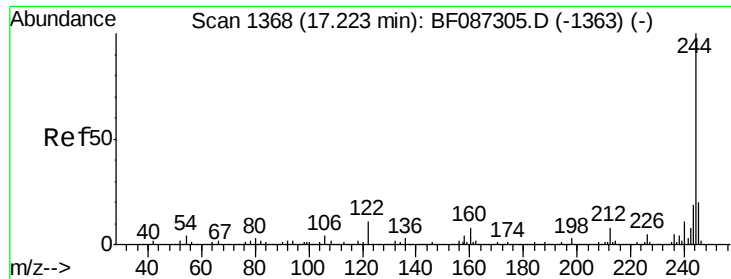
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Tgt Ion:240 Resp: 358229
 Ion Ratio Lower Upper
 240 100
 120 11.9 11.2 16.8
 236 25.7 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

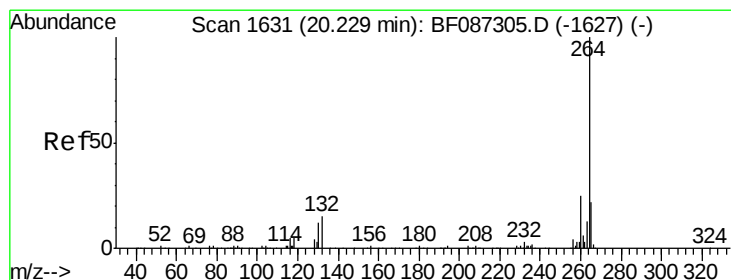
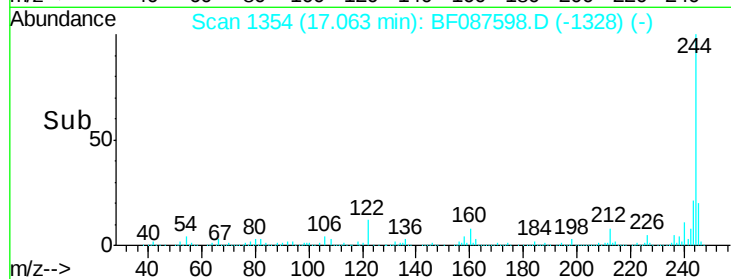
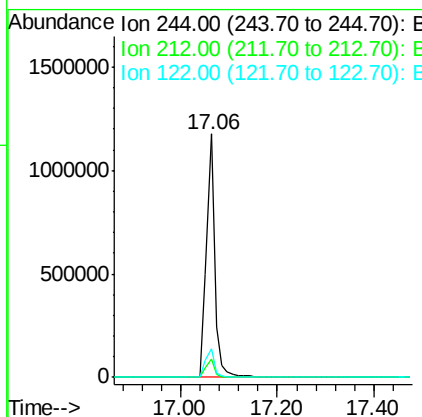
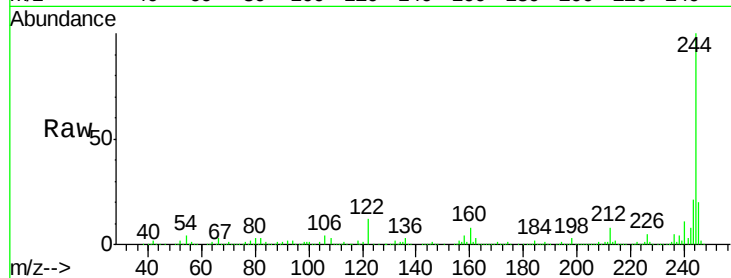




#78
 Terphenyl-d14
 Concen: 84.59 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Tot Ion:244 Resp: 1425408
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.9 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF087598.D
 Acq: 1 Jun 2016 00:52

Tgt Ion:264 Resp: 290112
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.1 17.3 25.9

