

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090147.D
 Acq On : 20 Sep 2016 21:26
 Operator : UM/SJ
 Sample : H4849-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GWB-244.256-CB-SEDIMENT

Quant Time: Sep 21 02:20:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

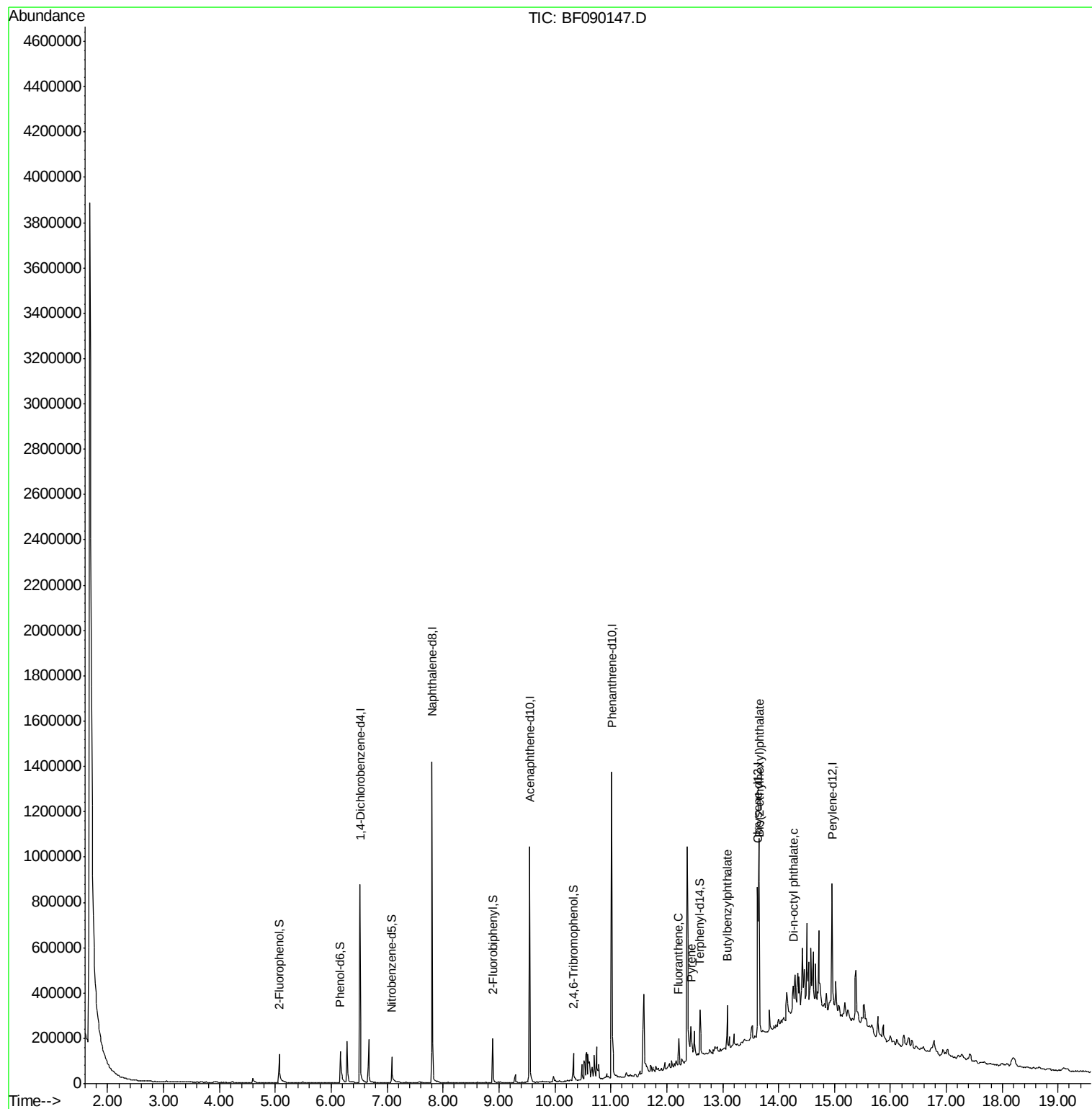
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	153773	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	642259	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	328132	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	488279	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	323651	20.00	ng	-0.01
86) Perylene-d12	14.96	264	320517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	70936	7.52	ng	0.00
7) Phenol-d6	6.16	99	109184	9.37	ng	-0.01
23) Nitrobenzene-d5	7.08	82	59009	5.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	17025	6.05	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	110429	6.61	ng	0.00
78) Terphenyl-d14	12.59	244	73713	5.78	ng	-0.01
Target Compounds						
74) Fluoranthene	12.22	202	59203	2.42	ng	Qvalue 95
77) Pyrene	12.43	202	48357	2.18	ng	96
79) Butylbenzylphthalate	13.08	149	48084	4.44	ng	94
83) Bis(2-ethylhexyl)phthalate	13.66	149	320971	23.15	ng	# 96
84) Di-n-octyl phthalate	14.26	149	79883	3.34	ng	# 79

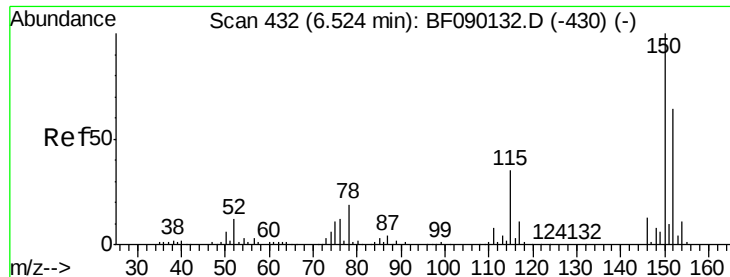
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090147.D
Acq On : 20 Sep 2016 21:26
Operator : UM/SJ
Sample : H4849-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GWB-244.256-CB-SEDIMENT

Quant Time: Sep 21 02:20:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090147.D

Acq: 20 Sep 2016 21:26

Instrument :

BNA_F

ClientSampleId :

GWB-244.256-CB-SEDIMENT

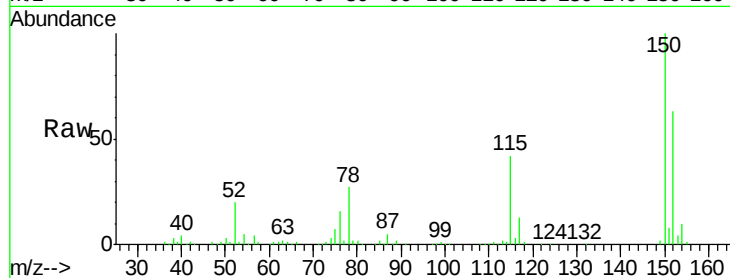
Tgt Ion:152 Resp: 153773

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

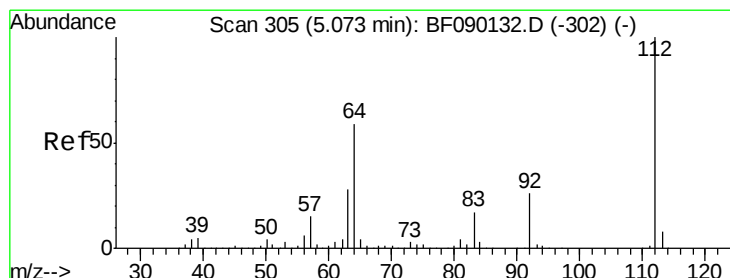
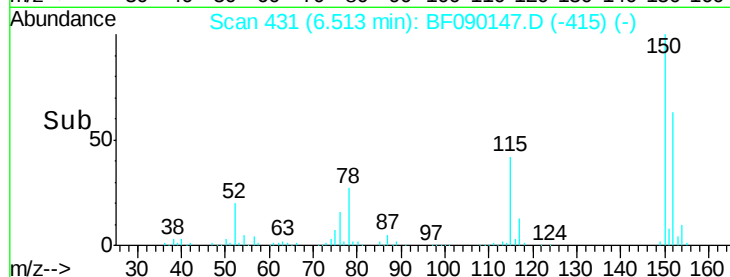
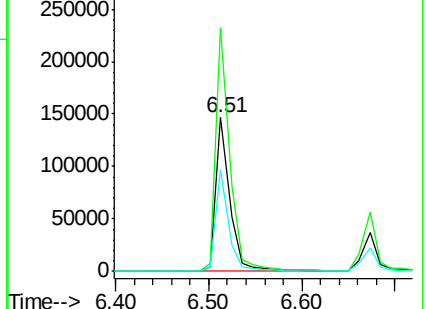
115 66.6 55.5 83.3



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: 7.52 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090147.D

Acq: 20 Sep 2016 21:26

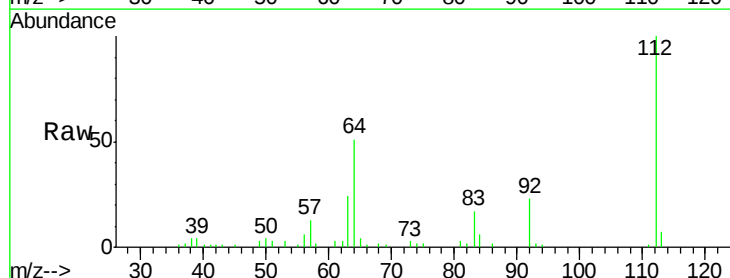
Tgt Ion:112 Resp: 70936

Ion Ratio Lower Upper

112 100

64 51.1 39.8 59.6

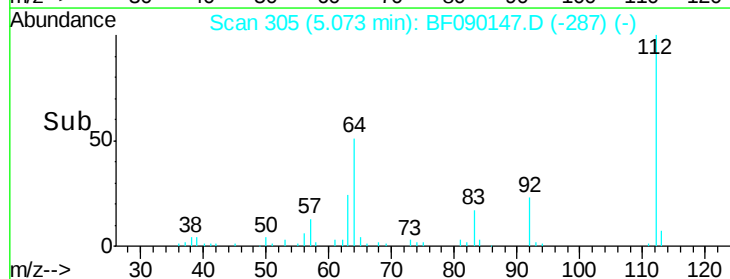
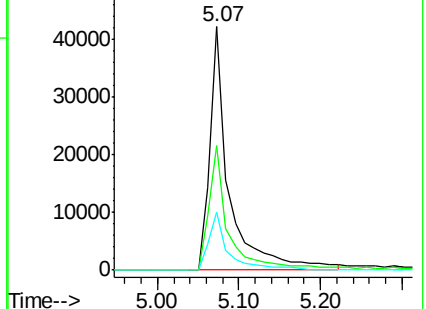
63 23.6 18.9 28.3

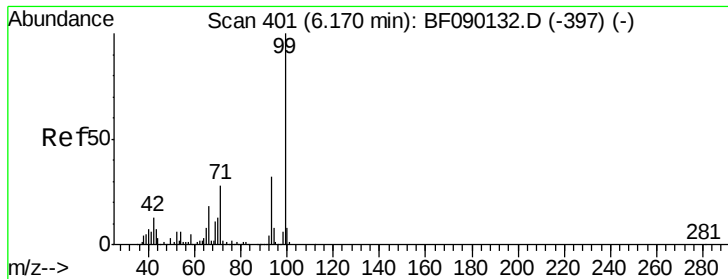


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.37 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090147.D

Acq: 20 Sep 2016 21:26

Instrument :

BNA_F

ClientSampleId :

GWB-244.256-CB-SEDIMENT

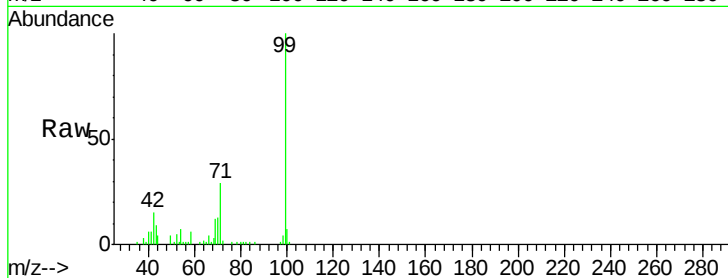
Tgt Ion: 99 Resp: 109184

Ion Ratio Lower Upper

99 100

42 14.8 10.6 15.8

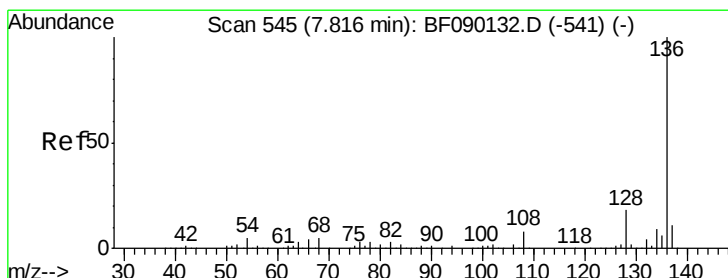
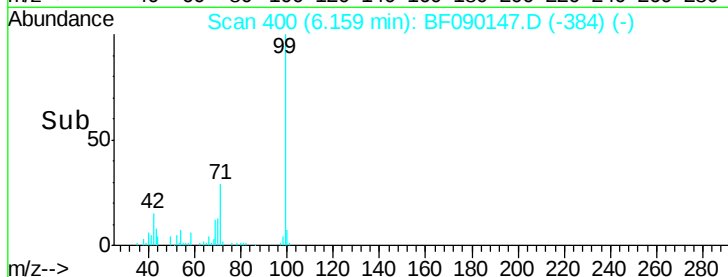
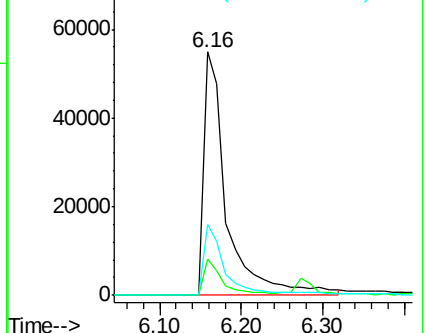
71 29.2 23.0 34.6



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: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF090147.D

Acq: 20 Sep 2016 21:26

Tgt Ion: 136 Resp: 642259

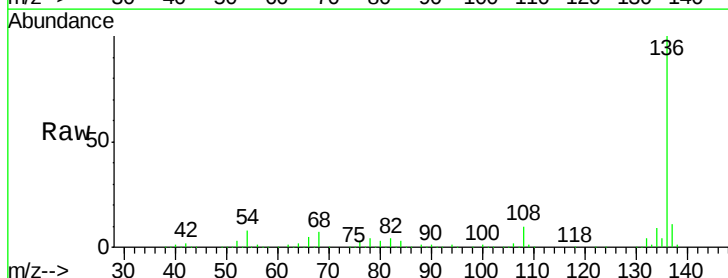
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.6 6.4 9.6

68 7.3 6.3 9.5

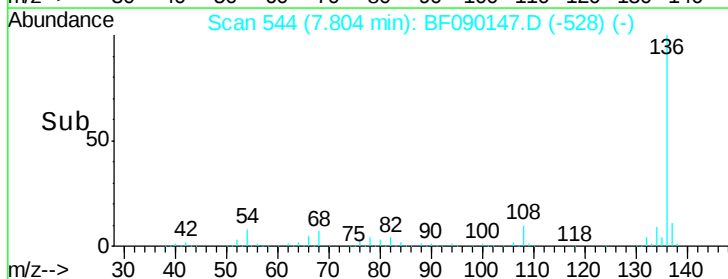
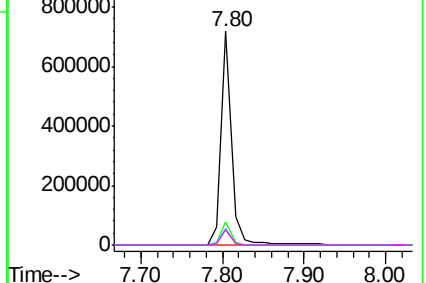


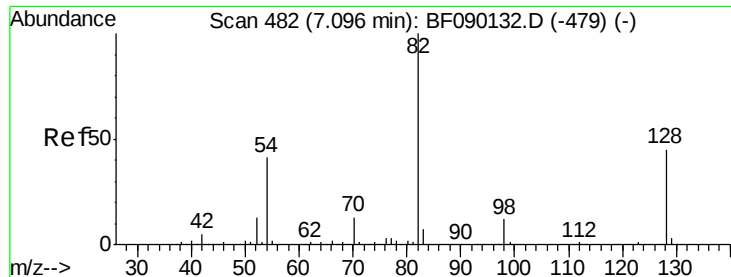
Abundance Ion 136.00 (135.70 to 136.70): E

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

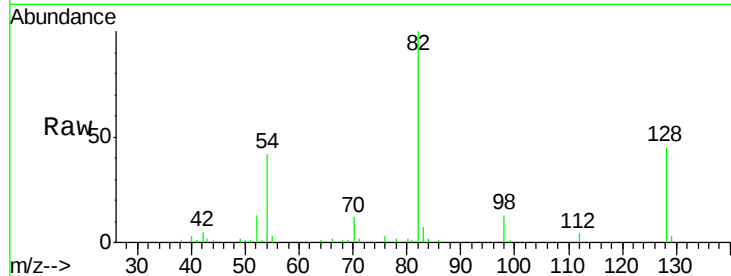




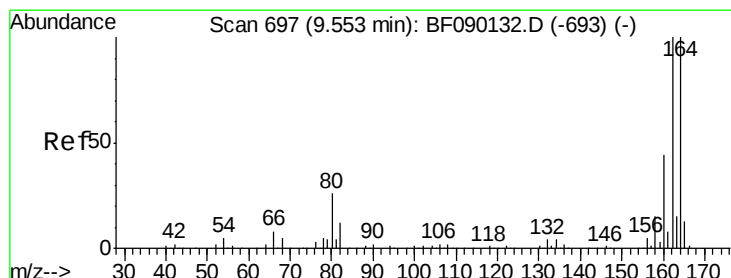
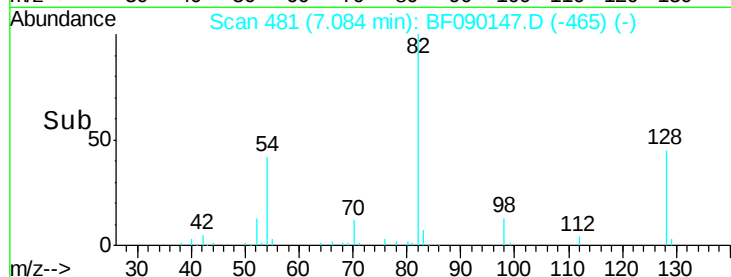
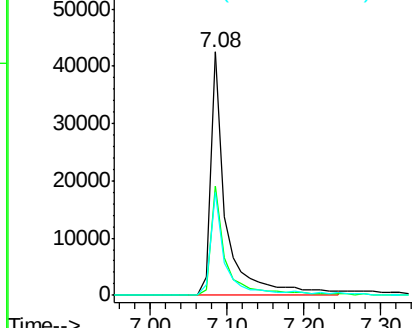
#23
 Nitrobenzene-d5
 Concen: 5.33 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 GWB-244.256-CB-SEDIMENT

Tgt Ion: 82 Resp: 59009
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.5 56.3
 54 42.1 31.9 47.9

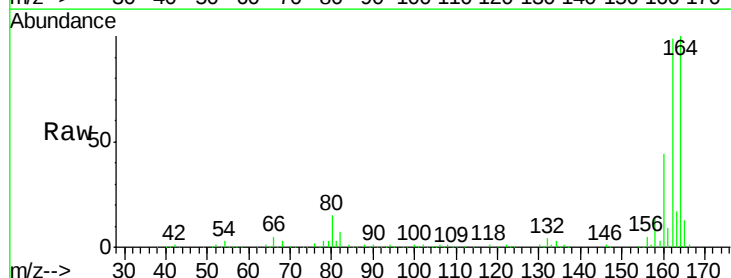


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

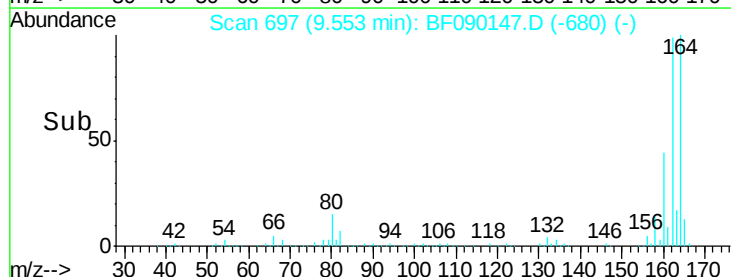
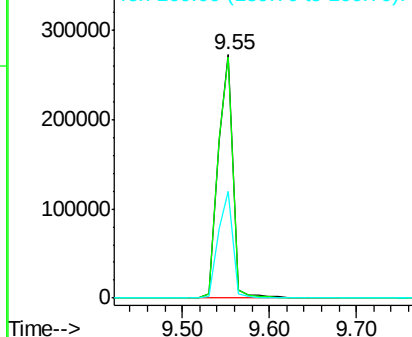


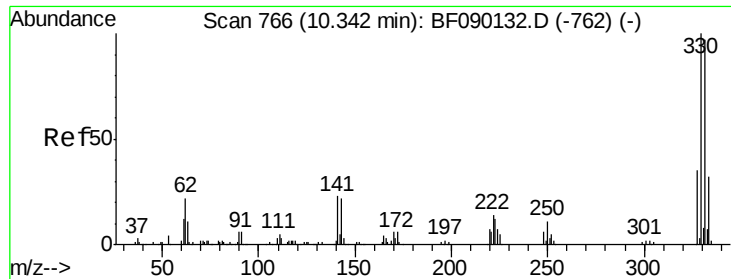
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

Tgt Ion: 164 Resp: 328132
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.4 122.2
 160 43.7 36.6 54.8



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

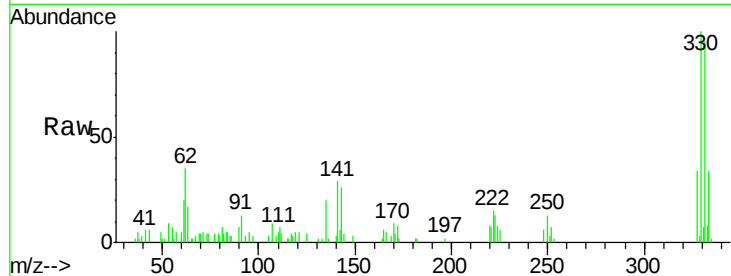




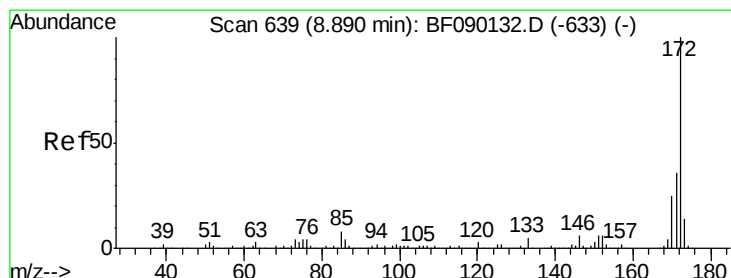
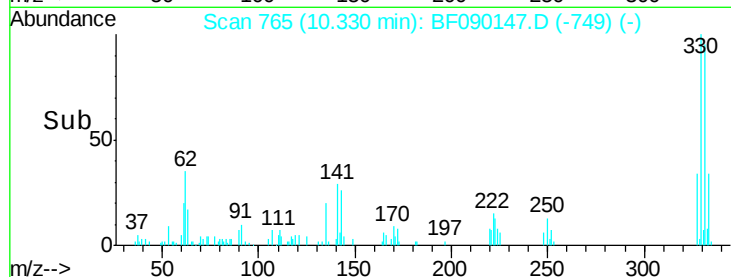
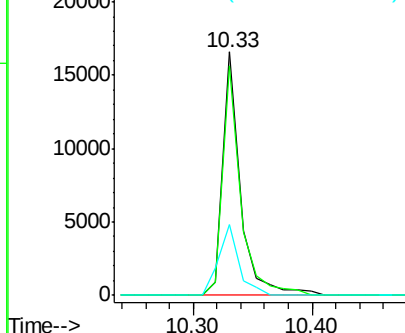
#41
 2,4,6-Tribromophenol
 Concen: 6.05 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 GWB-244.256-CB-SEDIMENT

Tgt Ion:330 Resp: 17025
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.1 117.1
 141 32.8 23.9 35.9

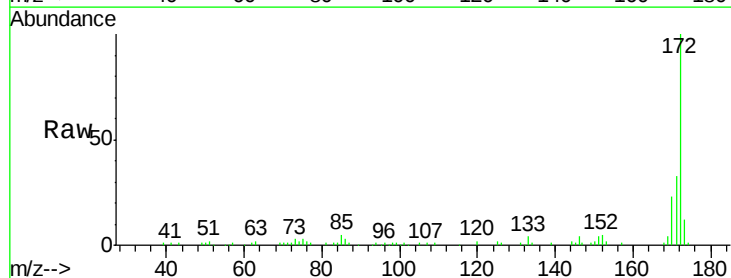


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

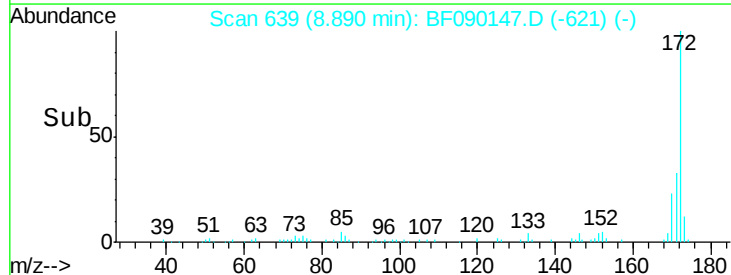
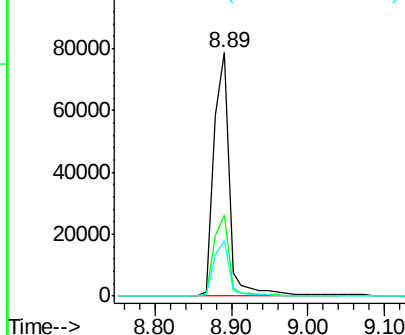


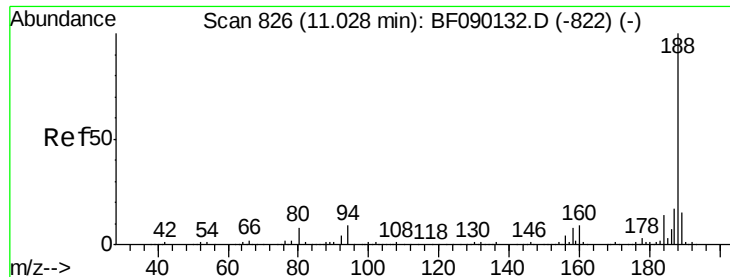
#44
 2-Fluorobiphenyl
 Concen: 6.61 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

Tgt Ion:172 Resp: 110429
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.2 43.8
 170 22.8 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

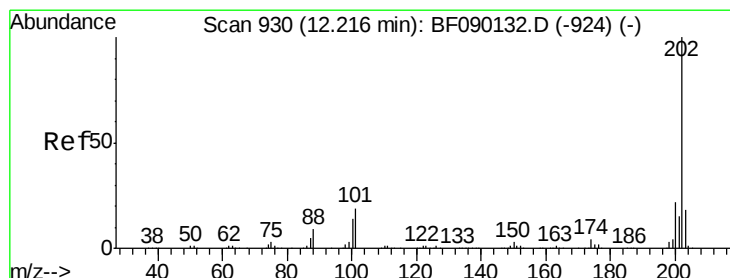
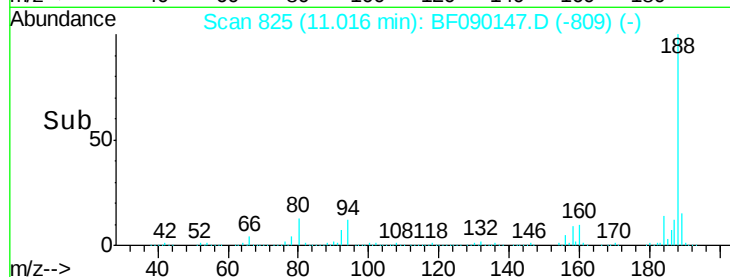
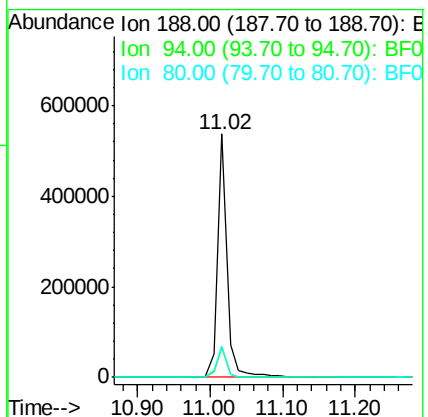
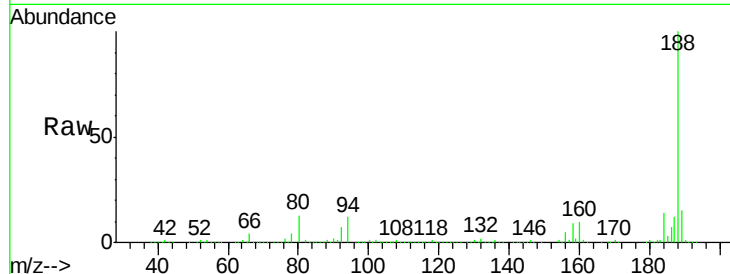




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF090147.D
Acq: 20 Sep 2016 21:26

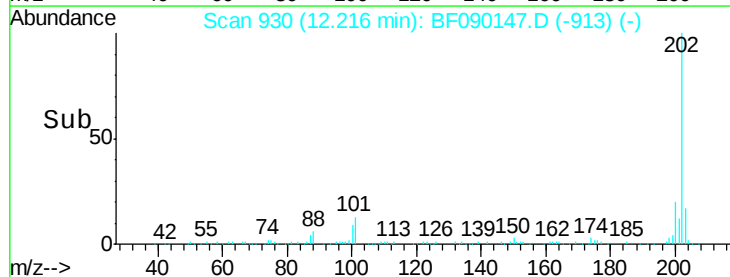
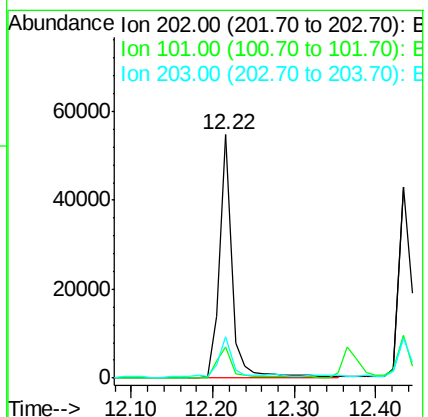
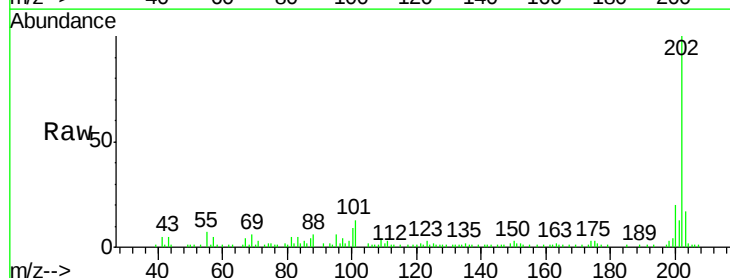
Instrument :
BNA_F
ClientSampleId :
GWB-244.256-CB-SEDIMENT

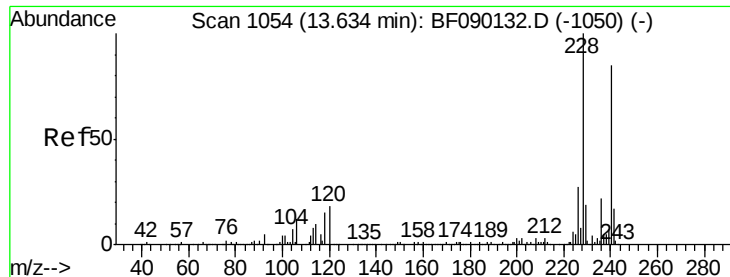
Tgt Ion:188 Resp: 488279
Ion Ratio Lower Upper
188 100
94 12.4 10.5 15.7
80 12.7 11.2 16.8



#74
Fluoranthene
Concen: 2.42 ng
RT: 12.22 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF090147.D
Acq: 20 Sep 2016 21:26

Tgt Ion:202 Resp: 59203
Ion Ratio Lower Upper
202 100
101 12.7 0.0 36.1
203 16.8 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090147.D

Acq: 20 Sep 2016 21:26

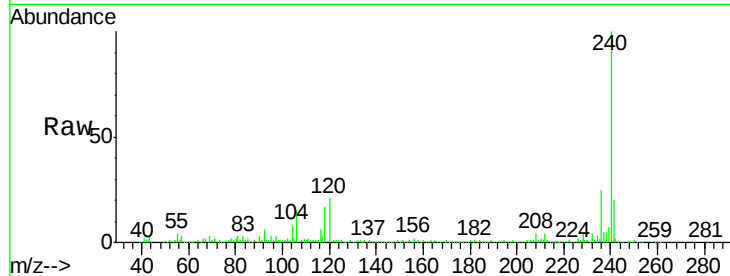
Instrument :

BNA_F

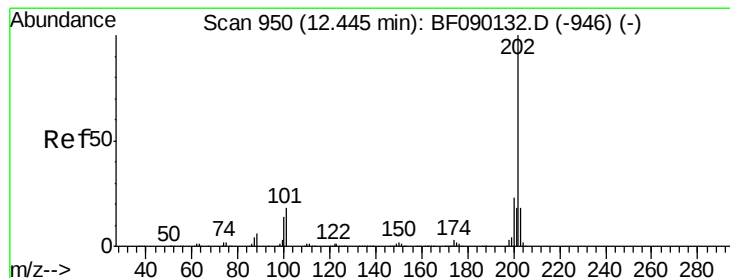
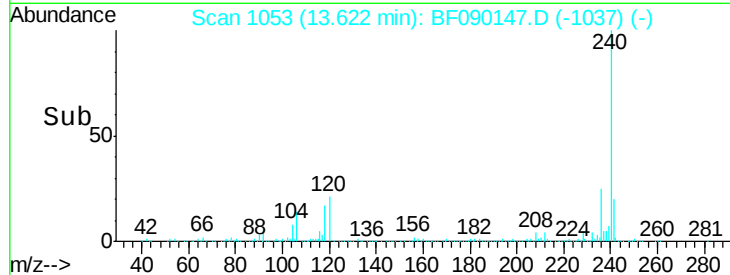
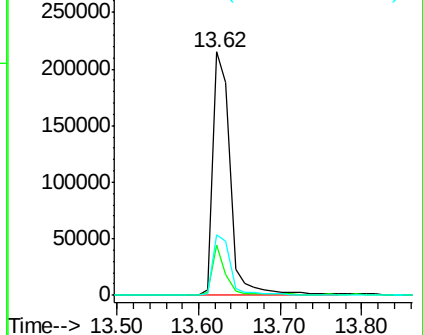
ClientSampleId :

GWB-244.256-CB-SEDIMENT

Tgt Ion:	240	Resp:	323651
Ion	Ratio	Lower	Upper
240	100		
120	20.8	10.6	16.0#
236	25.1	21.6	32.4



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: 2.18 ng

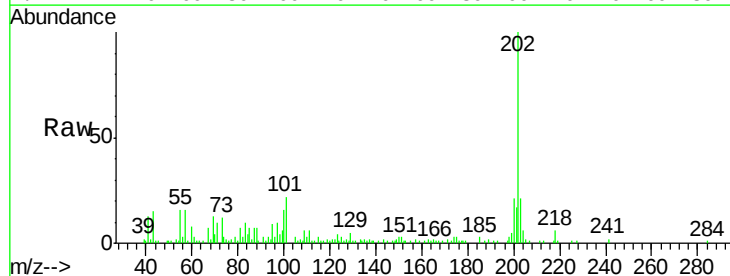
RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

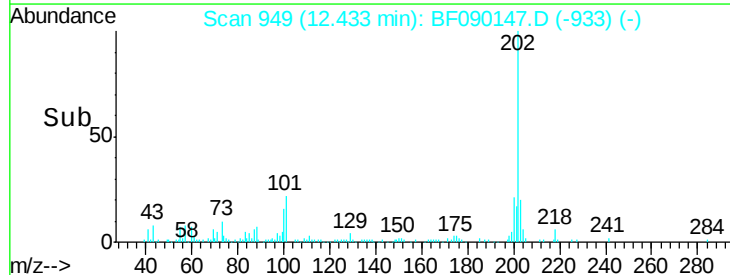
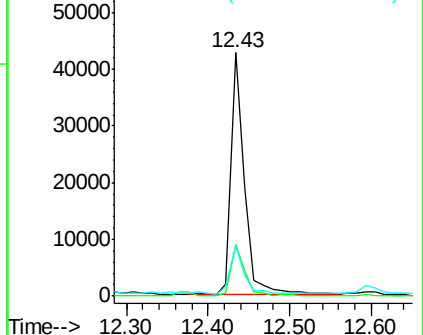
Lab File: BF090147.D

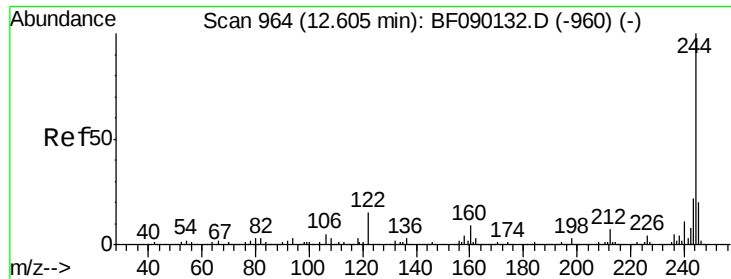
Acq: 20 Sep 2016 21:26

Tgt Ion:	202	Resp:	48357
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.9	26.9
203	20.7	14.2	21.4



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

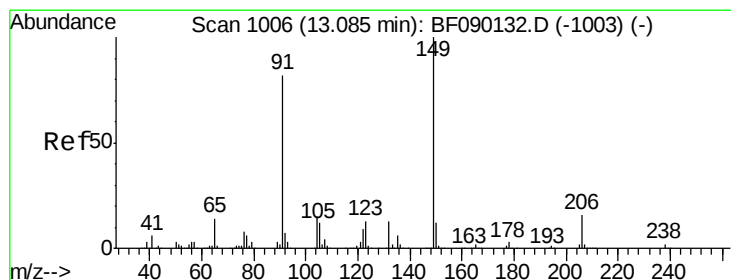
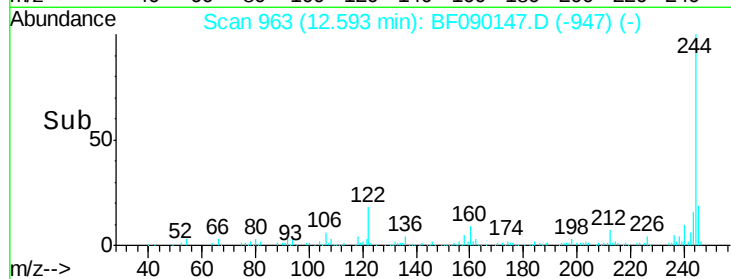
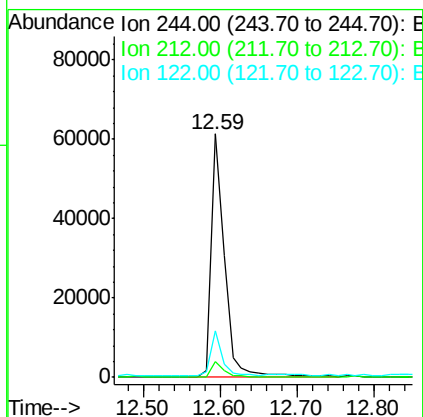
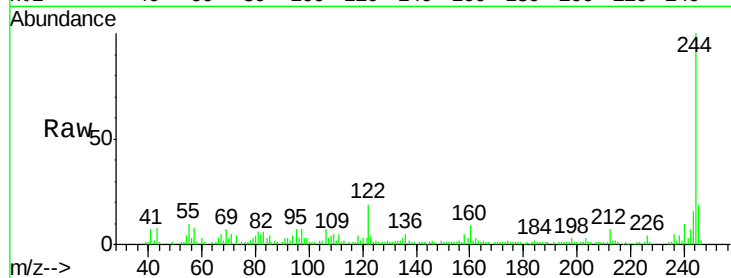




#78
 Terphenyl-d14
 Concen: 5.78 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

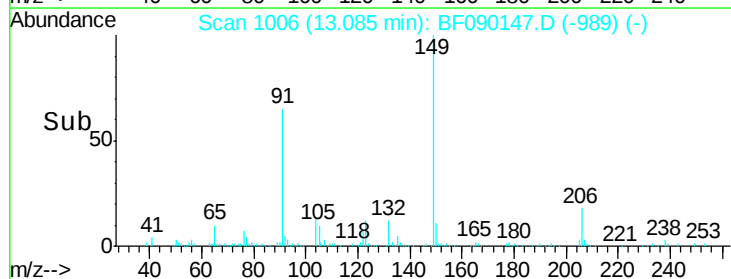
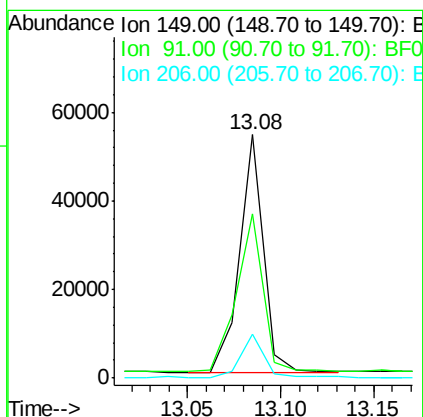
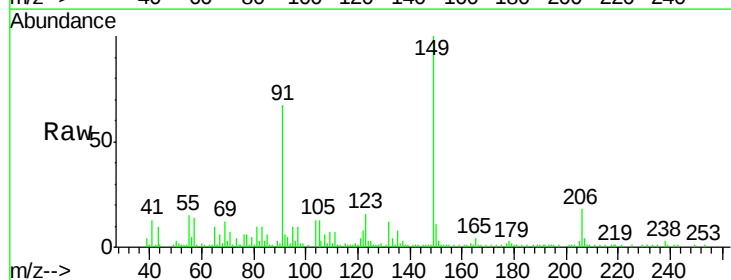
Instrument :
 BNA_F
 ClientSampleId :
 GWB-244.256-CB-SEDIMENT

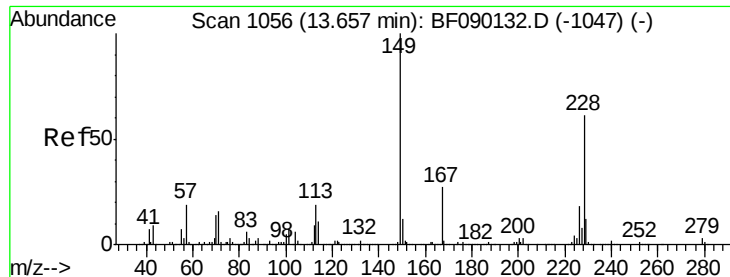
Tgt Ion:244 Resp: 73713
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 19.3 9.4 14.0#



#79
 Butylbenzylphthalate
 Concen: 4.44 ng
 RT: 13.08 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

Tgt Ion:149 Resp: 48084
 Ion Ratio Lower Upper
 149 100
 91 67.4 49.8 74.6
 206 18.0 16.3 24.5

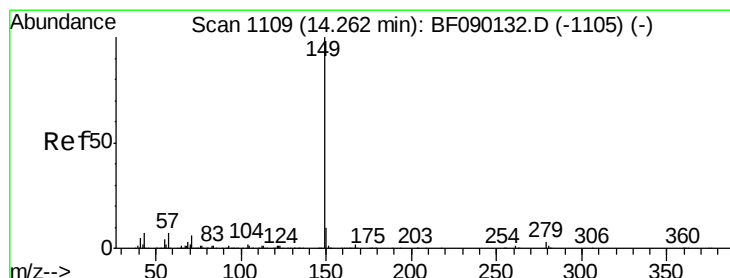
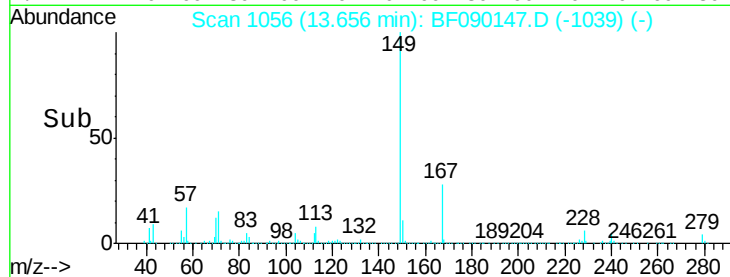
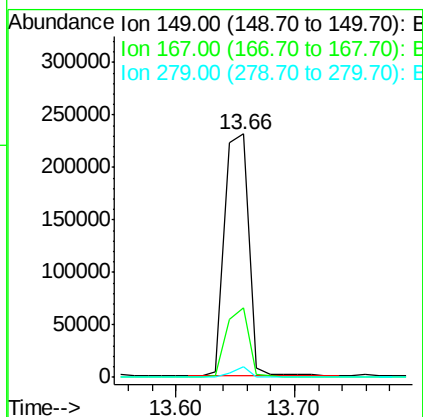
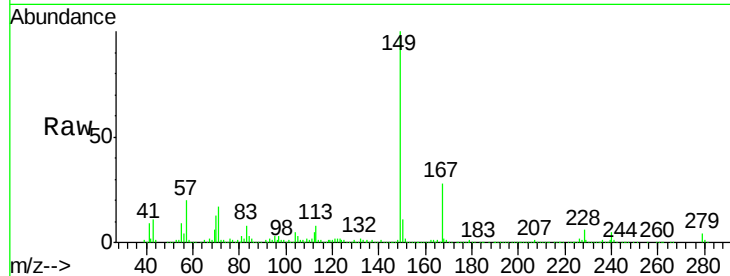




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.15 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

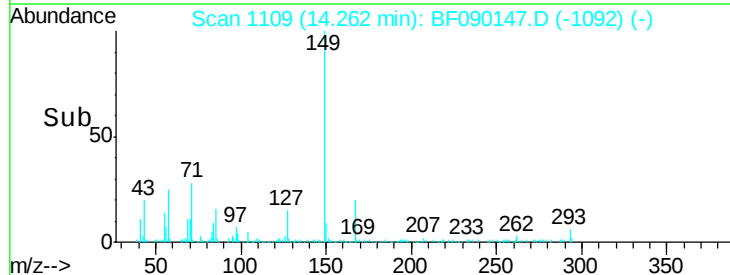
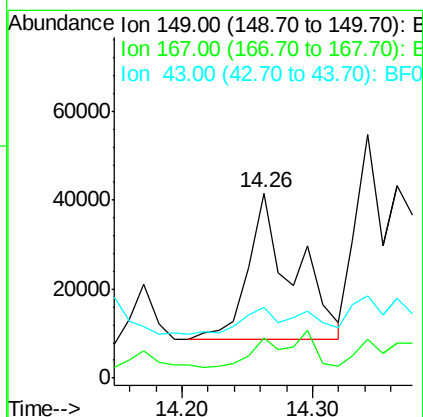
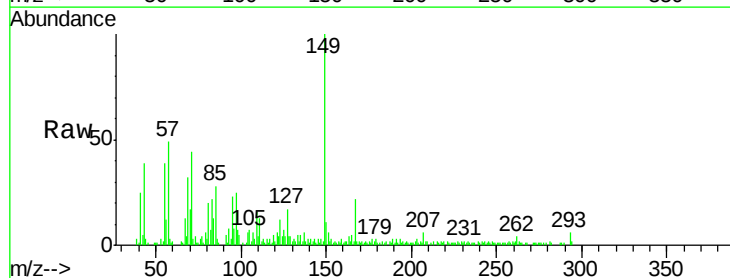
Instrument :
 BNA_F
 ClientSampleId :
 GWB-244.256-CB-SEDIMENT

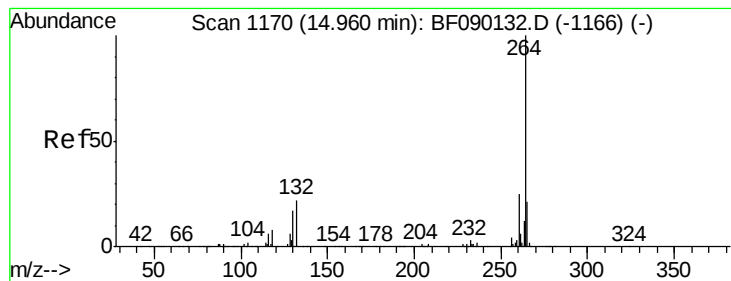
Tgt Ion:149 Resp: 320971
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.2 31.8
 279 4.4 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 3.34 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF090147.D
 Acq: 20 Sep 2016 21:26

Tgt Ion:149 Resp: 79883
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 17.2 6.8 10.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF090147.D

Acq: 20 Sep 2016 21:26

Instrument :

BNA_F

ClientSampleId :

GWB-244.256-CB-SEDIMENT

Tgt Ion:264 Resp: 320517

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.8 17.0 25.4

