

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 02 23:10:51 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

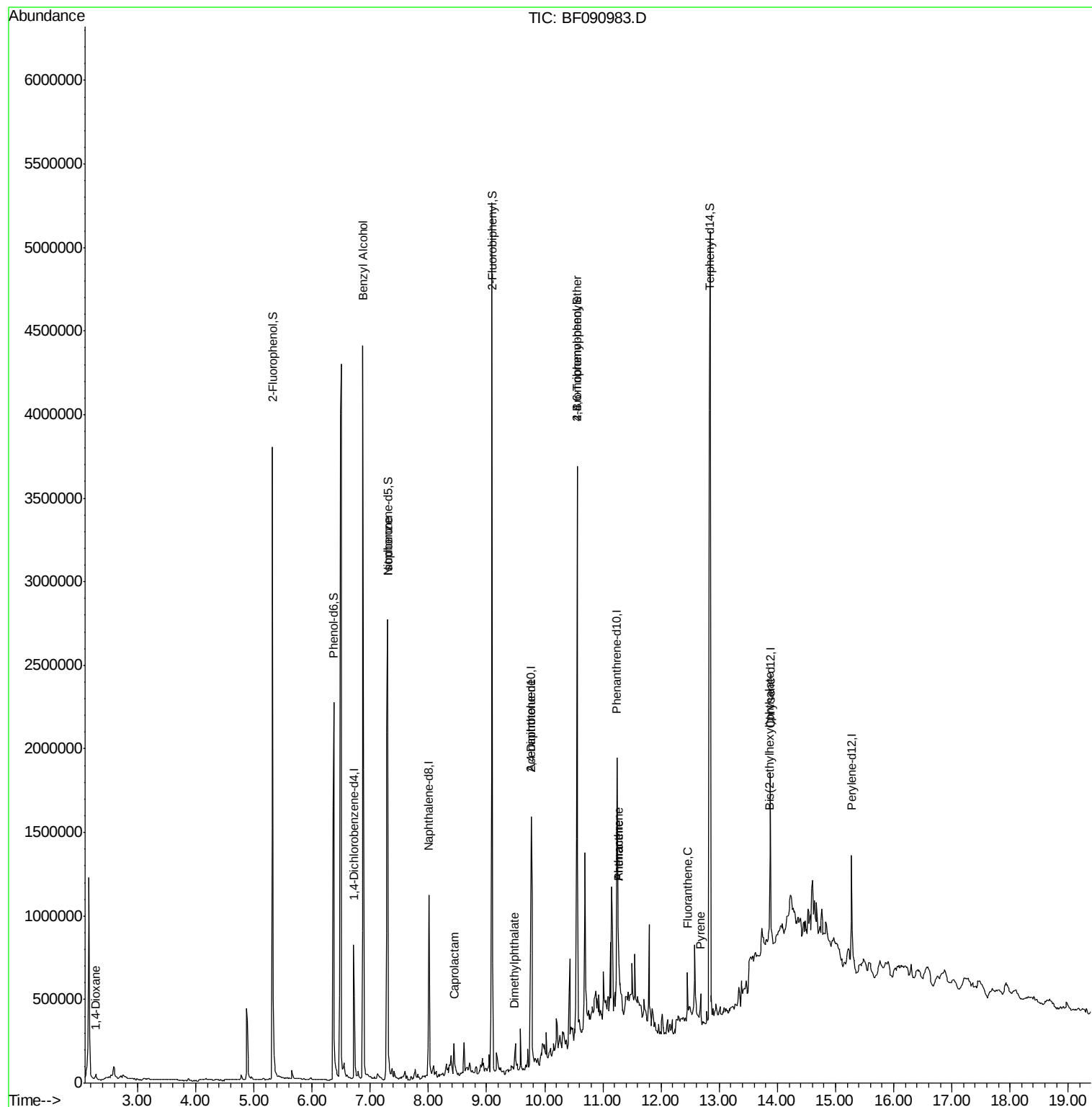
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161795	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	520556	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	291876	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	564220	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	398965	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						
2) 1,4-Dioxane	2.28	88	19511	4.12	ng	# 70
15) Benzyl Alcohol	6.88	79	25644	3.13	ng	# 33
25) Isophorone	7.30	82	1253254	77.66	ng	# 58
35) Caprolactam	8.44	113	7864	3.75	ng	# 66
49) Dimethylphthalate	9.48	163	51674	2.65	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	42282	7.90	ng	# 39
66) 4-Bromophenyl-phenylether	10.56	248	38163	6.18	ng	# 1
70) Phenanthrene	11.26	178	125354	4.36	ng	95
71) Anthracene	11.26	178	125354	4.14	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

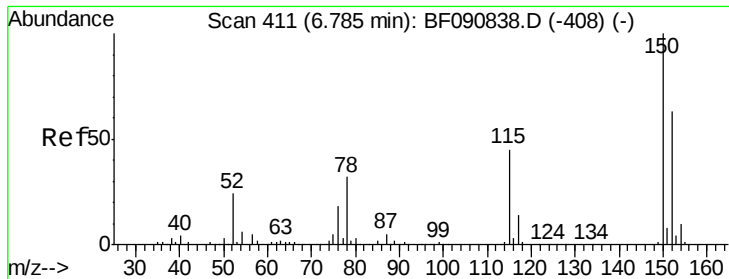
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

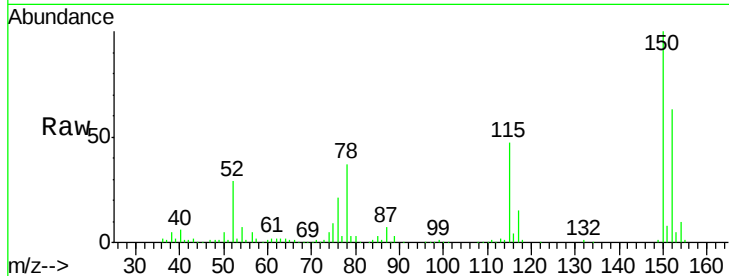
Tgt Ion:152 Resp: 161795

Ion Ratio Lower Upper

152 100

150 158.7 124.7 187.1

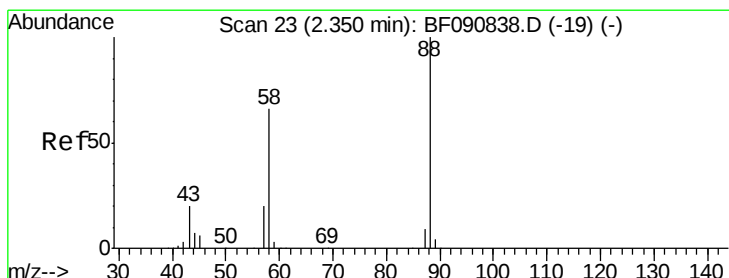
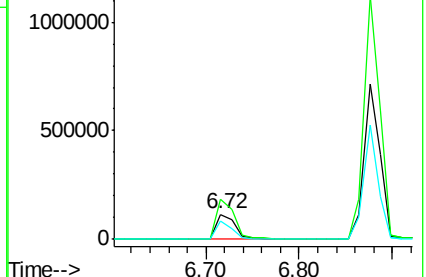
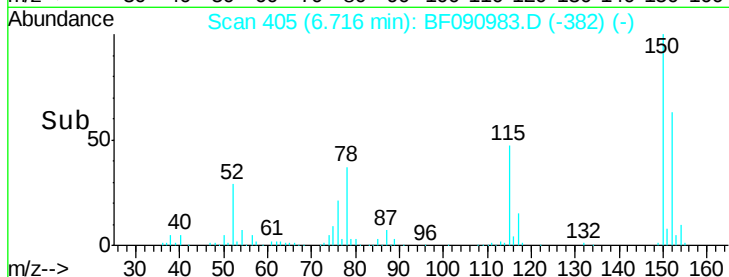
115 74.1 39.0 58.4#



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

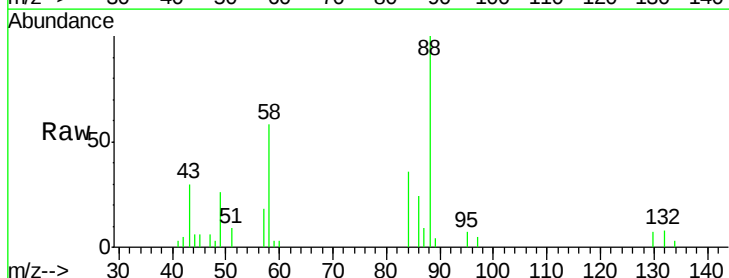
Tgt Ion: 88 Resp: 19511

Ion Ratio Lower Upper

88 100

58 60.2 77.7 116.5#

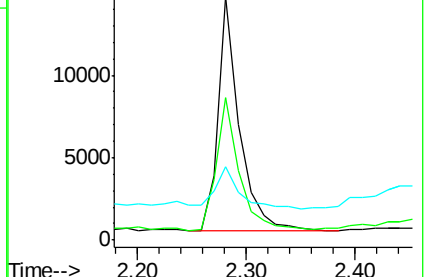
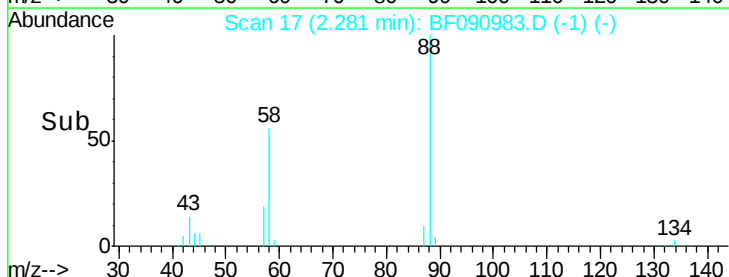
43 28.0 26.6 40.0

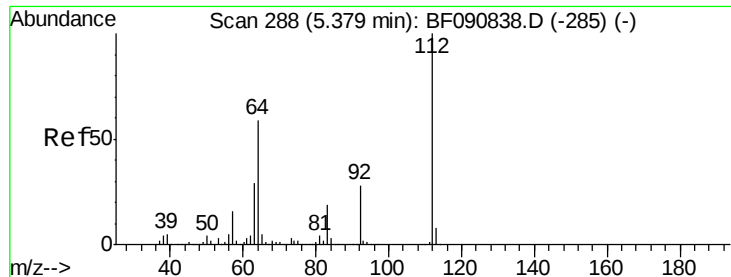


Abundance Ion 88.00 (87.70 to 88.70): BF0

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 :

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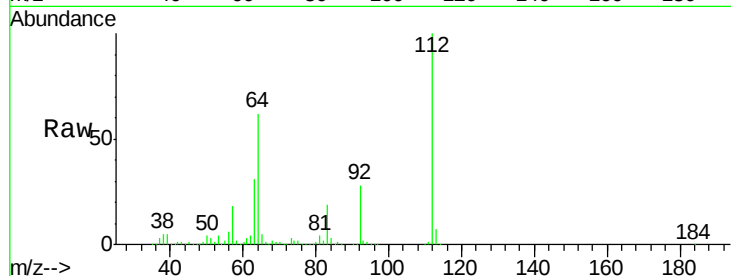
Tgt Ion: 112 Resp: 1208831

Ion Ratio Lower Upper

112 100

64 61.8 39.7 59.5#

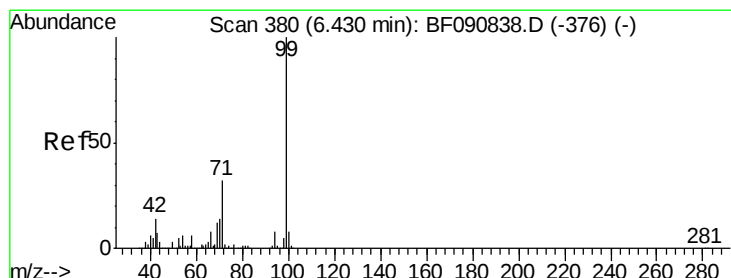
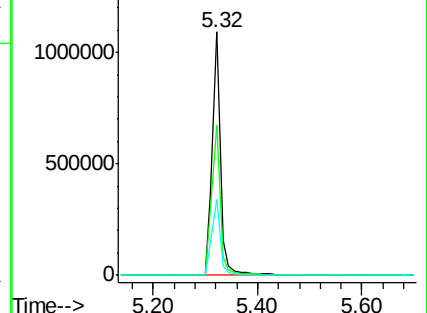
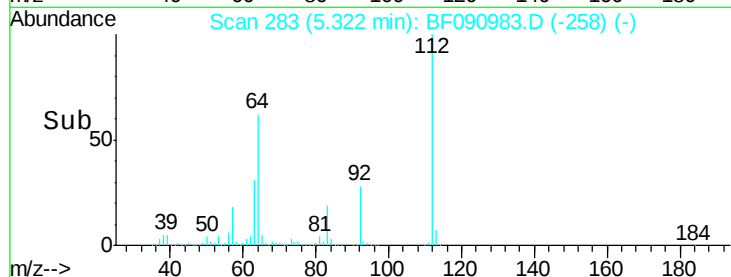
63 31.0 17.4 26.0#



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

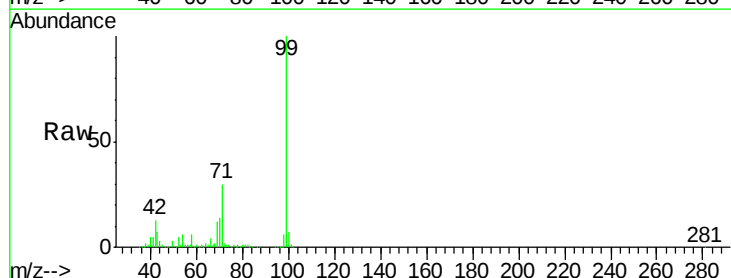
Tgt Ion: 99 Resp: 1152490

Ion Ratio Lower Upper

99 100

42 13.5 13.7 20.5#

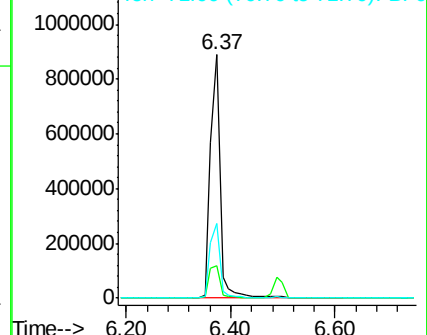
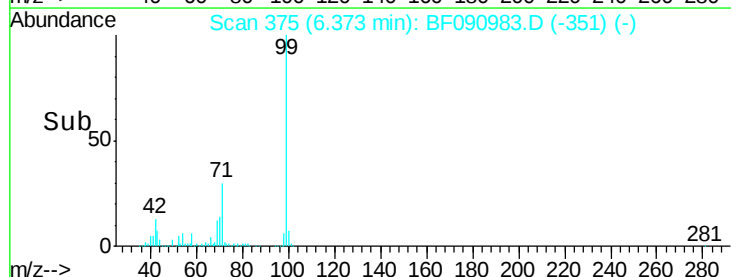
71 30.4 14.2 21.2#

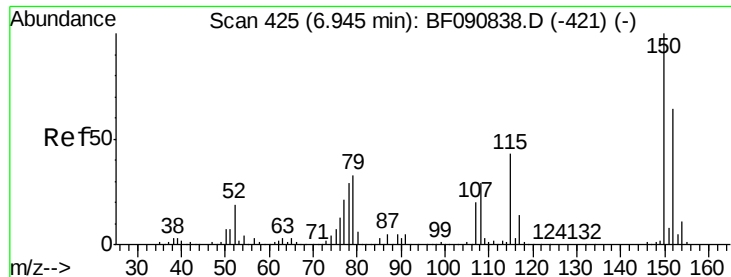


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

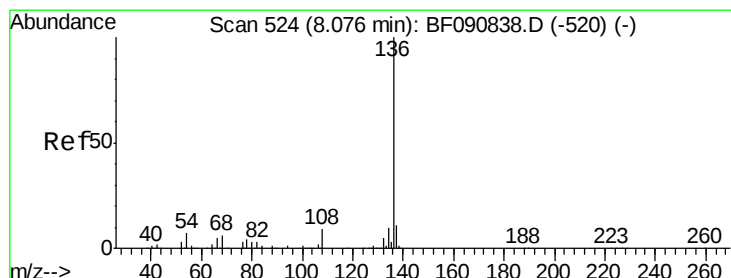
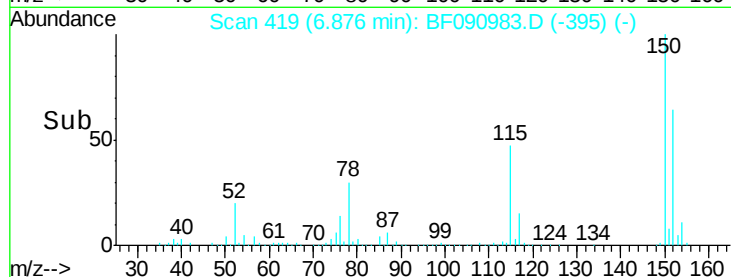
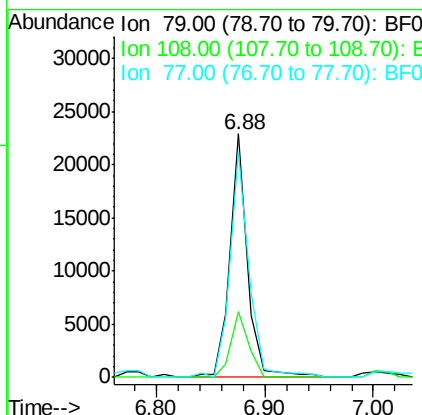
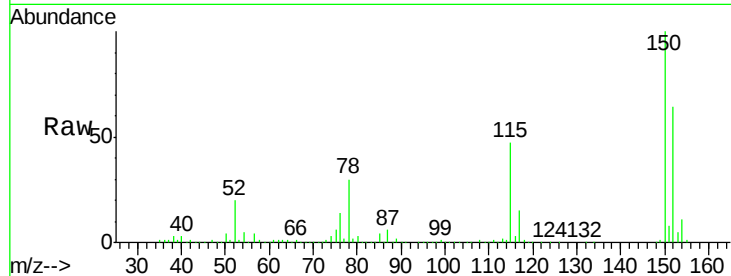




#15
Benzyl Alcohol
Concen: 3.13 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF090983.D
Acq: 2 Nov 2016 16:51

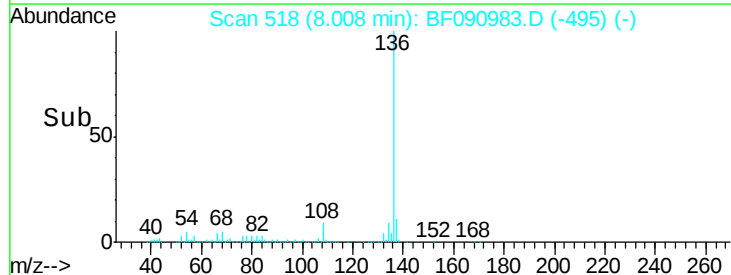
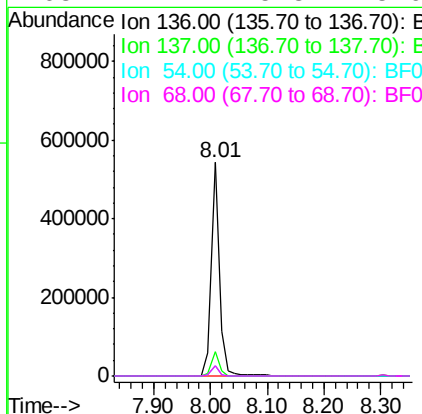
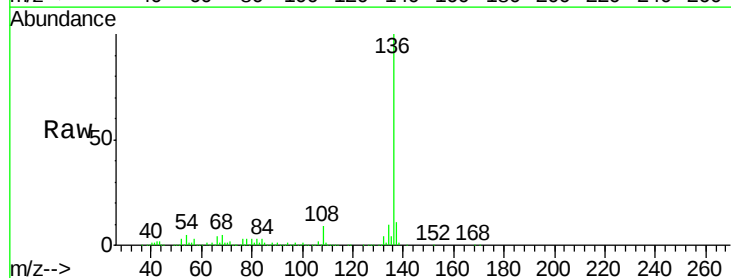
Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0

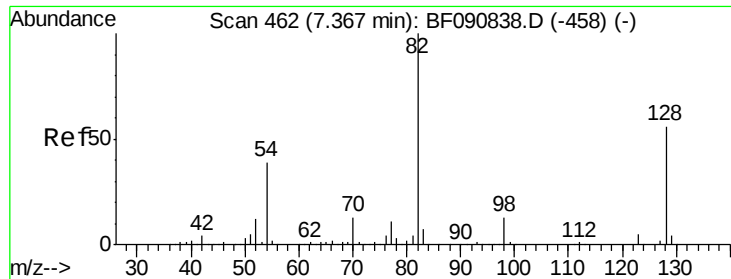
Tgt Ion: 79 Resp: 25644
Ion Ratio Lower Upper
79 100
108 26.9 88.6 132.8#
77 92.6 47.0 70.4#



#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

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#

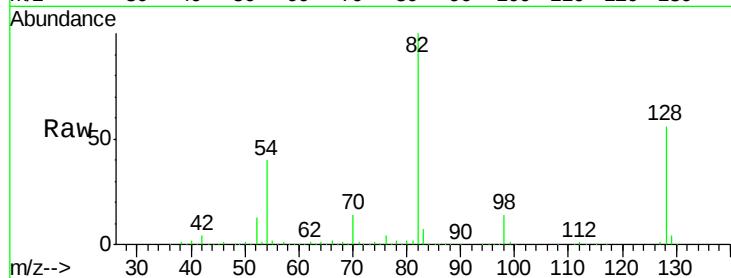




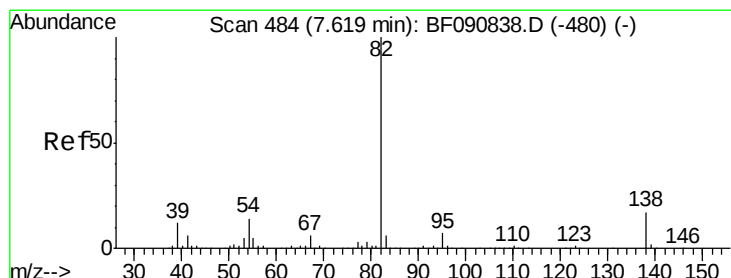
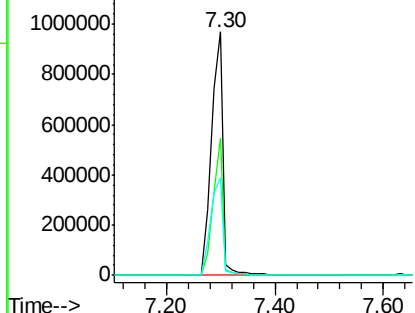
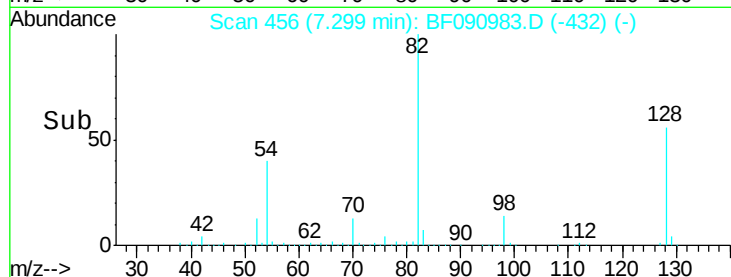
#23
 Nitrobenzene-d5
 Concen: 183.22 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

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

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#

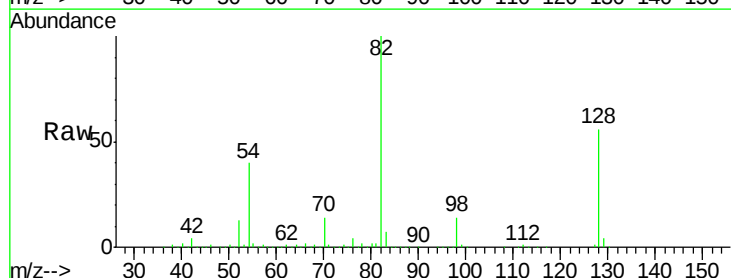


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

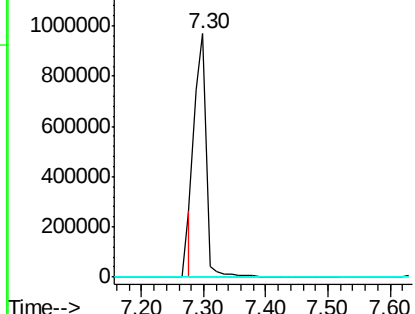
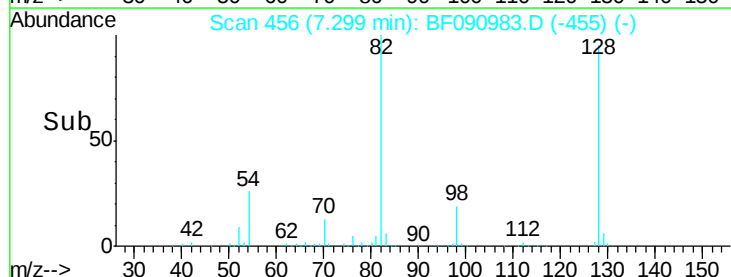


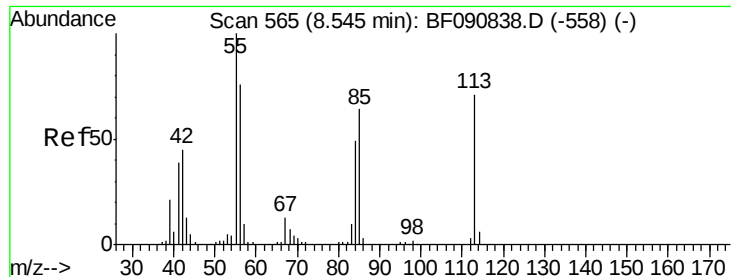
#25
 Isophorone
 Concen: 77.66 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

Tgt Ion: 82 Resp: 1253254
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

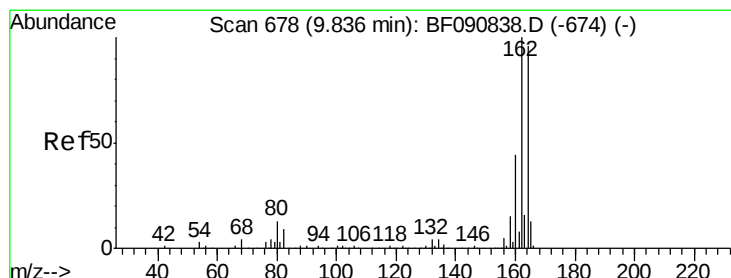
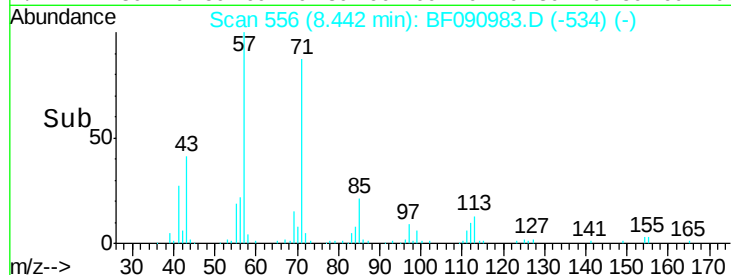
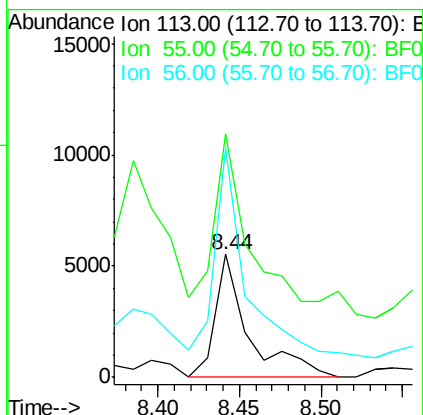
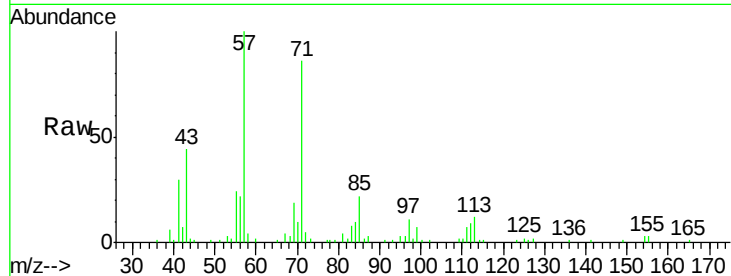




#35
 Caprolactam
 Concen: 3.75 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.05 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

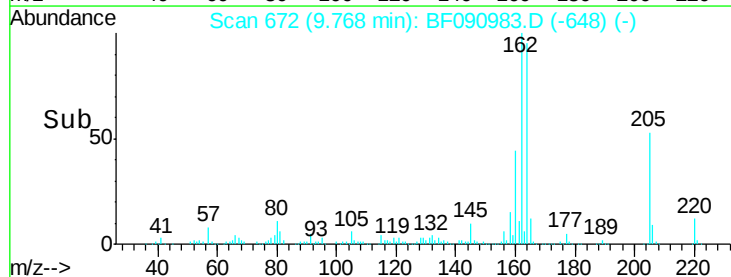
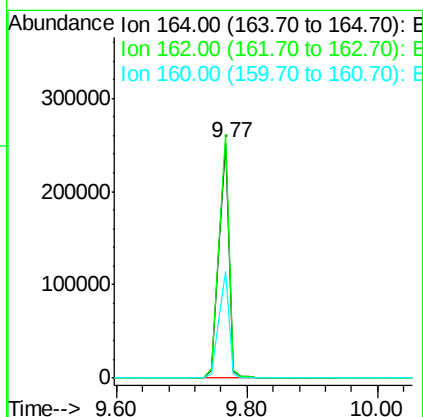
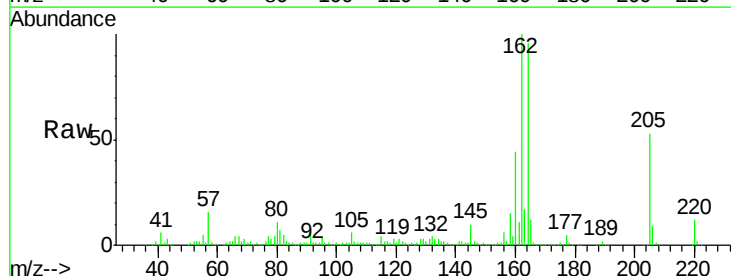
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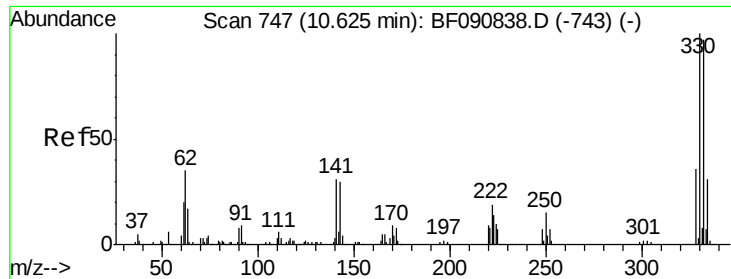
Tgt Ion:113 Resp: 7864
 Ion Ratio Lower Upper
 113 100
 55 197.9 152.4 192.4#
 56 186.7 104.6 144.6#



#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

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

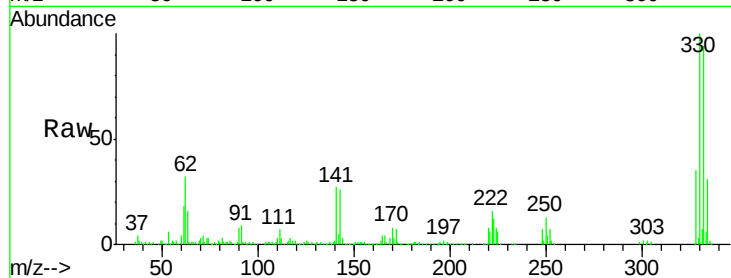




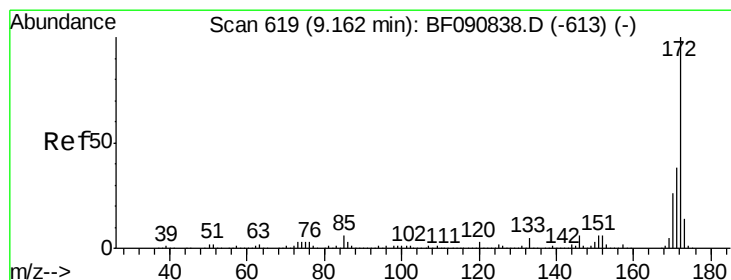
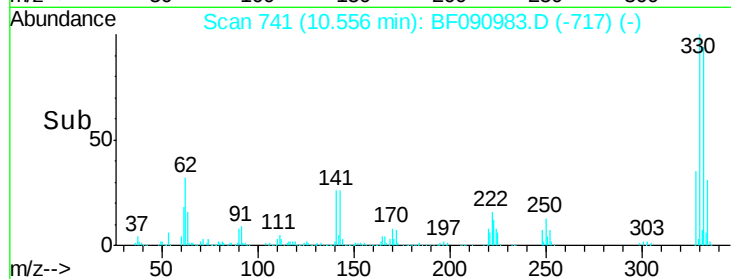
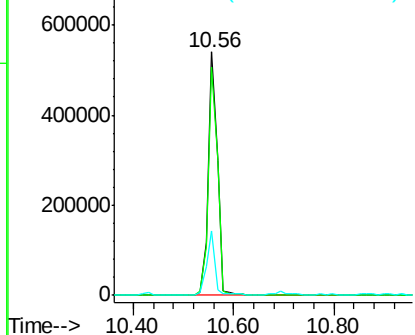
#41
 2,4,6-Tribromophenol
 Concen: 228.03 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

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

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#

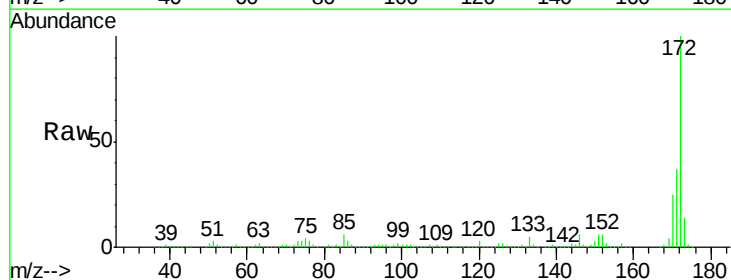


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

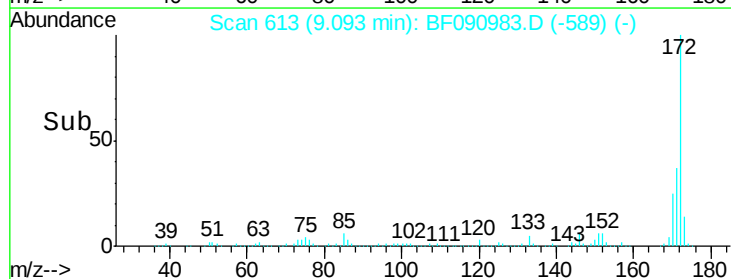
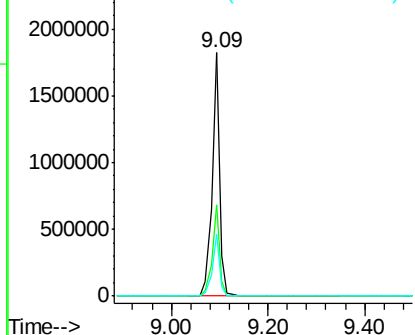


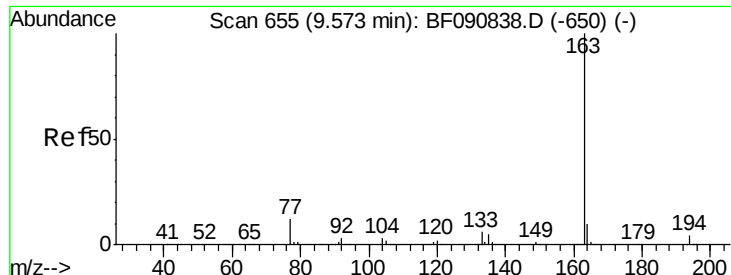
#44
 2-Fluorobiphenyl
 Concen: 121.38 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

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



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

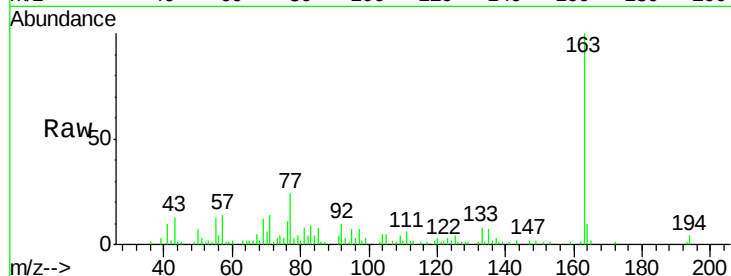




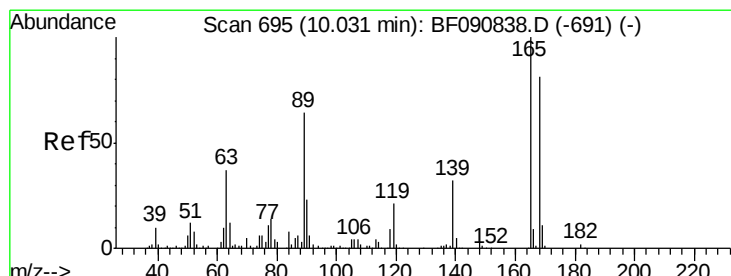
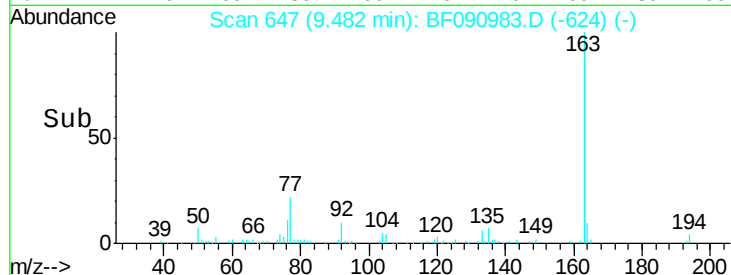
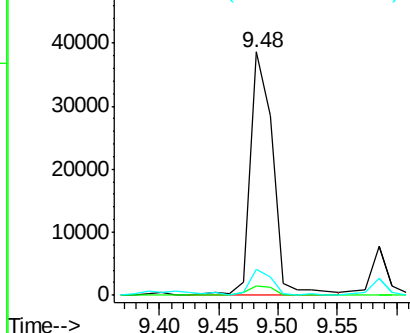
#49
Dimethylphthalate
Concen: 2.65 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF090983.D
Acq: 2 Nov 2016 16:51

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

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

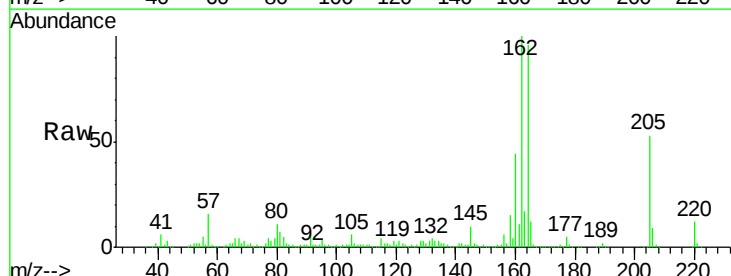


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

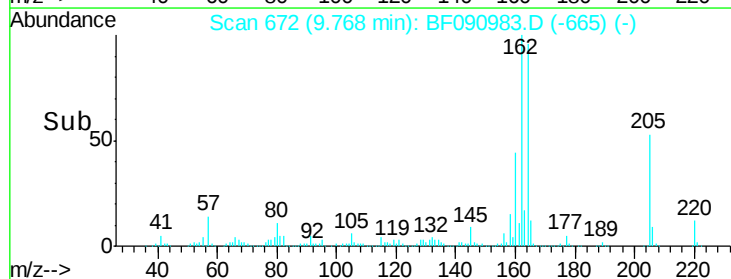
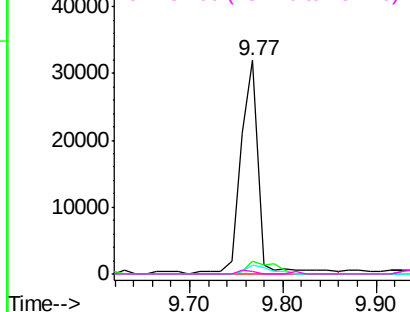


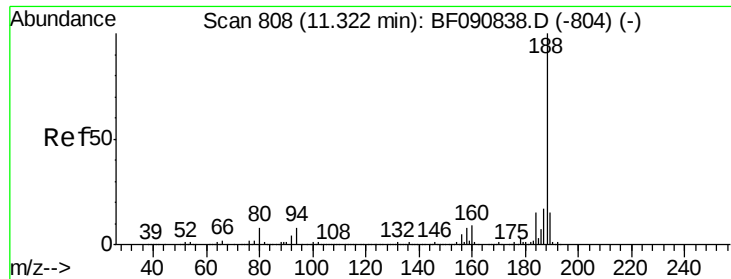
#56
2,4-Dinitrotoluene
Concen: 7.90 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.22 min
Lab File: BF090983.D
Acq: 2 Nov 2016 16:51

Tgt Ion:165 Resp: 42282
Ion Ratio Lower Upper
165 100
63 5.7 29.8 44.6#
89 4.3 44.5 66.7#
182 1.3 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

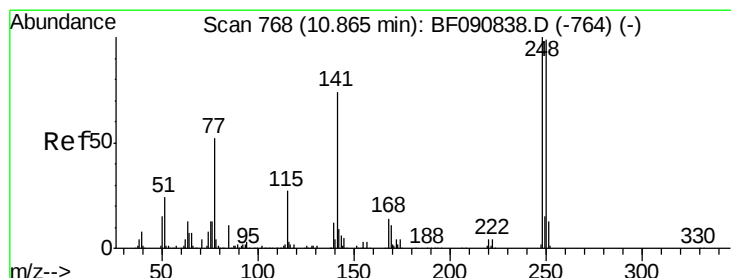
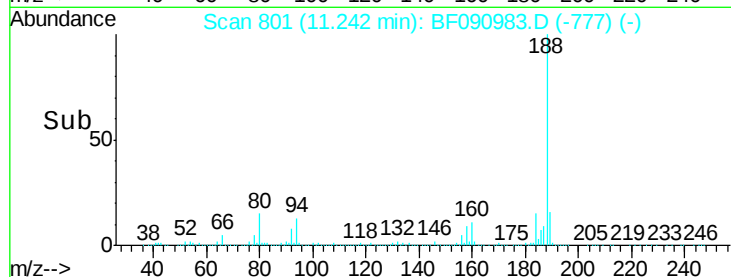
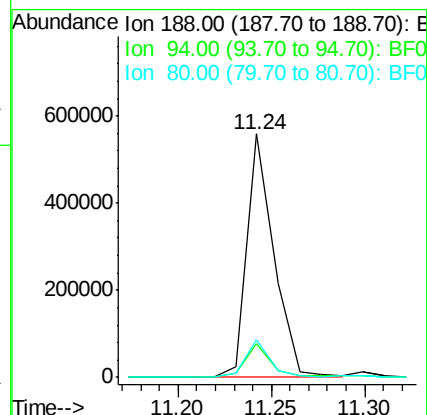
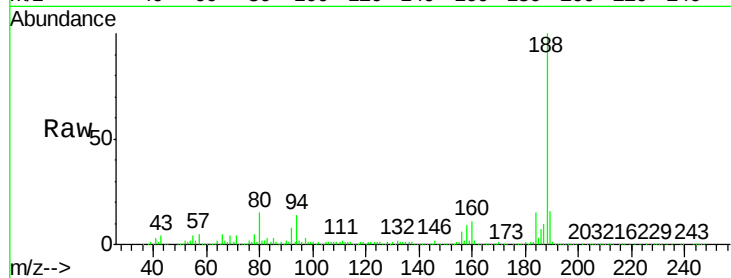




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090983.D
Acq: 2 Nov 2016 16:51

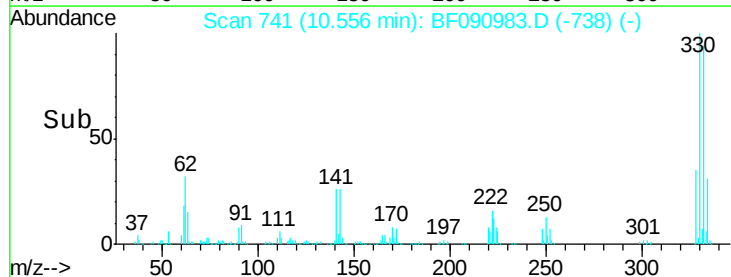
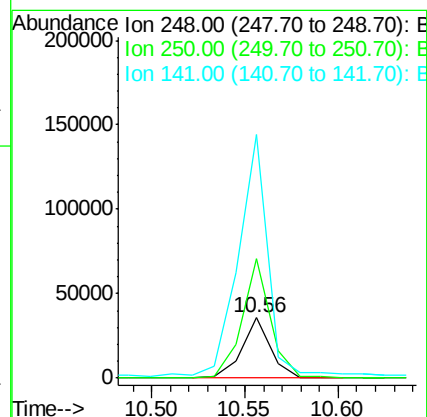
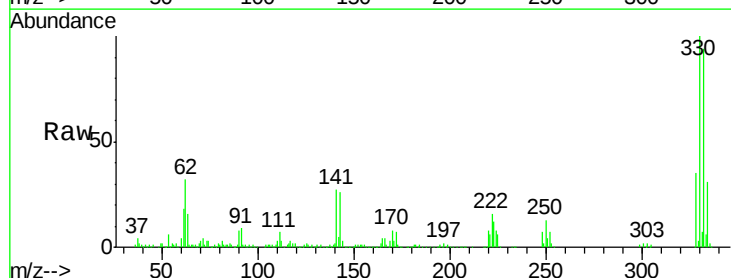
Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0

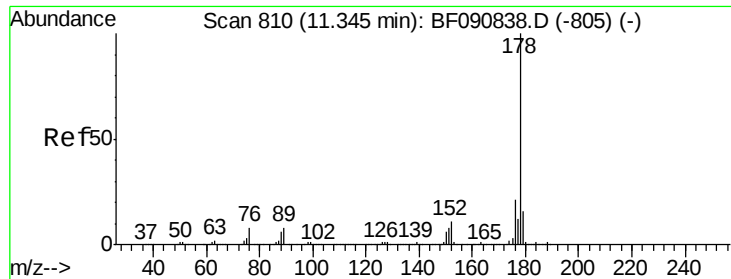
Tgt Ion:188 Resp: 564220
Ion Ratio Lower Upper
188 100
94 13.6 11.1 16.7
80 15.2 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 6.18 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.26 min
Lab File: BF090983.D
Acq: 2 Nov 2016 16:51

Tgt Ion:248 Resp: 38163
Ion Ratio Lower Upper
248 100
250 197.9 78.5 117.7#
141 403.1 59.0 88.6#

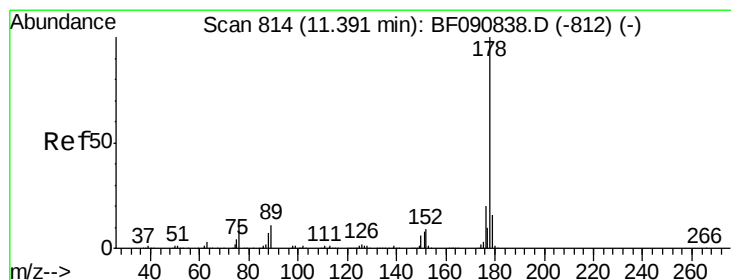
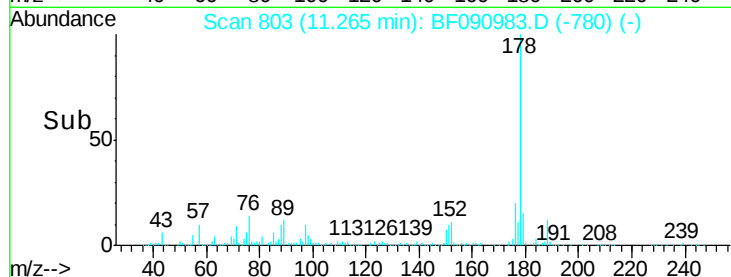
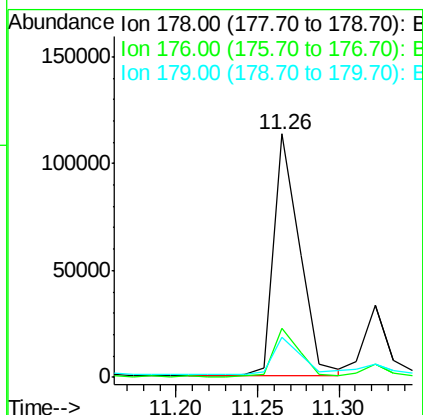
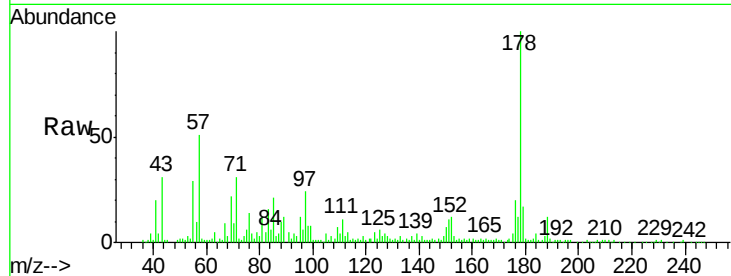




#70
Phenanthrene
Concen: 4.36 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF090983.D
Acq: 2 Nov 2016 16:51

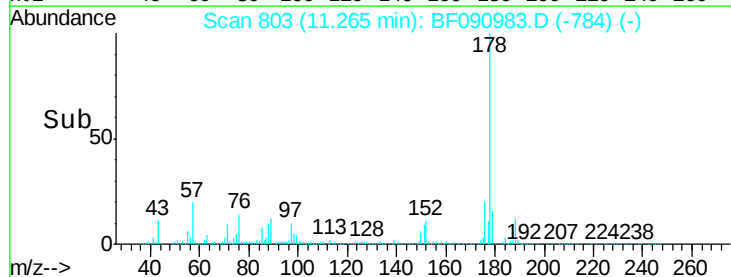
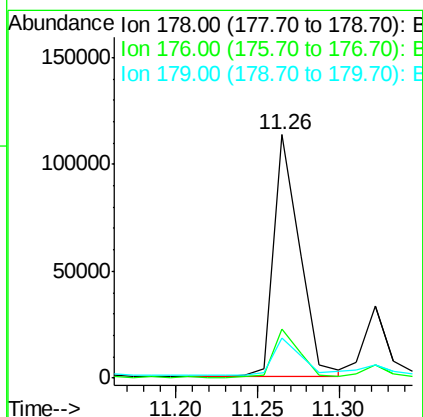
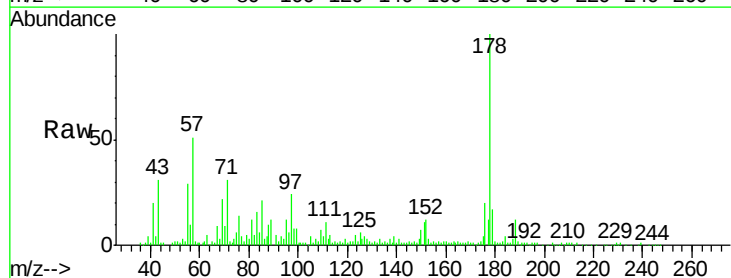
Instrument :
BNA_F
ClientSampleId :
GW-92-9.95-23.0

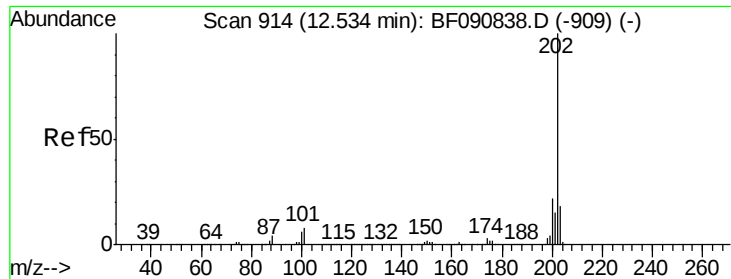
Tgt Ion:178 Resp: 125354
Ion Ratio Lower Upper
178 100
176 20.0 13.8 20.8
179 16.6 12.2 18.2



#71
Anthracene
Concen: 4.14 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.08 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 14.1 21.1
179 16.6 12.2 18.2





#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 :

BNA_F

ClientSampleId :

GW-92-9.95-23.0

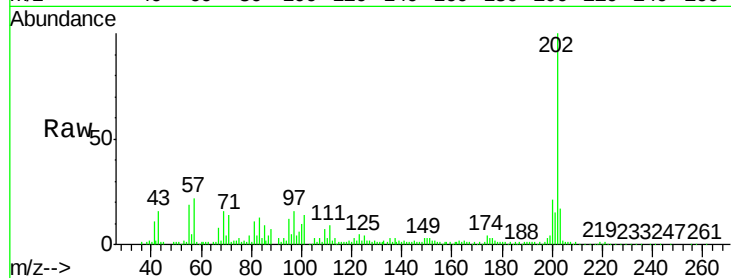
Tgt Ion:202 Resp: 98718

Ion Ratio Lower Upper

202 100

101 13.5 0.0 38.3

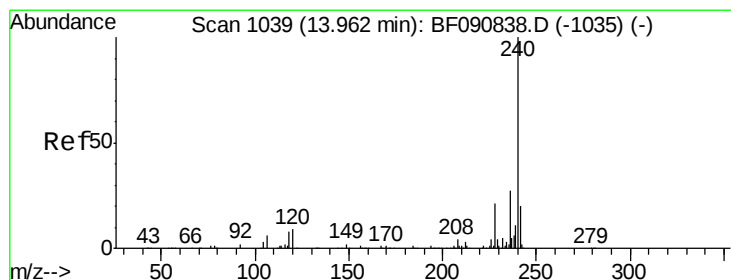
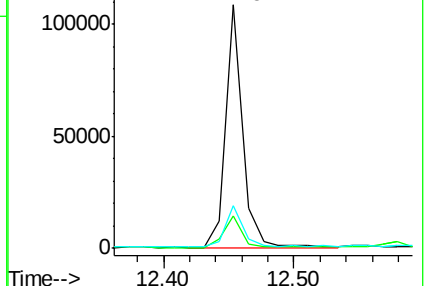
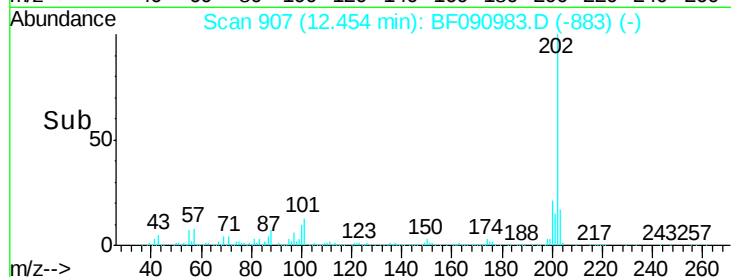
203 17.3 0.0 37.3



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

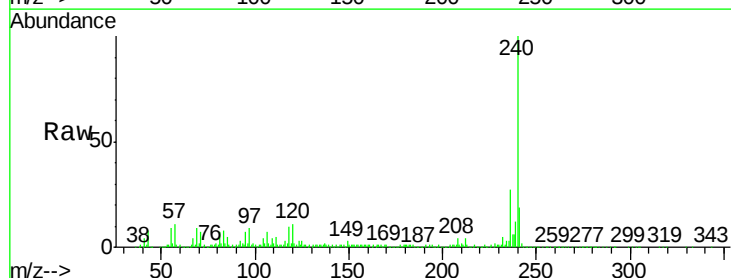
Tgt Ion:240 Resp: 398965

Ion Ratio Lower Upper

240 100

120 10.7 16.2 24.2#

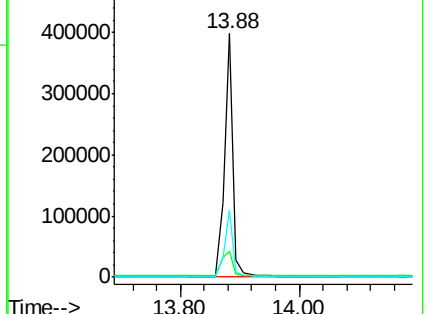
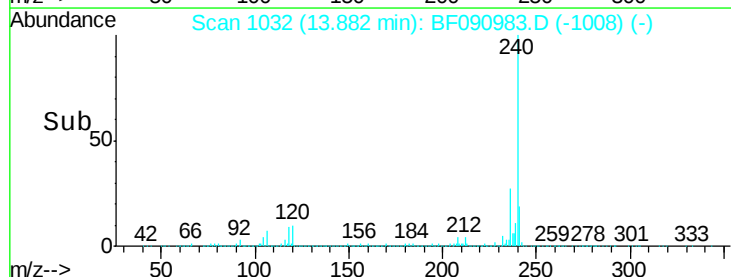
236 27.3 18.4 27.6

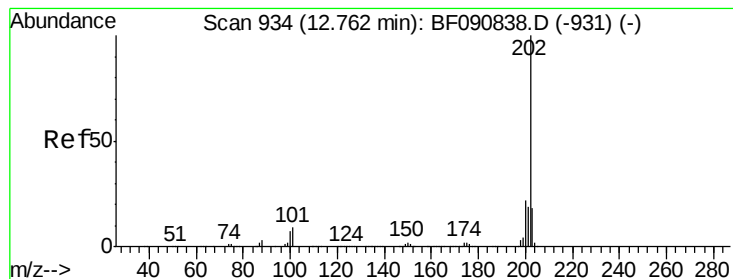


Abundance Ion 240.00 (239.70 to 240.70): E

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

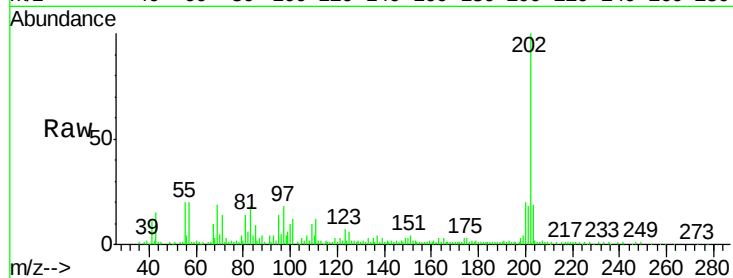
Tgt Ion:202 Resp: 77546

Ion Ratio Lower Upper

202 100

200 20.4 15.0 22.4

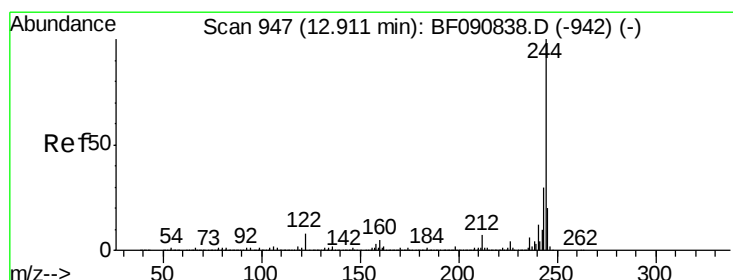
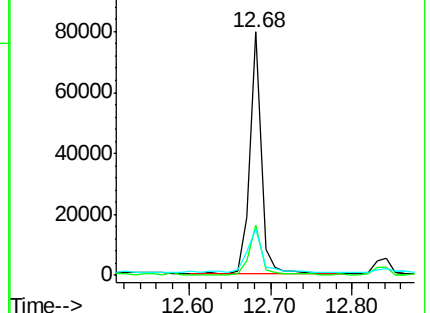
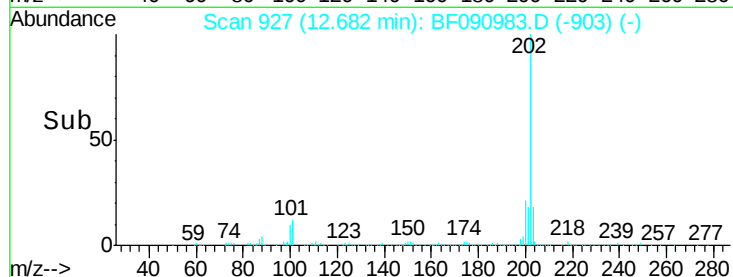
203 18.9 14.1 21.1



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

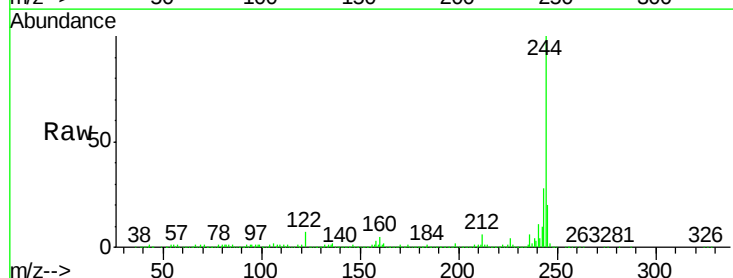
Tgt Ion:244 Resp: 2294044

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

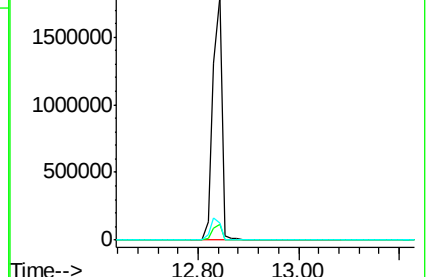
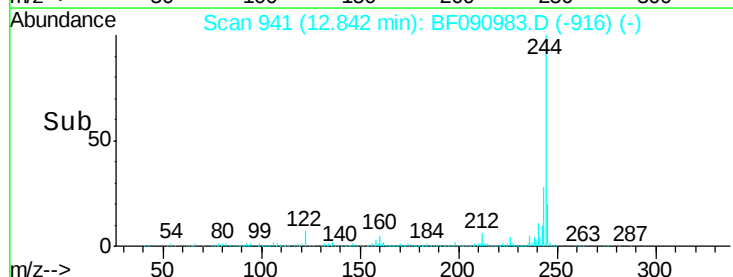
122 6.9 17.4 26.2#

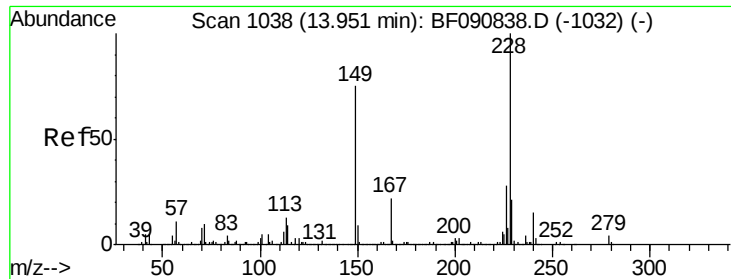


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

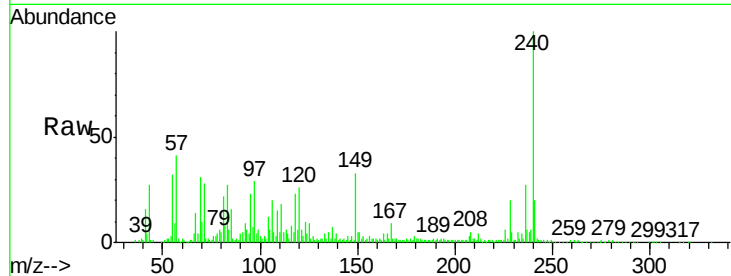




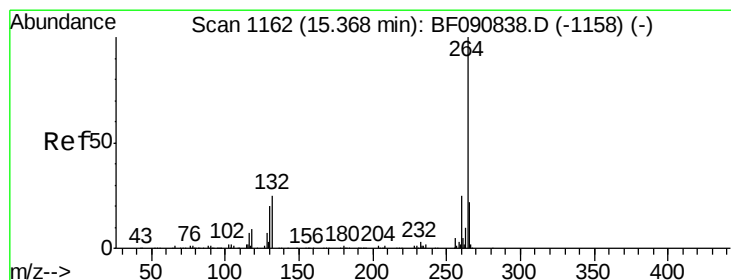
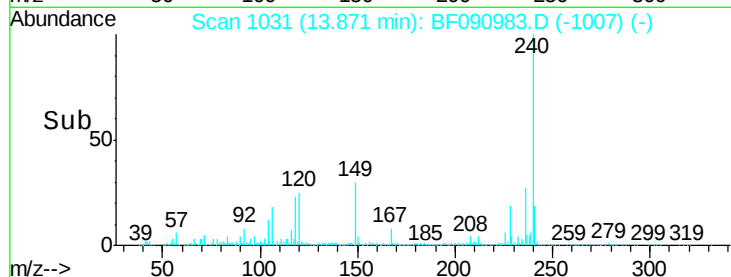
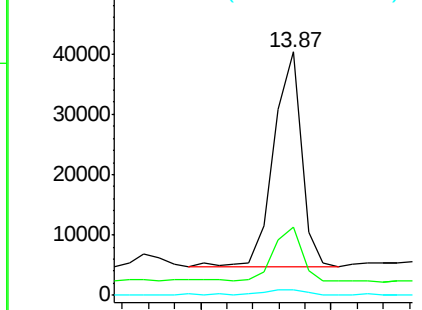
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.52 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF090983.D
 Acq: 2 Nov 2016 16:51

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#

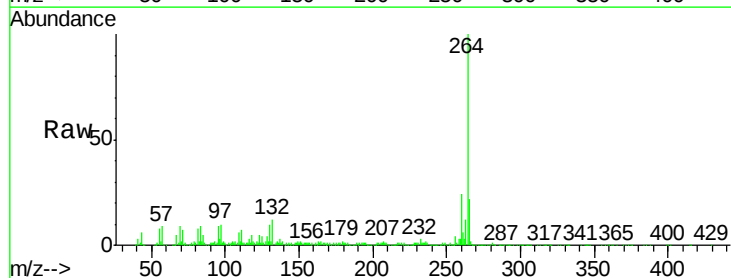


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

