

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024132.D
 Acq On : 24 Sep 2016 20:18
 Operator : UM/SJ
 Sample : H4897-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-092116

Quant Time: Sep 26 00:53:42 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

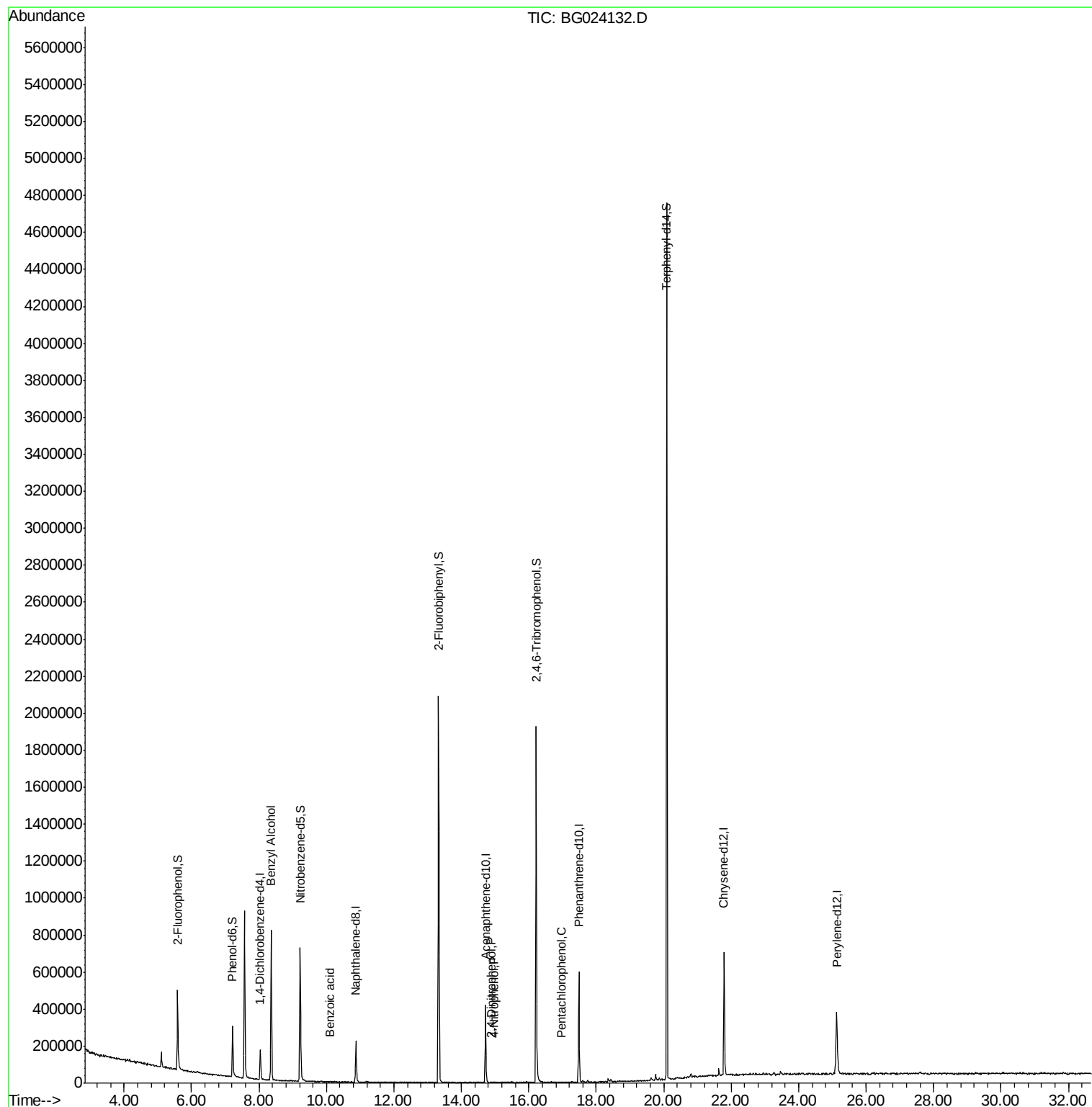
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43124	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	182877	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	157149	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	369150	20.00	ng	0.00
75) Chrysene-d12	21.79	240	418883	20.00	ng	0.00
86) Perylene-d12	25.13	264	400222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	187338	75.26	ng	0.00
7) Phenol-d6	7.21	99	177665	42.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	497939	107.31	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	350779	155.29	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1013211	108.38	ng	0.00
78) Terphenyl-d14	20.09	244	1838154	89.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	8814	2.17	ng	# 61
32) Benzoic acid	10.12	122	89	2.19	ng	# 1
53) 2,4-Dinitrophenol	14.88	184	62	2.50	ng	# 10
55) 4-Nitrophenol	14.97	139	55	5.37	ng	# 1
69) Pentachlorophenol	16.96	266	67	3.59	ng	# 18

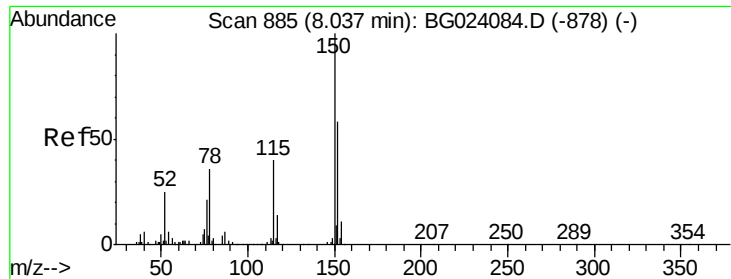
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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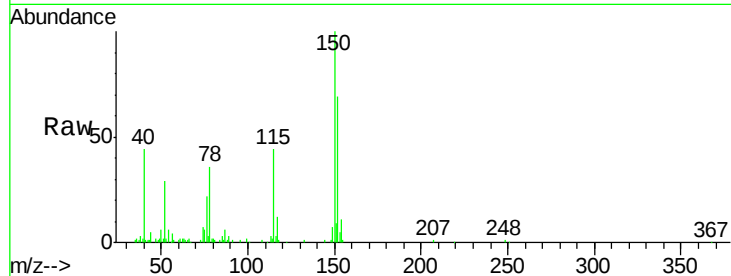


#1

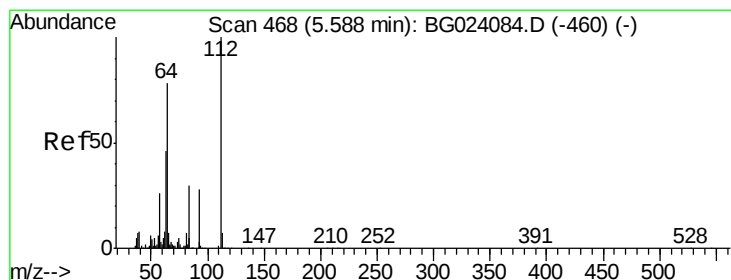
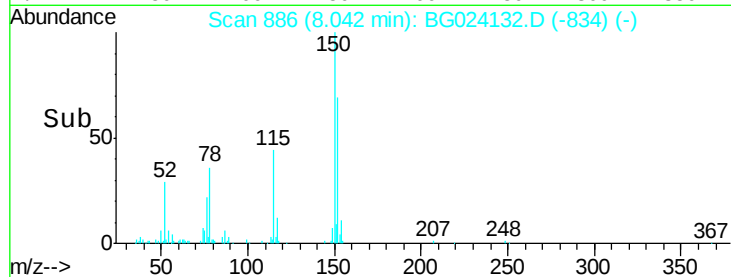
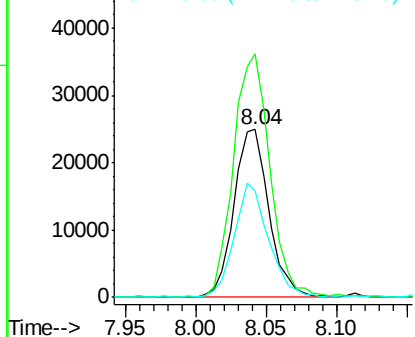
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Instrument :
BNA_G
ClientSampleId :
FB-092116

Tgt Ion:152 Resp: 43124
Ion Ratio Lower Upper
152 100
150 144.9 144.7 217.1
115 63.7 64.0 96.0#



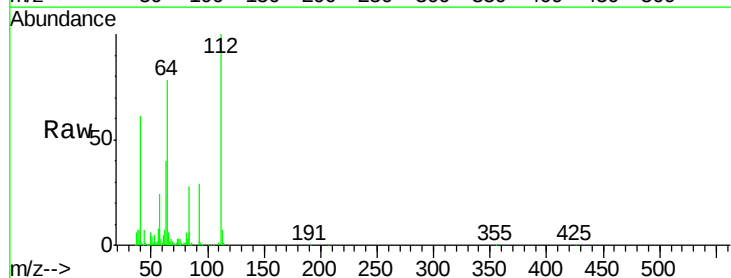
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



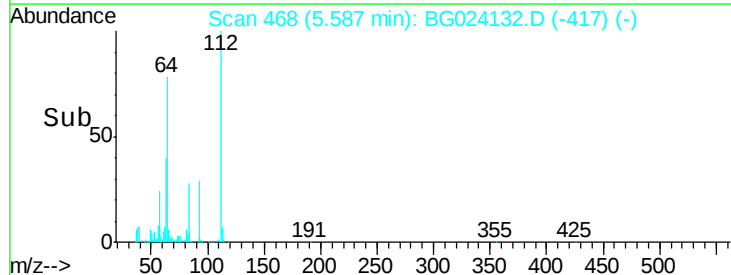
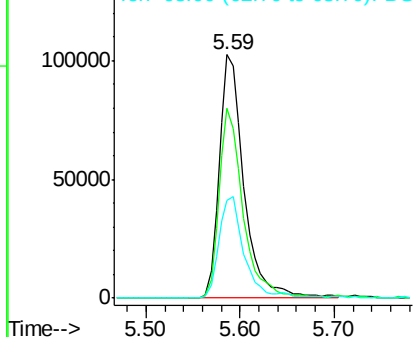
#5

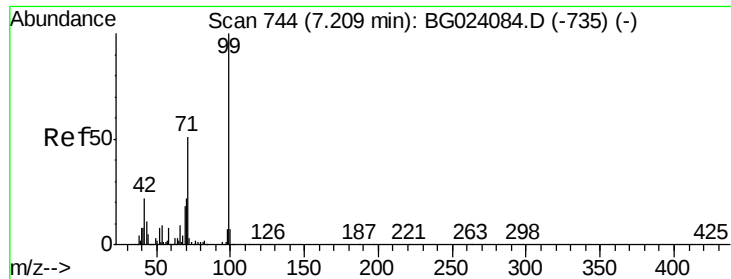
2-Fluorophenol
Concen: 75.26 ng
RT: 5.59 min Scan# 468
Delta R.T. -0.00 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Tgt Ion:112 Resp: 187338
Ion Ratio Lower Upper
112 100
64 77.8 59.0 88.4
63 40.1 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: 42.42 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

Instrument :

BNA_G

ClientSampleId :

FB-092116

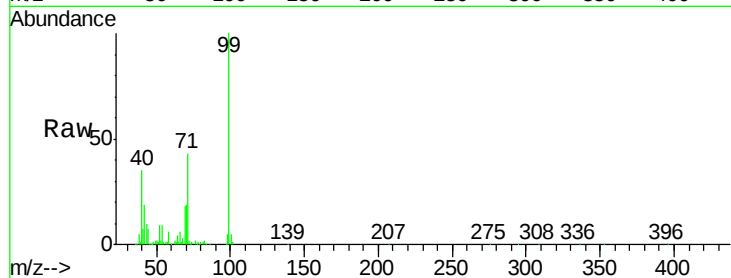
Tgt Ion: 99 Resp: 177665

Ion Ratio Lower Upper

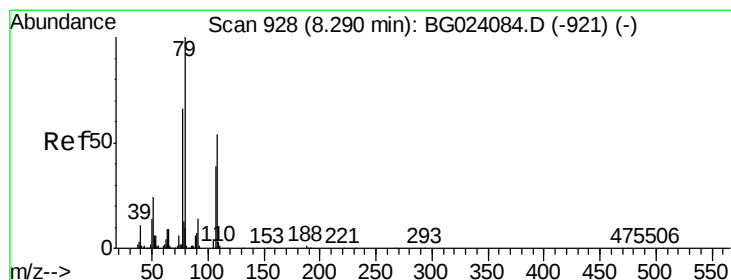
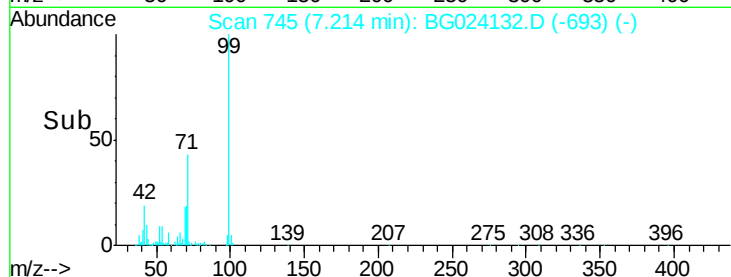
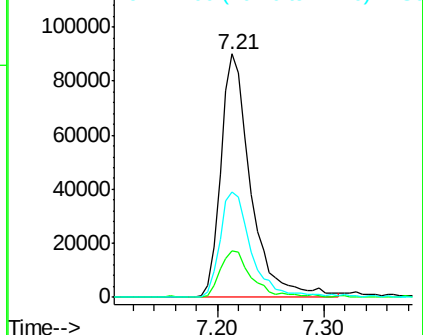
99 100

42 19.1 17.8 26.6

71 43.5 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: 2.17 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

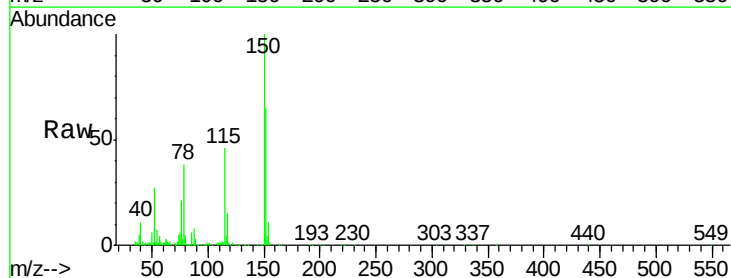
Tgt Ion: 79 Resp: 8814

Ion Ratio Lower Upper

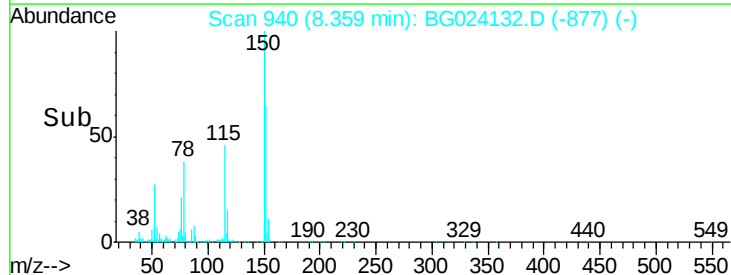
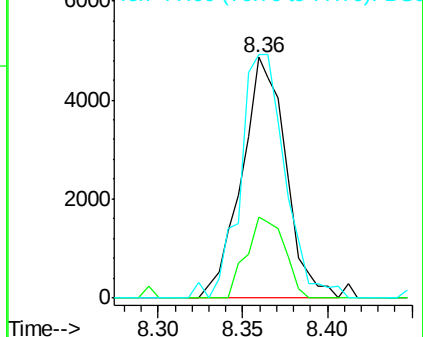
79 100

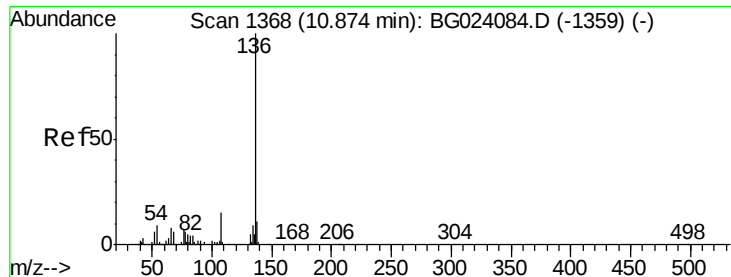
108 33.6 46.5 69.7#

77 101.2 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

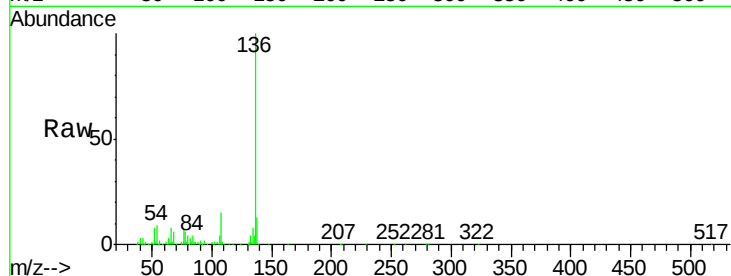




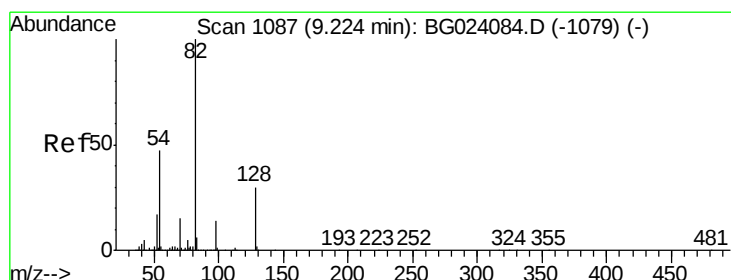
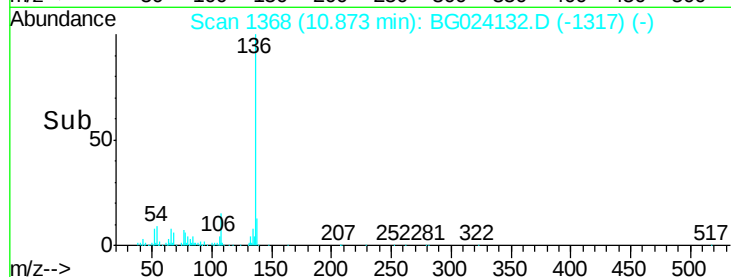
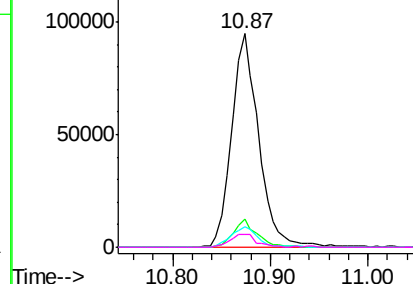
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Instrument :
BNA_G
ClientSampleId :
FB-092116

Tgt Ion:	136	Resp:	182877
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.6	14.4
54	9.5	7.3	10.9
68	5.7	5.3	7.9

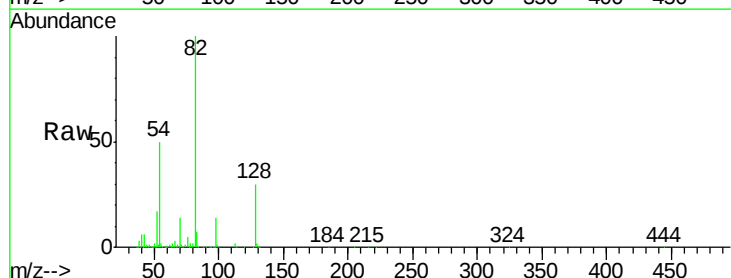


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

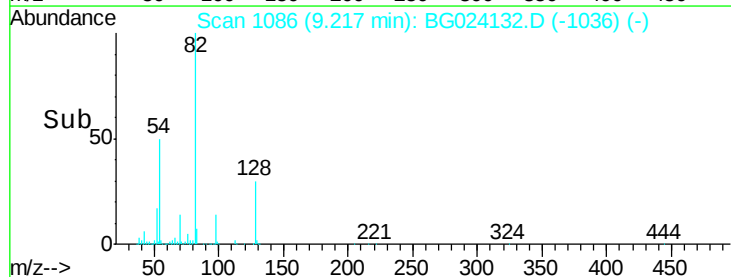
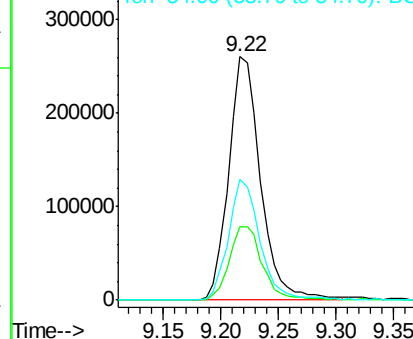


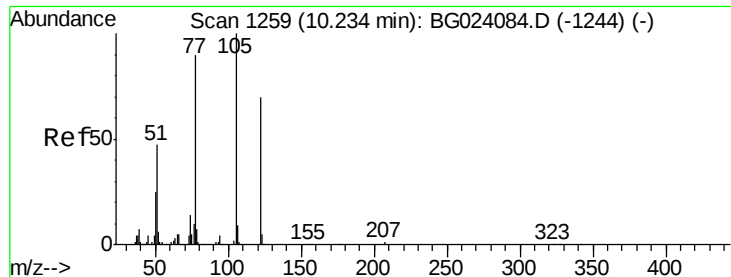
#23
Nitrobenzene-d5
Concen: 107.31 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Tgt Ion:	82	Resp:	497939
Ion	Ratio	Lower	Upper
82	100		
128	30.1	24.4	36.6
54	49.8	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: 2.19 ng

RT: 10.12 min Scan# 1239

Delta R.T. -0.12 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

Instrument :

BNA_G

ClientSampleId :

FB-092116

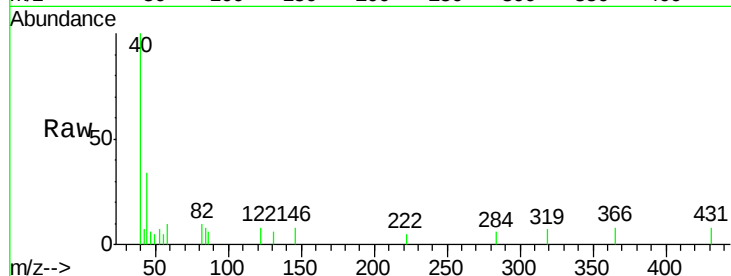
Tgt Ion:122 Resp: 89

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

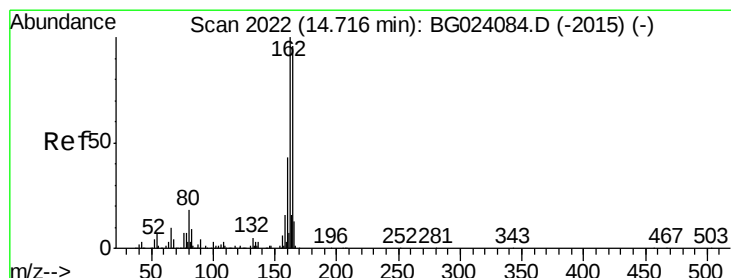
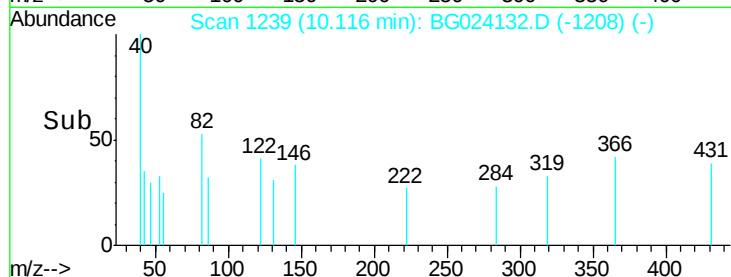
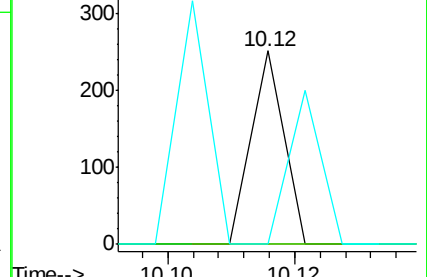
77 0.0 109.2 149.2#



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): BG



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

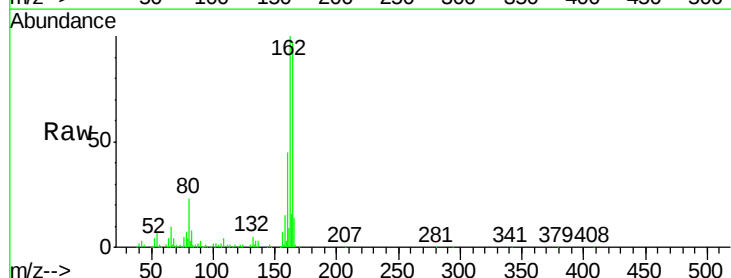
Tgt Ion:164 Resp: 157149

Ion Ratio Lower Upper

164 100

162 102.9 87.7 131.5

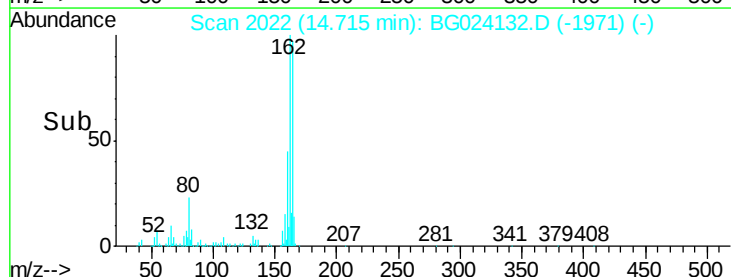
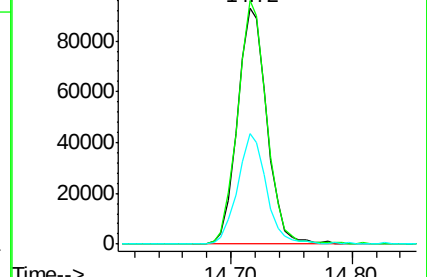
160 46.8 37.2 55.8

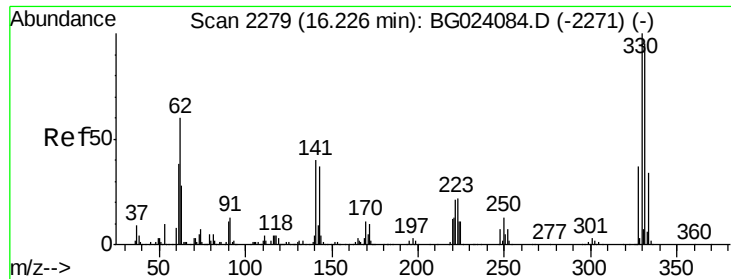


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

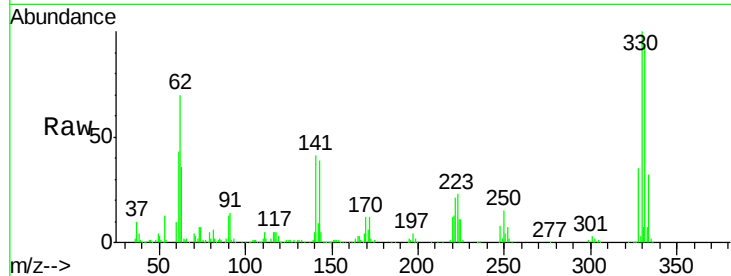




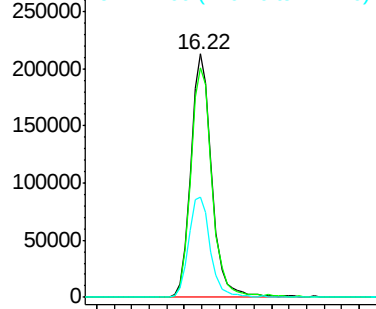
#41
 2,4,6-Tribromophenol
 Concen: 155.29 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Instrument :
 BNA_G
 ClientSampled :
 FB-092116

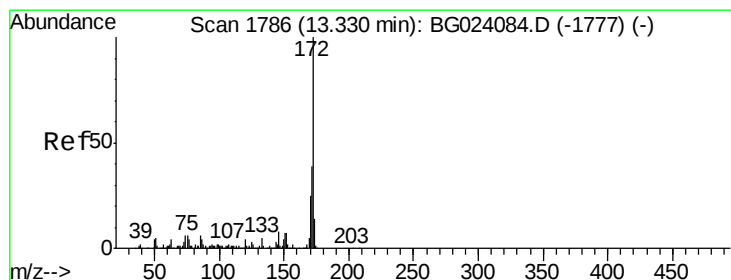
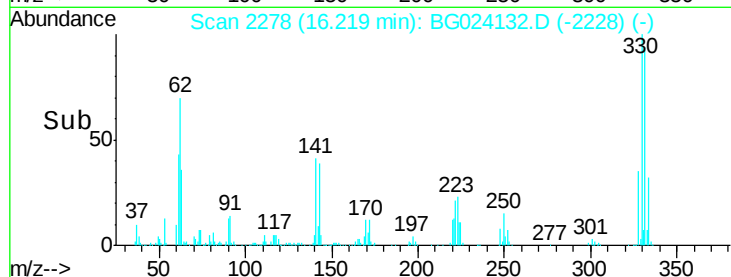
Tgt Ion:330 Resp: 350779
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 42.8 31.7 47.5



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

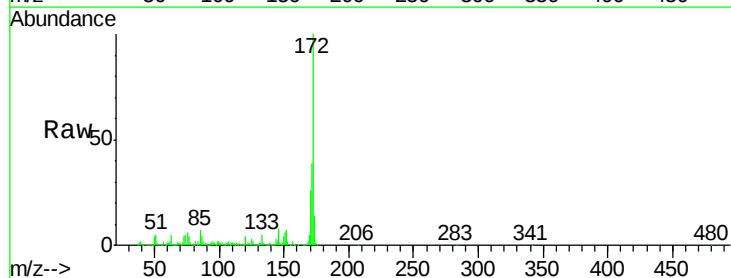


Time--> 16.10 16.20 16.30

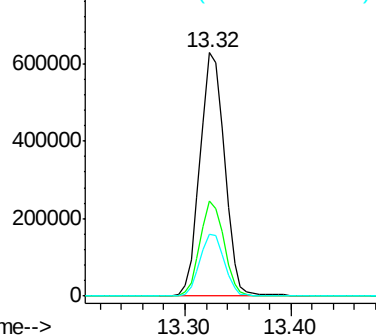


#44
 2-Fluorobiphenyl
 Concen: 108.38 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

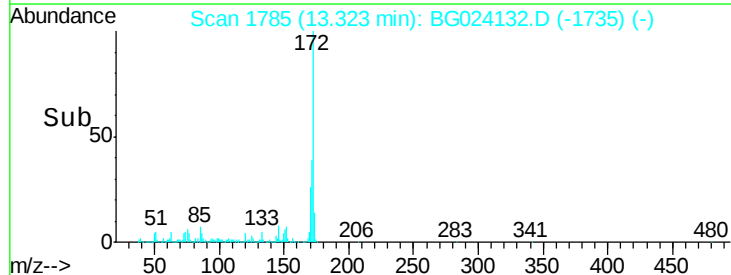
Tgt Ion:172 Resp: 1013211
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.6 47.4
 170 25.6 21.3 31.9

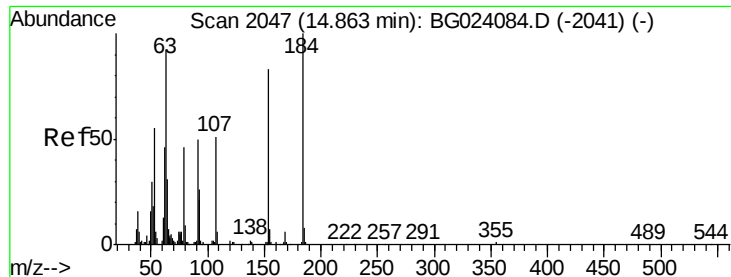


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 13.30 13.40

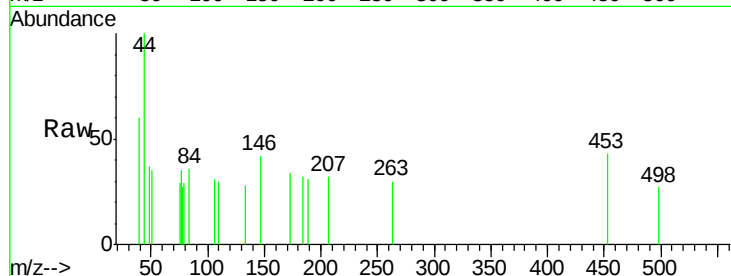




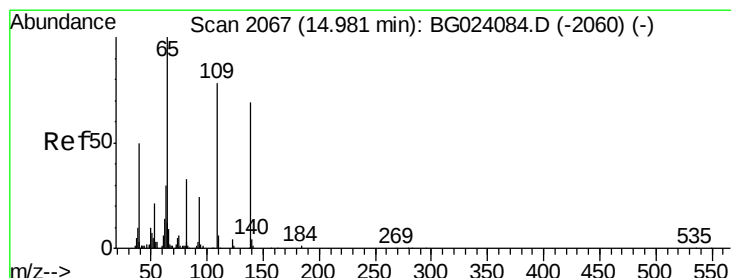
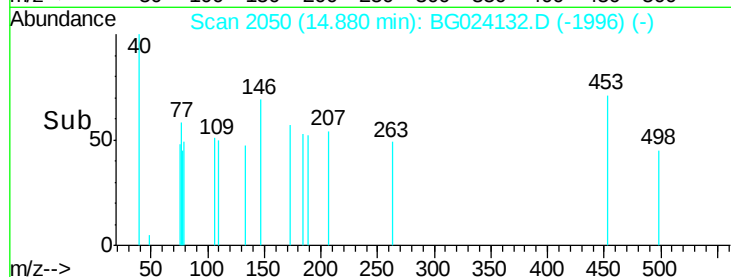
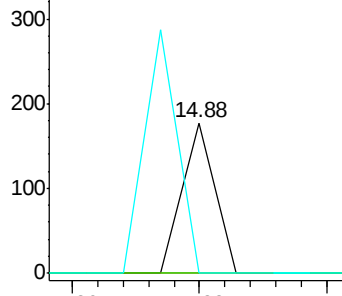
#53
 2,4-Dinitrophenol
 Concen: 2.50 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. 0.02 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Instrument :
 BNA_G
 ClientSampleId :
 FB-092116

Tgt Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#

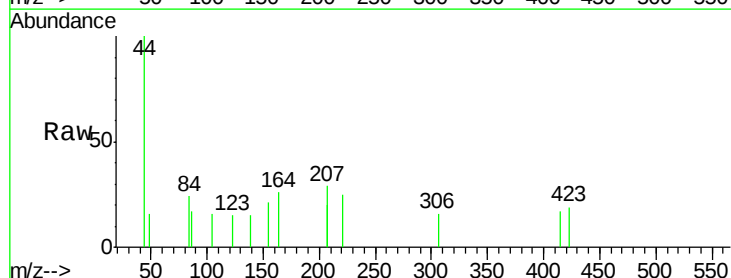


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

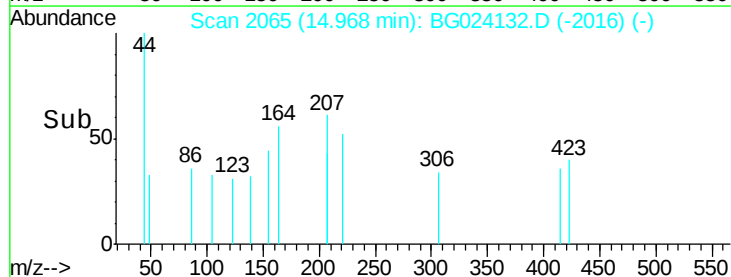
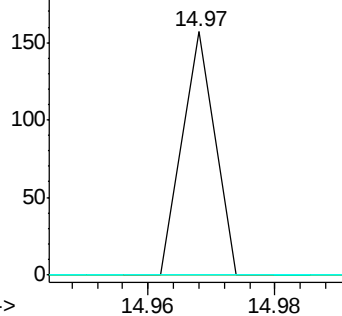


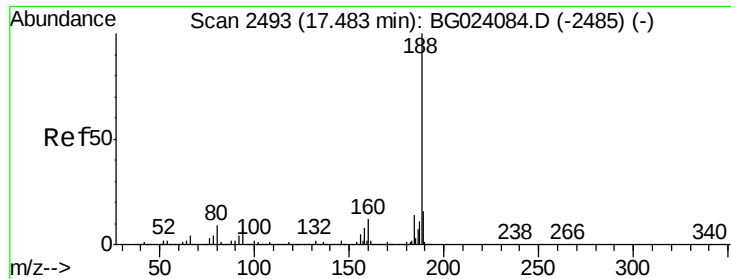
#55
 4-Nitrophenol
 Concen: 5.37 ng
 RT: 14.97 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Tgt Ion:139 Resp: 55
 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: BG024132.D

Acq: 24 Sep 2016 20:18

Instrument :

BNA_G

ClientSampleId :

FB-092116

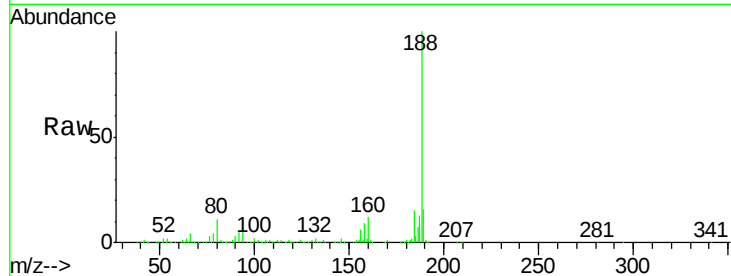
Tgt Ion:188 Resp: 369150

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

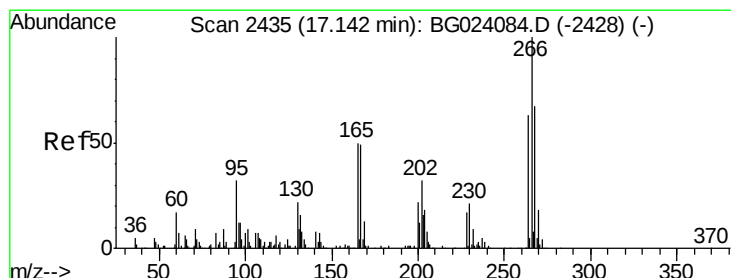
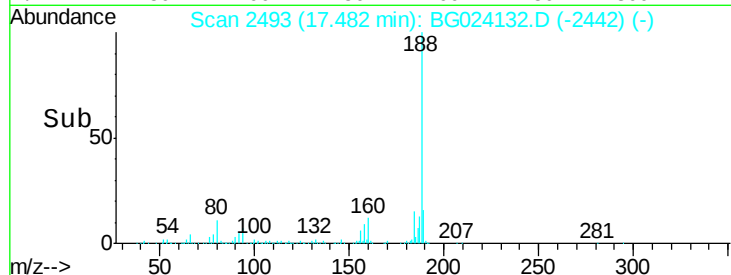
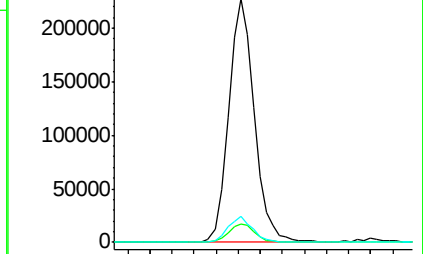
80 10.7 7.2 10.8



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: 3.59 ng

RT: 16.96 min Scan# 2404

Delta R.T. -0.18 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

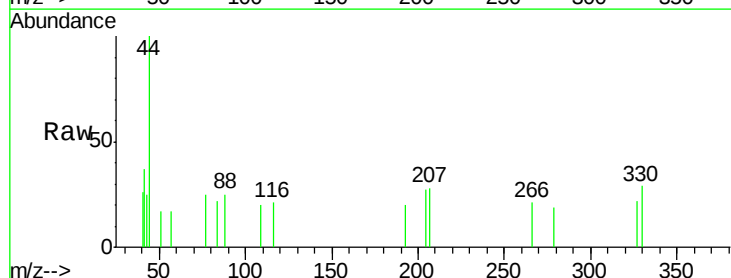
Tgt Ion:266 Resp: 67

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

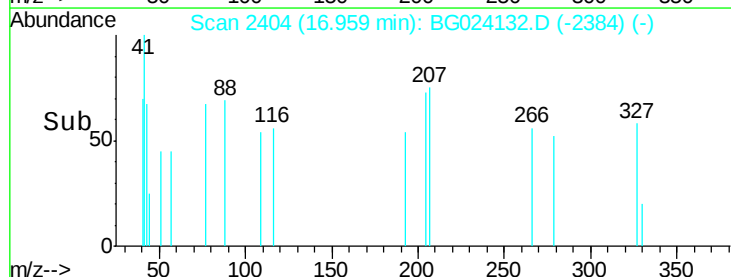
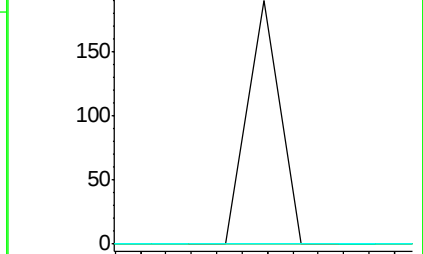
264 0.0 50.6 75.8#

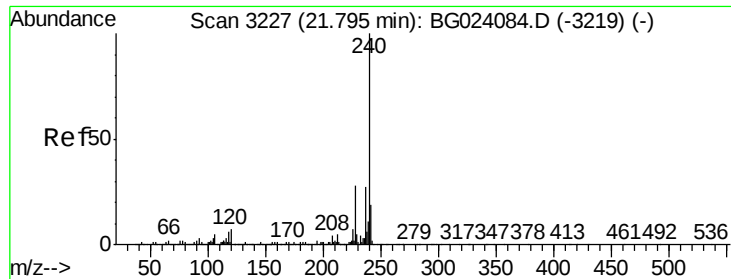


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

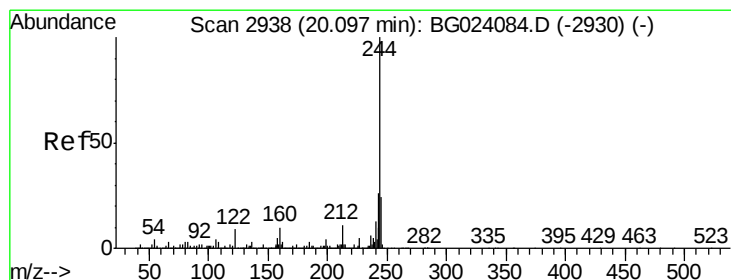
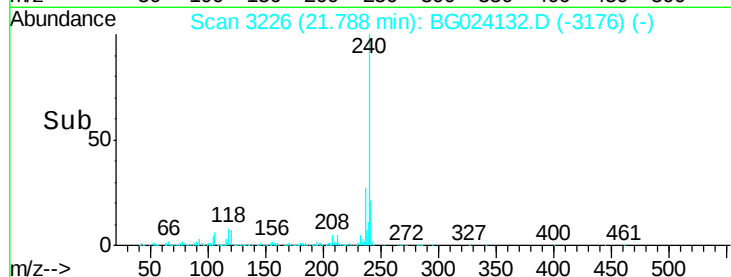
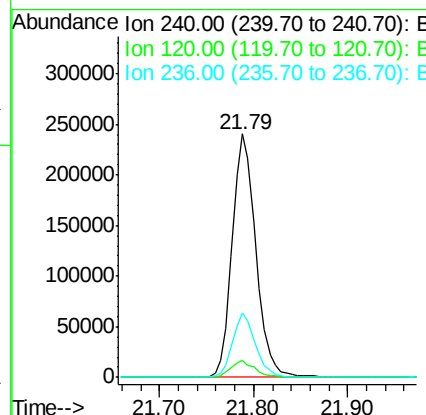
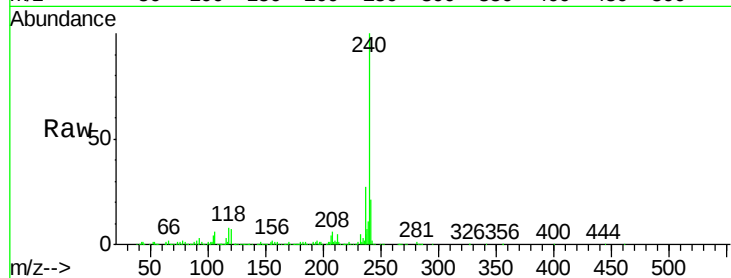




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

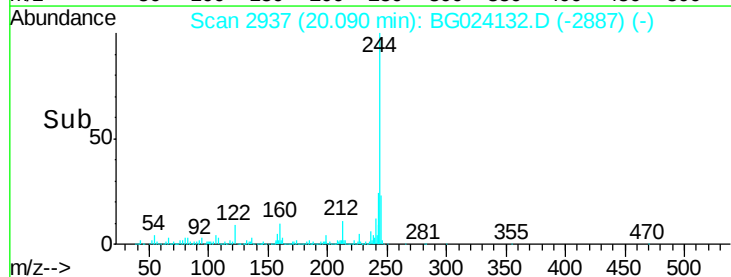
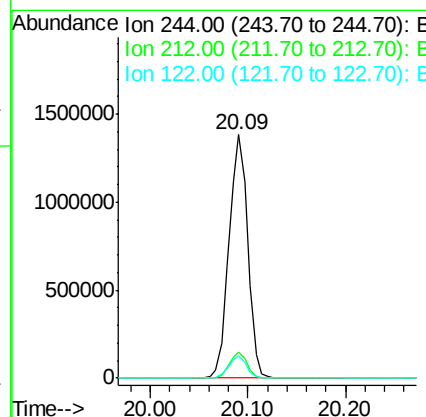
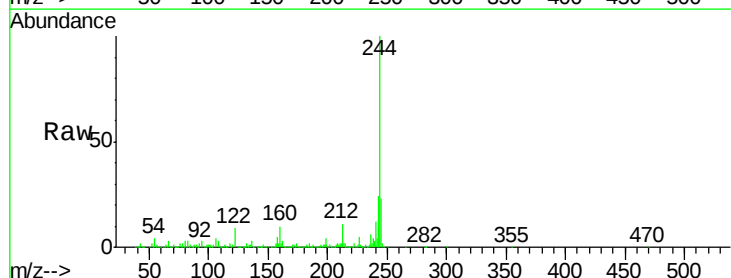
Instrument :
 BNA_G
 ClientSampleId :
 FB-092116

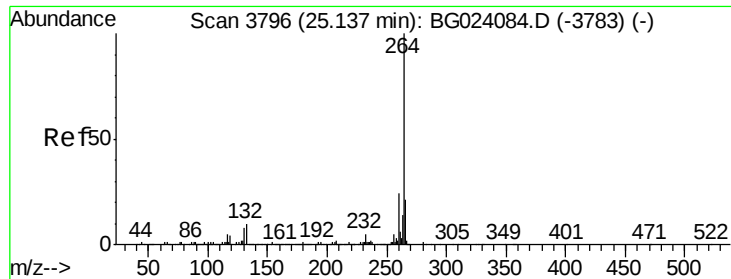
Tgt Ion:240 Resp: 418883
 Ion Ratio Lower Upper
 240 100
 120 7.2 4.1 6.1#
 236 26.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 89.85 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Tgt Ion:244 Resp: 1838154
 Ion Ratio Lower Upper
 244 100
 212 10.6 10.8 16.2#
 122 8.9 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Instrument :
BNA_G
ClientSampleId :
FB-092116

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	20.1	18.9	28.3

