

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090983.D
 Acq On : 2 Nov 2016 16:51
 Operator : UM/SJ
 Sample : H5509-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-92-9.95-23.0

Quant Time: Nov 03 01:08:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

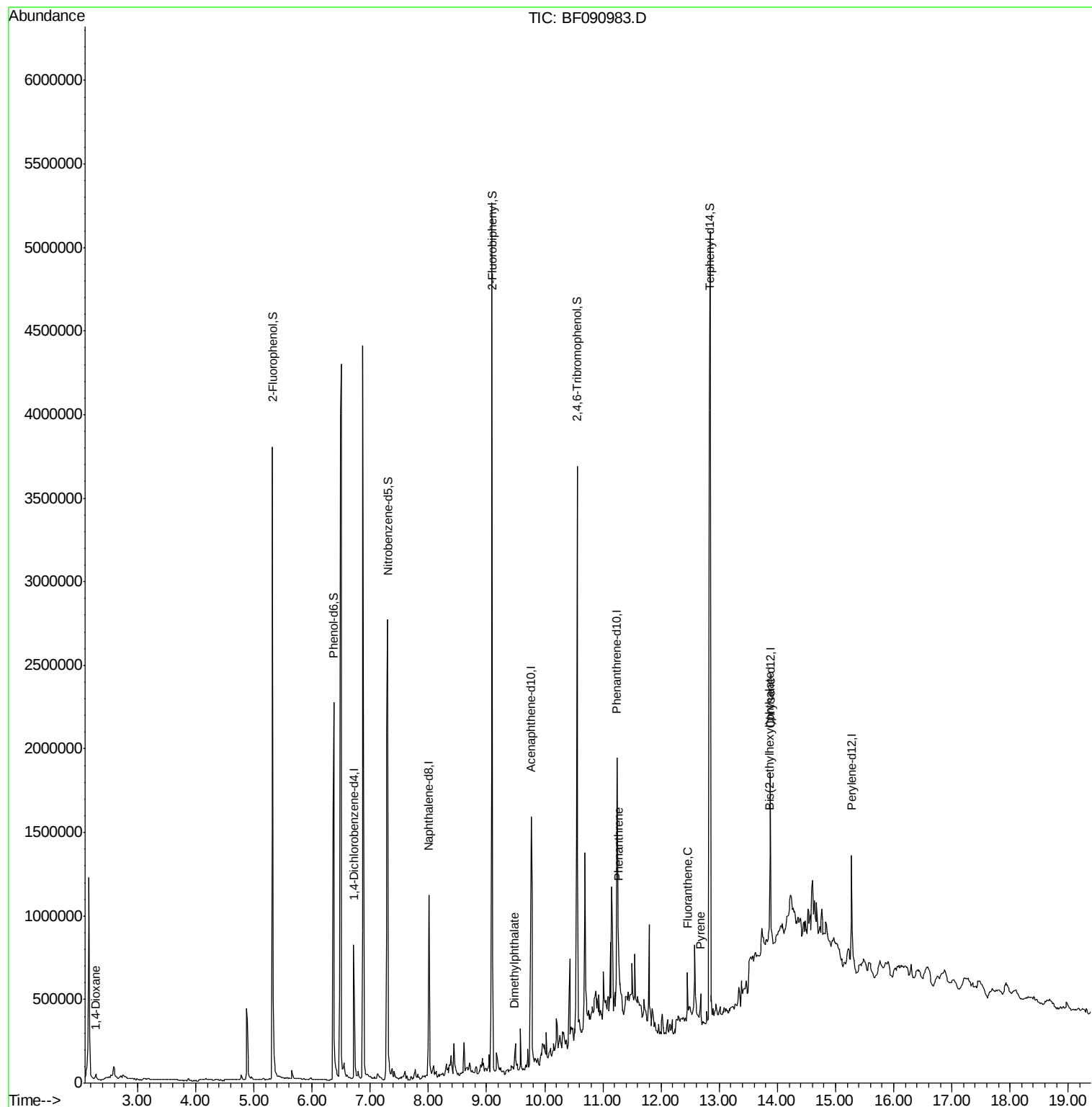
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161795	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	520556	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	291876	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	564220	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	398965	20.00	ng	-0.02
86) Perylene-d12	15.28	264	327295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1208831	130.63	ng	-0.01
7) Phenol-d6	6.37	99	1152490	92.31	ng	-0.02
23) Nitrobenzene-d5	7.30	82	1456949	183.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	683988	228.03	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	2017496	121.38	ng	-0.02
78) Terphenyl-d14	12.84	244	2294044	144.86	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	19511	4.12	ng	# 70
49) Dimethylphthalate	9.48	163	51674	2.65	ng	# 98
70) Phenanthrene	11.26	178	125354	4.36	ng	95
74) Fluoranthene	12.45	202	98718	3.14	ng	94
77) Pyrene	12.68	202	77546	3.07	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	52535	3.52	ng	# 95

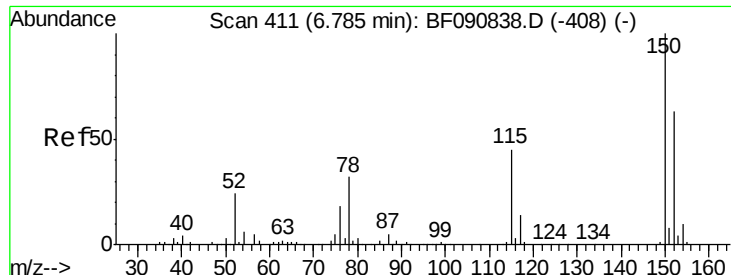
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

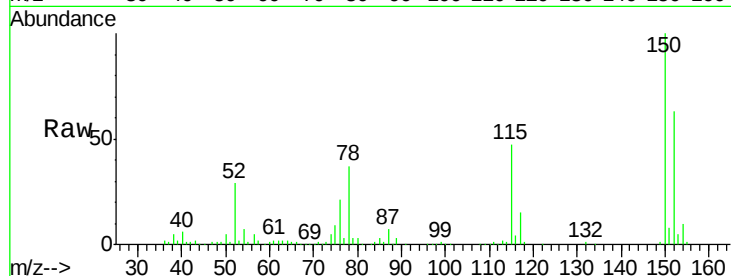
Tgt Ion:152 Resp: 161795

Ion Ratio Lower Upper

152 100

150 158.7 124.7 187.1

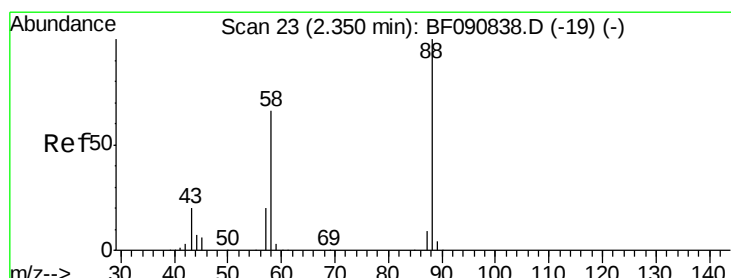
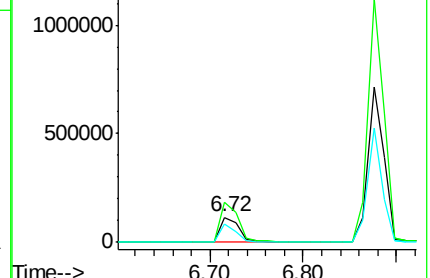
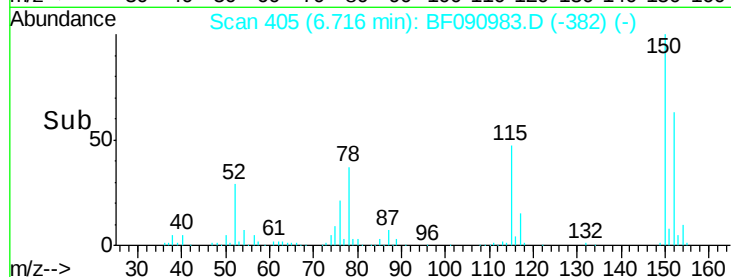
115 74.1 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 4.12 ng

RT: 2.28 min Scan# 17

Delta R.T. 0.03 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

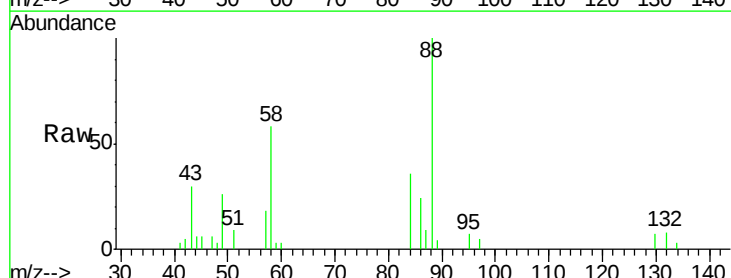
Tgt Ion: 88 Resp: 19511

Ion Ratio Lower Upper

88 100

58 60.2 77.7 116.5#

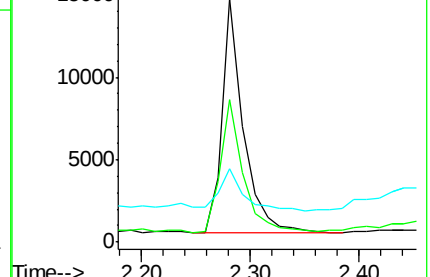
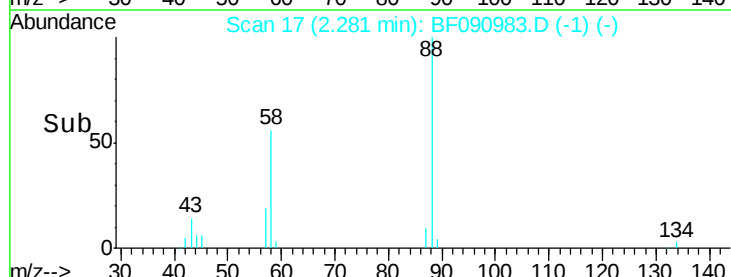
43 28.0 26.6 40.0

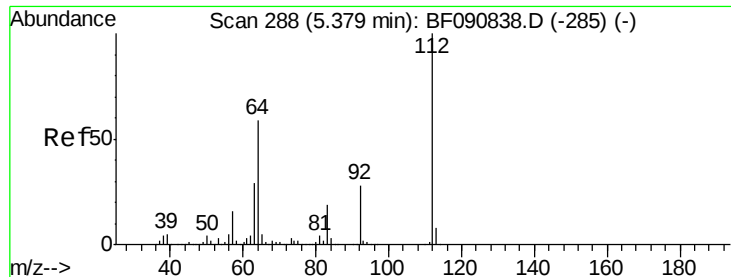


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 130.63 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

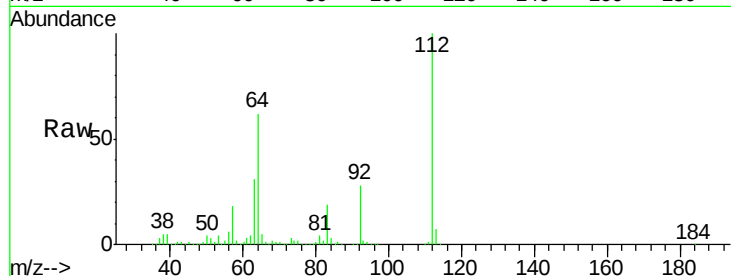
Tgt Ion: 112 Resp: 1208831

Ion Ratio Lower Upper

112 100

64 61.8 39.7 59.5#

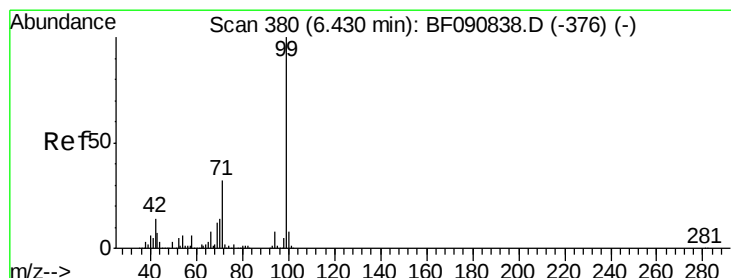
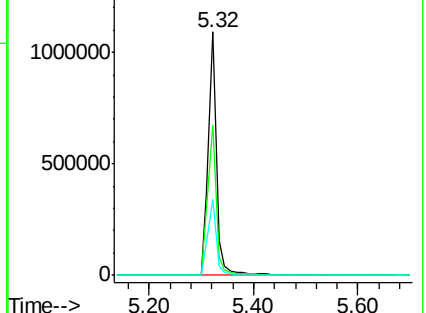
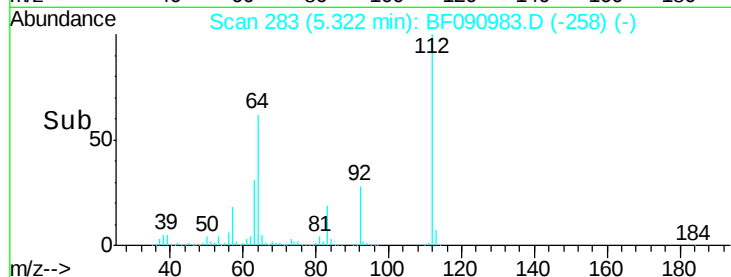
63 31.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 92.31 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

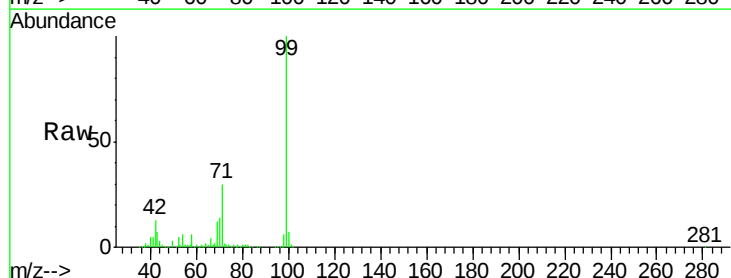
Tgt Ion: 99 Resp: 1152490

Ion Ratio Lower Upper

99 100

42 13.5 13.7 20.5#

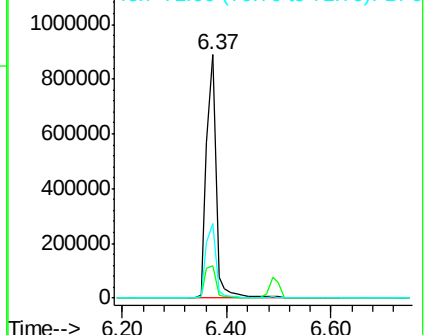
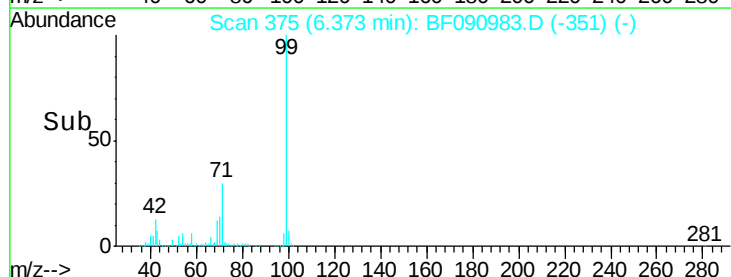
71 30.4 14.2 21.2#

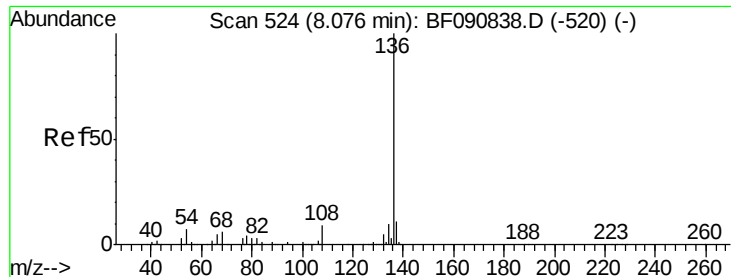


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

Tgt Ion:136 Resp: 520556

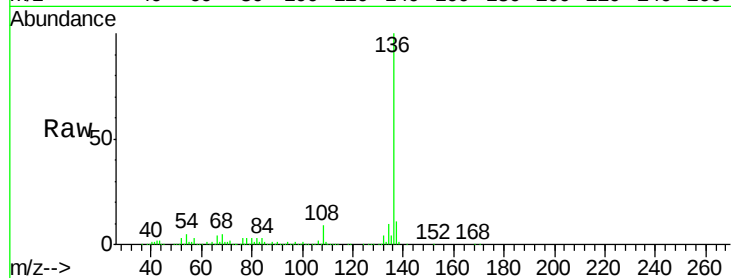
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 4.9 8.2 12.2#

68 4.7 5.8 8.6#

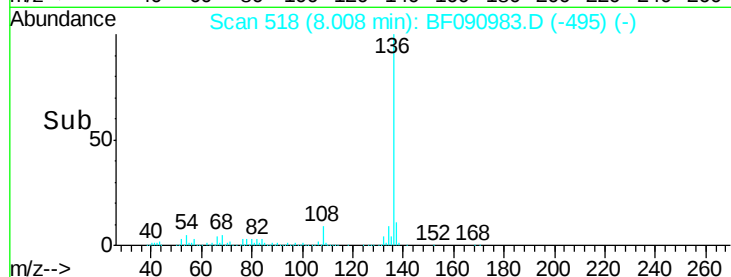


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

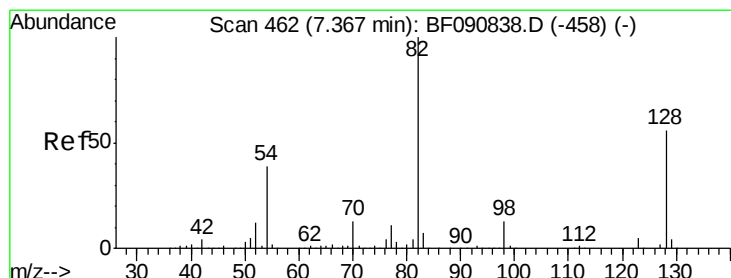
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.01



#23

Nitrobenzene-d5

Concen: 183.22 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

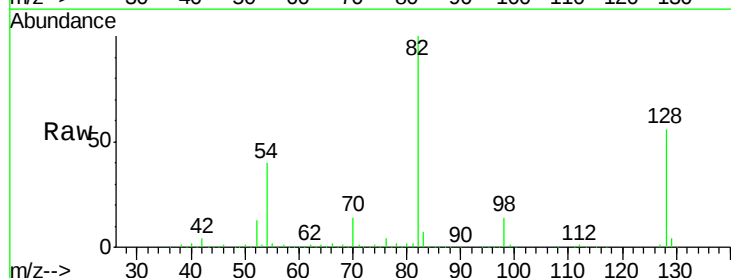
Tgt Ion: 82 Resp: 1456949

Ion Ratio Lower Upper

82 100

128 56.2 51.0 76.6

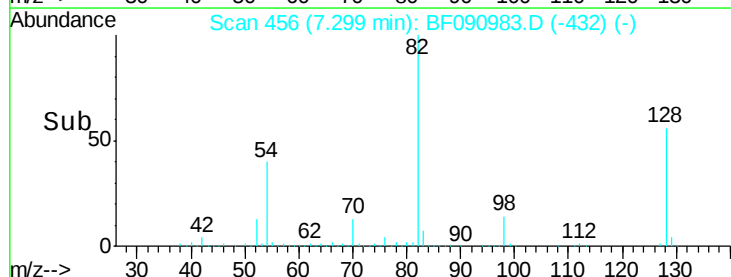
54 40.0 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

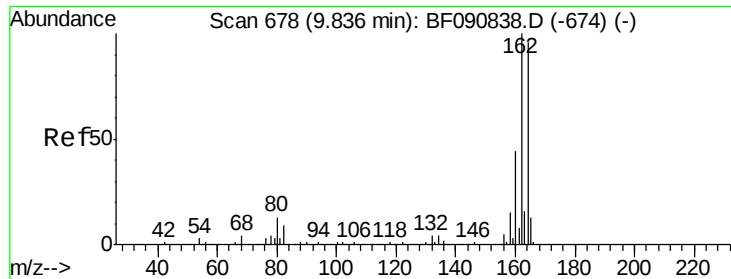
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.30



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

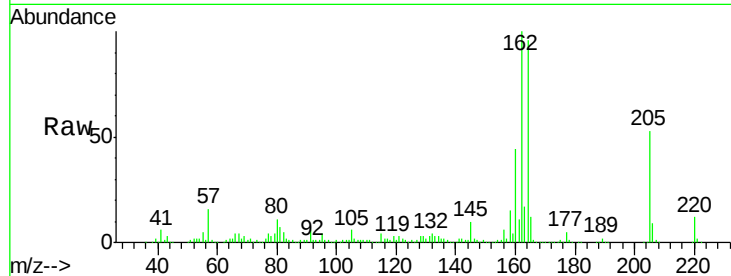
Tgt Ion:164 Resp: 291876

Ion Ratio Lower Upper

164 100

162 103.8 75.2 112.8

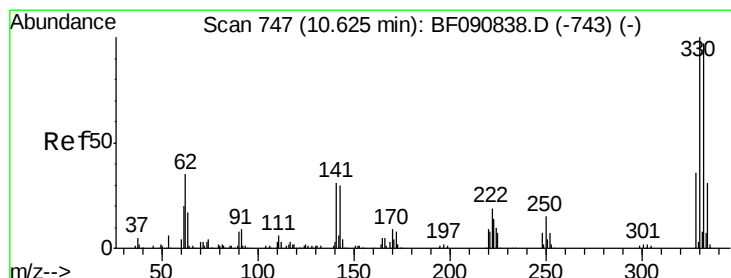
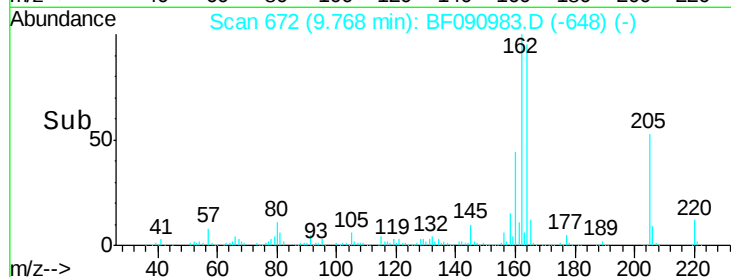
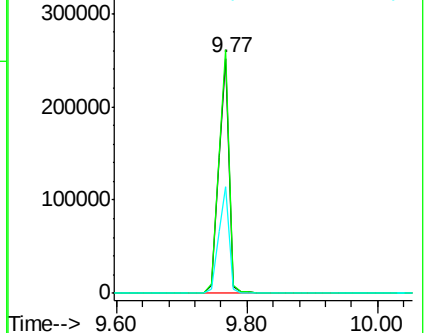
160 45.3 31.5 47.3



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: 228.03 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

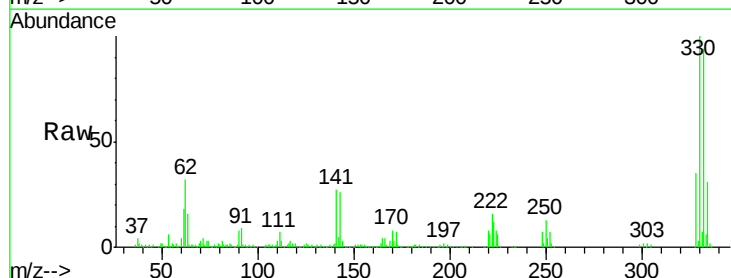
Tgt Ion:330 Resp: 683988

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

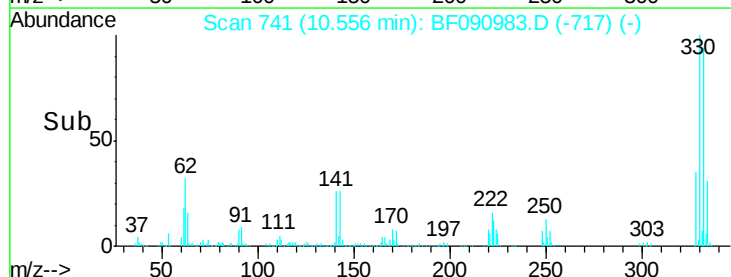
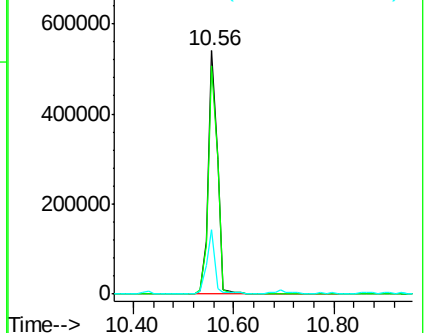
141 23.0 29.7 44.5#

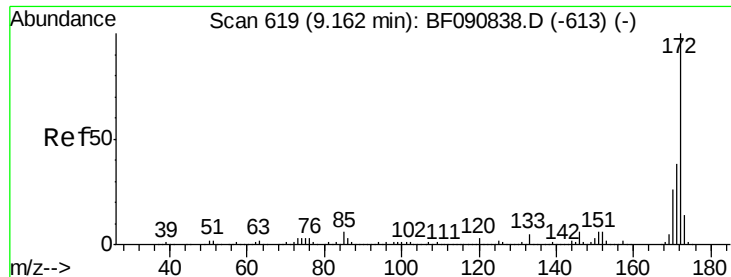


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

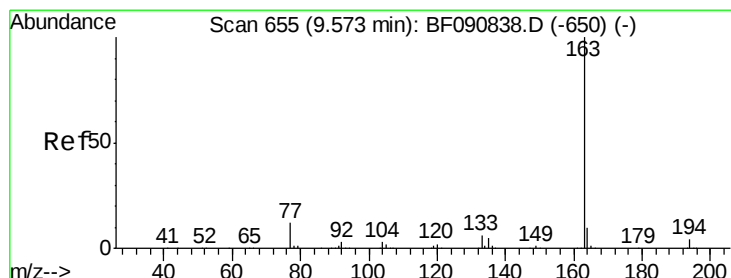
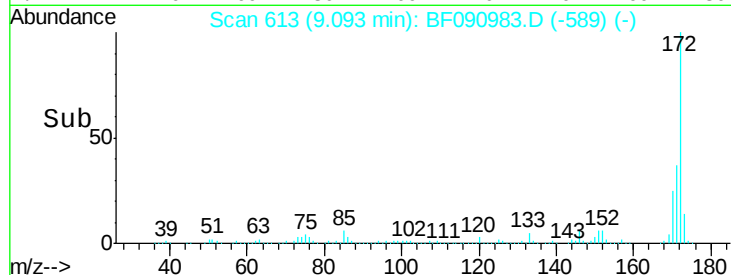
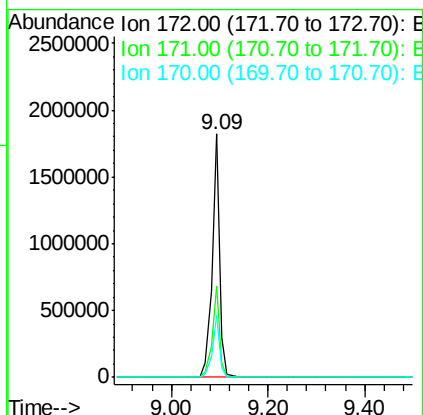
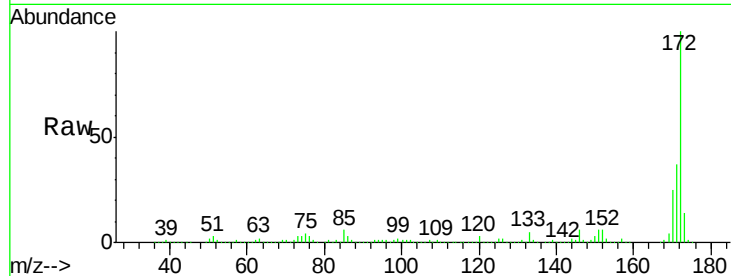




#44
 2-Fluorobiphenyl
 Concen: 121.38 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

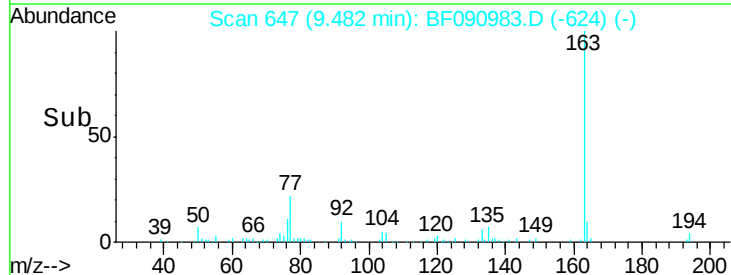
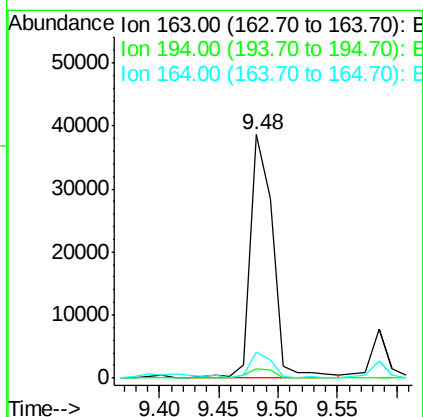
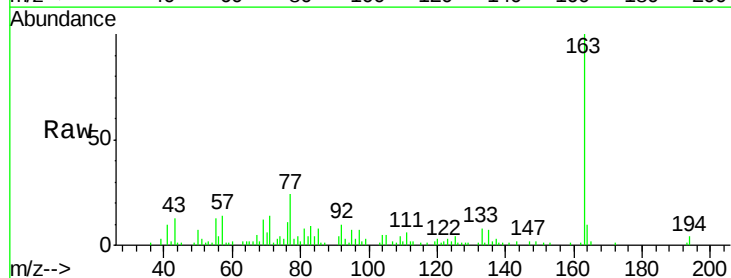
Instrument :
 BNA_F
 ClientSampleId :
 GW-92-9.95-23.0

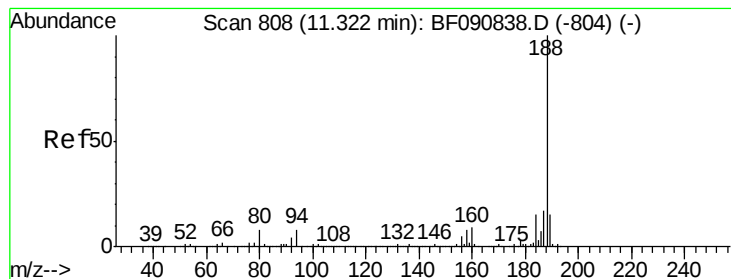
Tgt Ion:172 Resp: 2017496
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.3 17.4 26.2



#49
 Dimethylphthalate
 Concen: 2.65 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.03 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

Tgt Ion:163 Resp: 51674
 Ion Ratio Lower Upper
 163 100
 194 3.7 4.4 6.6#
 164 10.5 8.3 12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

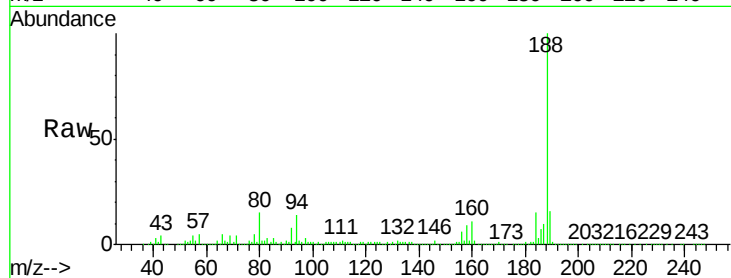
Tgt Ion:188 Resp: 564220

Ion Ratio Lower Upper

188 100

94 13.6 11.1 16.7

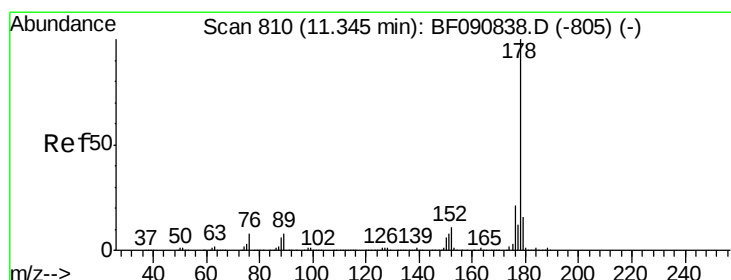
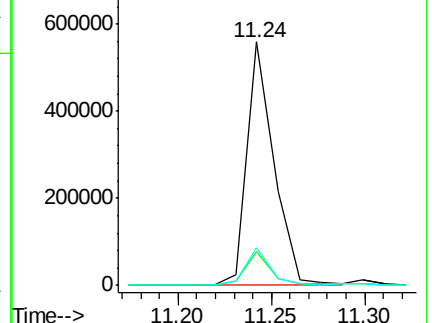
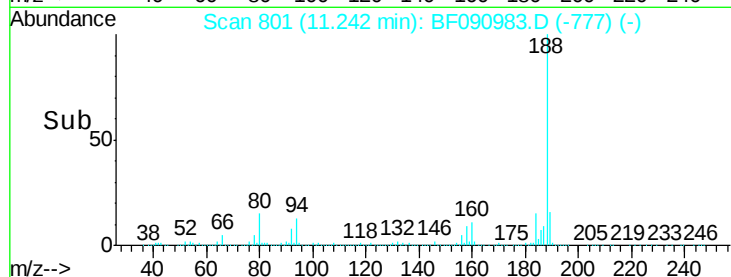
80 15.2 11.0 16.4



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: 4.36 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

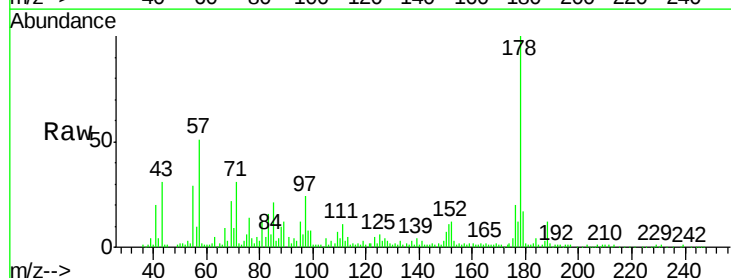
Tgt Ion:178 Resp: 125354

Ion Ratio Lower Upper

178 100

176 20.0 13.8 20.8

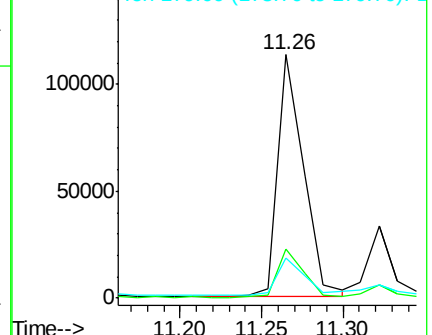
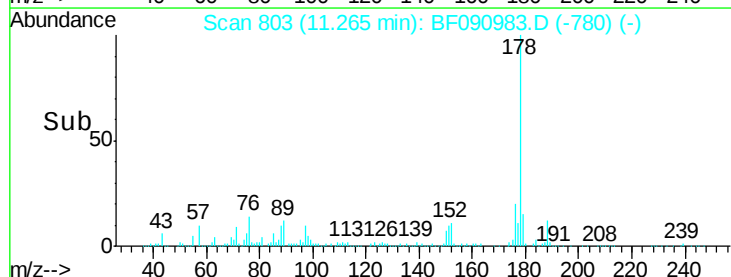
179 16.6 12.2 18.2

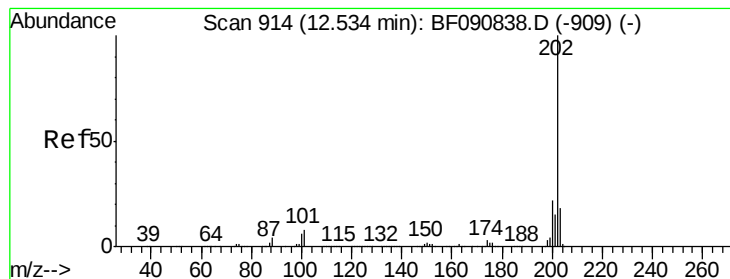


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.14 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

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GW-92-9.95-23.0

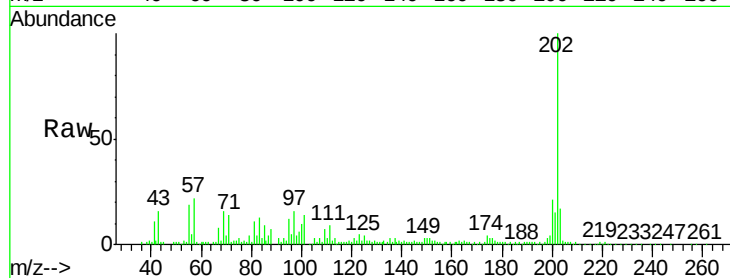
Tgt Ion:202 Resp: 98718

Ion Ratio Lower Upper

202 100

101 13.5 0.0 38.3

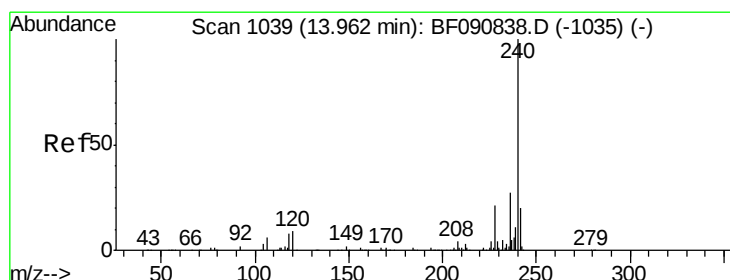
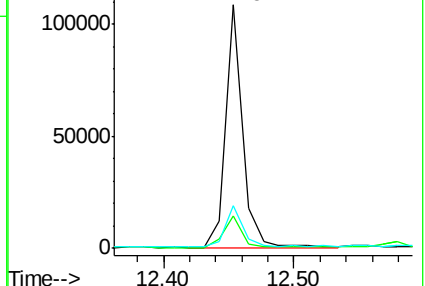
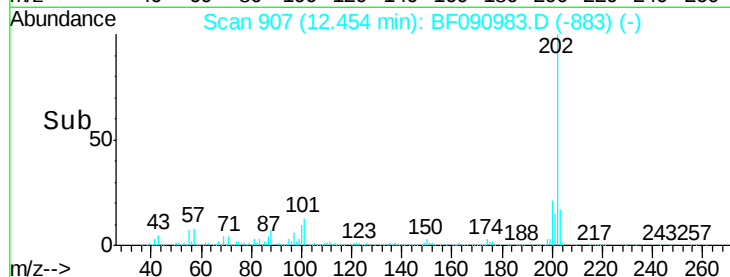
203 17.3 0.0 37.3



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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

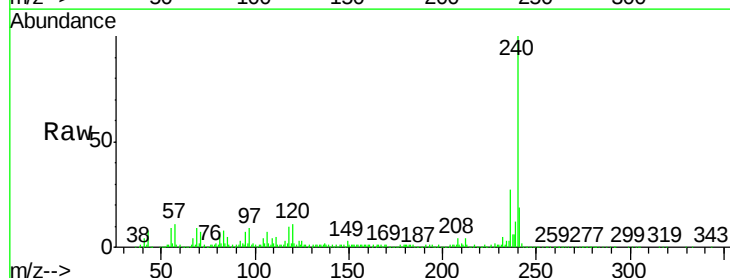
Tgt Ion:240 Resp: 398965

Ion Ratio Lower Upper

240 100

120 10.7 16.2 24.2#

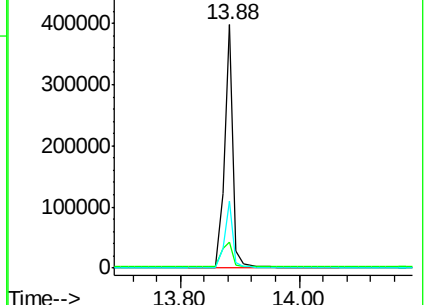
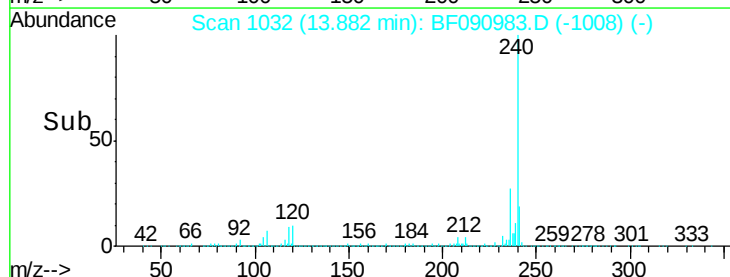
236 27.3 18.4 27.6

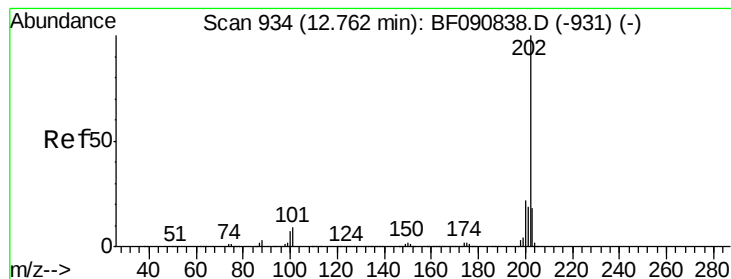


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.07 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

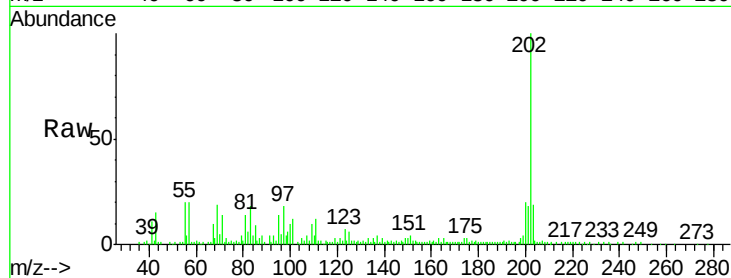
Tgt Ion:202 Resp: 77546

Ion Ratio Lower Upper

202 100

200 20.4 15.0 22.4

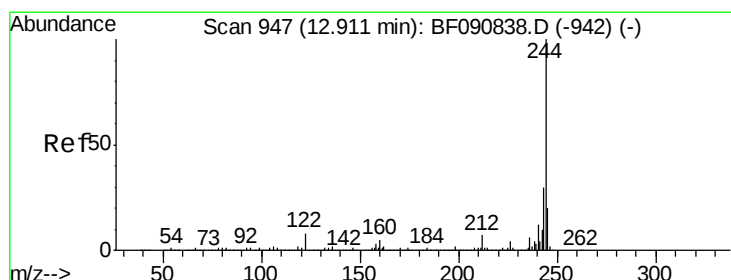
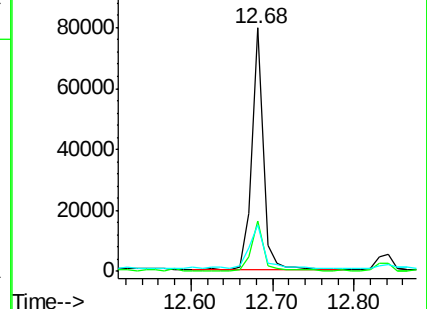
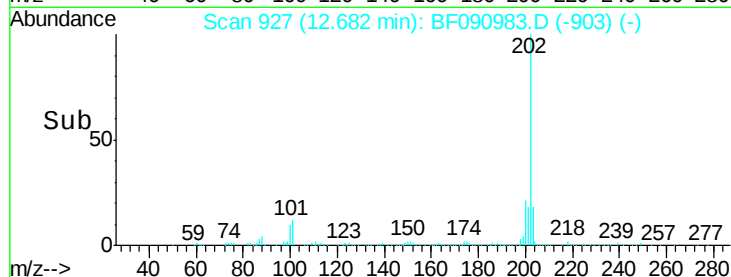
203 18.9 14.1 21.1



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: 144.86 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090983.D

Acq: 2 Nov 2016 16:51

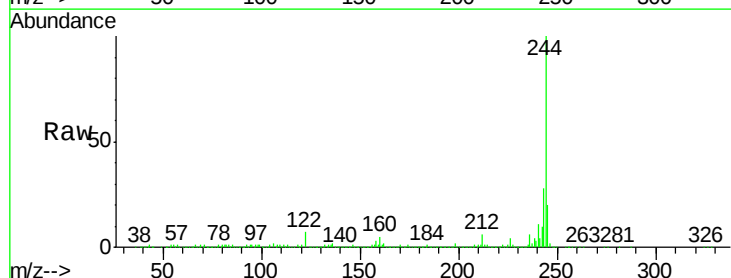
Tgt Ion:244 Resp: 2294044

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

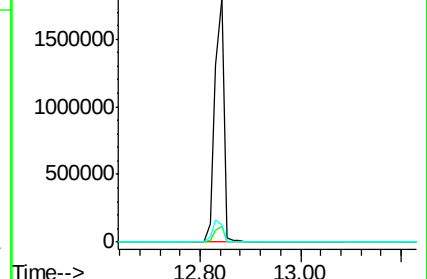
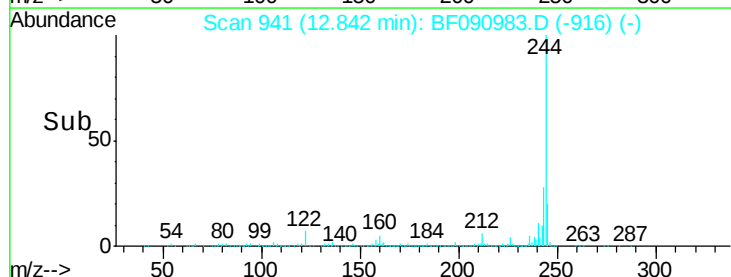
122 6.9 17.4 26.2#

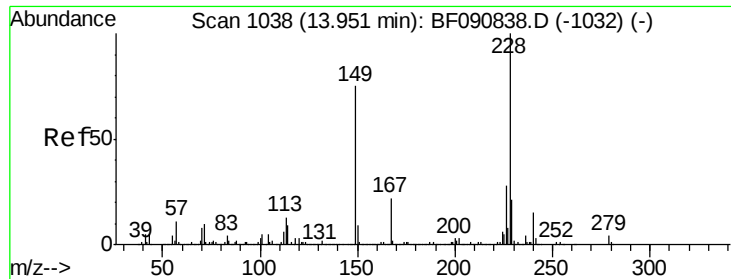


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

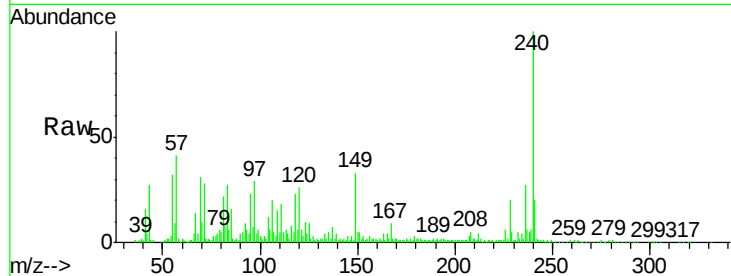




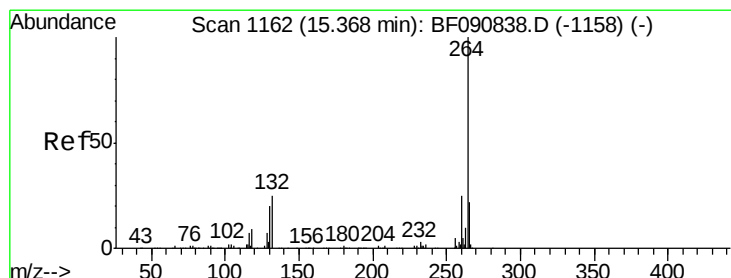
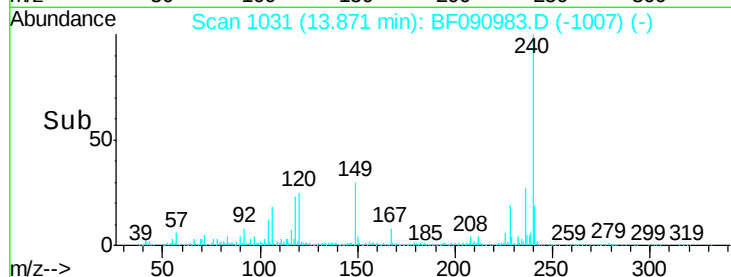
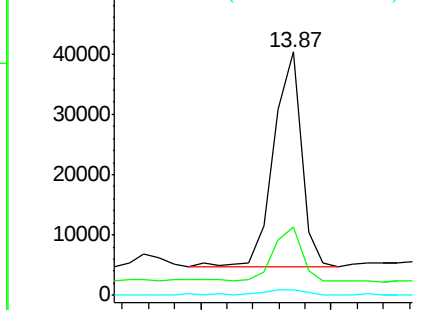
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.52 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-92-9.95-23.0

Tgt Ion:149 Resp: 52535
 Ion Ratio Lower Upper
 149 100
 167 27.8 24.2 36.2
 279 2.1 3.8 5.6#

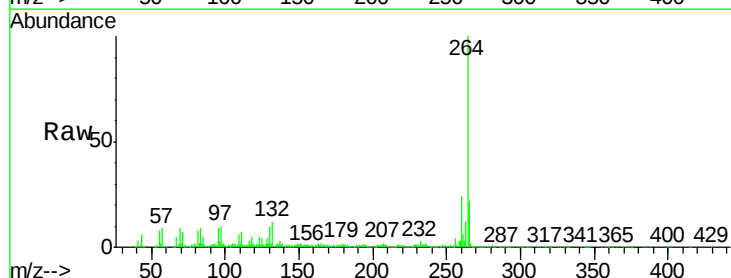


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

Tgt Ion:264 Resp: 327295
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

