

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086403.D
 Acq On : 23 Apr 2016 21:21
 Operator : UM/SJ
 Sample : H2648-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Quant Time: Apr 28 13:01:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

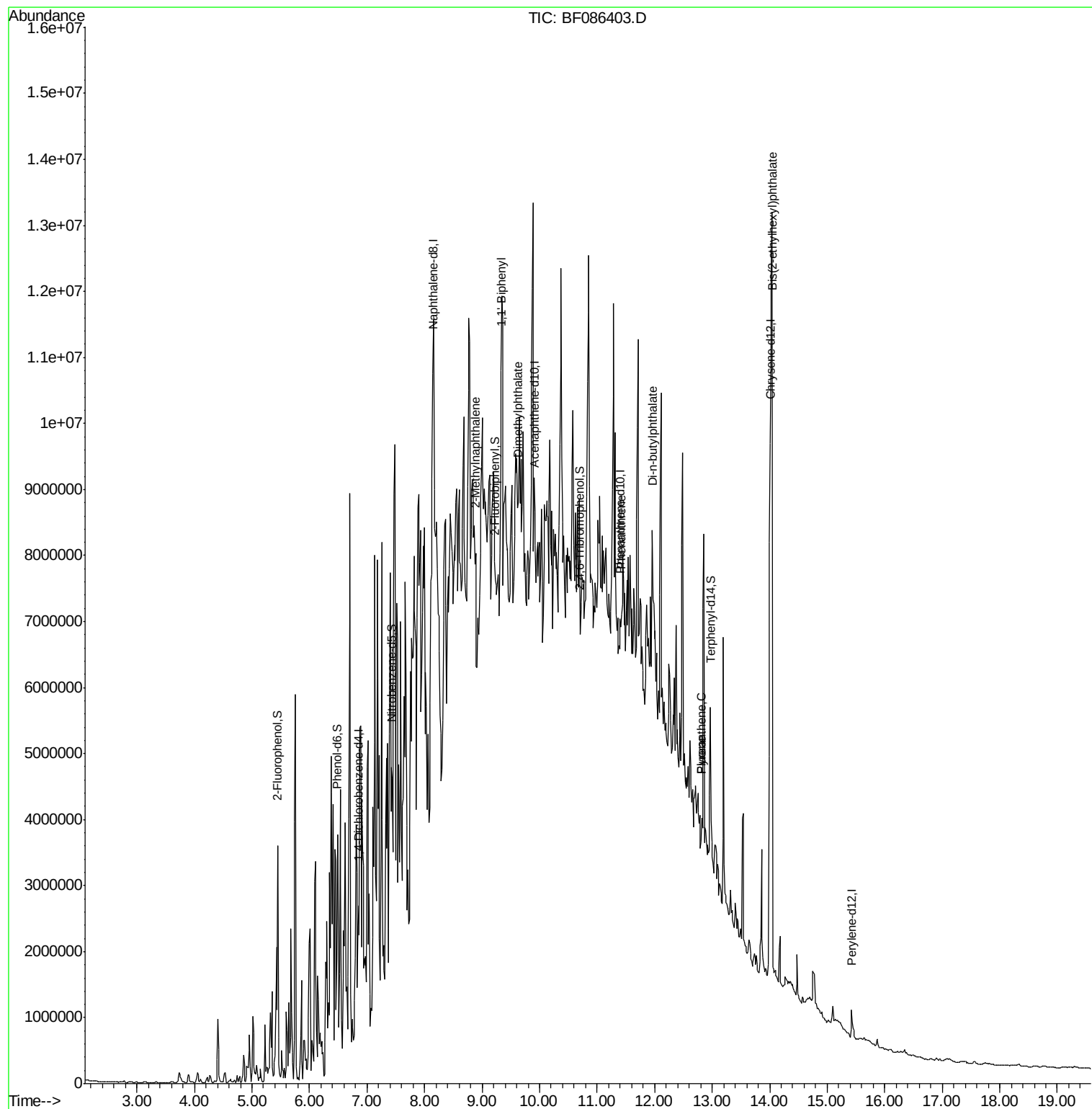
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155923	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	178168	20.00	ng	0.01
38) Acenaphthene-d10	9.92	164	159667	20.00	ng	0.03
63) Phenanthrene-d10	11.40	188	264620	20.00	ng	0.03
75) Chrysene-d12	14.01	240	106683	20.00	ng	0.01
86) Perylene-d12	15.43	264	248411	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1065944	118.06	ng	0.02
7) Phenol-d6	6.49	99	1371029	111.70	ng	0.01
23) Nitrobenzene-d5	7.42	82	772866	256.97	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	131918	91.27	ng	0.03
44) 2-Fluorobiphenyl	9.23	172	781413	83.52	ng	0.02
78) Terphenyl-d14	12.97	244	794191	184.96	ng	0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.89	142	1466491	280.14	ng	# 96
45) 1,1'-Biphenyl	9.33	154	355314	28.68	ng	94
49) Dimethylphthalate	9.63	163	66746	5.79	ng	# 71
70) Phenanthrene	11.42	178	398922	30.00	ng	# 90
73) Di-n-butylphthalate	11.96	149	4468986m	296.89	ng	
74) Fluoranthene	12.82	202	116736	8.14	ng	80
77) Pyrene	12.82	202	116736	15.69	ng	# 86
83) Bis(2-ethylhexyl)phthalate	14.04	149	10359163	2669.12	ng	# 97

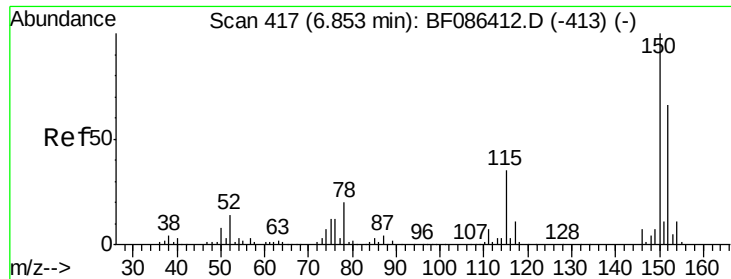
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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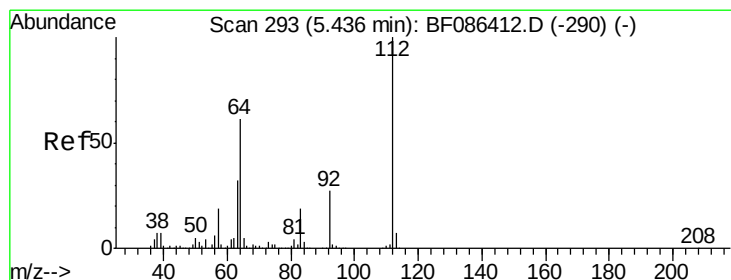
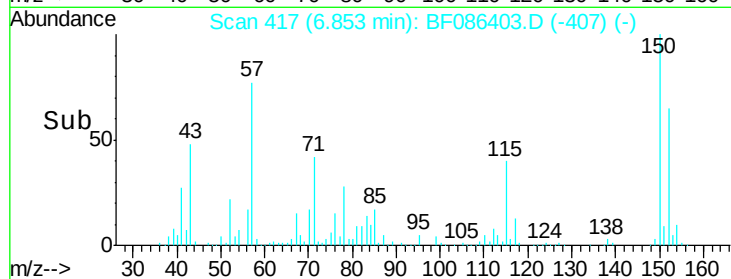
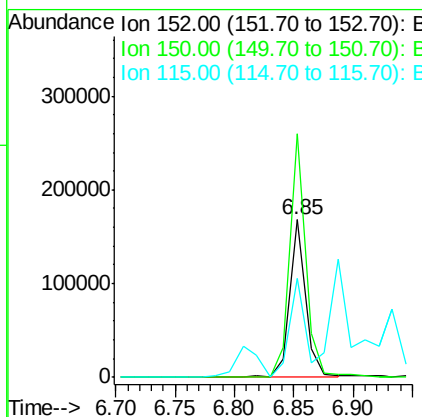
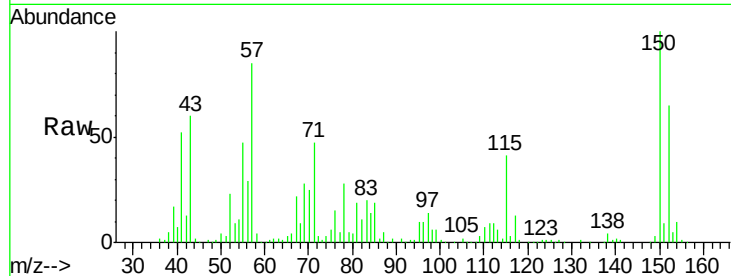




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

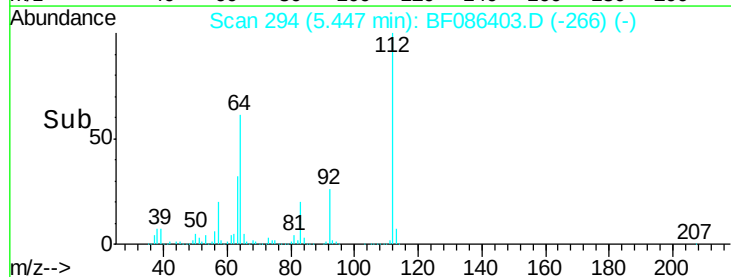
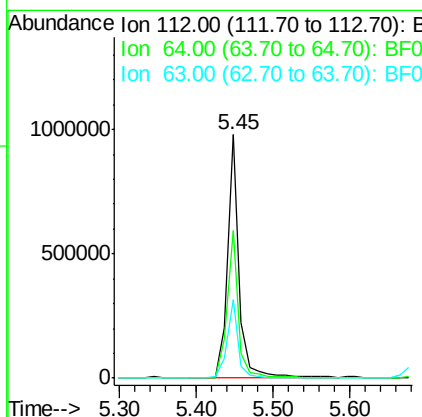
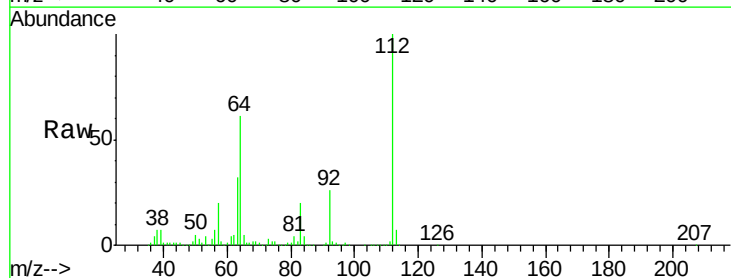
Instrument :
 BNA_F
 ClientSampleId :
 WC-W

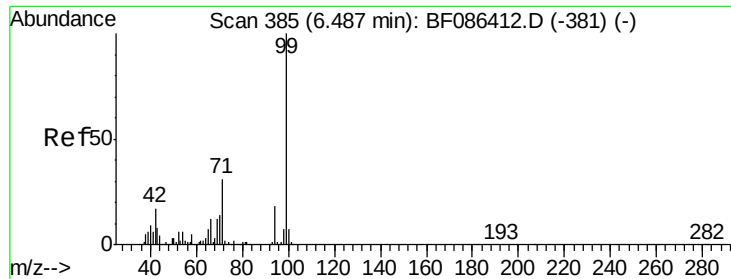
Tgt Ion:152 Resp: 155923
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.8 188.6
 115 62.7 51.5 77.3



#5
 2-Fluorophenol
 Concen: 118.06 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

Tgt Ion:112 Resp: 1065944
 Ion Ratio Lower Upper
 112 100
 64 60.9 52.1 78.1
 63 32.4 25.7 38.5





#7

Phenol-d6

Concen: 111.70 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

Instrument :

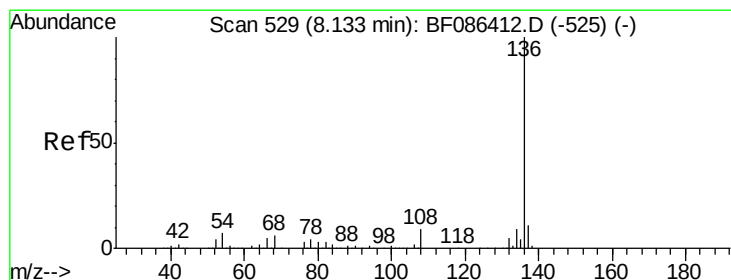
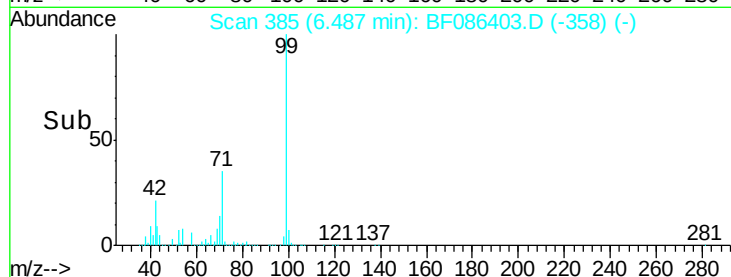
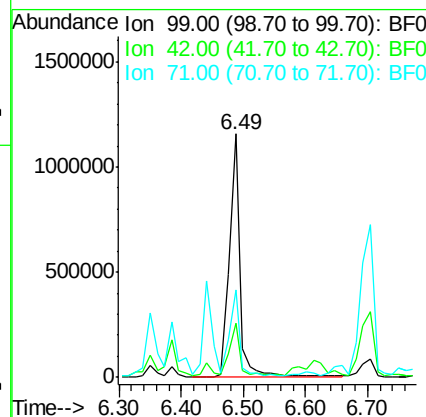
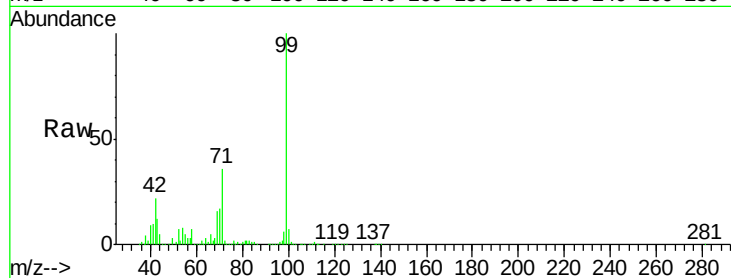
BNA_F

ClientSampleId :

WC-W

Tgt Ion: 99 Resp: 1371029

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.6	20.4#
71	35.9	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

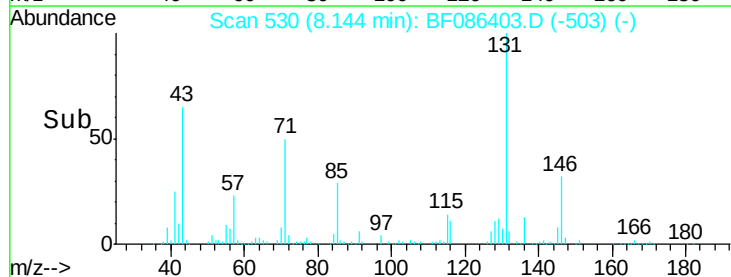
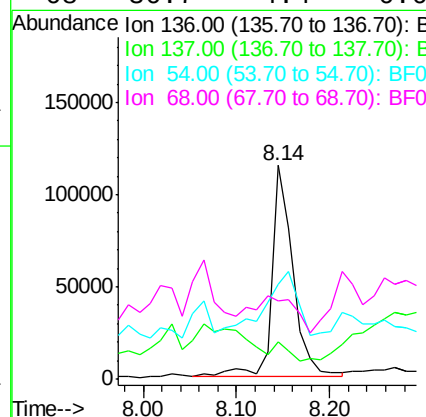
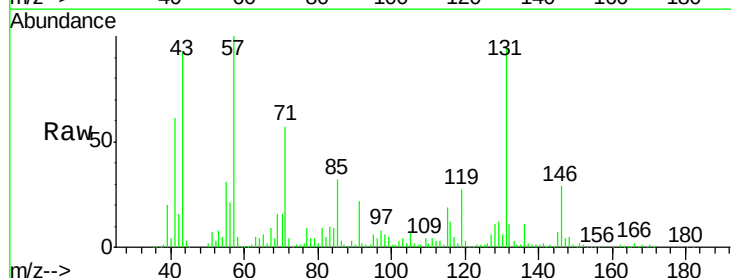
Delta R.T. 0.01 min

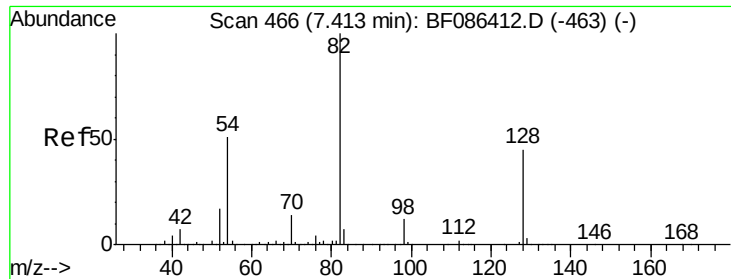
Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

Tgt Ion: 136 Resp: 178168

Ion	Ratio	Lower	Upper
136	100		
137	17.2	8.8	13.2#
54	44.1	5.0	7.4#
68	36.7	4.4	6.6#

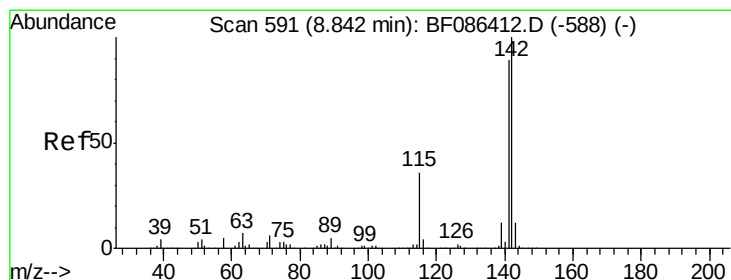
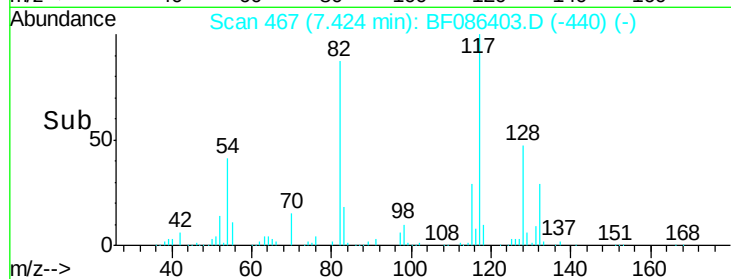
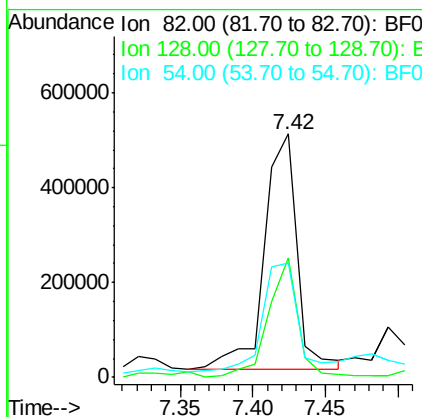
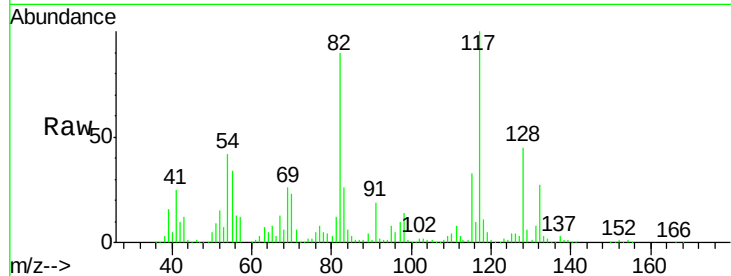




#23
 Nitrobenzene-d5
 Concen: 256.97 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

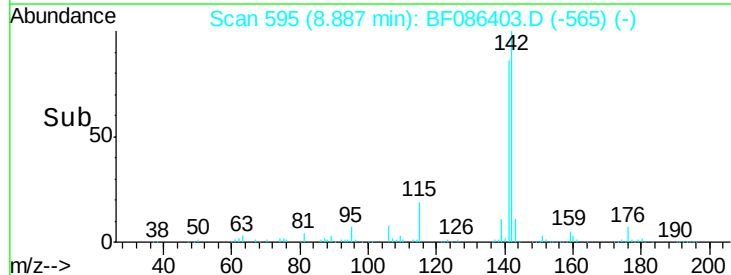
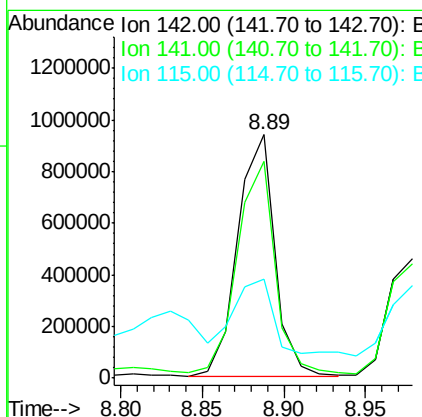
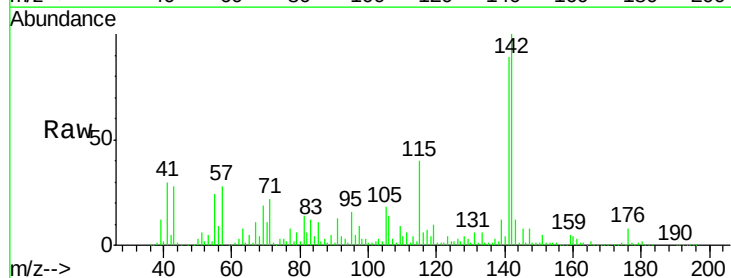
Instrument :
 BNA_F
 ClientSampleId :
 WC-W

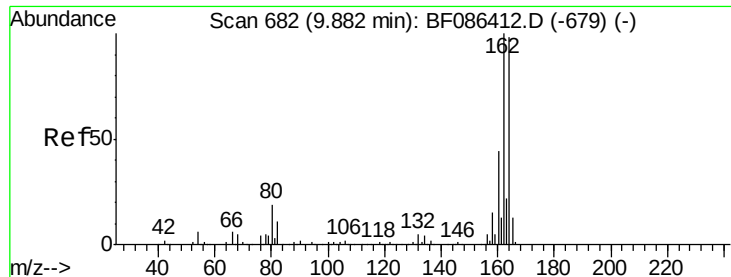
Tgt Ion: 82 Resp: 772866
 Ion Ratio Lower Upper
 82 100
 128 49.2 40.6 61.0
 54 46.7 38.1 57.1



#37
 2-Methylnaphthalene
 Concen: 280.14 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.05 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

Tgt Ion: 142 Resp: 1466491
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 40.5 26.6 39.8#

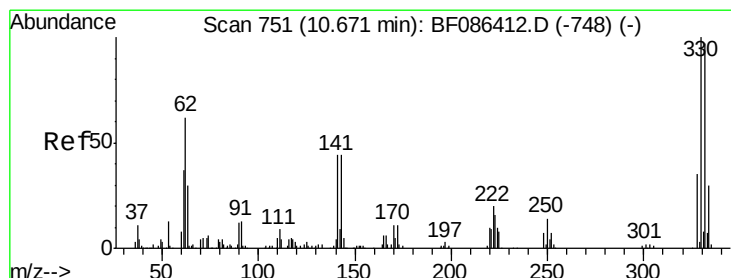
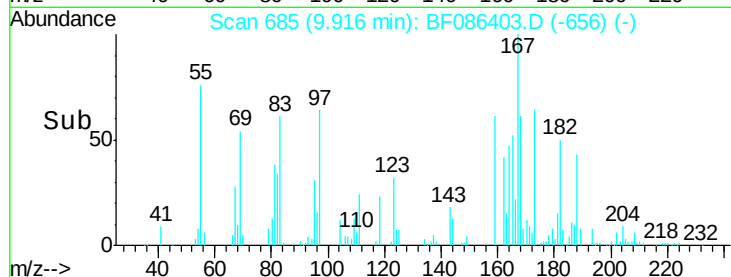
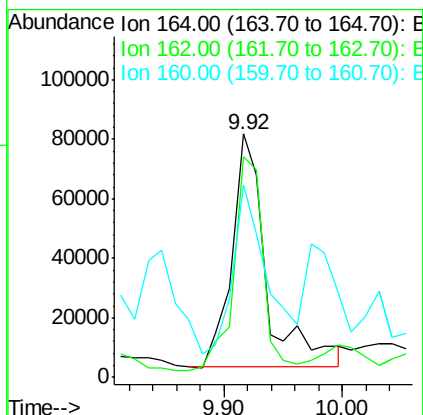
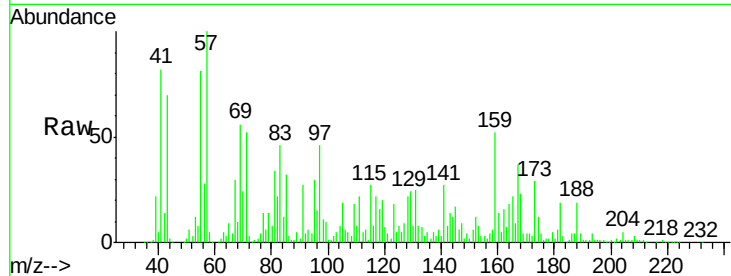




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.03 min
Lab File: BF086403.D
Acq: 23 Apr 2016 21:21

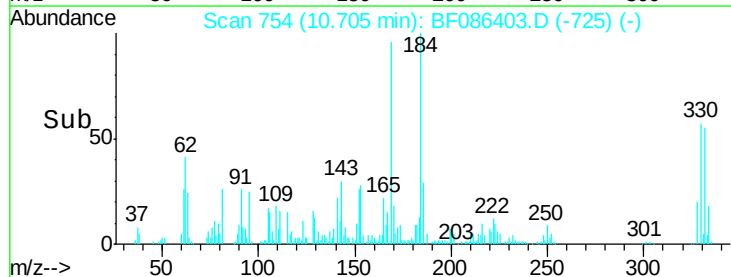
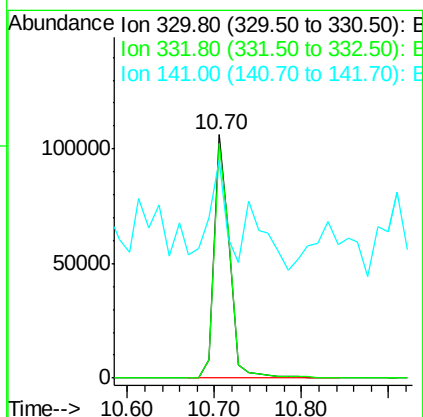
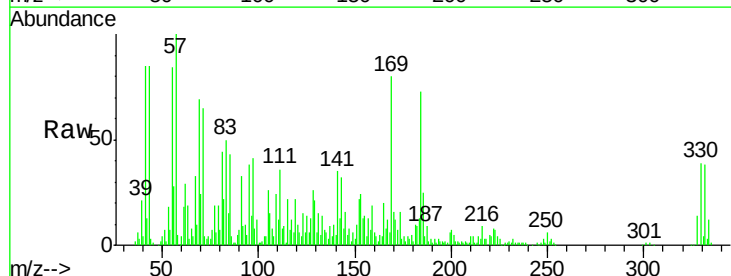
Instrument :
BNA_F
ClientSampleId :
WC-W

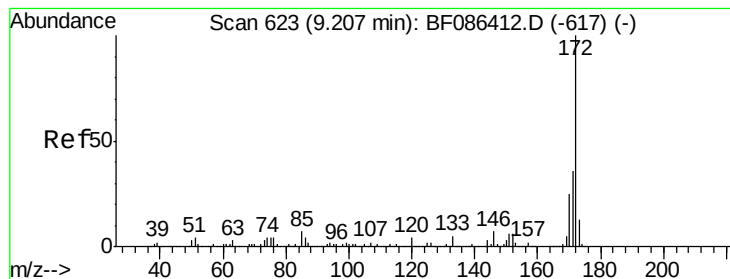
Tgt Ion:164 Resp: 159667
Ion Ratio Lower Upper
164 100
162 90.7 82.8 124.2
160 79.3 36.9 55.3#



#41
2,4,6-Tribromophenol
Concen: 91.27 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF086403.D
Acq: 23 Apr 2016 21:21

Tgt Ion:330 Resp: 131918
Ion Ratio Lower Upper
330 100
332 98.3 79.0 118.4
141 42.1 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 83.52 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.02 min

Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

Instrument :

BNA_F

ClientSampleId :

WC-W

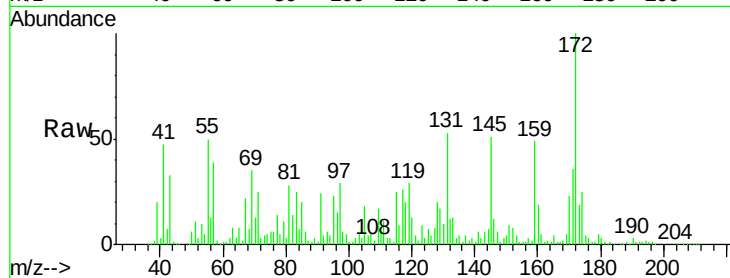
Tgt Ion:172 Resp: 781413

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

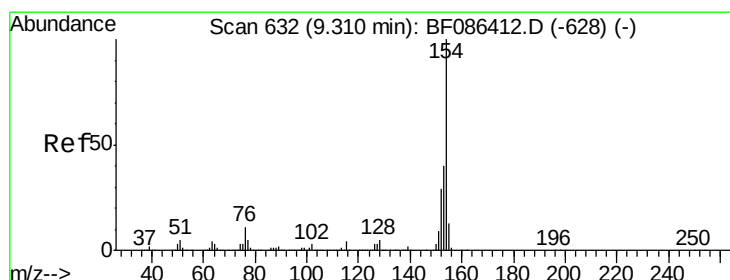
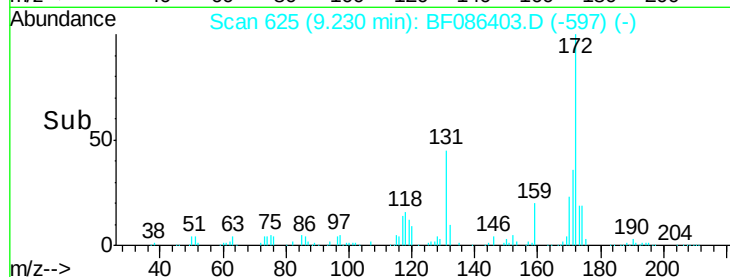
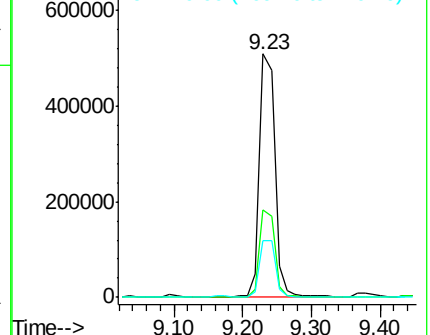
170 23.5 19.8 29.8



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: 28.68 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.02 min

Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

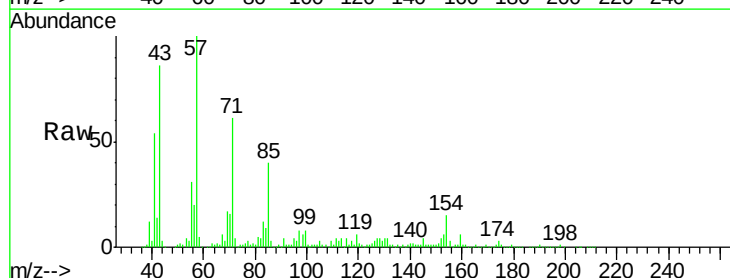
Tgt Ion:154 Resp: 355314

Ion Ratio Lower Upper

154 100

153 42.1 20.3 60.3

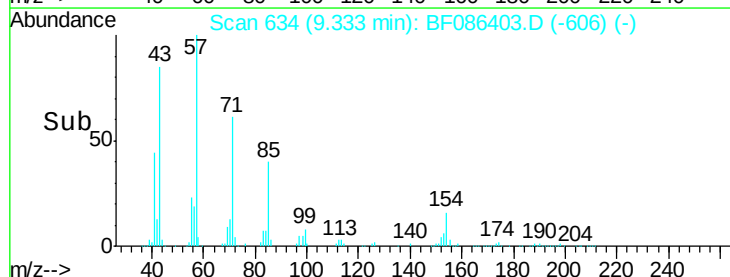
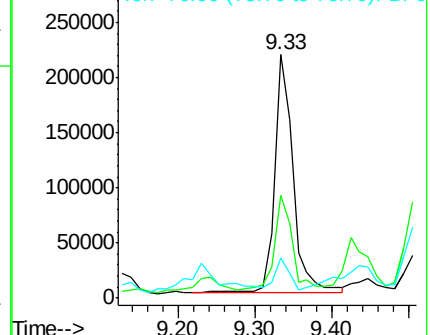
76 16.5 0.0 30.2

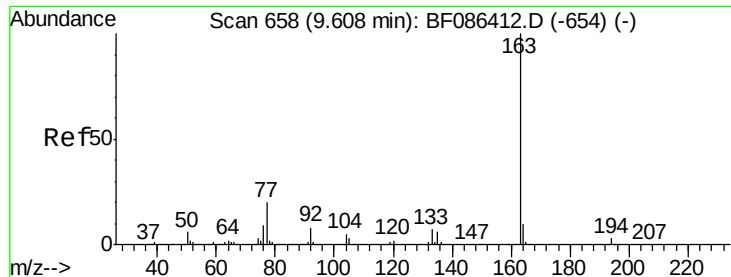


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

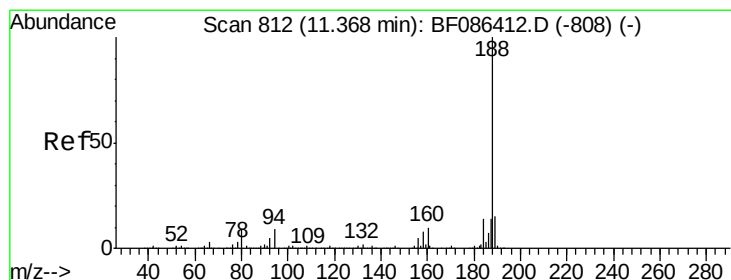
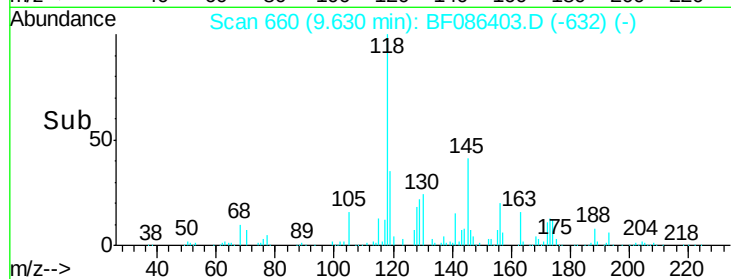
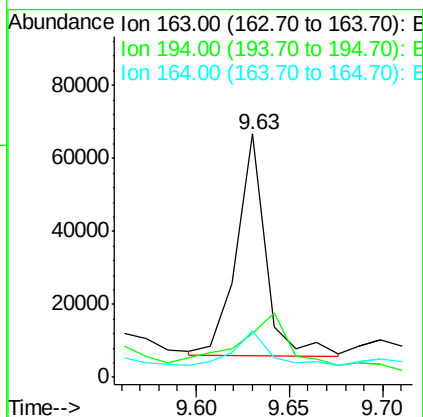
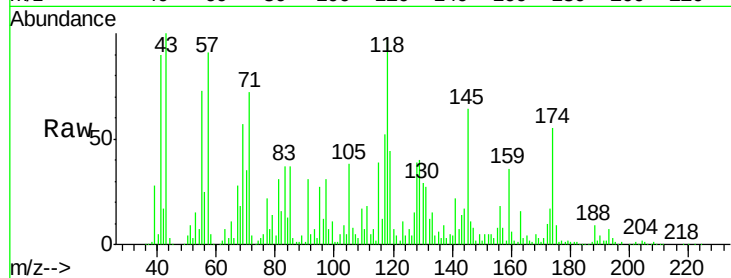




#49
 Dimethylphthalate
 Concen: 5.79 ng
 RT: 9.63 min Scan# 660
 Delta R.T. 0.02 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

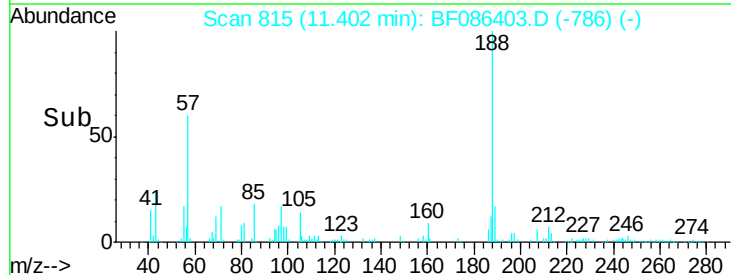
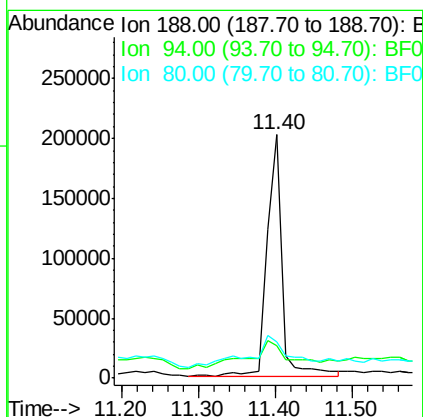
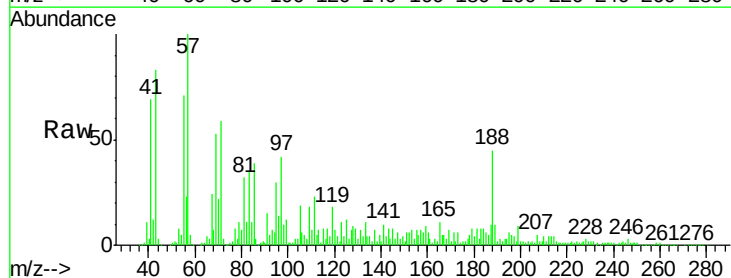
Instrument :
 BNA_F
 ClientSampleId :
 WC-W

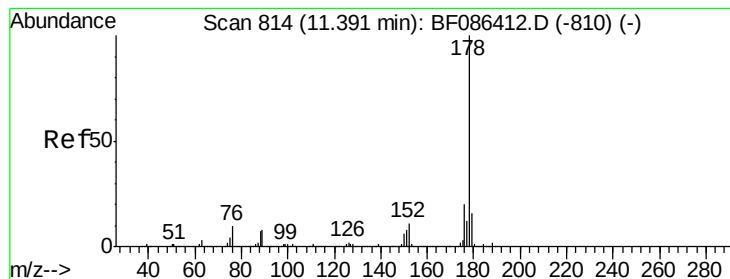
Tgt Ion:163 Resp: 66746
 Ion Ratio Lower Upper
 163 100
 194 18.0 2.6 4.0#
 164 19.3 8.2 12.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.03 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

Tgt Ion:188 Resp: 264620
 Ion Ratio Lower Upper
 188 100
 94 13.1 6.8 10.2#
 80 15.0 7.1 10.7#





#70

Phenanthrene

Concen: 30.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.03 min

Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

Instrument :

BNA_F

ClientSampleId :

WC-W

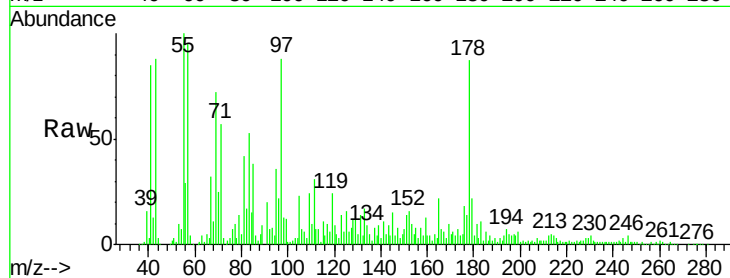
Tgt Ion:178 Resp: 398922

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

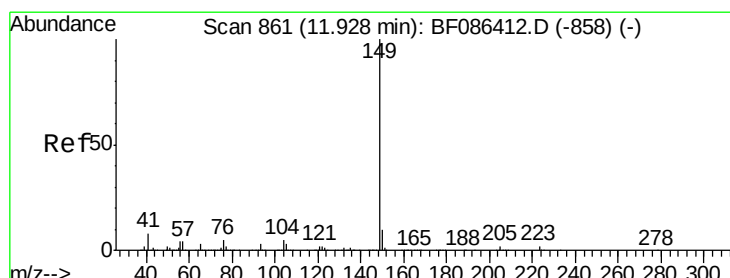
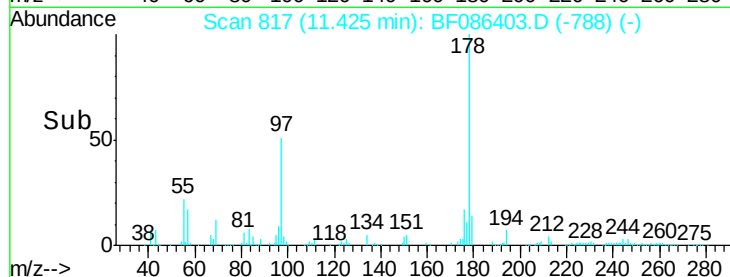
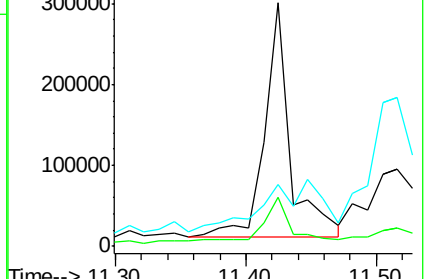
179 25.2 12.6 18.8#



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



#73

Di-n-butylphthalate

Concen: 296.89 ng m

RT: 11.96 min Scan# 864

Delta R.T. 0.03 min

Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

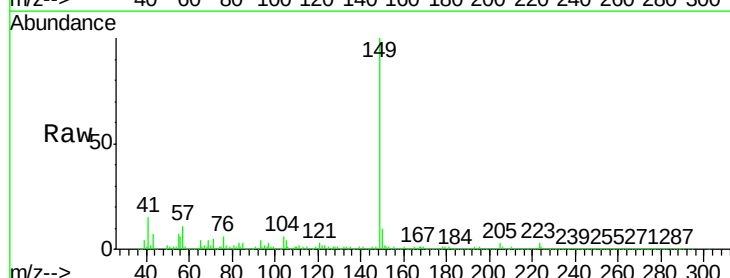
Tgt Ion:149 Resp: 4468986

Ion Ratio Lower Upper

149 100

150 10.3 7.6 11.4

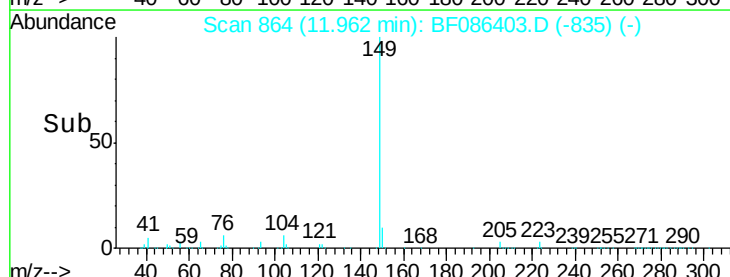
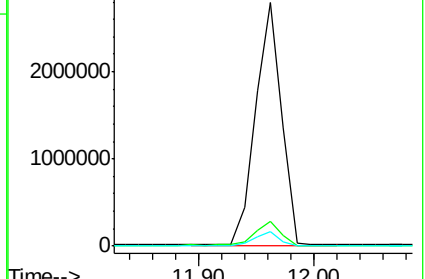
104 6.0 3.8 5.6#

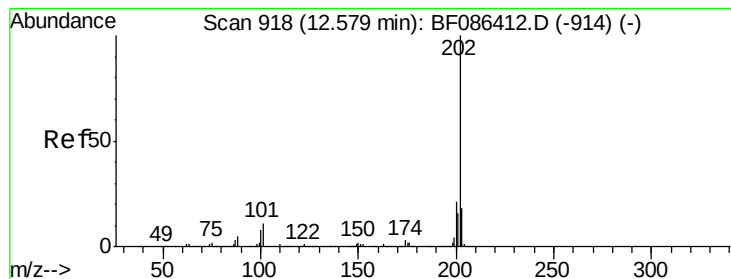


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 8.14 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.25 min

Lab File: BF086403.D

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WC-W

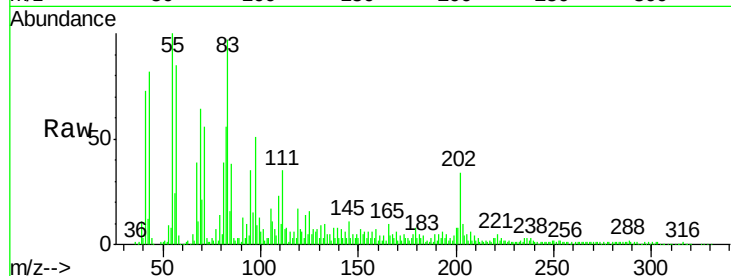
Tgt Ion:202 Resp: 116736

Ion Ratio Lower Upper

202 100

101 20.2 0.0 35.4

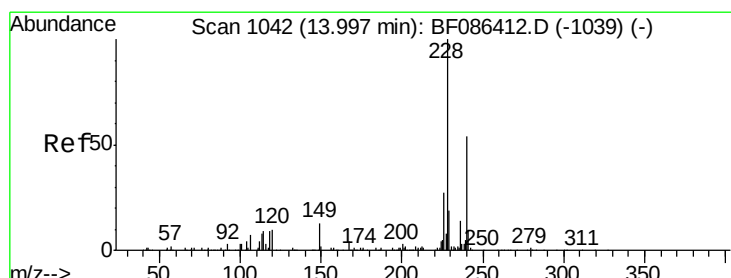
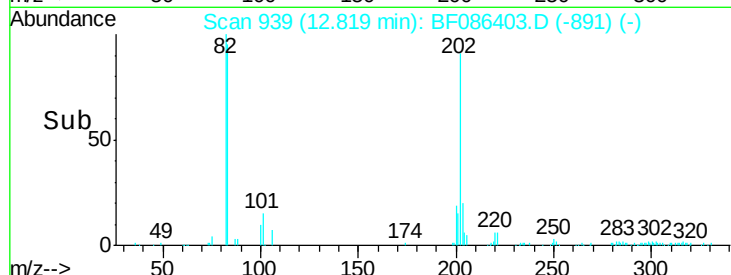
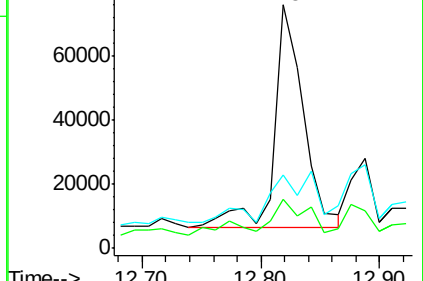
203 30.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF086403.D

Acq: 23 Apr 2016 21:21

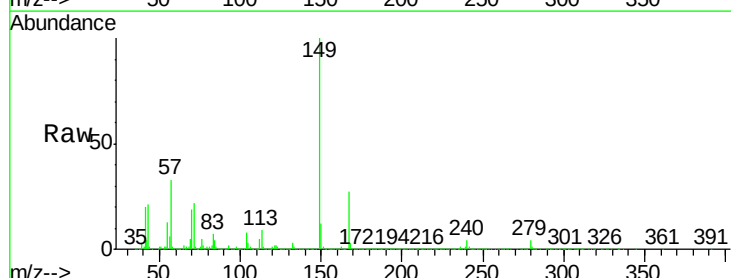
Tgt Ion:240 Resp: 106683

Ion Ratio Lower Upper

240 100

120 12.4 11.2 16.8

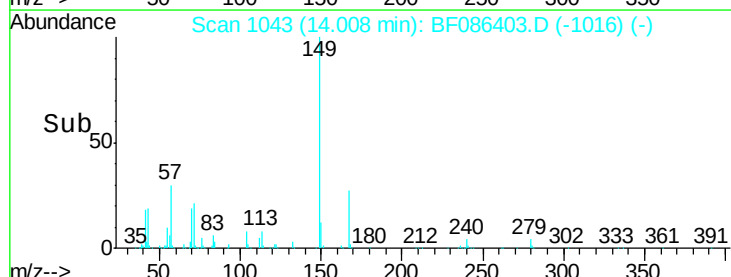
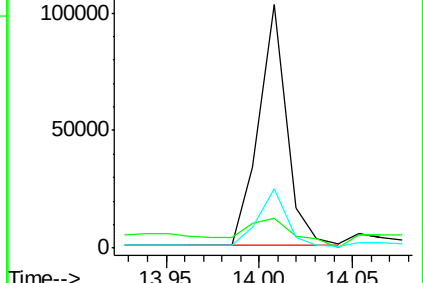
236 24.3 21.2 31.8

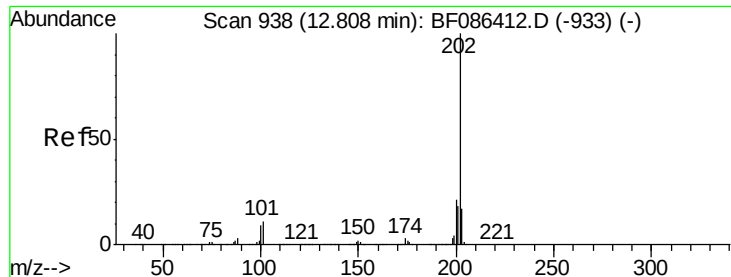


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

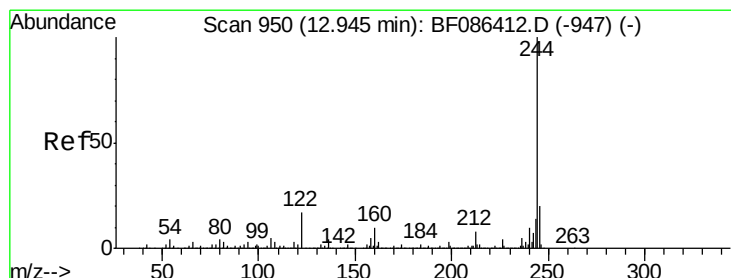
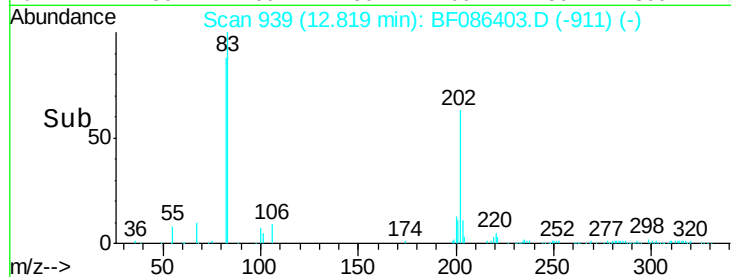
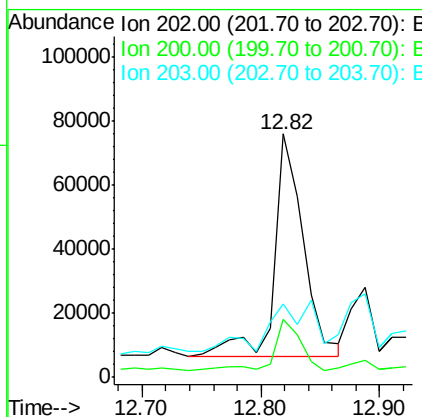
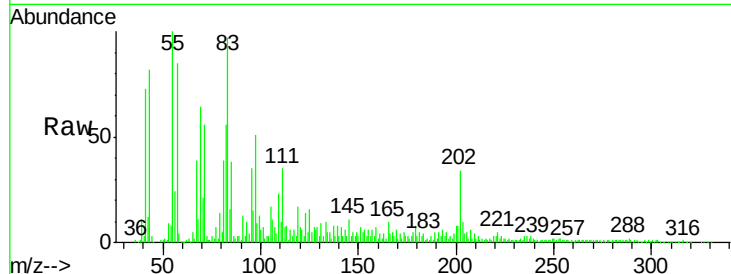




#77
 Pyrene
 Concen: 15.69 ng
 RT: 12.82 min Scan# 939
 Delta R.T. 0.02 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

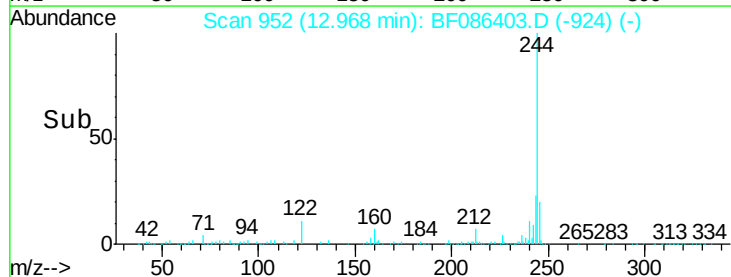
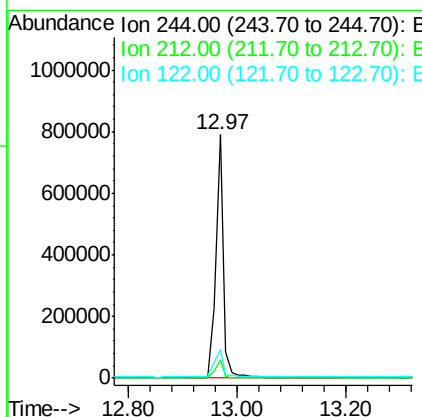
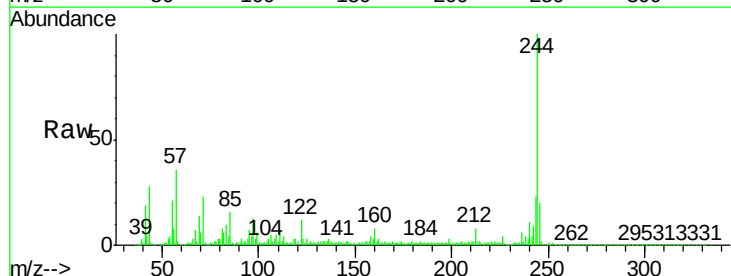
Instrument :
 BNA_F
 ClientSampled :
 WC-W

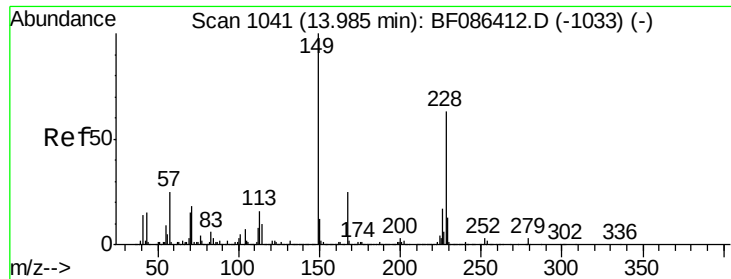
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.7	26.5
203	30.1	14.2	21.4



#78
 Terphenyl-d14
 Concen: 184.96 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.02 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.8	12.0	18.0

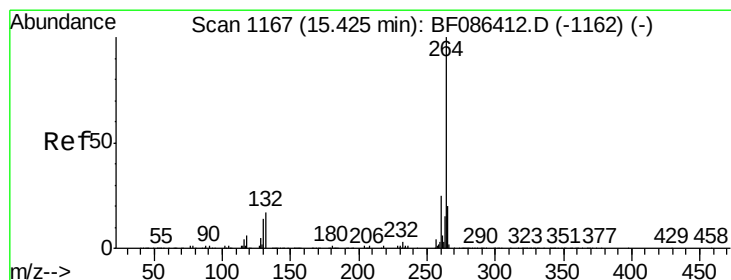
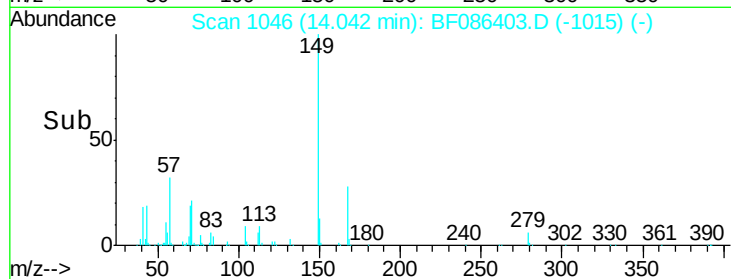
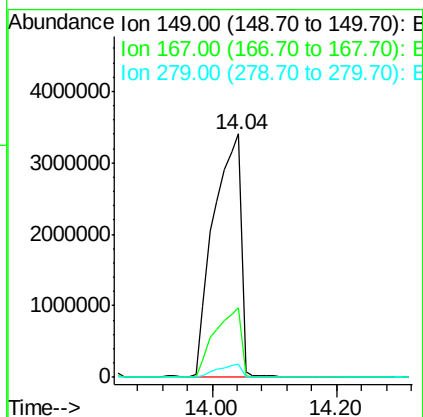
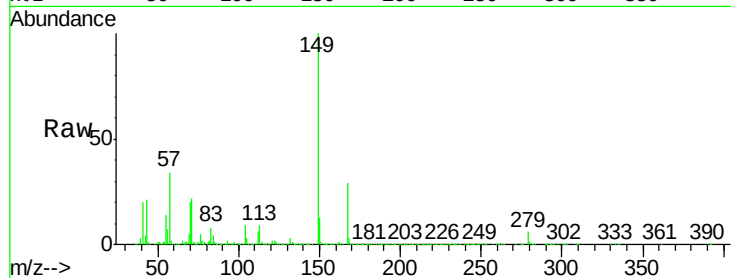




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2669.12 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.06 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Tgt Ion:149 Resp:10359163
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.8 32.6
 279 5.6 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF086403.D
 Acq: 23 Apr 2016 21:21

Tgt Ion:264 Resp: 248411
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.2 17.3 25.9

