

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024131.D
 Acq On : 24 Sep 2016 19:40
 Operator : UM/SJ
 Sample : H4897-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03I-092116

Quant Time: Sep 26 00:53:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

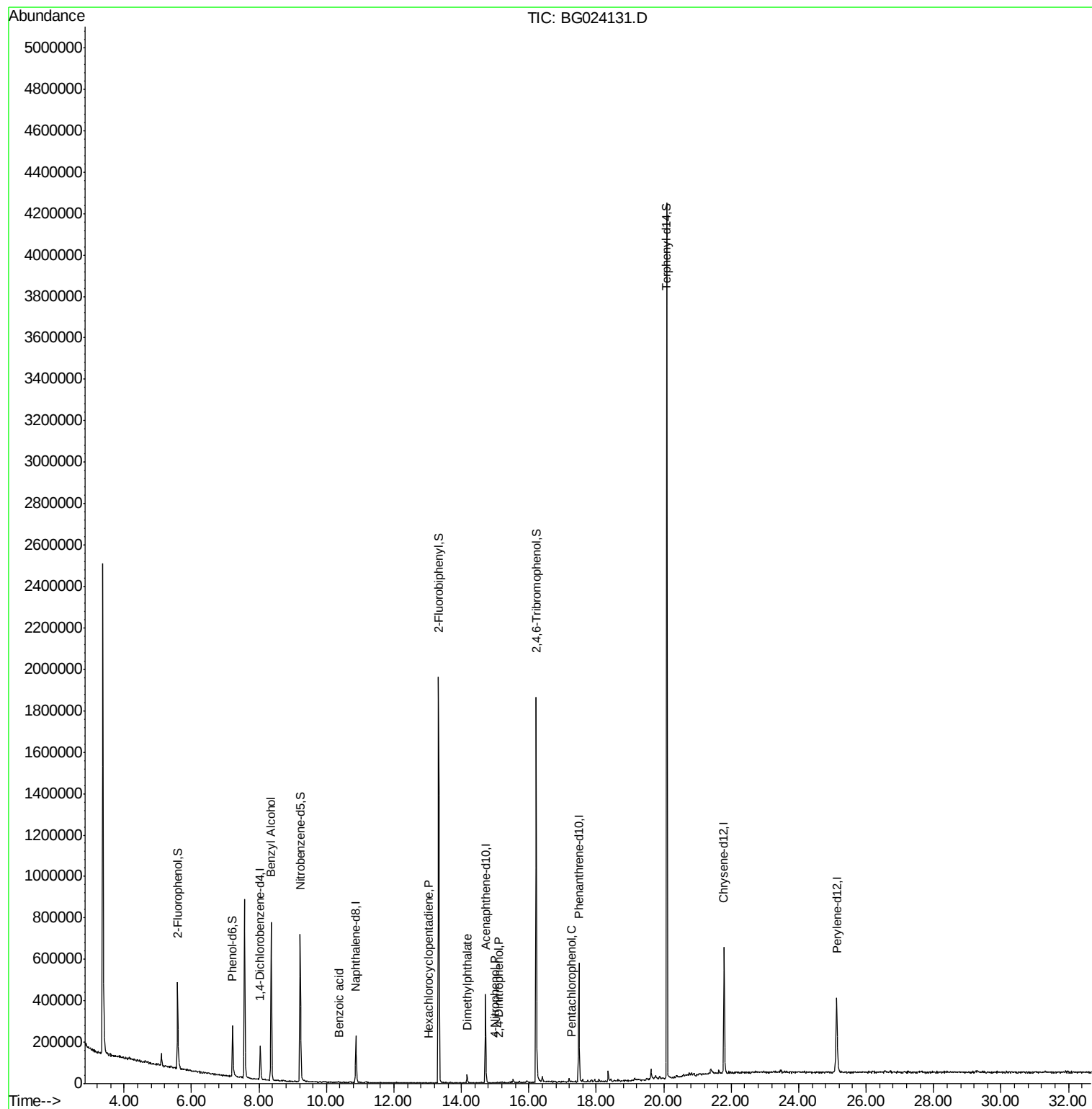
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41039	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	190085	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	153869	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	356557	20.00	ng	0.00
75) Chrysene-d12	21.79	240	401039	20.00	ng	0.00
86) Perylene-d12	25.12	264	395119	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	172855	72.97	ng	0.00
7) Phenol-d6	7.21	99	153619	38.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	481864	99.91	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	319200	144.32	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	973884	106.39	ng	0.00
78) Terphenyl-d14	20.09	244	1601949	81.79	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.36	79	7919	2.05	ng	# 61
32) Benzoic acid	10.37	122	63	2.18	ng	# 1
40) Hexachlorocyclopentadiene	13.02	237	53	3.61	ng	# 26
49) Dimethylphthalate	14.18	163	29385	2.49	ng	# 96
53) 2,4-Dinitrophenol	15.10	184	55	2.49	ng	# 10
55) 4-Nitrophenol	14.99	139	53	5.37	ng	# 1
69) Pentachlorophenol	17.26	266	86	3.60	ng	# 18

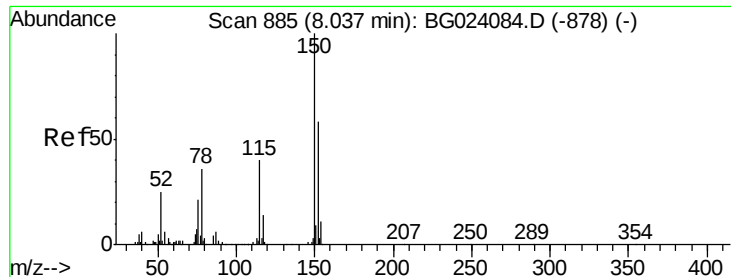
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

Instrument :

BNA_G

ClientSampleId :

MW-03I-092116

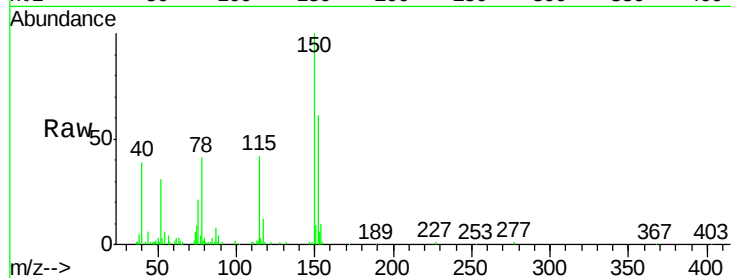
Tgt Ion:152 Resp: 41039

Ion Ratio Lower Upper

152 100

150 163.2 144.7 217.1

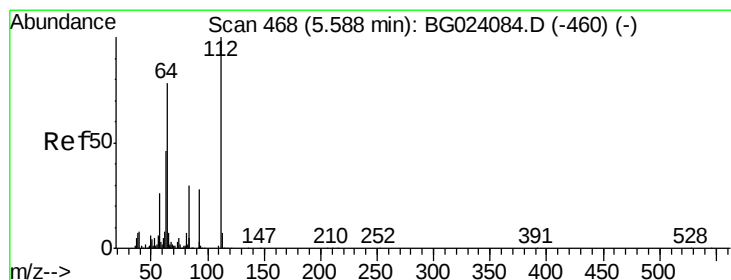
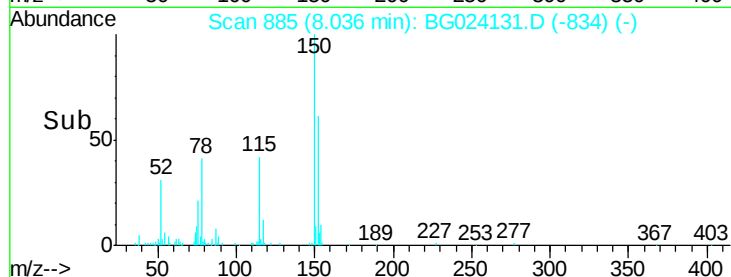
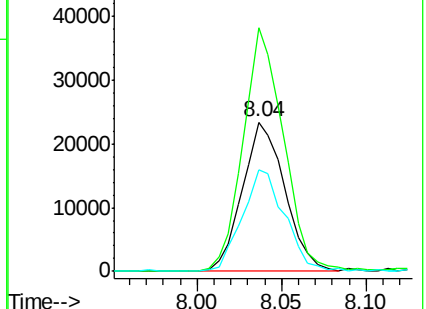
115 68.5 64.0 96.0



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: 72.97 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

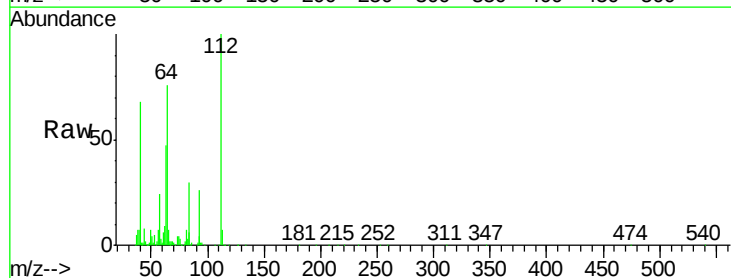
Tgt Ion:112 Resp: 172855

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

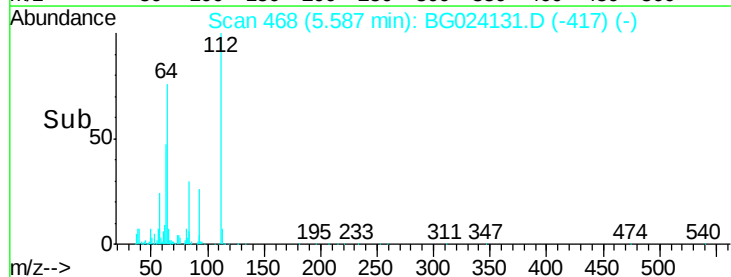
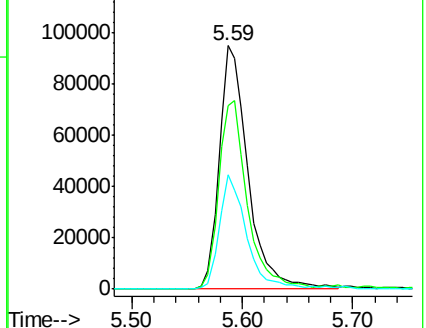
63 46.8 37.8 56.8

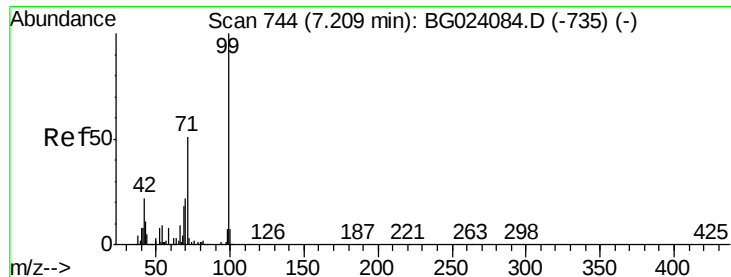


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.54 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

Instrument :

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MW-03I-092116

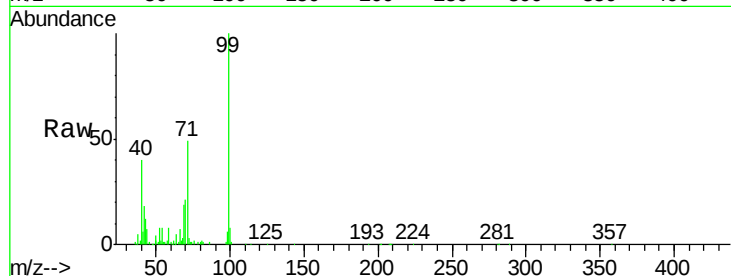
Tgt Ion: 99 Resp: 153619

Ion Ratio Lower Upper

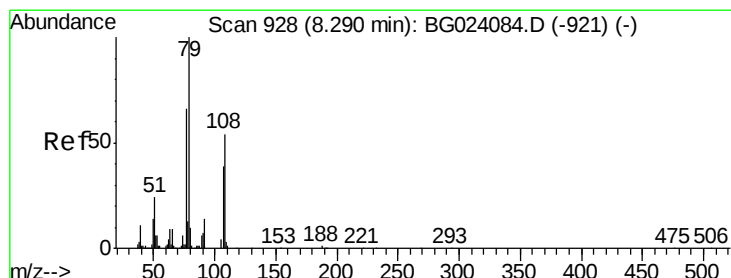
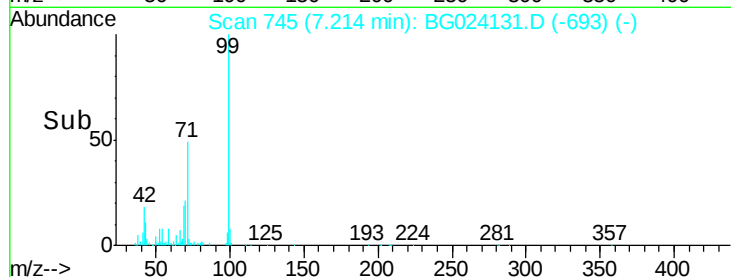
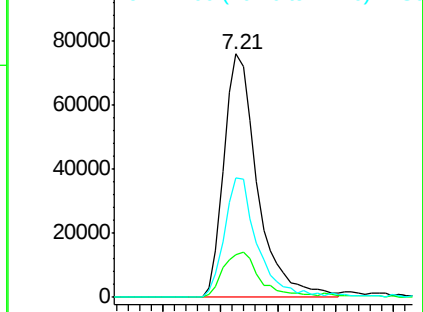
99 100

42 17.6 17.8 26.6#

71 49.1 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

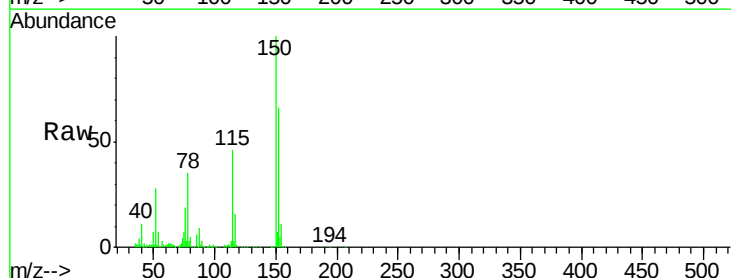
Tgt Ion: 79 Resp: 7919

Ion Ratio Lower Upper

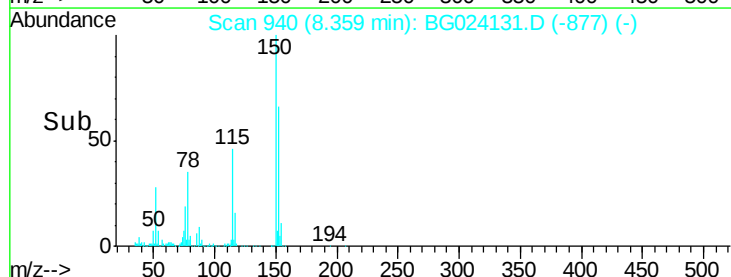
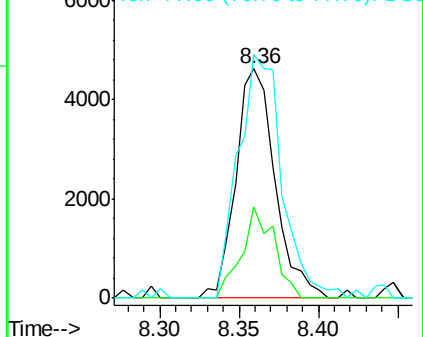
79 100

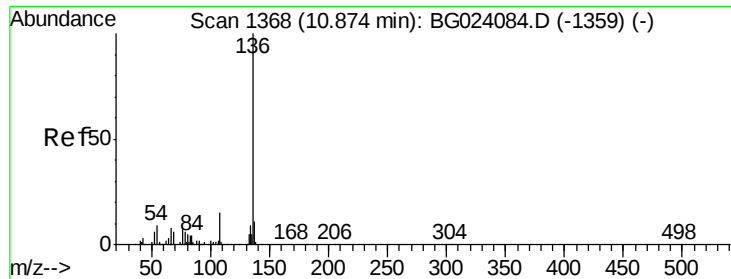
108 39.6 46.5 69.7#

77 106.1 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

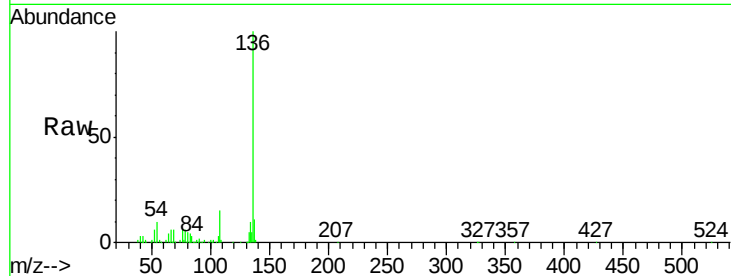




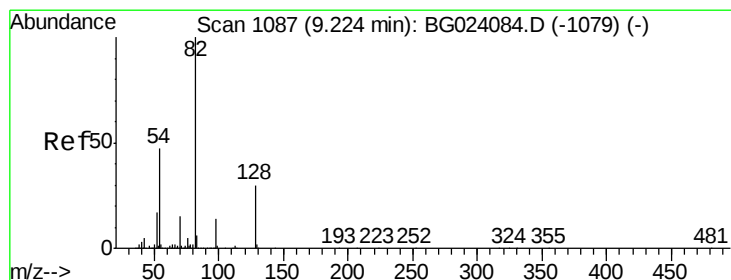
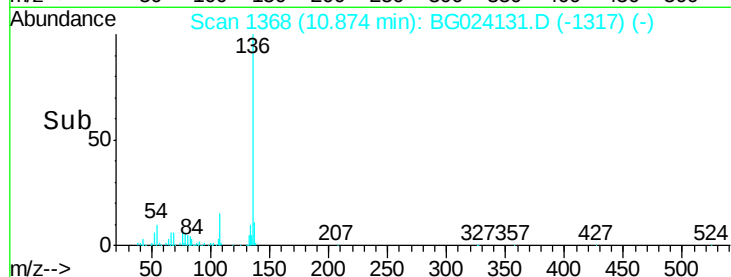
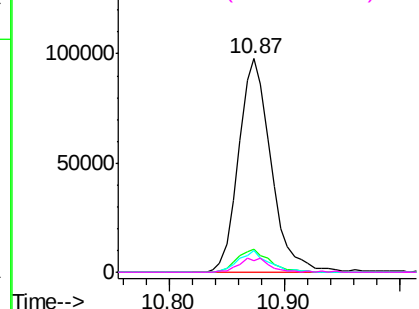
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Instrument :
BNA_G
ClientSampleId :
MW-03I-092116

Tgt Ion:	136	Resp:	190085
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.3	7.3	10.9
68	5.7	5.3	7.9

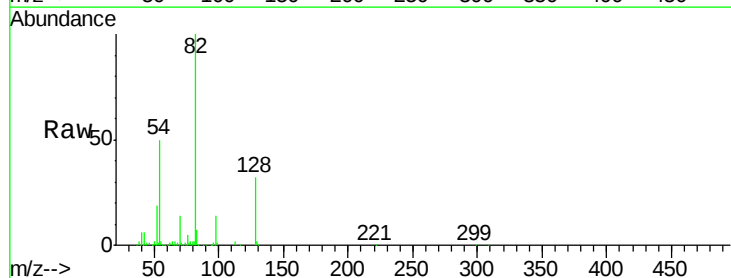


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

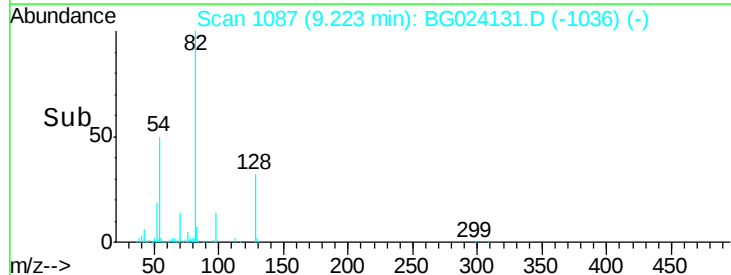
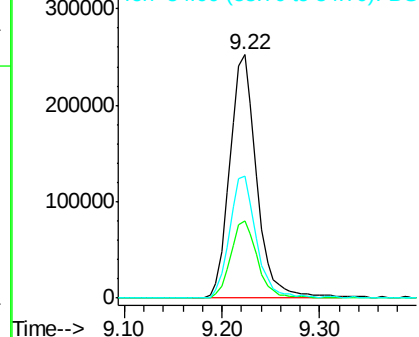


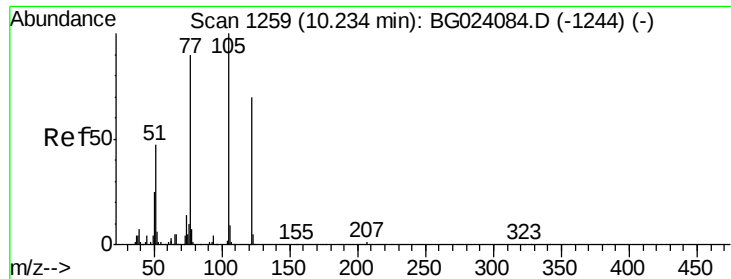
#23
Nitrobenzene-d5
Concen: 99.91 ng
RT: 9.22 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Tgt Ion:	82	Resp:	481864
Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.4	36.6
54	50.1	41.4	62.0



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

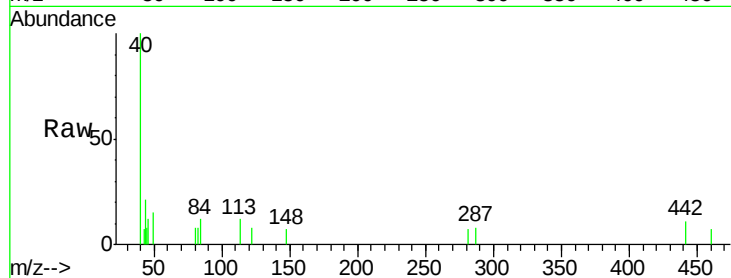




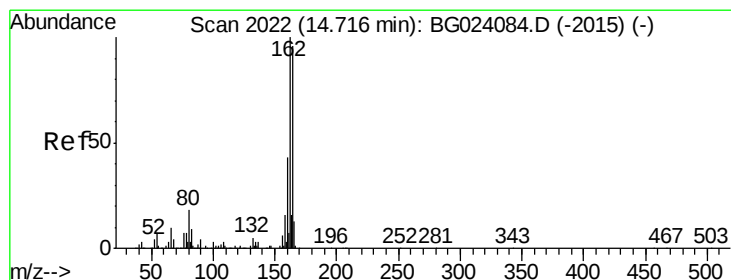
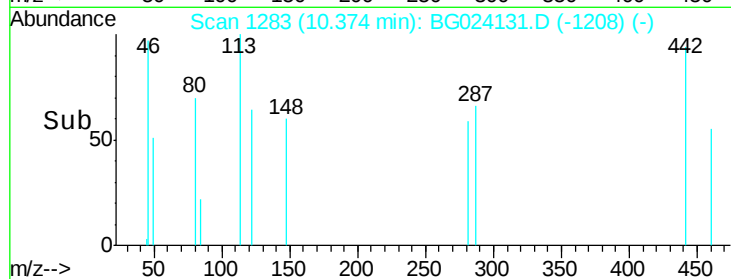
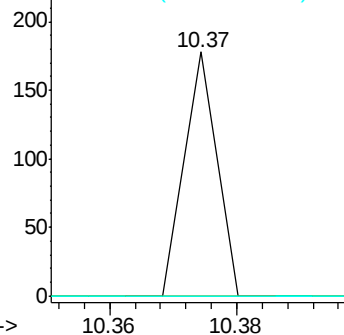
#32
Benzoic acid
Concen: 2.18 ng
RT: 10.37 min Scan# 1283
Delta R.T. 0.14 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Instrument :
BNA_G
ClientSampleId :
MW-03I-092116

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#

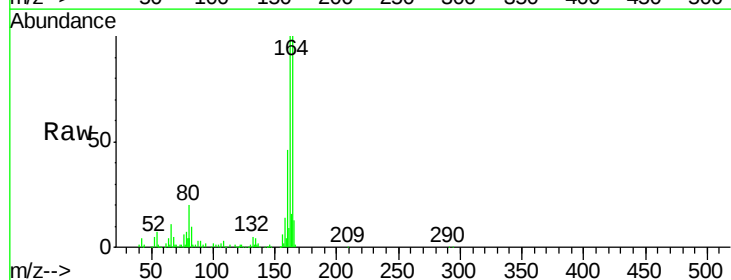


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

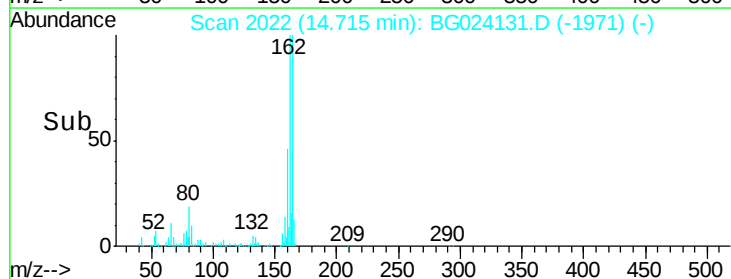
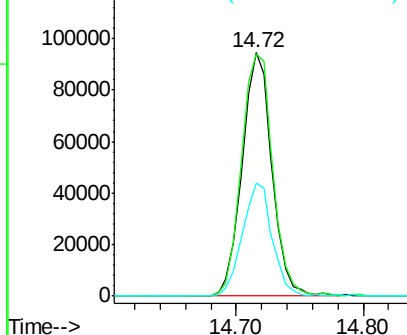


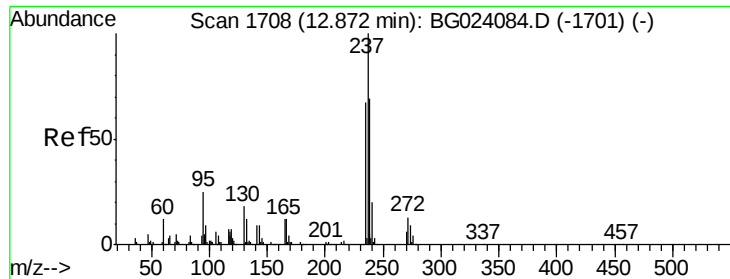
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	87.7	131.5
160	46.4	37.2	55.8



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





#40

Hexachlorocyclopentadiene

Concen: 3.61 ng

RT: 13.02 min Scan# 1734

Delta R.T. 0.15 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

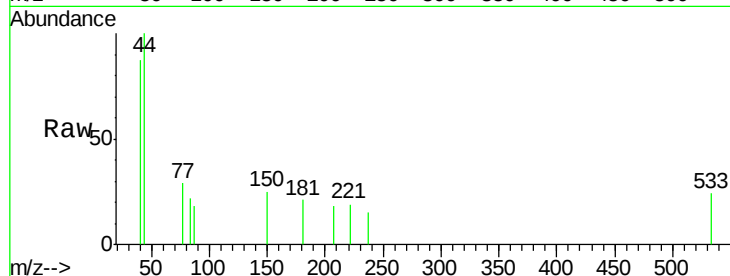
Instrument :

BNA_G

ClientSampleId :

MW-031-092116

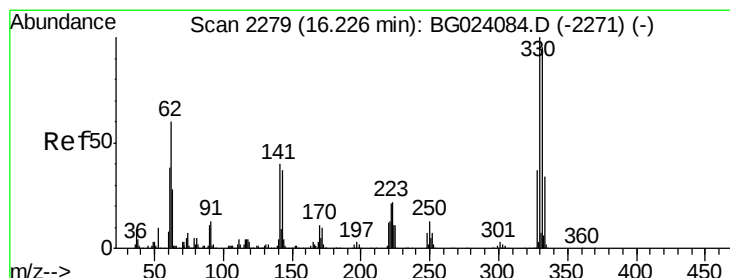
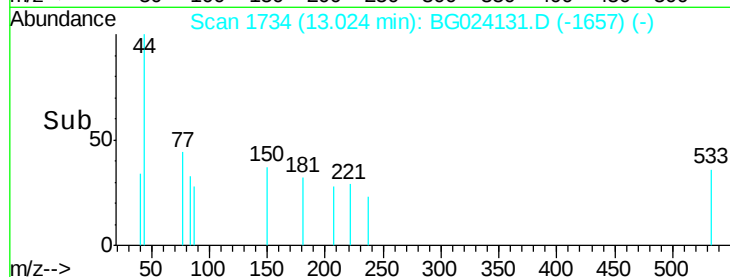
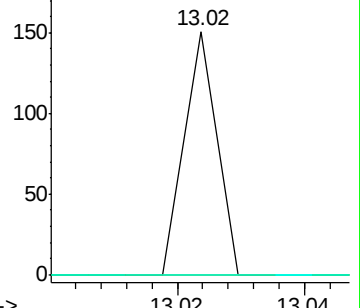
Tgt Ion:	237	Resp:	53
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 144.32 ng

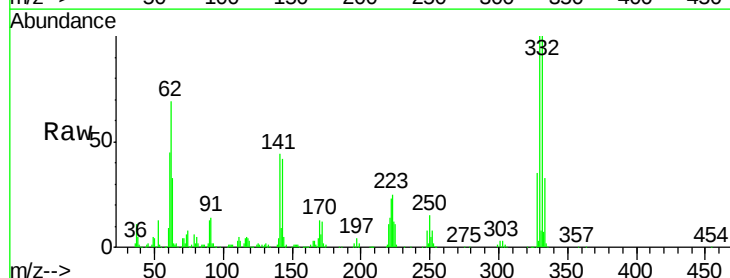
RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

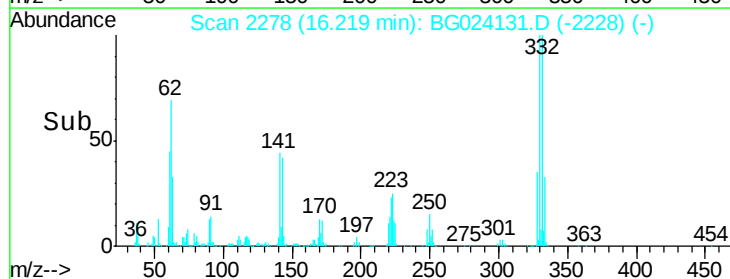
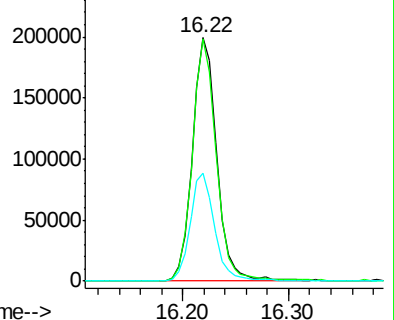
Tgt Ion:	330	Resp:	319200
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	44.6	31.7	47.5

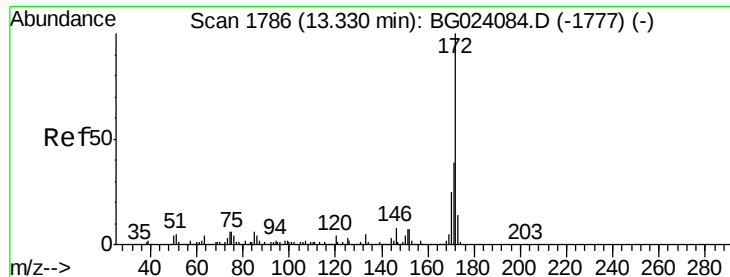


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 106.39 ng

RT: 13.33 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

Instrument :

BNA_G

ClientSampleId :

MW-03I-092116

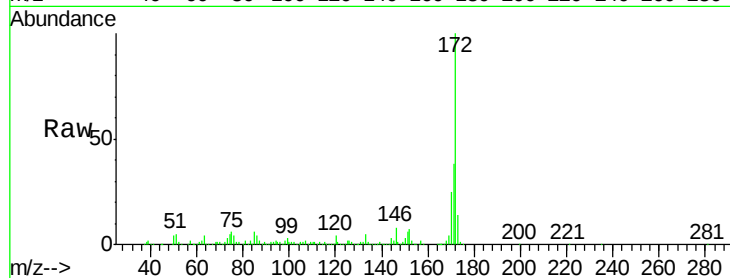
Tgt Ion:172 Resp: 973884

Ion Ratio Lower Upper

172 100

171 38.4 31.6 47.4

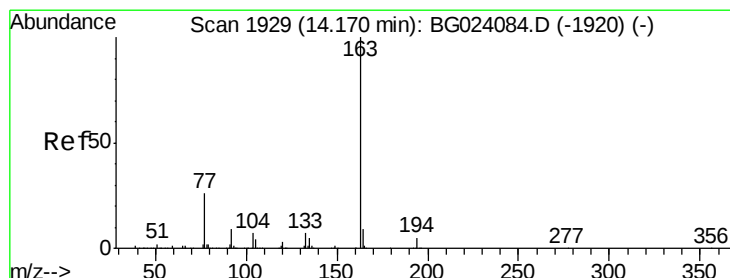
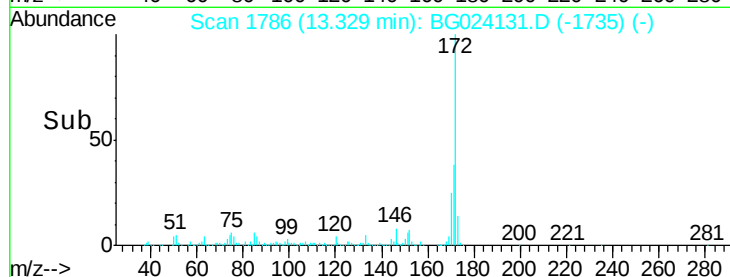
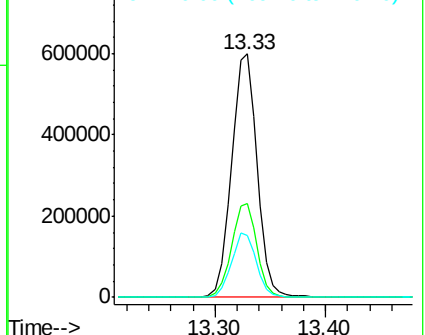
170 25.3 21.3 31.9



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: 2.49 ng

RT: 14.18 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

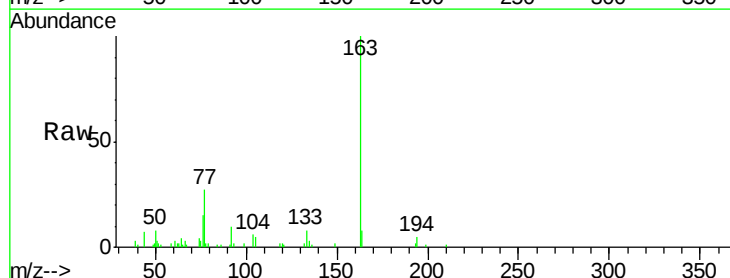
Tgt Ion:163 Resp: 29385

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

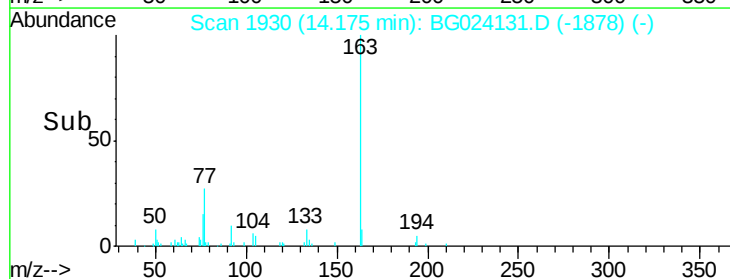
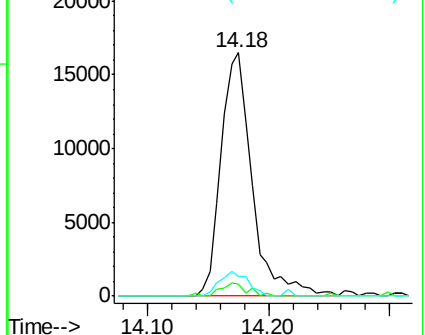
164 7.8 8.1 12.1#

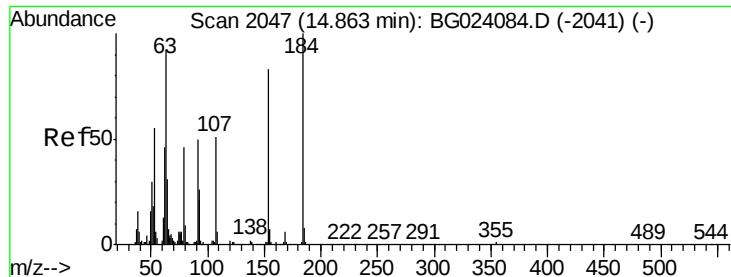


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

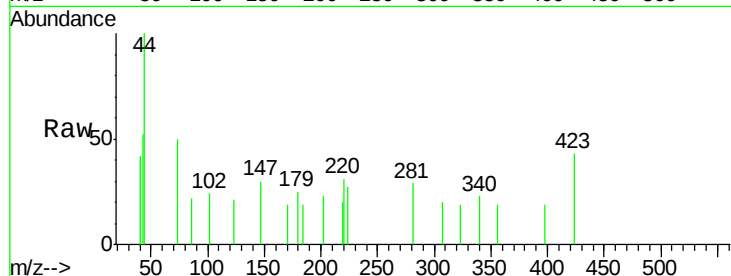




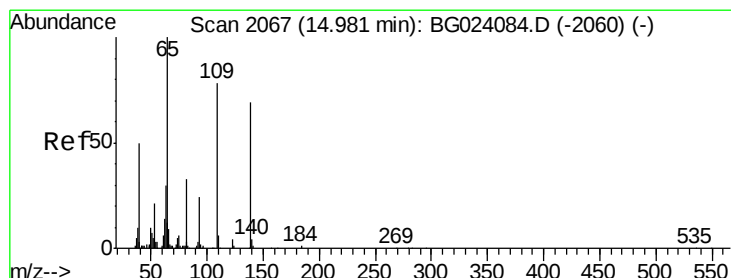
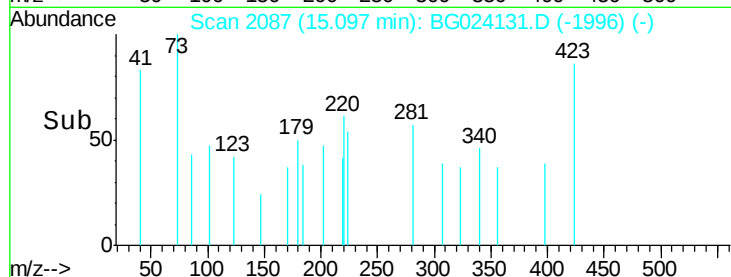
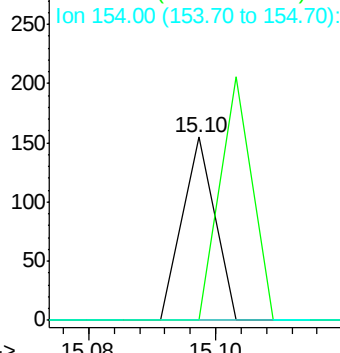
#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 15.10 min Scan# 2087
Delta R.T. 0.23 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Instrument :
BNA_G
ClientSampleId :
MW-03I-092116

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

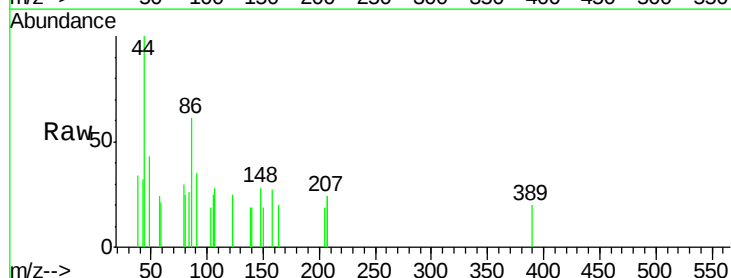


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

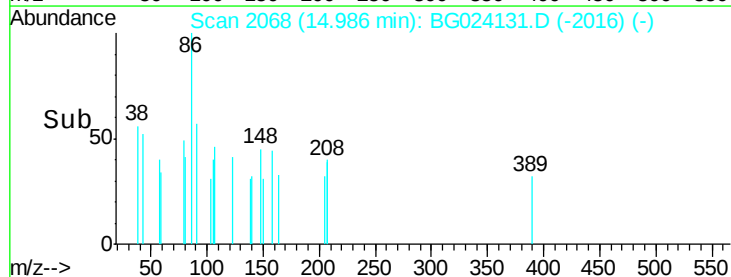
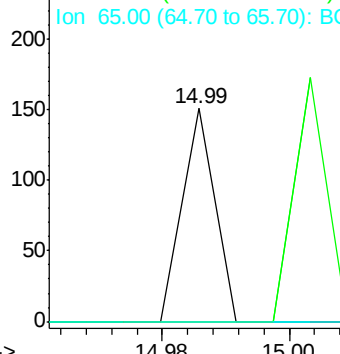


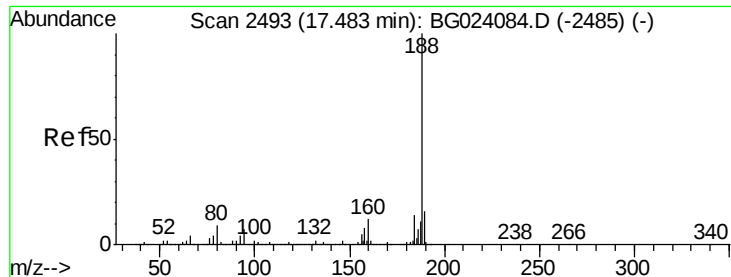
#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

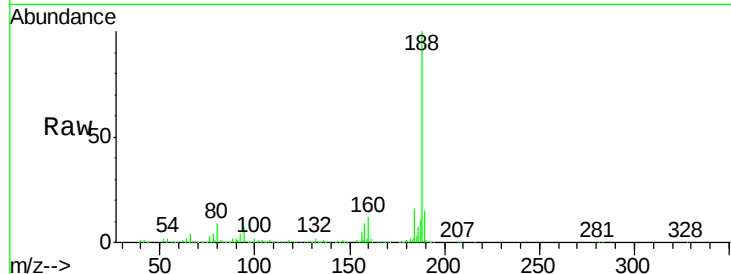




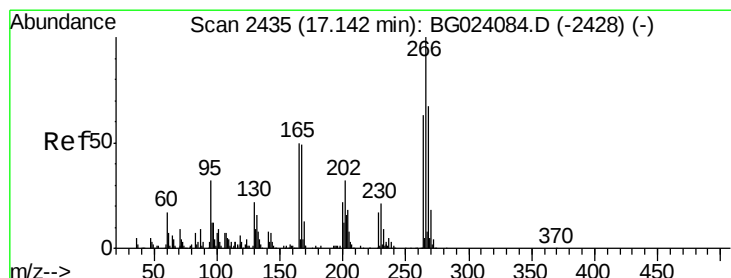
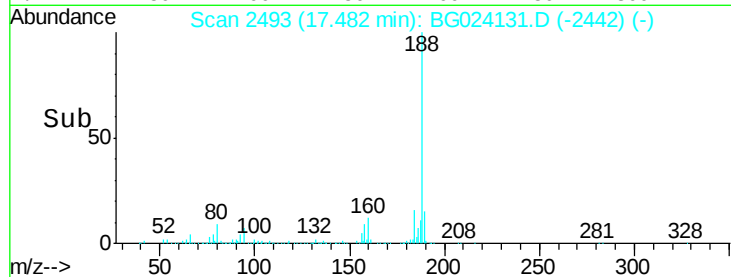
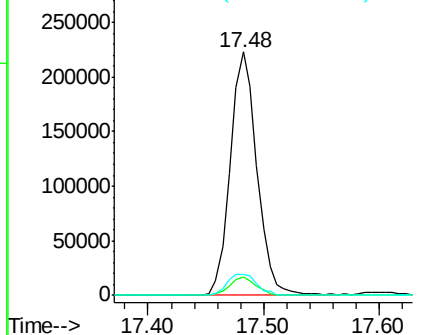
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Instrument :
BNA_G
ClientSampleId :
MW-031-092116

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	8.7	7.2	10.8

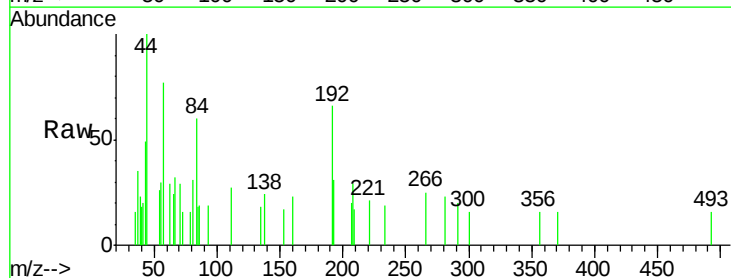


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

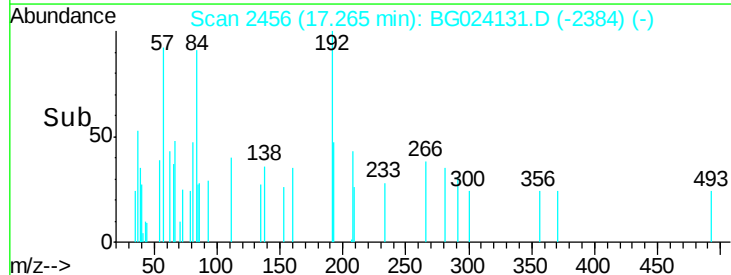
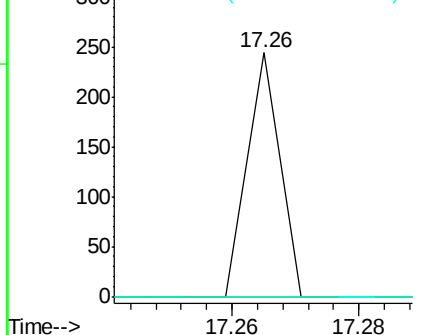


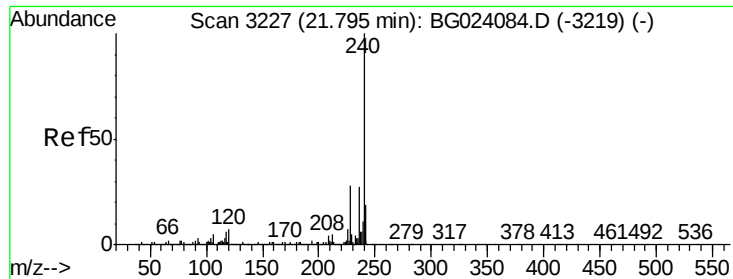
#69
Pentachlorophenol
Concen: 3.60 ng
RT: 17.26 min Scan# 2456
Delta R.T. 0.12 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.9	77.9#
264	0.0	50.6	75.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

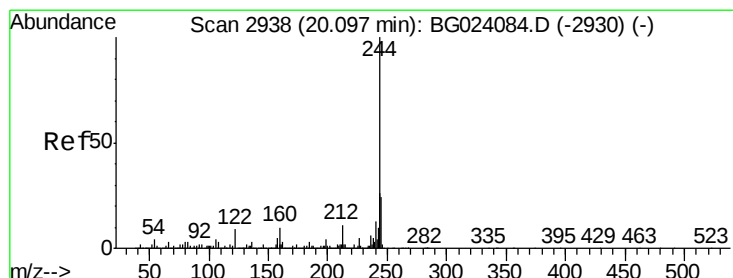
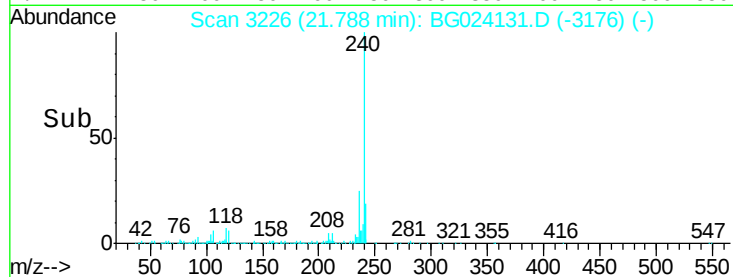
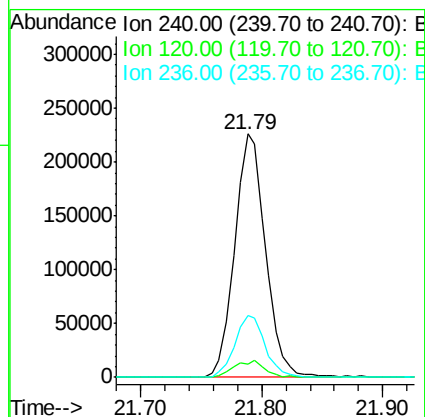
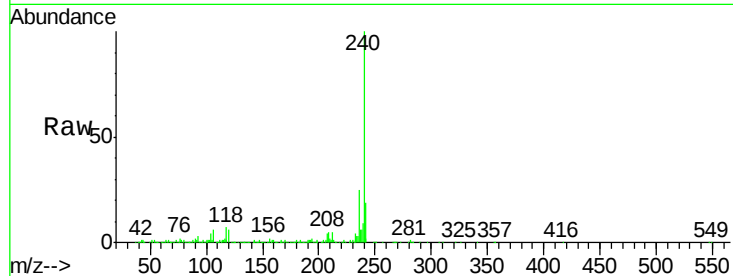




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

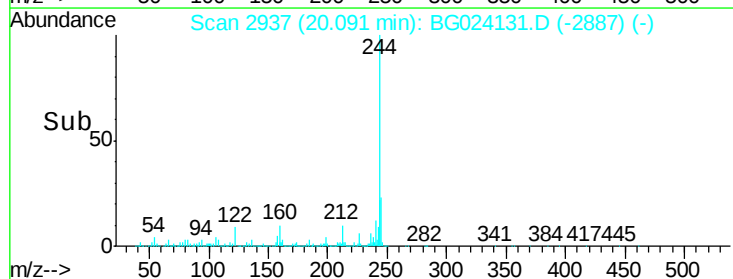
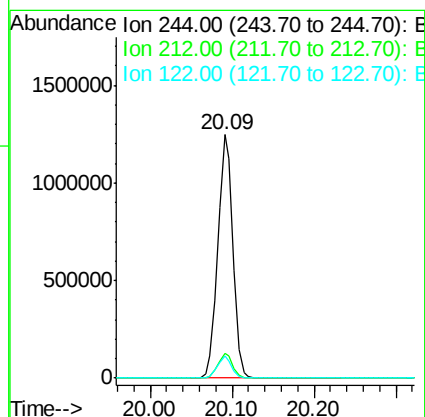
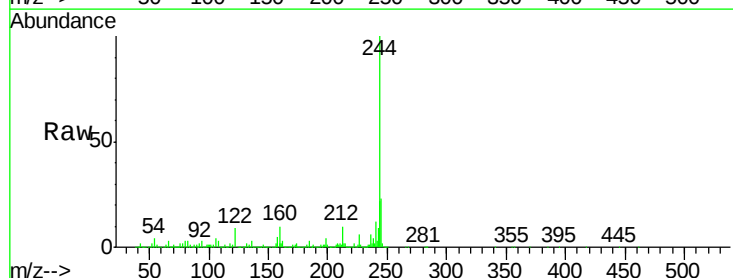
Instrument :
BNA_G
ClientSampleId :
MW-03I-092116

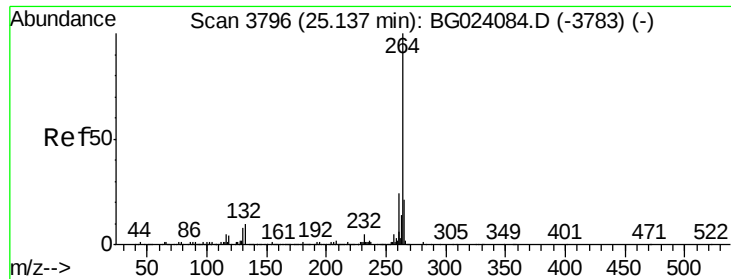
Tgt Ion:240 Resp: 401039
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 25.3 21.1 31.7



#78
Terphenyl-d14
Concen: 81.79 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Tgt Ion:244 Resp: 1601949
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 9.1 8.0 12.0

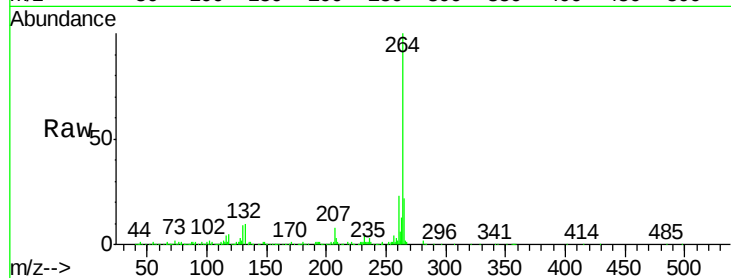




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Instrument :
BNA_G
ClientSampleId :
MW-03I-092116

Tgt Ion:	264	Resp:	395119
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.0	18.9	28.3



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

