

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088465.D
 Acq On : 27 Jun 2016 21:52
 Operator : UM/SJ
 Sample : H3766-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Quant Time: Jun 28 14:29:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

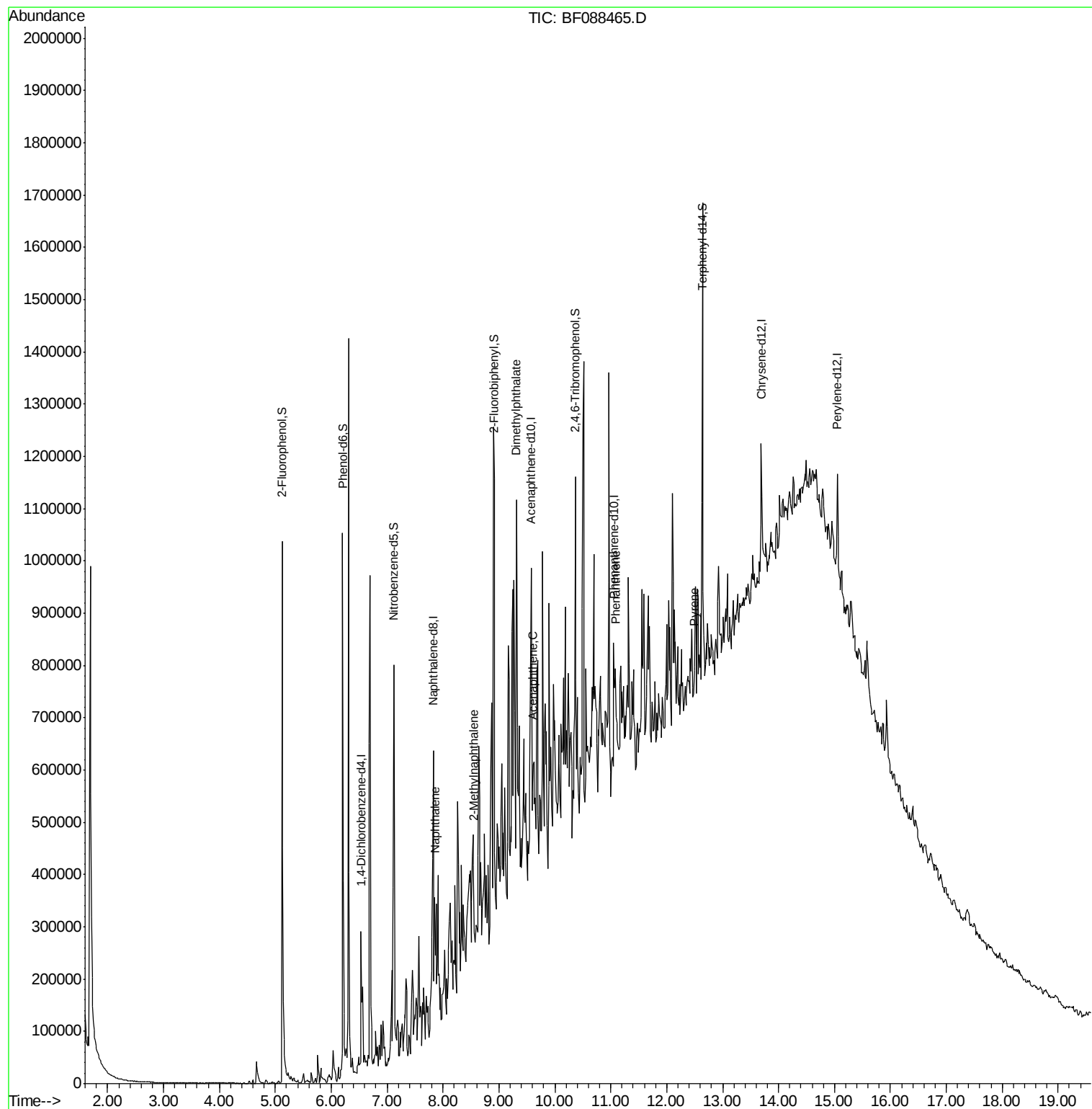
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	59979	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	220053	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	92697	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	139837	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	110901	20.00	ng	0.00
86) Perylene-d12	15.05	264	110941	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	440660	125.60	ng	-0.01
7) Phenol-d6	6.20	99	501104	117.85	ng	-0.03
23) Nitrobenzene-d5	7.12	82	329008	87.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	87007	88.89	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	513951	87.24	ng	-0.01
78) Terphenyl-d14	12.64	244	317980	65.25	ng	0.00
Target Compounds						
31) Naphthalene	7.85	128	46587	4.28	ng	# 80
37) 2-Methylnaphthalene	8.55	142	110183	15.35	ng	98
49) Dimethylphthalate	9.31	163	65760	9.79	ng	# 99
51) Acenaphthene	9.61	154	22212	3.73	ng	# 87
70) Phenanthrene	11.08	178	115918	15.80	ng	# 93
77) Pyrene	12.49	202	40874	4.97	ng	# 90

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1

Quant Time: Jun 28 14:29:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

Instrument :

BNA_F

ClientSampleId :

1

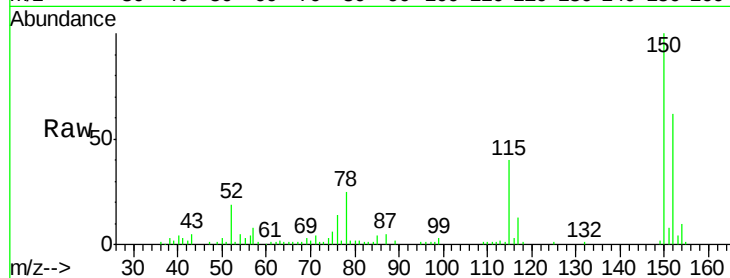
Tot Ion:152 Resp: 59979

Ion Ratio Lower Upper

152 100

150 161.7 123.8 185.6

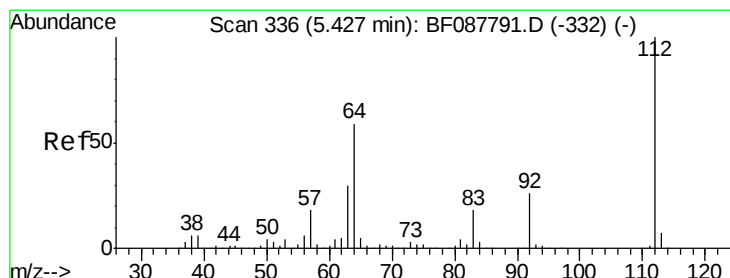
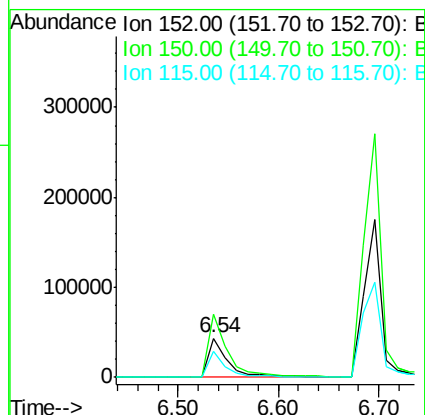
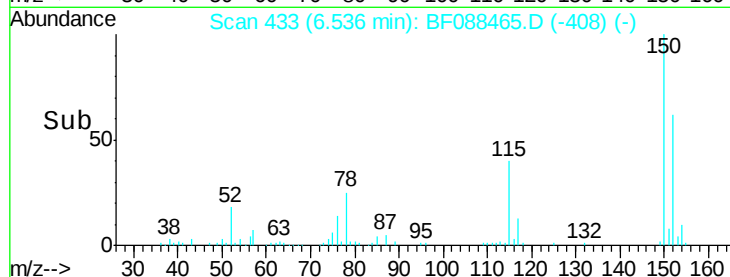
115 65.4 39.6 59.4#



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: 125.60 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.01 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

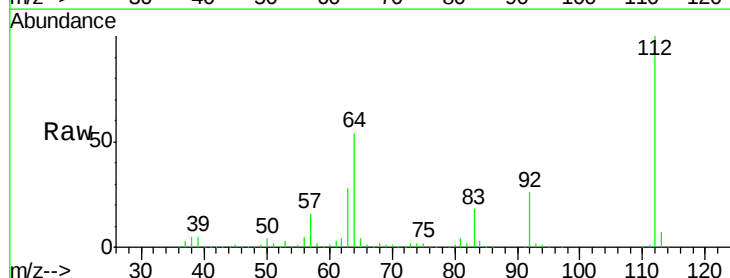
Tgt Ion:112 Resp: 440660

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

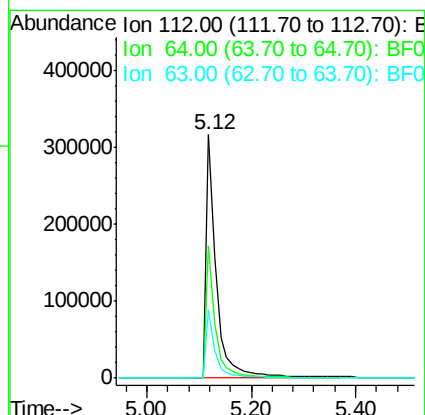
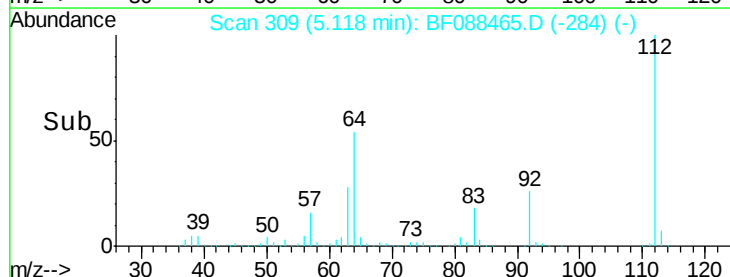
63 28.2 21.8 32.8



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: 117.85 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

Instrument :

BNA_F

ClientSampled :

1

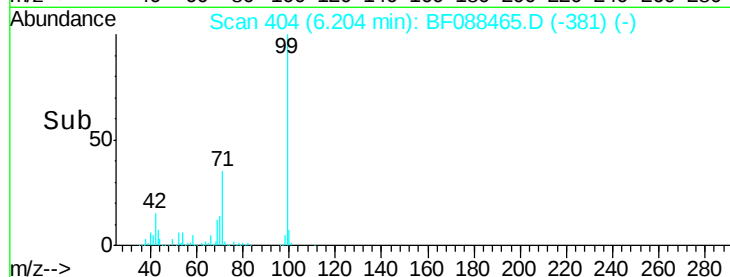
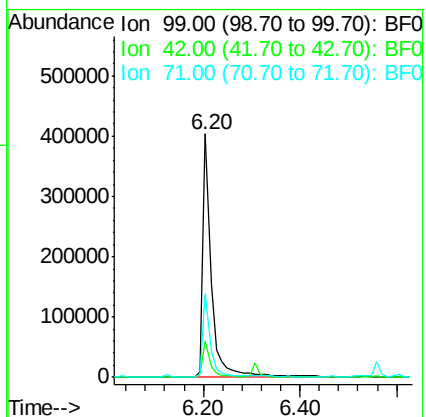
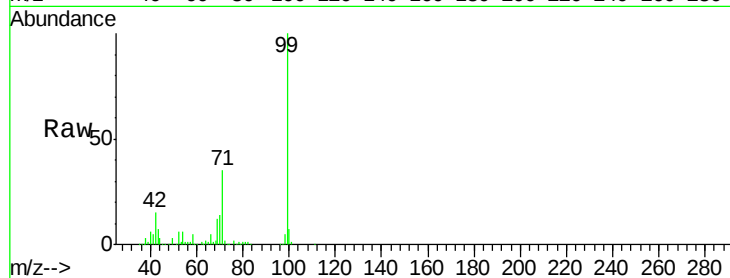
Tot Ion: 99 Resp: 501104

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 34.5 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

Tgt Ion: 136 Resp: 220053

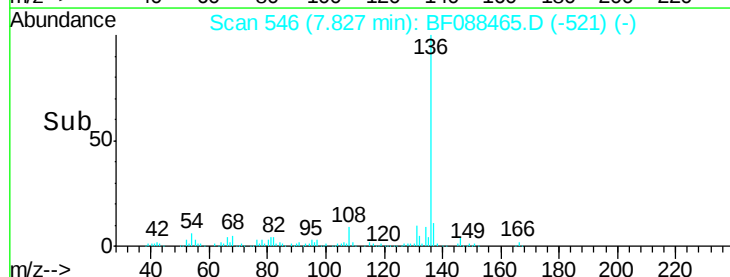
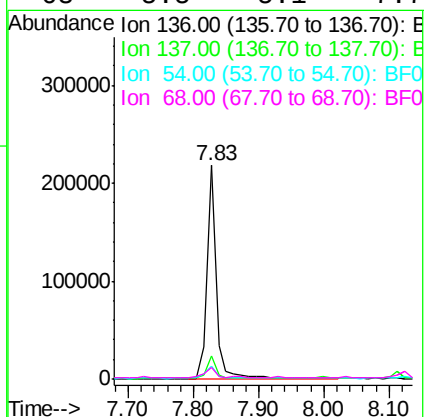
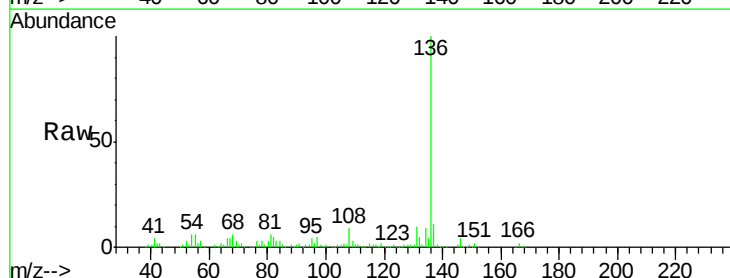
Ion Ratio Lower Upper

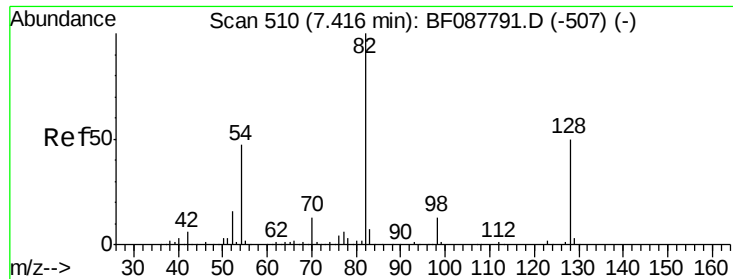
136 100

137 11.1 9.1 13.7

54 6.3 6.6 10.0#

68 5.5 5.1 7.7

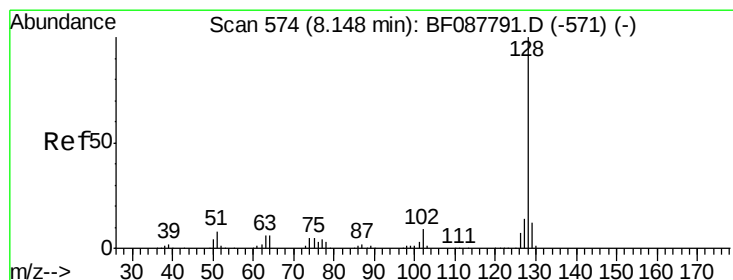
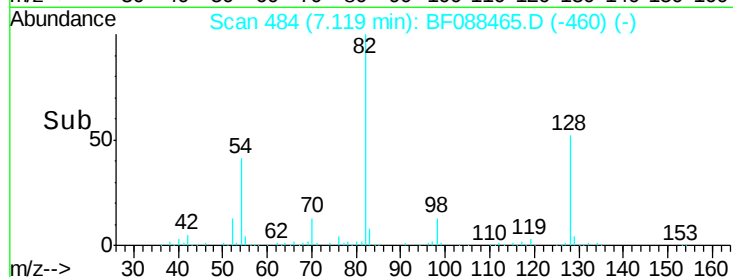
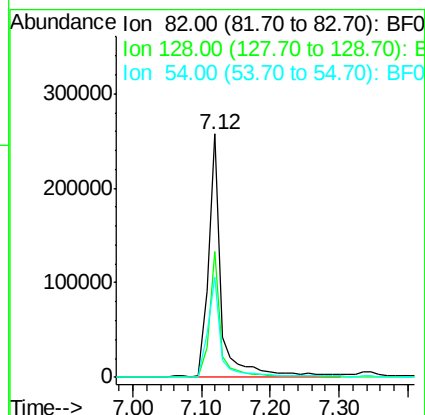
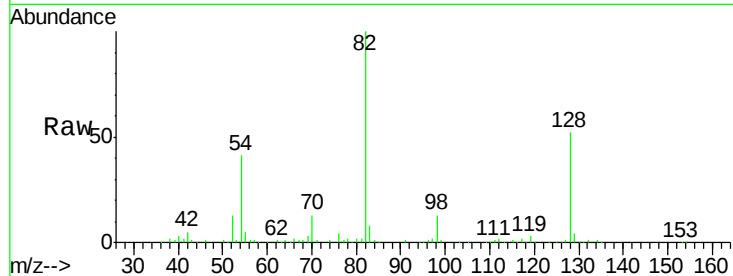




#23
Nitrobenzene-d5
Concen: 87.31 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

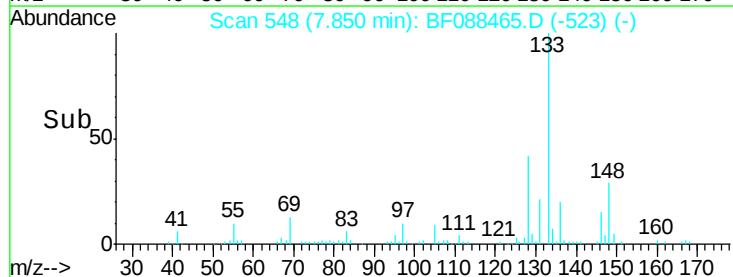
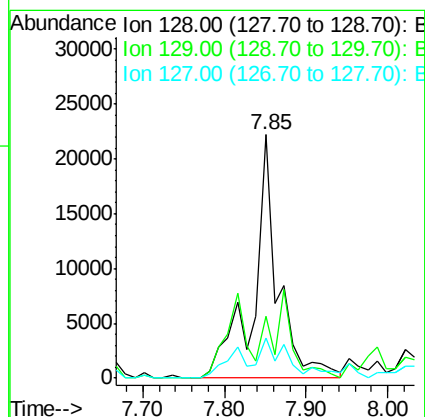
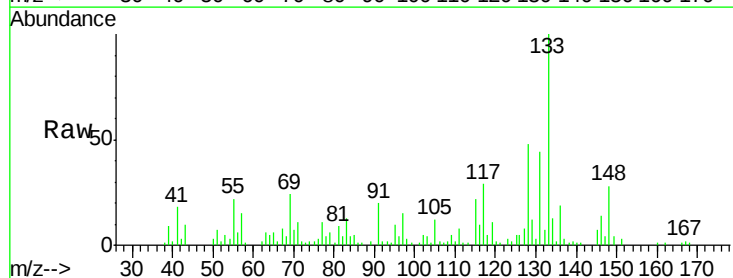
Instrument :
BNA_F
ClientSampleId :
1

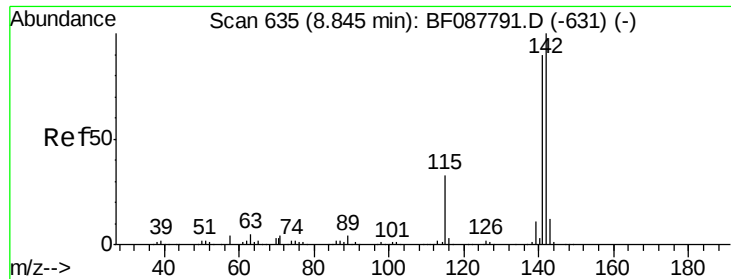
Tot Ion: 82 Resp: 329008
Ion Ratio Lower Upper
82 100
128 51.6 35.9 53.9
54 41.3 40.9 61.3



#31
Naphthalene
Concen: 4.28 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion: 128 Resp: 46587
Ion Ratio Lower Upper
128 100
129 25.4 9.4 14.2#
127 16.5 10.9 16.3#

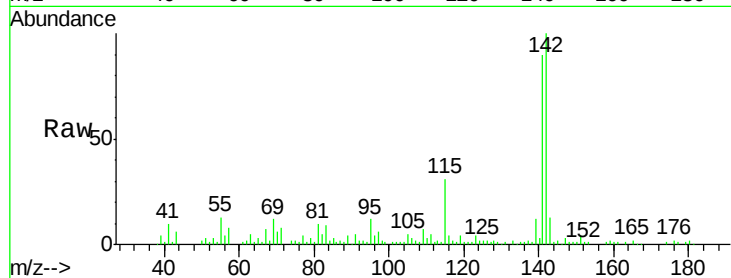




#37
2-Methylnaphthalene
Concen: 15.35 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	31.3	22.6	33.8

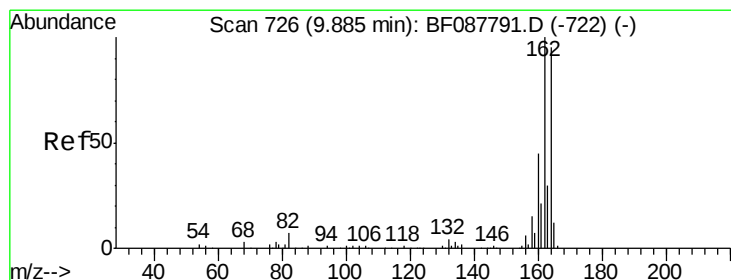
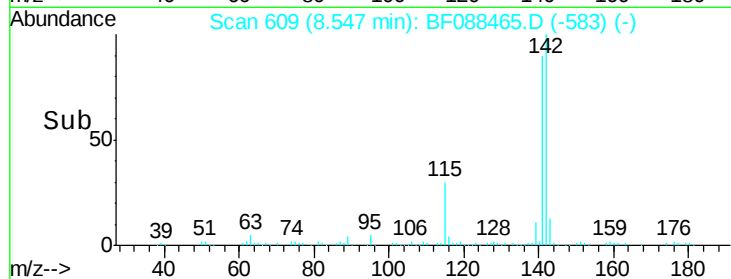
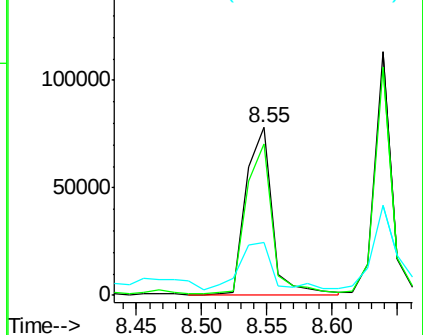


Abundance

Ion 142.00 (141.70 to 142.70): E

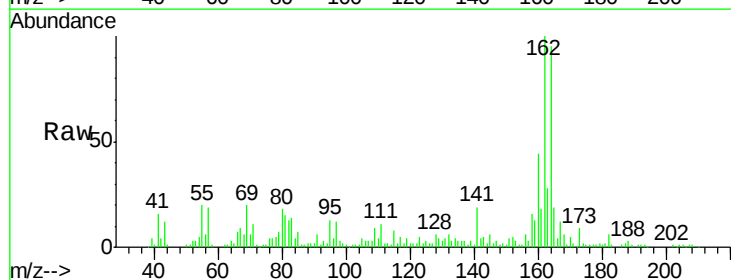
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	46.6	39.5	59.3

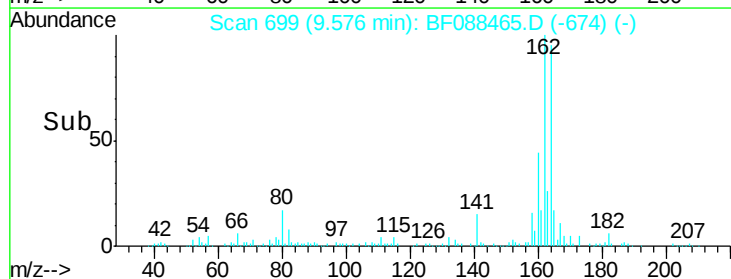
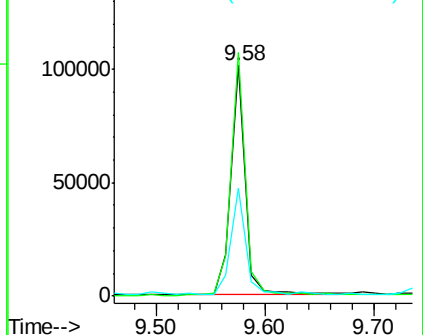


Abundance

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

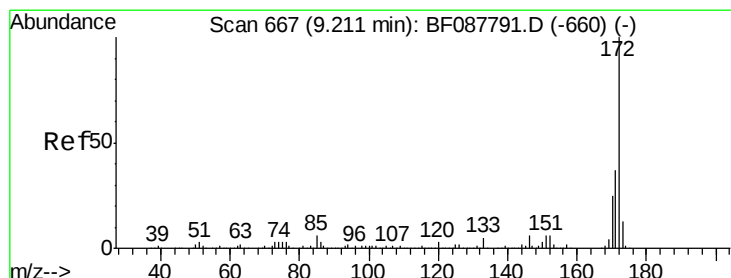
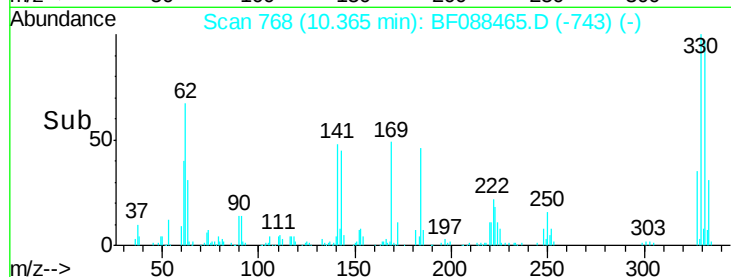
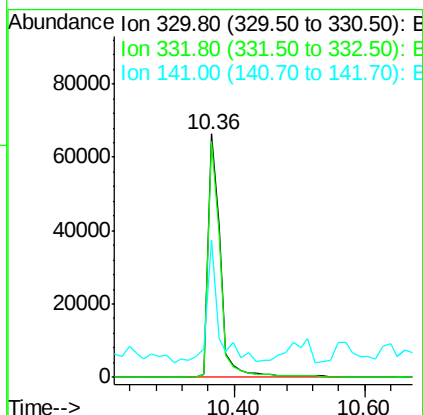
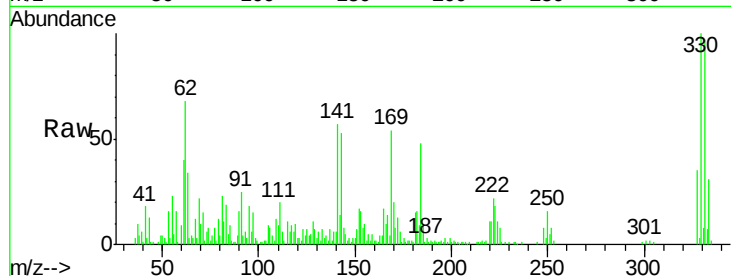




#41
 2,4,6-Tribromophenol
 Concen: 88.89 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088465.D
 Acq: 27 Jun 2016 21:52

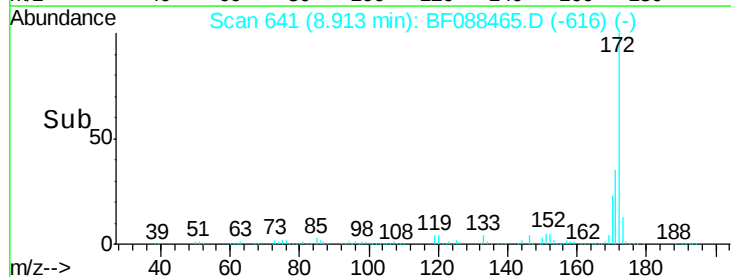
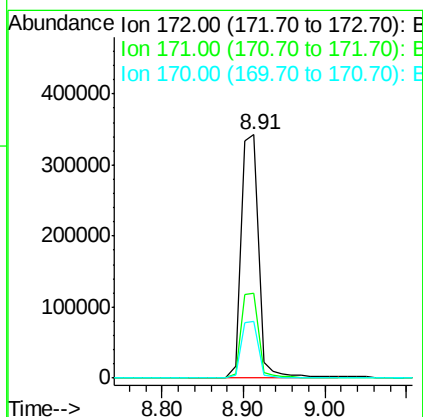
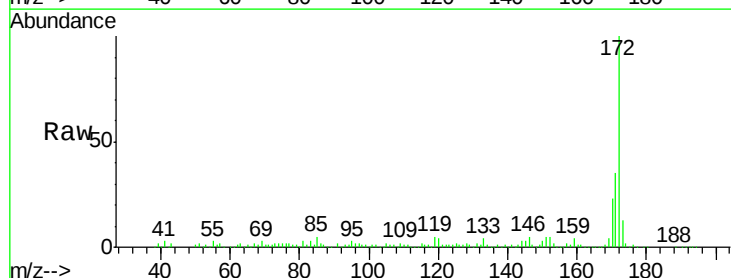
Instrument :
 BNA_F
 ClientSampleId :
 1

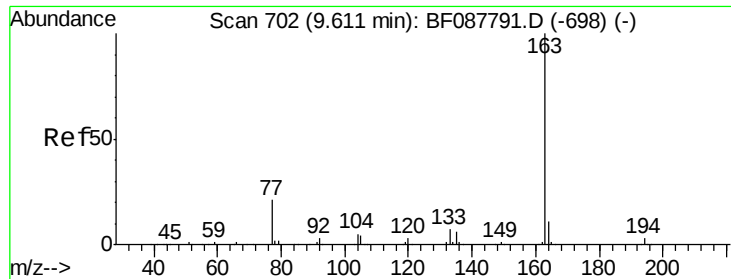
Tot Ion:330 Resp: 87007
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 47.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.24 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088465.D
 Acq: 27 Jun 2016 21:52

Tgt Ion:172 Resp: 513951
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.2 19.2 28.8

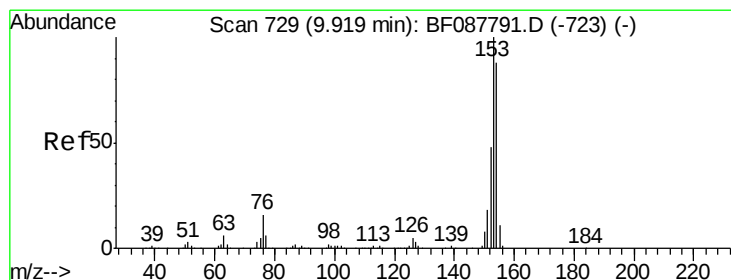
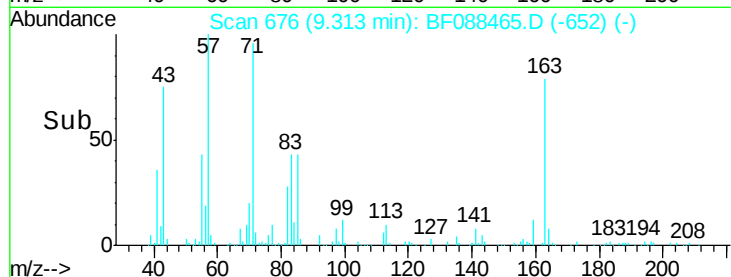
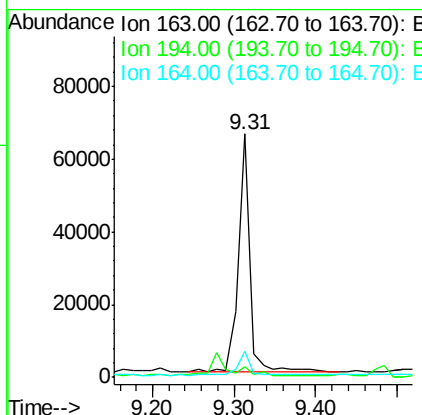
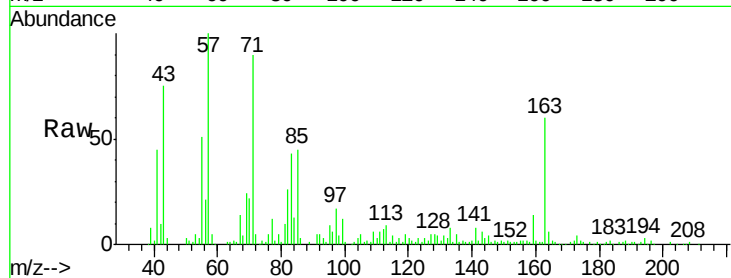




#49
Dimethylphthalate
Concen: 9.79 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

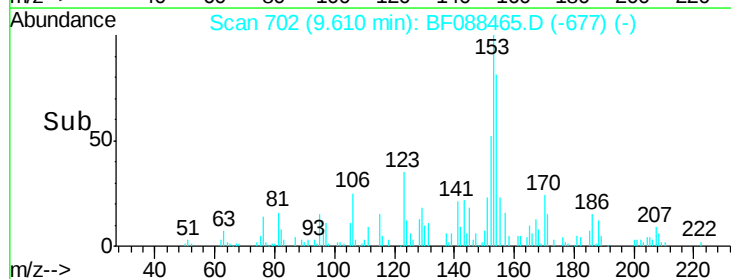
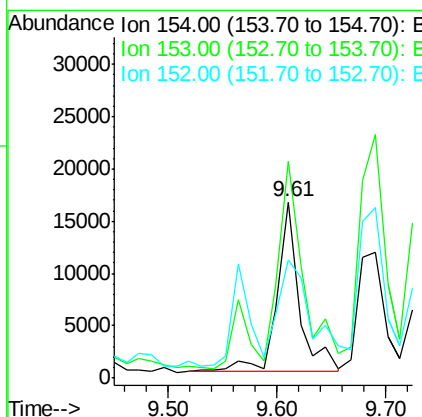
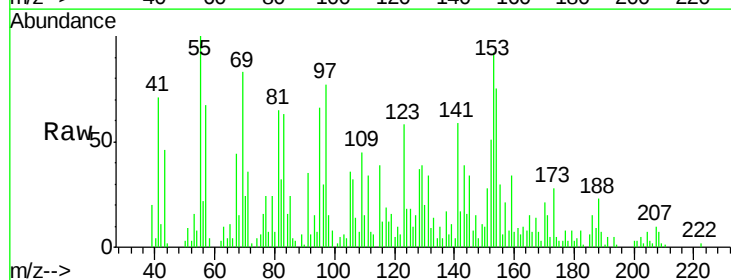
Instrument :
BNA_F
ClientSampled :
1

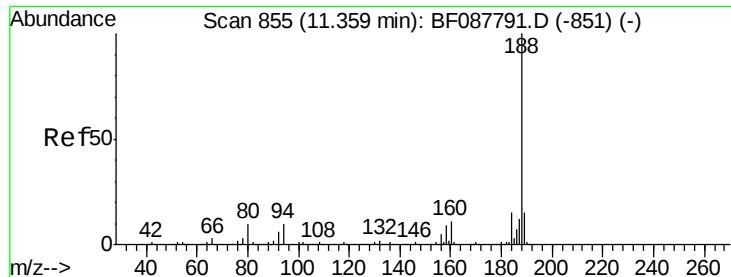
Tot Ion:163 Resp: 65760
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 10.4 8.3 12.5



#51
Acenaphthene
Concen: 3.73 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF088465.D
Acq: 27 Jun 2016 21:52

Tgt Ion:154 Resp: 22212
Ion Ratio Lower Upper
154 100
153 123.1 89.5 134.3
152 67.3 42.7 64.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

Instrument :

BNA_F

ClientSampled :

1

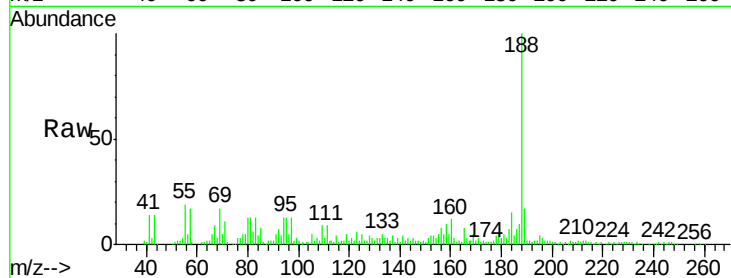
Tot Ion:188 Resp: 139837

Ion Ratio Lower Upper

188 100

94 12.7 9.0 13.6

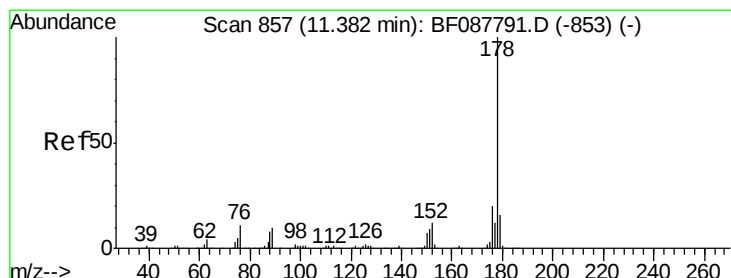
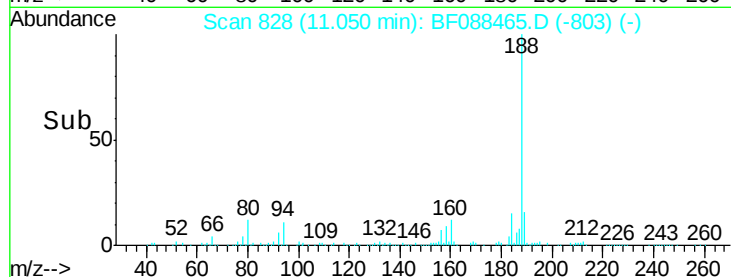
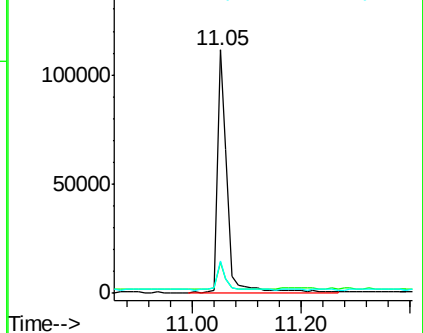
80 13.4 10.0 15.0



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: 15.80 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

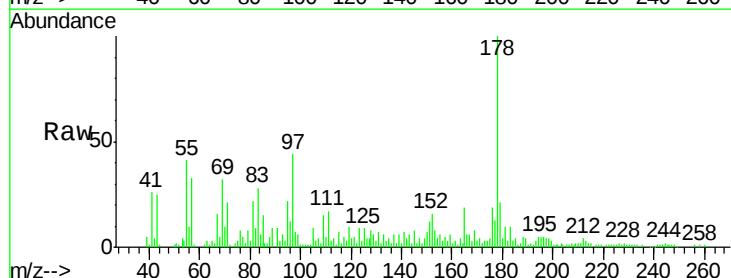
Tgt Ion:178 Resp: 115918

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

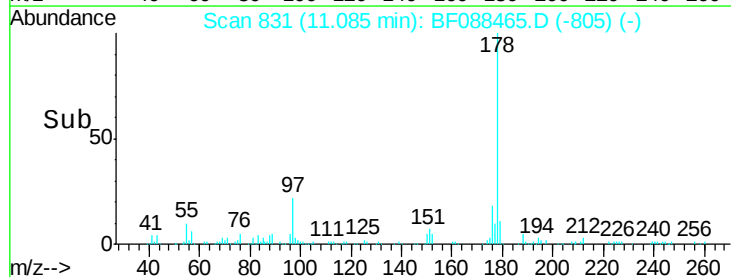
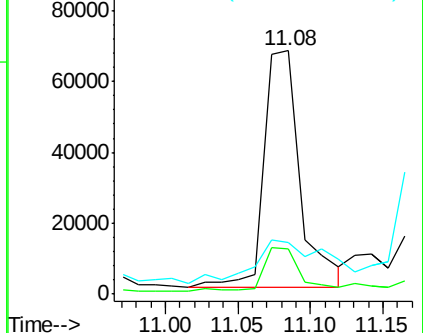
179 21.4 13.0 19.4#

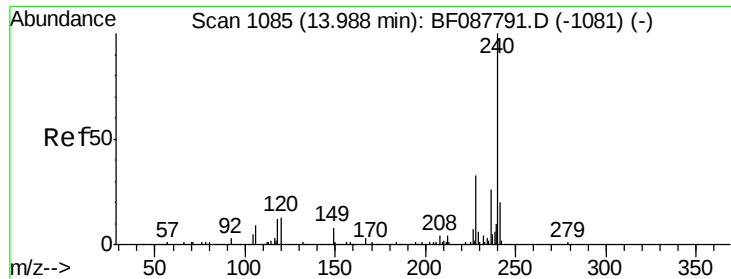


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

Instrument :

BNA_F

ClientSampled :

1

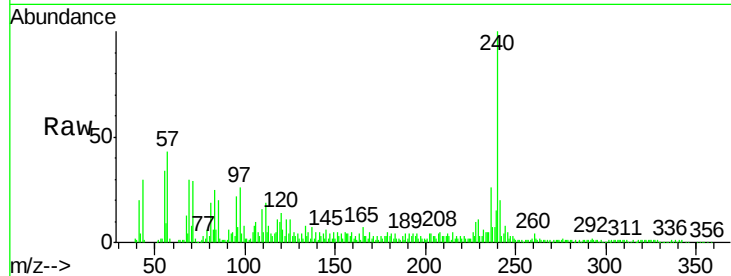
Tot Ion:240 Resp: 110901

Ion Ratio Lower Upper

240 100

120 14.0 6.8 10.2#

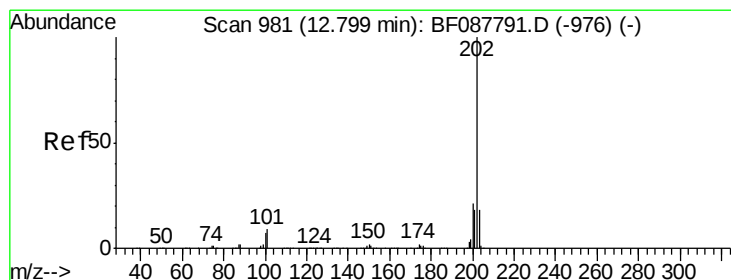
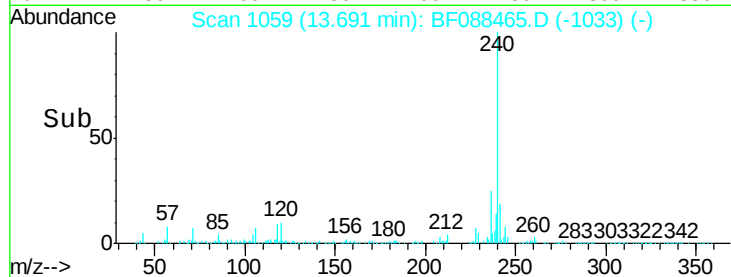
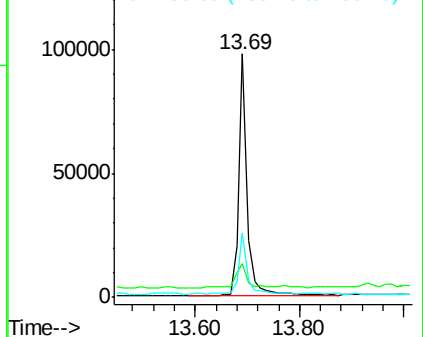
236 26.3 20.2 30.2



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



#77

Pyrene

Concen: 4.97 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF088465.D

Acq: 27 Jun 2016 21:52

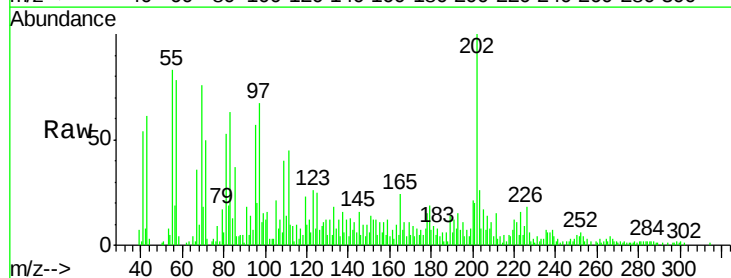
Tgt Ion:202 Resp: 40874

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

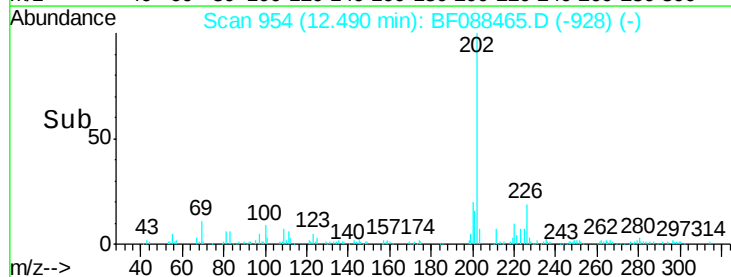
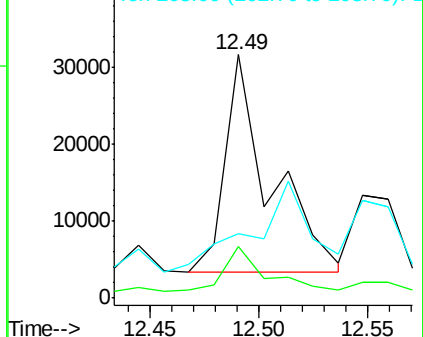
203 26.5 14.5 21.7#

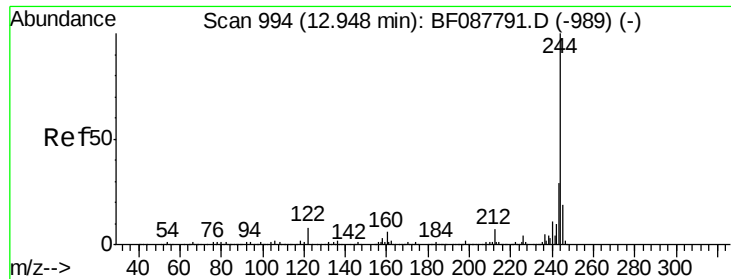


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

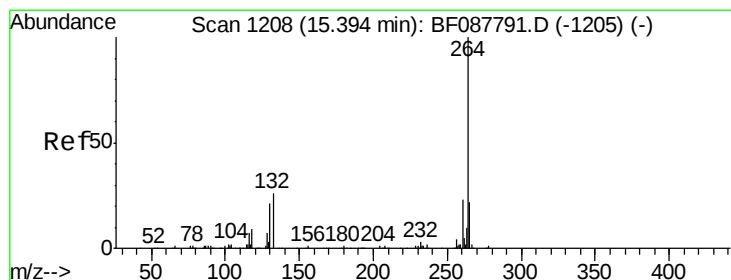
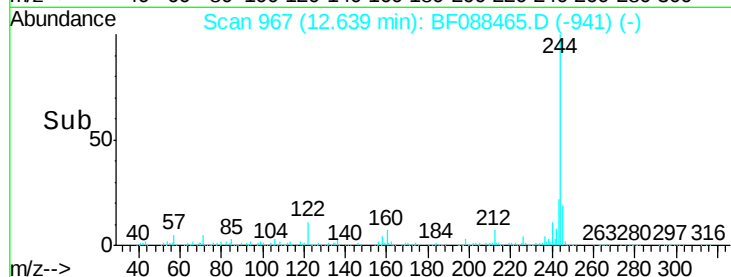
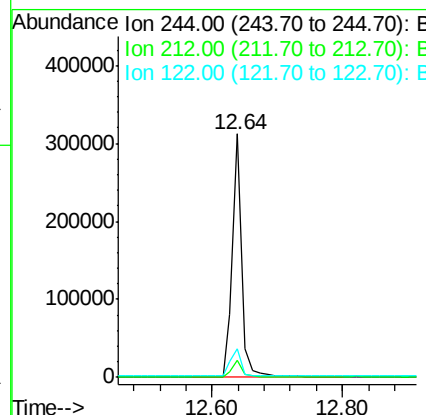
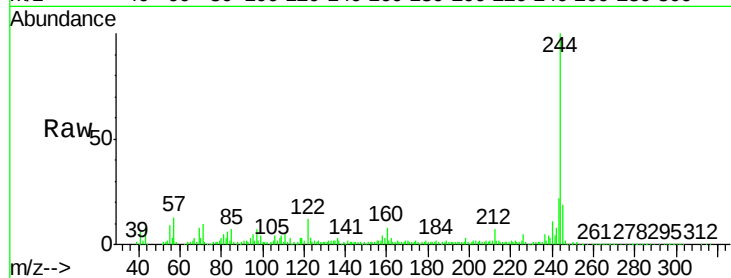




#78
 Terphenyl-d14
 Concen: 65.25 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF088465.D
 Acq: 27 Jun 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion:244 Resp: 317980
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF088465.D
 Acq: 27 Jun 2016 21:52

Tgt Ion:264 Resp: 110941
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.8 16.9 25.3

