

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024133.D
 Acq On : 24 Sep 2016 20:56
 Operator : UM/SJ
 Sample : H4897-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02I-092116

Quant Time: Sep 26 00:53:55 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

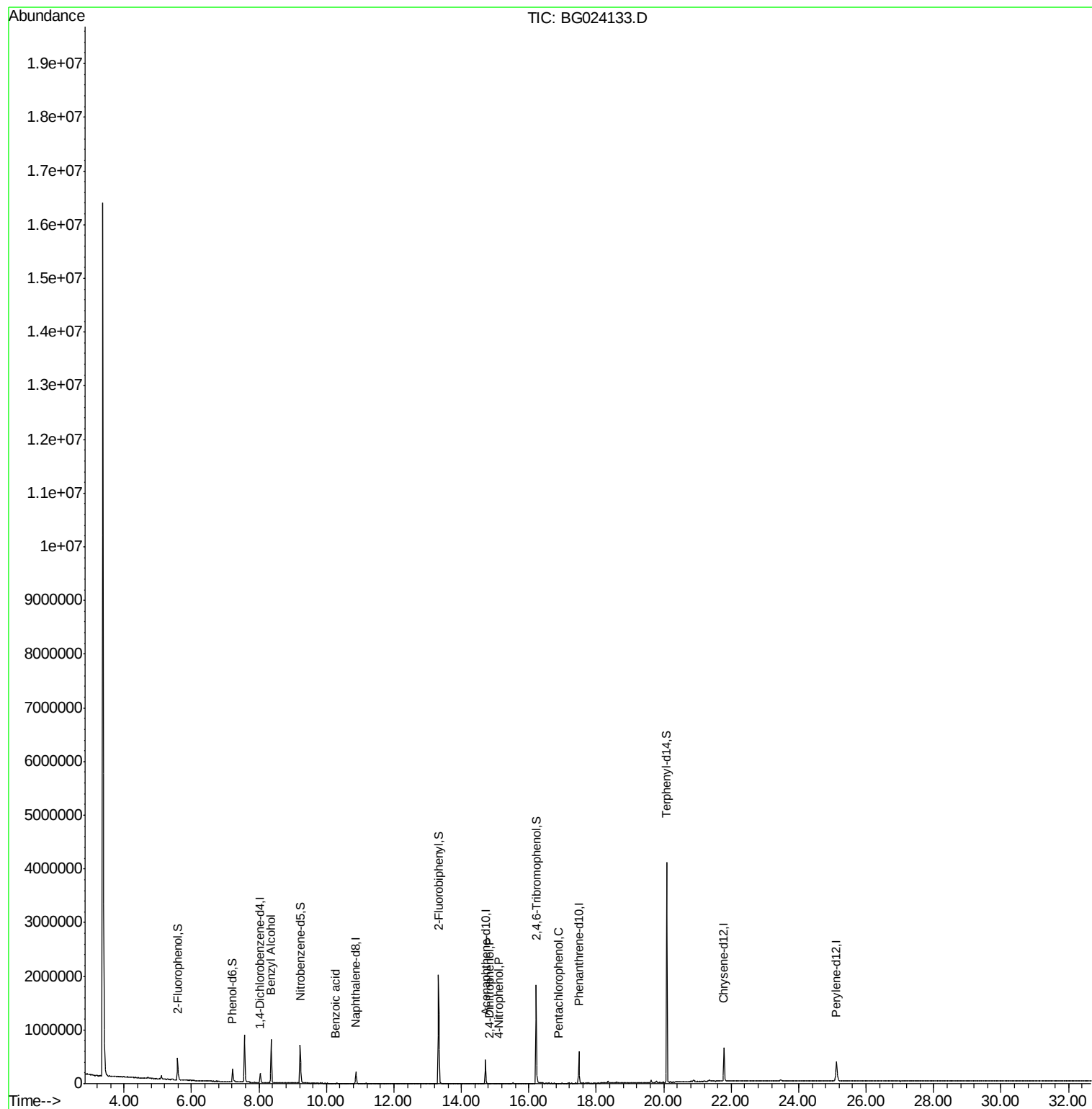
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44788	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	189687	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	160253	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	370812	20.00	ng	0.00
75) Chrysene-d12	21.79	240	418207	20.00	ng	0.00
86) Perylene-d12	25.12	264	409348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	173044	66.94	ng	0.00
7) Phenol-d6	7.21	99	159177	36.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	497922	103.46	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	327228	142.06	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1003710	105.28	ng	0.00
78) Terphenyl-d14	20.09	244	1653008	80.93	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.37	79	9697	2.30	ng	# 56
32) Benzoic acid	10.26	122	58	2.18	ng	# 1
53) 2,4-Dinitrophenol	14.83	184	60	2.49	ng	# 10
55) 4-Nitrophenol	15.10	139	61	5.37	ng	# 1
69) Pentachlorophenol	16.89	266	115	3.61	ng	# 18

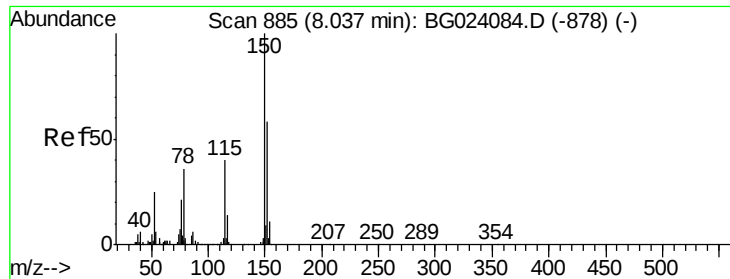
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024133.D

Acq: 24 Sep 2016 20:56

Instrument :

BNA_G

ClientSampleId :

MW-02I-092116

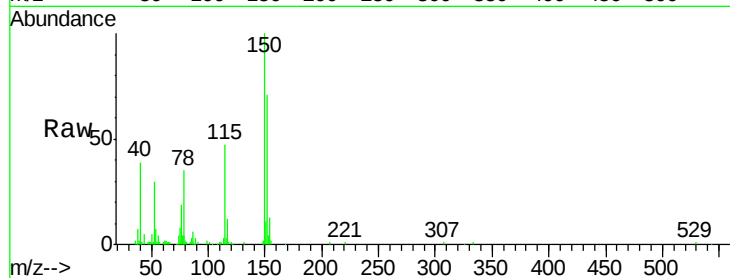
Tgt Ion:152 Resp: 44788

Ion Ratio Lower Upper

152 100

150 141.0 144.7 217.1#

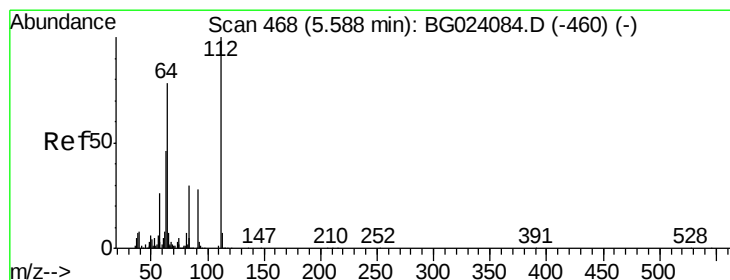
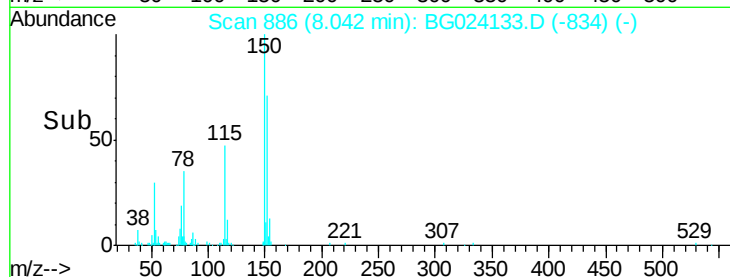
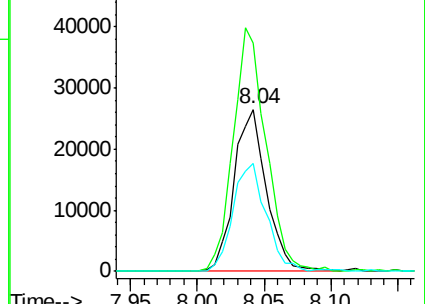
115 66.6 64.0 96.0



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: 66.94 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024133.D

Acq: 24 Sep 2016 20:56

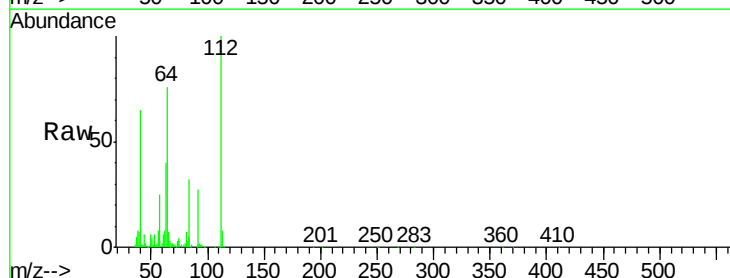
Tgt Ion:112 Resp: 173044

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

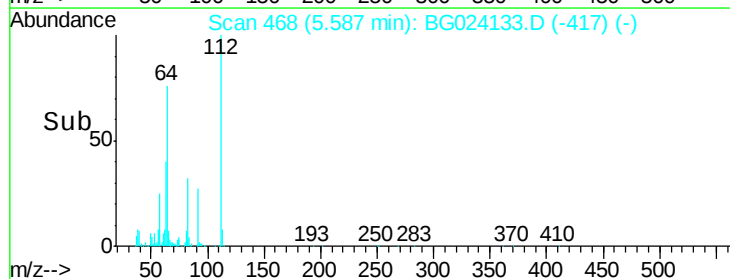
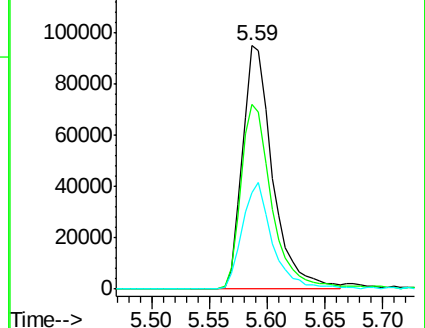
63 39.9 37.8 56.8

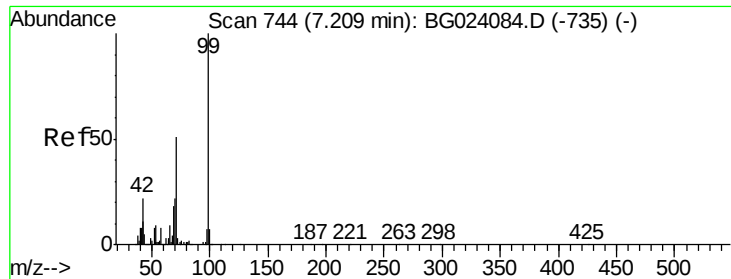


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.59 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024133.D

Acq: 24 Sep 2016 20:56

Instrument :

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MW-02I-092116

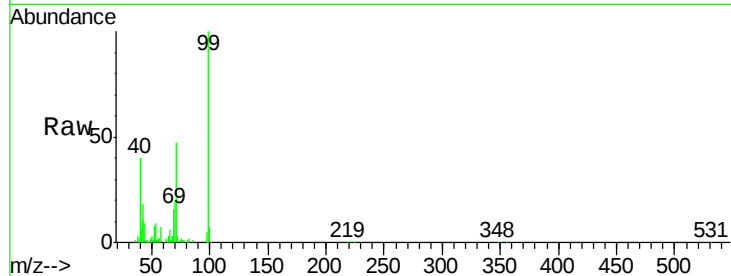
Tgt Ion: 99 Resp: 159177

Ion Ratio Lower Upper

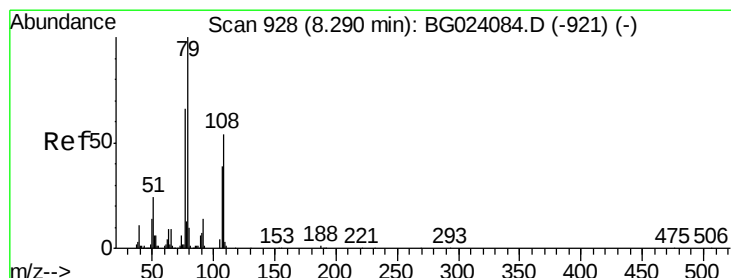
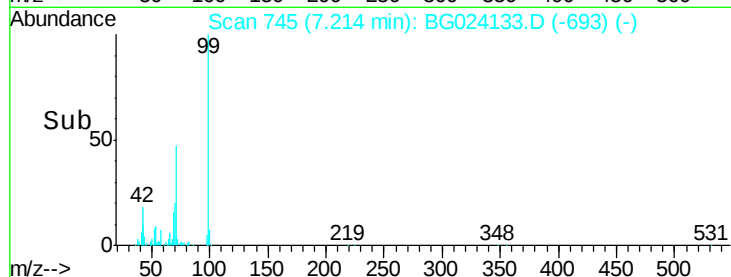
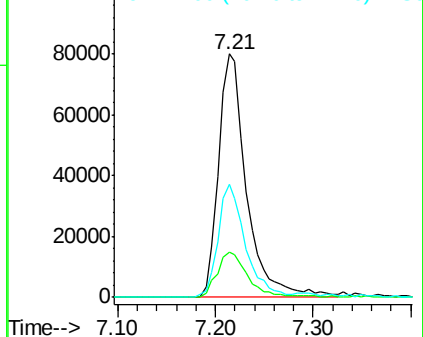
99 100

42 18.5 17.8 26.6

71 46.7 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: 2.30 ng

RT: 8.37 min Scan# 941

Delta R.T. 0.08 min

Lab File: BG024133.D

Acq: 24 Sep 2016 20:56

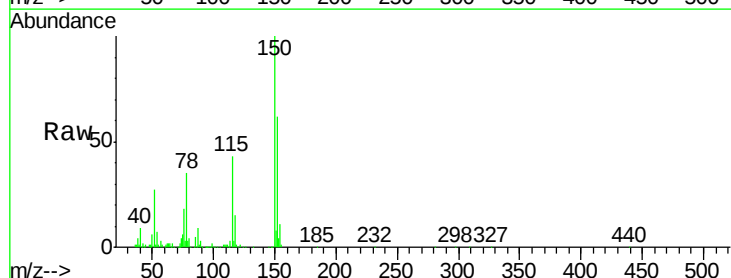
Tgt Ion: 79 Resp: 9697

Ion Ratio Lower Upper

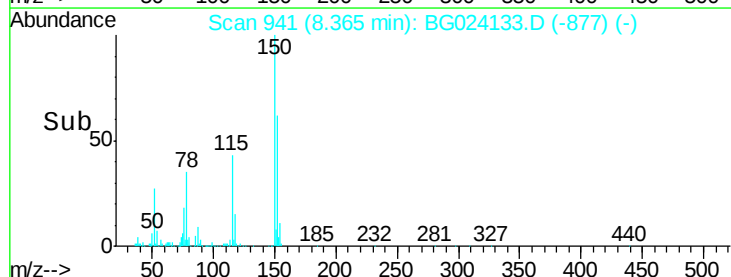
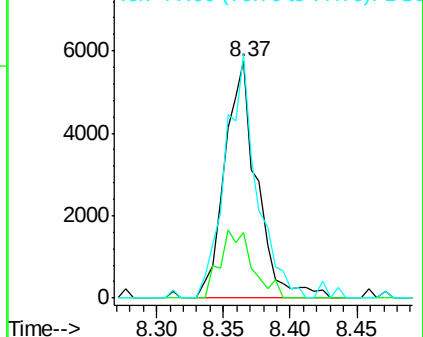
79 100

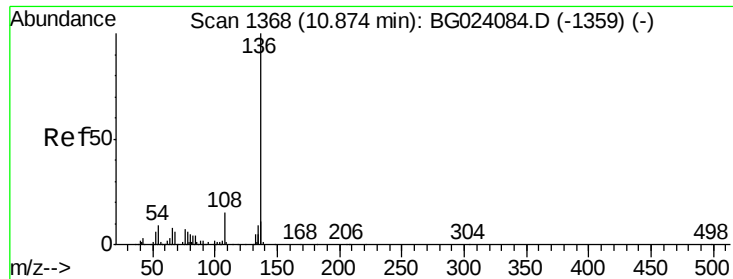
108 27.6 46.5 69.7#

77 102.7 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

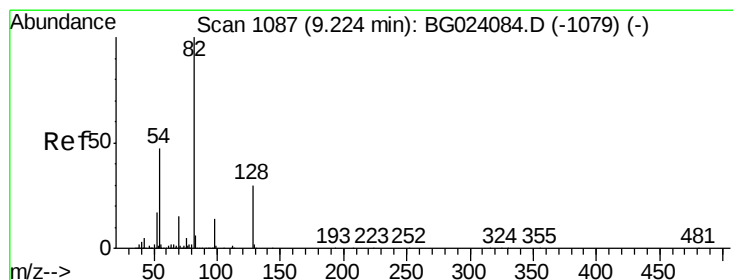
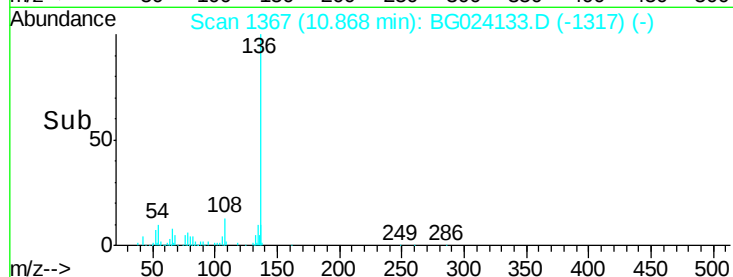
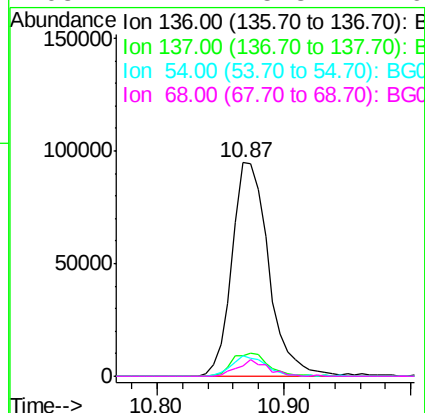
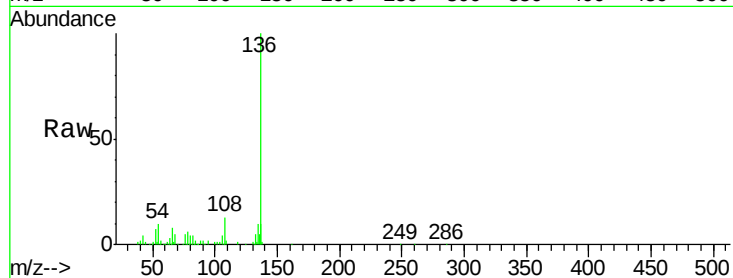




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

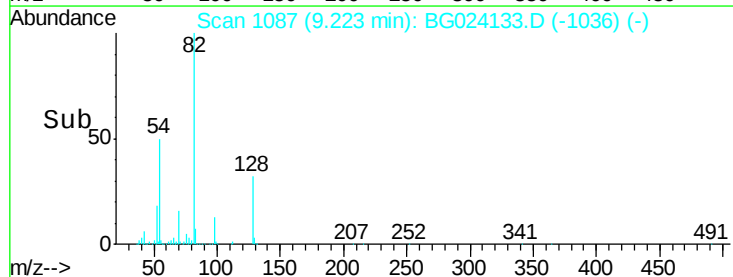
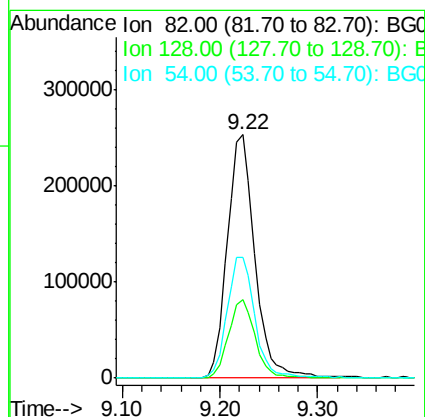
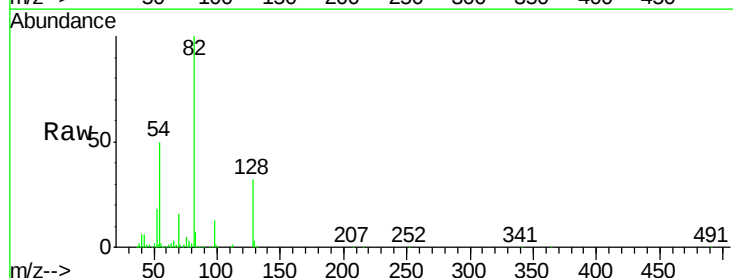
Instrument :
BNA_G
ClientSampleId :
MW-021-092116

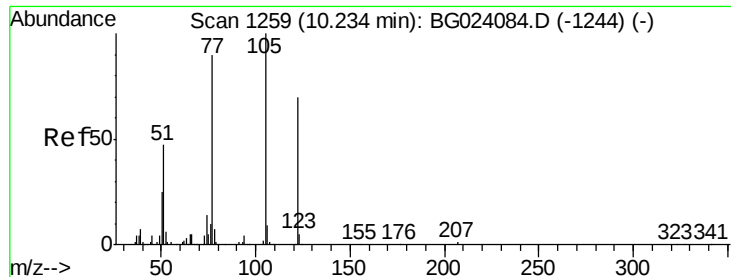
Tgt Ion:	136	Resp:	189687
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.8	7.3	10.9
68	4.7	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 103.46 ng
RT: 9.22 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:	82	Resp:	497922
Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	49.5	41.4	62.0

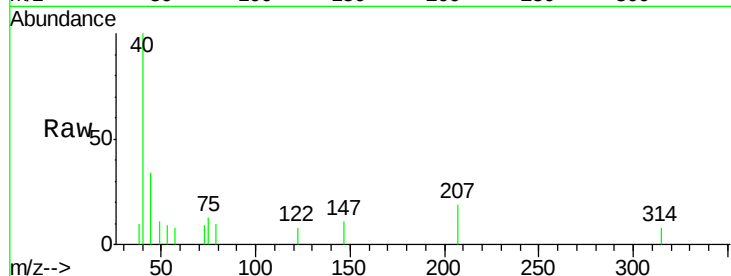




#32
Benzoic acid
Concen: 2.18 ng
RT: 10.26 min Scan# 1264
Delta R.T. 0.03 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

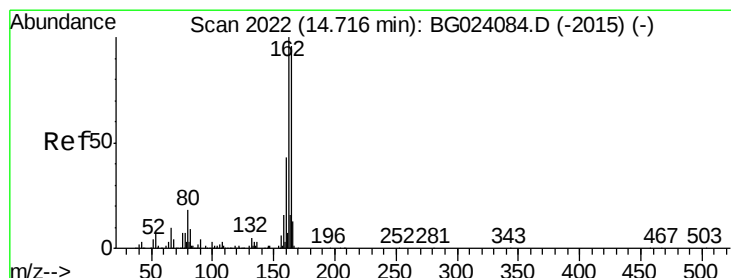
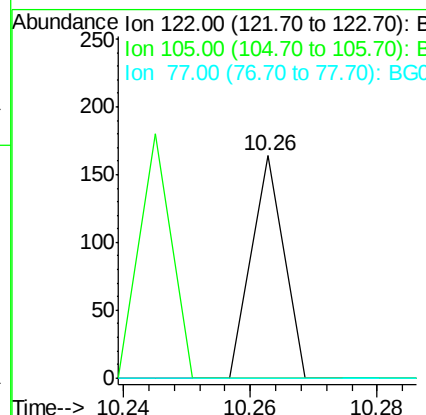
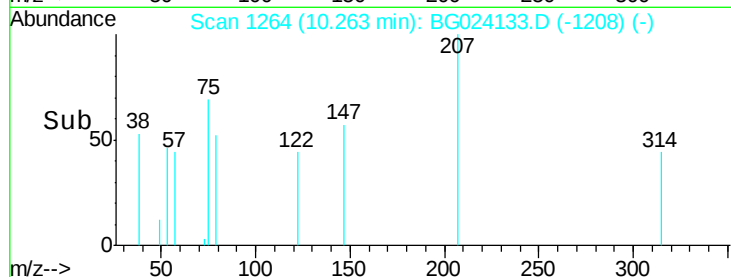
Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

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



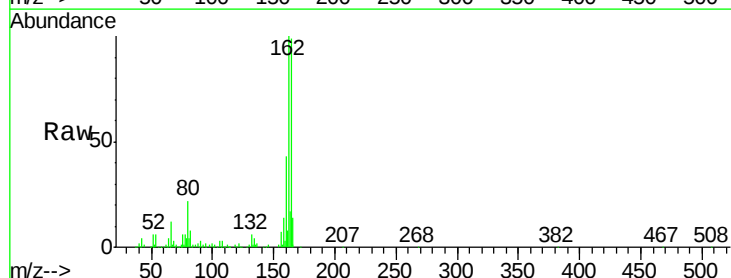
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

10.26



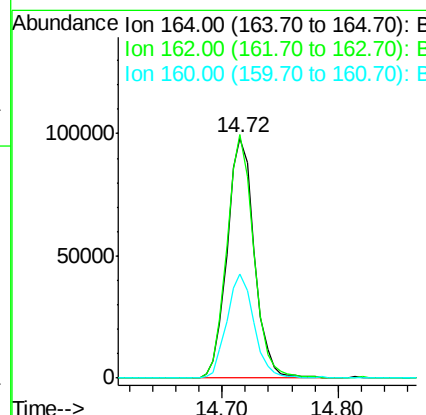
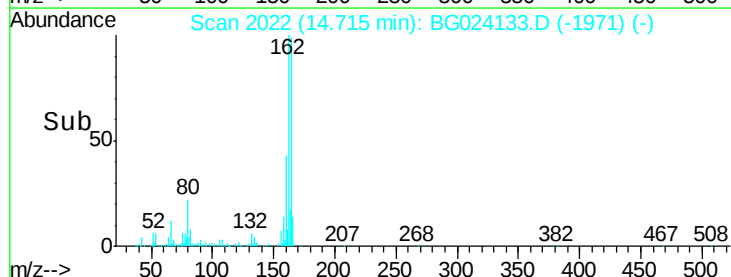
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

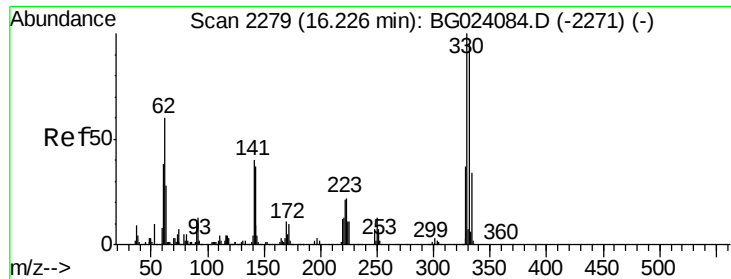
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	43.5	37.2	55.8



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

14.72

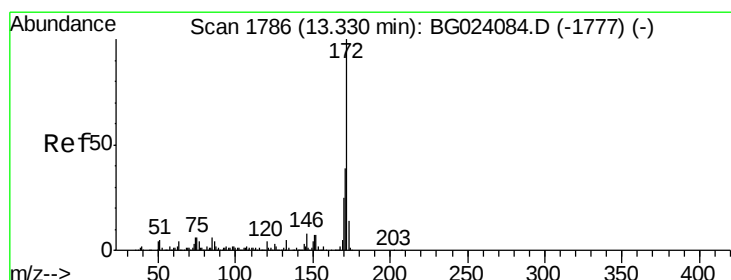
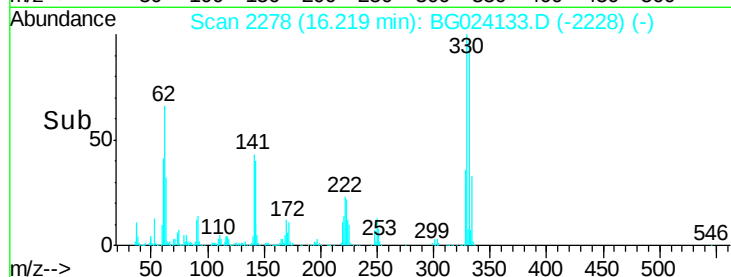
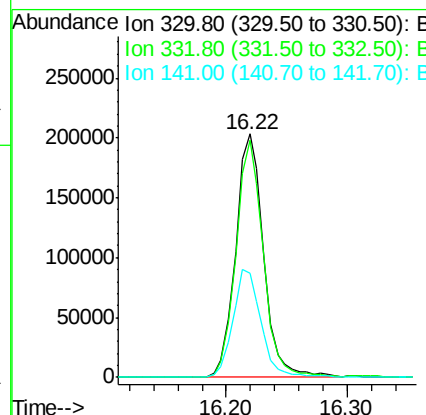
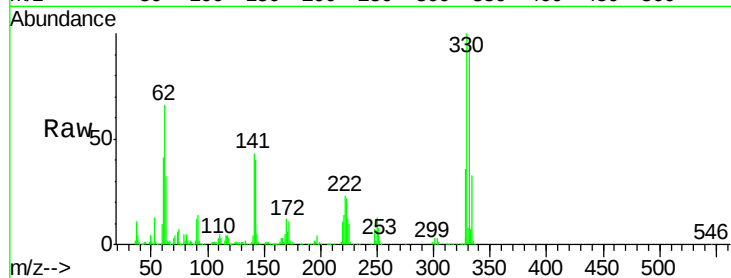




#41
 2,4,6-Tribromophenol
 Concen: 142.06 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024133.D
 Acq: 24 Sep 2016 20:56

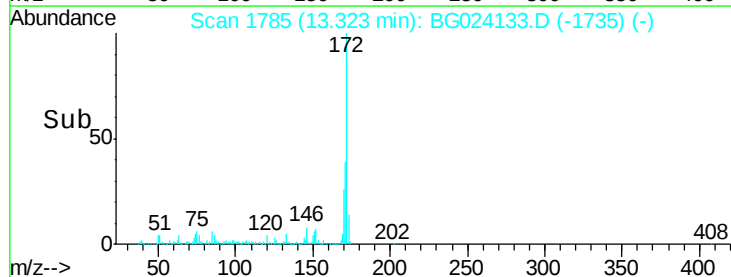
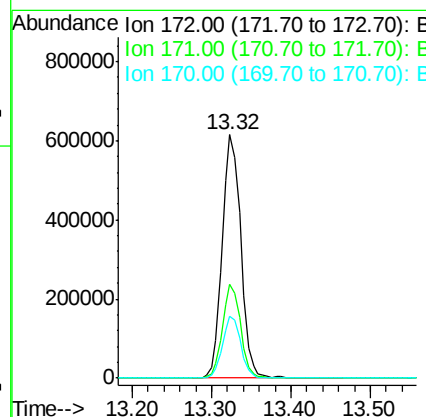
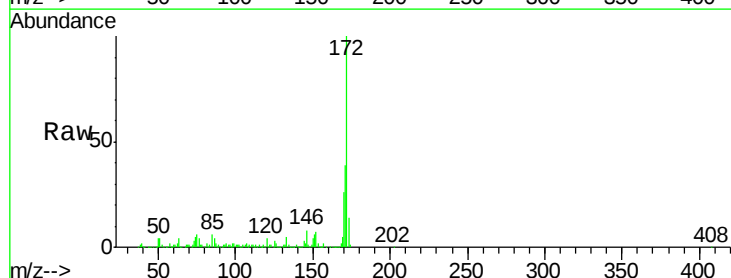
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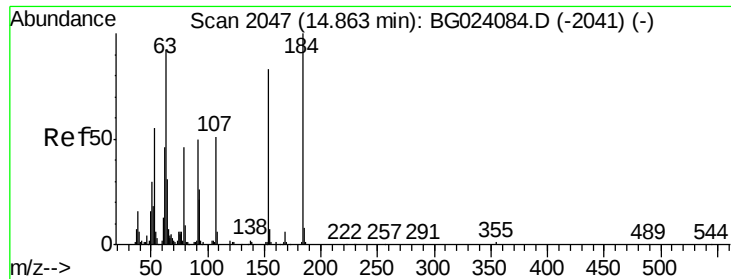
Tgt Ion:330 Resp: 327228
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 44.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 105.28 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024133.D
 Acq: 24 Sep 2016 20:56

Tgt Ion:172 Resp: 1003710
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.6 47.4
 170 25.7 21.3 31.9

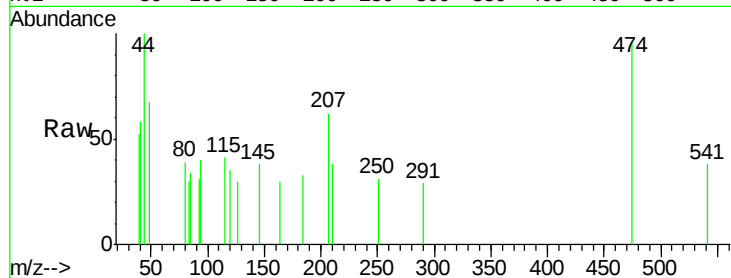




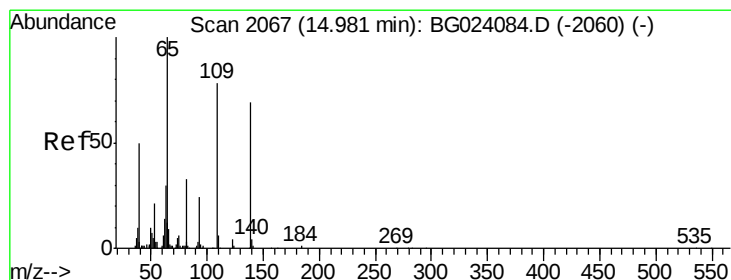
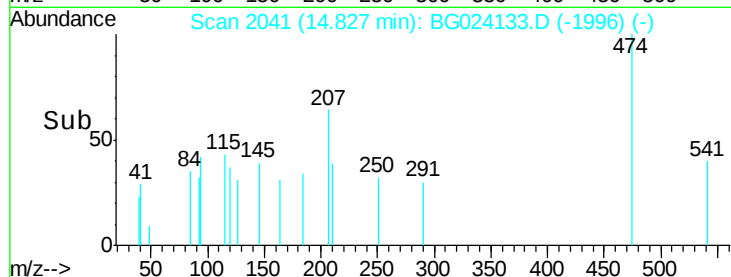
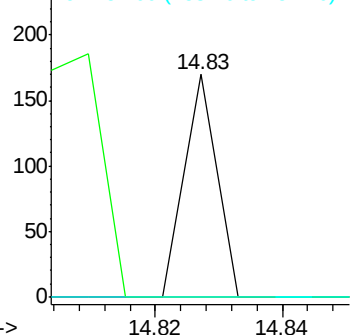
#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.04 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

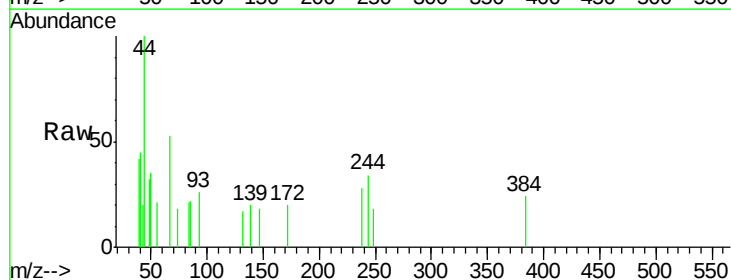


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

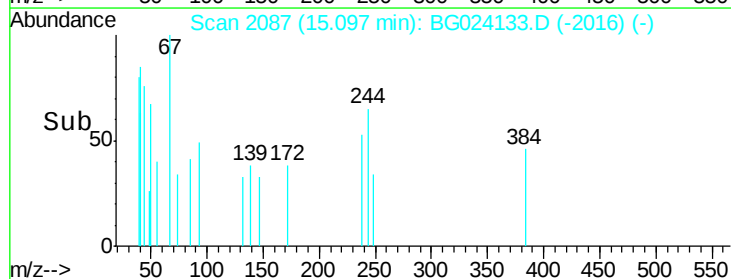
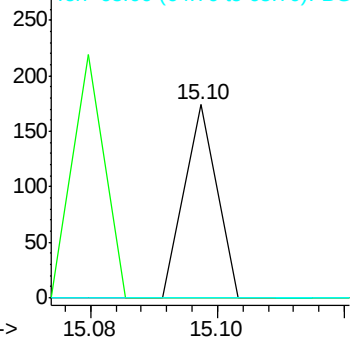


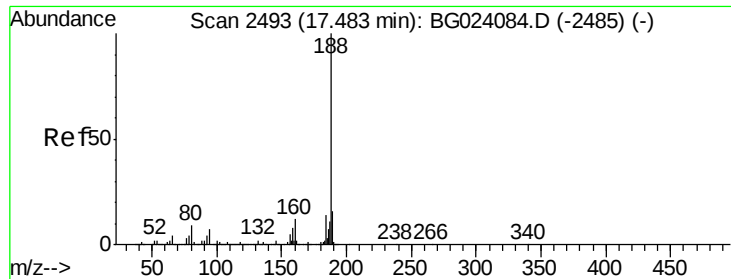
#55
4-Nitrophenol
Concen: 5.37 ng
RT: 15.10 min Scan# 2087
Delta R.T. 0.12 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:139 Resp: 61
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

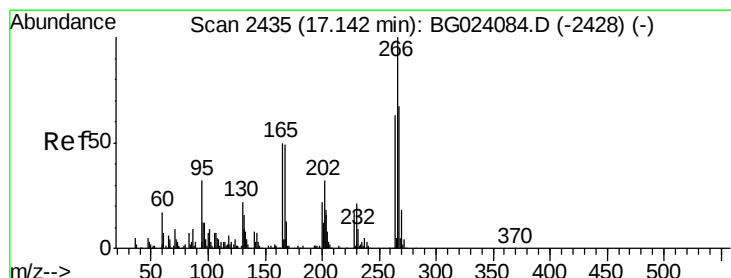
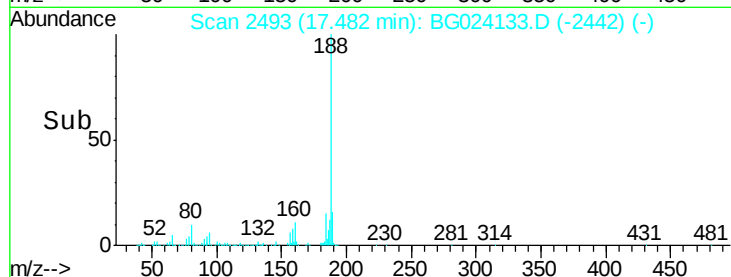
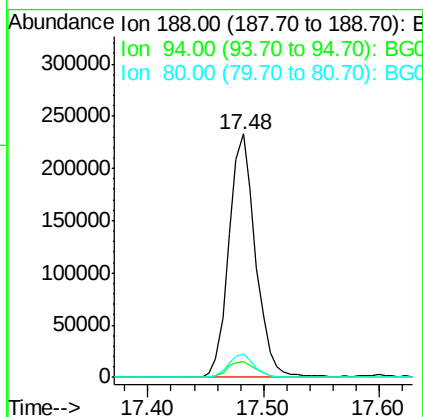
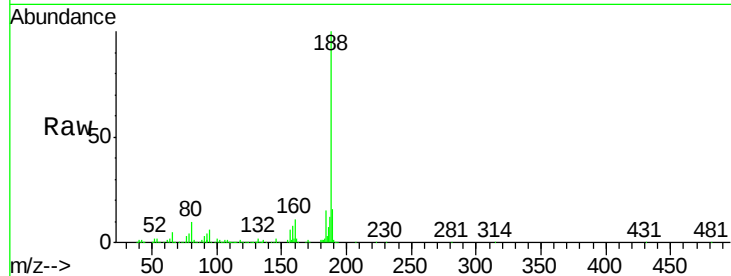




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

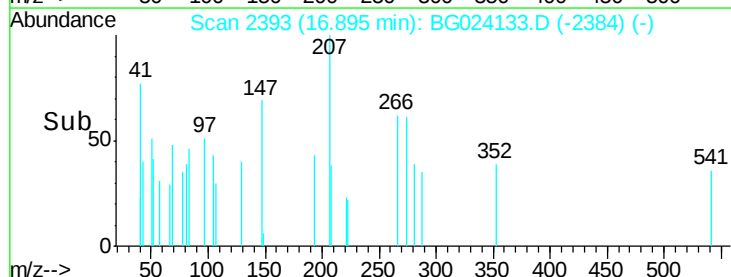
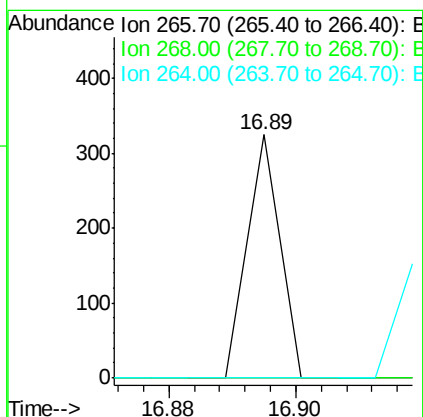
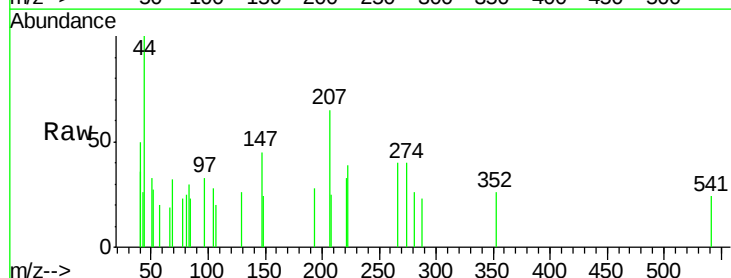
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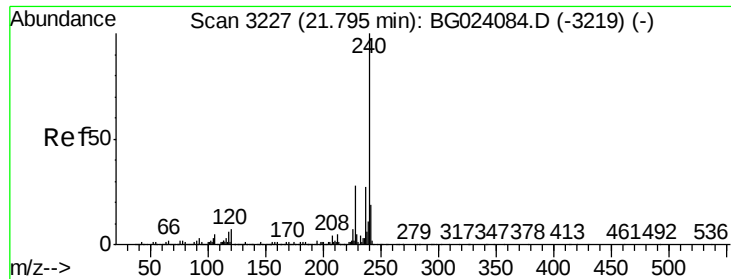
Tgt Ion:188 Resp: 370812
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 9.5 7.2 10.8



#69
Pentachlorophenol
Concen: 3.61 ng
RT: 16.89 min Scan# 2393
Delta R.T. -0.25 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:266 Resp: 115
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 0.0 50.6 75.8#

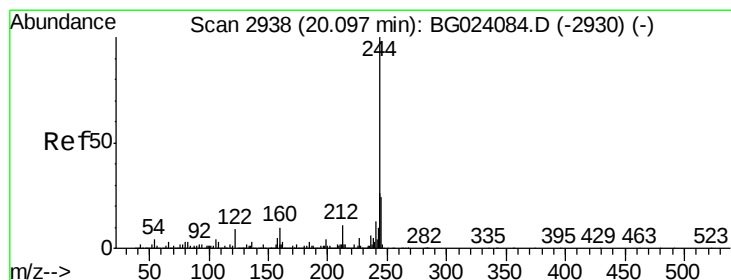
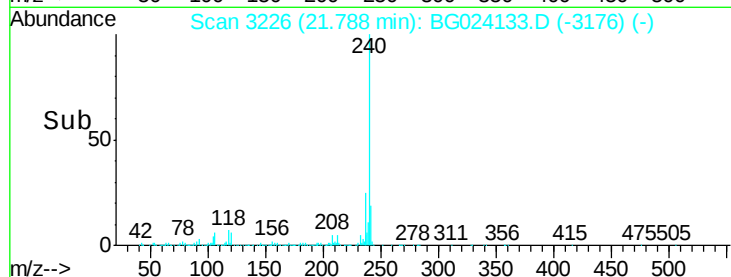
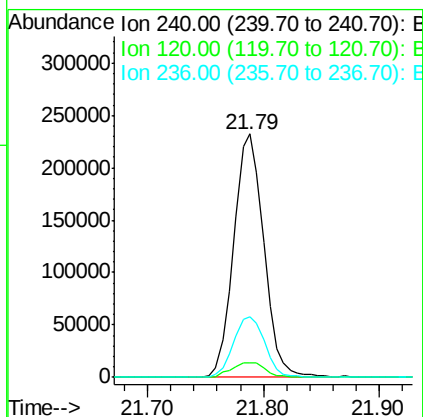
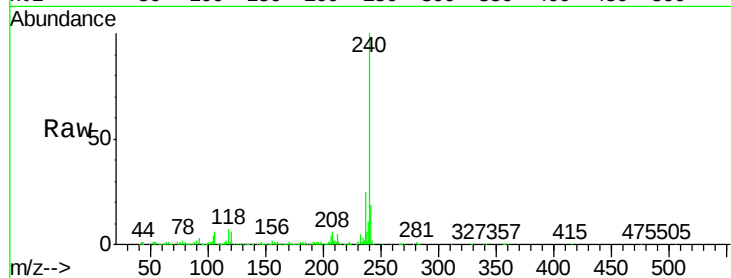




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

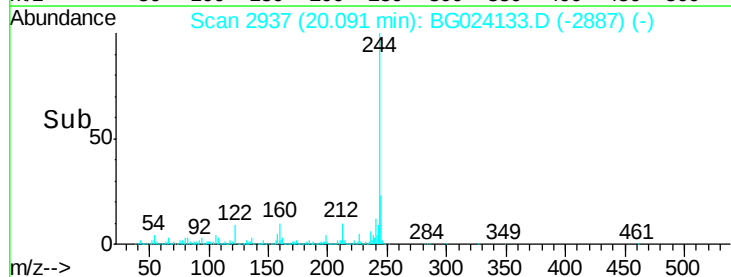
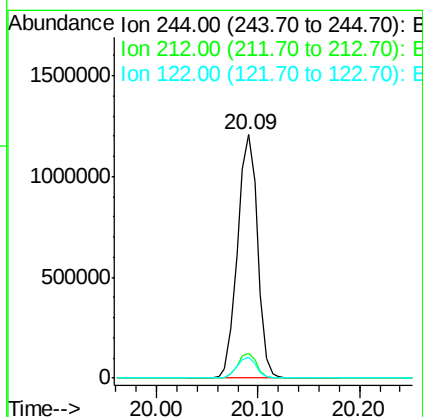
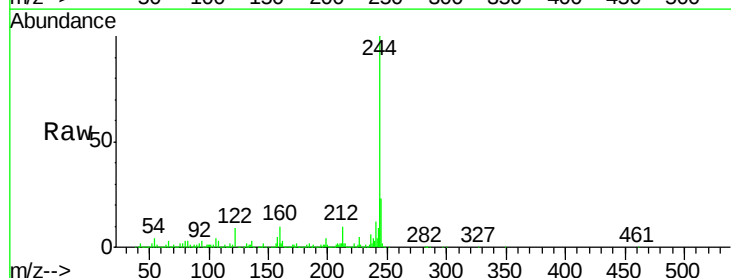
Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

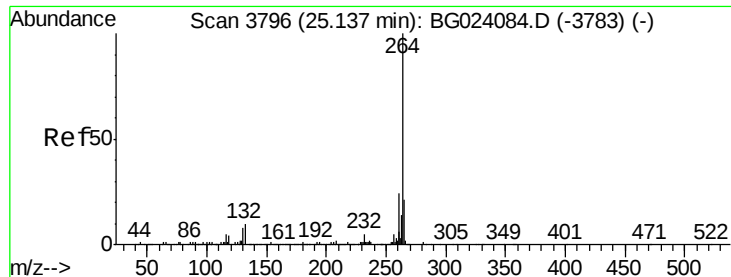
Tgt Ion:240 Resp: 418207
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 24.9 21.1 31.7



#78
Terphenyl-d14
Concen: 80.93 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:244 Resp: 1653008
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 8.8 8.0 12.0

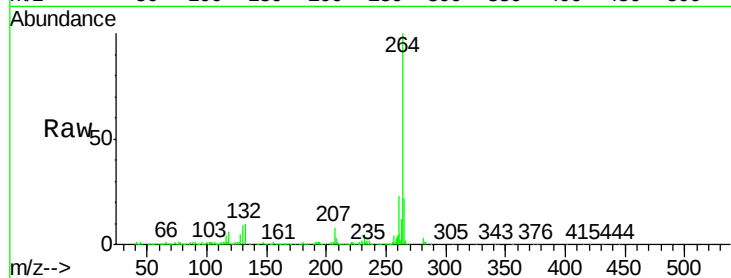




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion:	264	Resp:	409348
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.2	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

