

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
 Data File : BG024168.D
 Acq On : 30 Sep 2016 20:39
 Operator : UM/SJ
 Sample : H4998-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-1-3

Quant Time: Oct 01 00:19:22 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

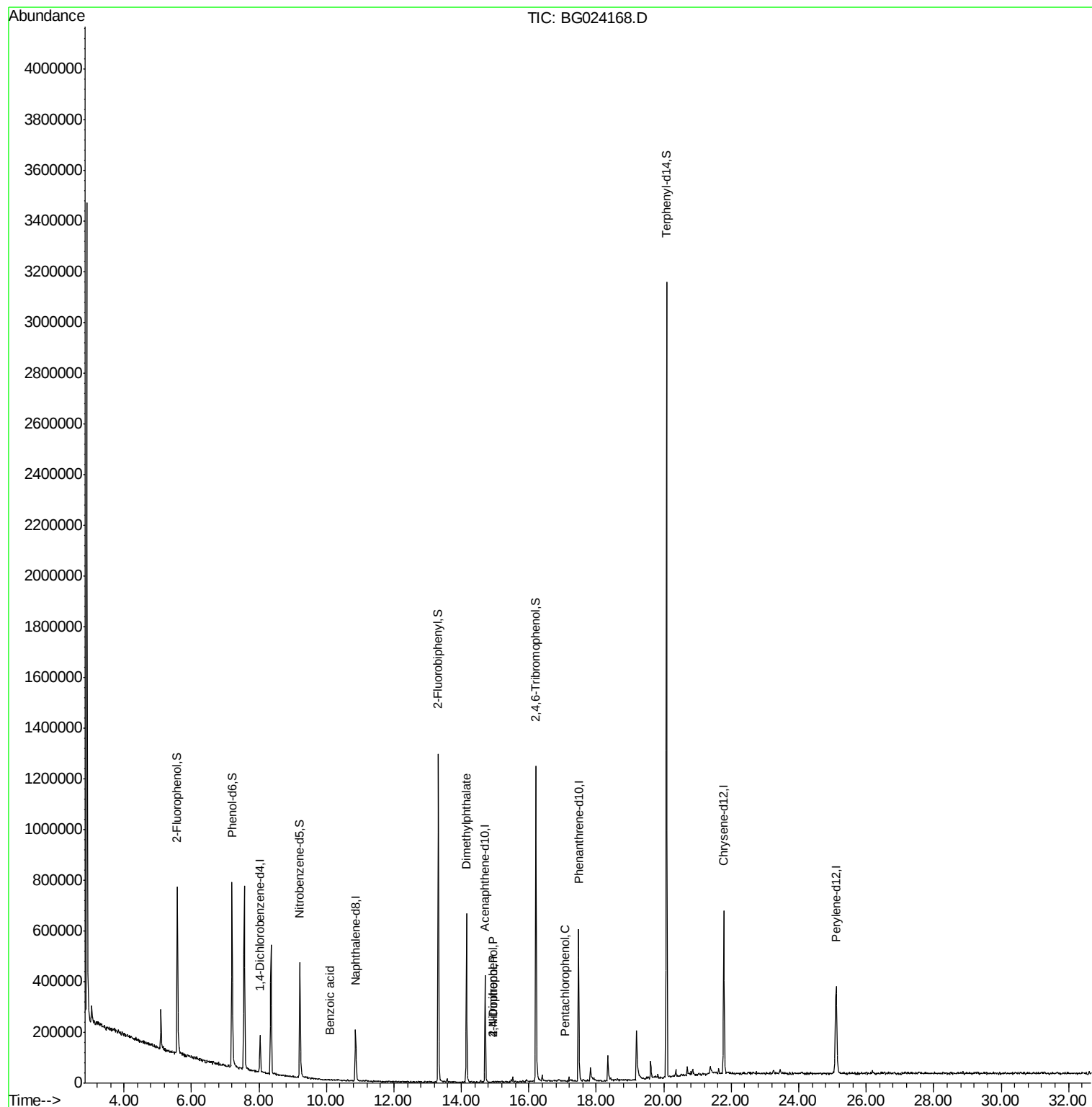
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37400	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	172334	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	143233	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	357305	20.00	ng	0.00
75) Chrysene-d12	21.78	240	416588	20.00	ng	-0.01
86) Perylene-d12	25.11	264	411060	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	283163	131.17	ng	0.00
7) Phenol-d6	7.20	99	428035	117.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	319974	73.18	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	219530	106.63	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	643583	75.53	ng	-0.01
78) Terphenyl-d14	20.08	244	1196350	58.80	ng	-0.01
Target Compounds						
32) Benzoic acid	10.11	122	73	2.19	ng	# 1
49) Dimethylphthalate	14.15	163	419431	38.17	ng	# 98
53) 2,4-Dinitrophenol	14.95	184	65	2.50	ng	# 10
55) 4-Nitrophenol	14.94	139	92	5.39	ng	# 1
69) Pentachlorophenol	17.07	266	62	3.59	ng	# 18

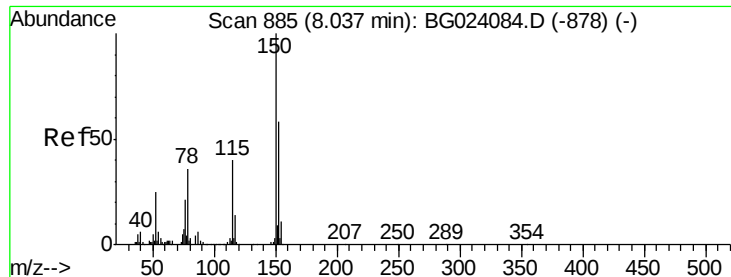
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUP-B044-1-3

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QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

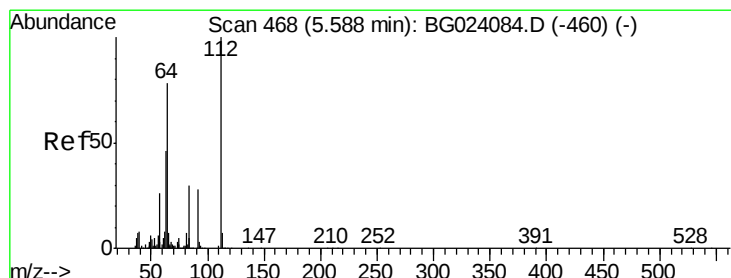
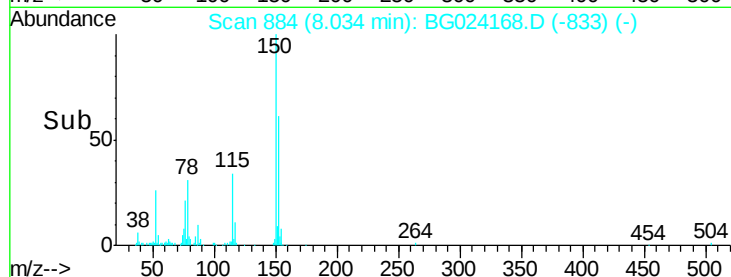
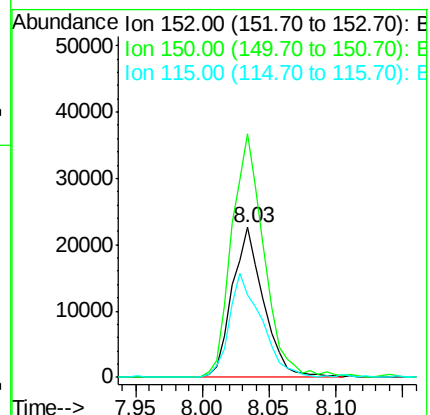
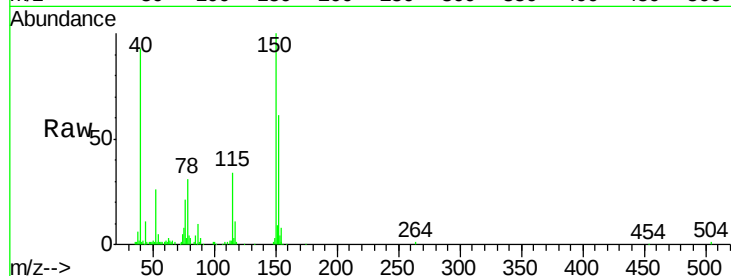
Tgt Ion:152 Resp: 37400

Ion Ratio Lower Upper

152 100

150 162.7 144.7 217.1

115 55.2 64.0 96.0#



#5

2-Fluorophenol

Concen: 131.17 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

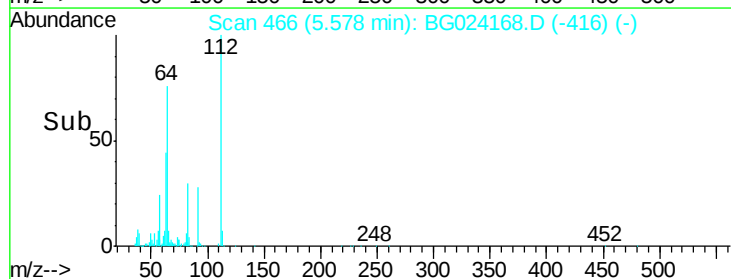
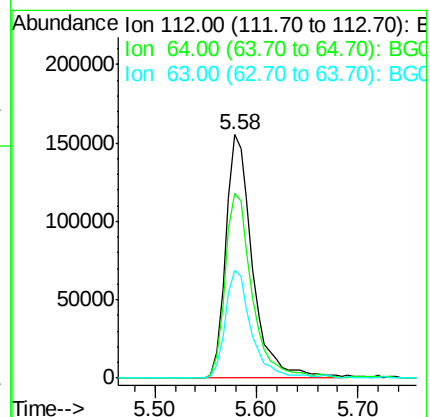
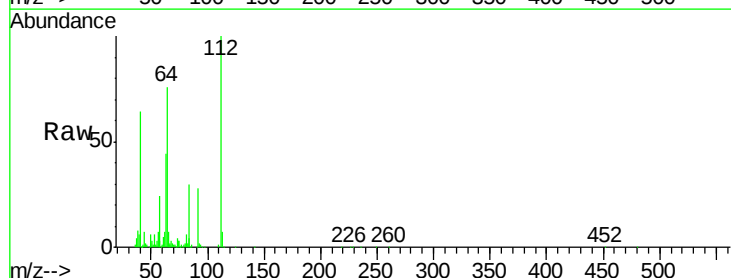
Tgt Ion:112 Resp: 283163

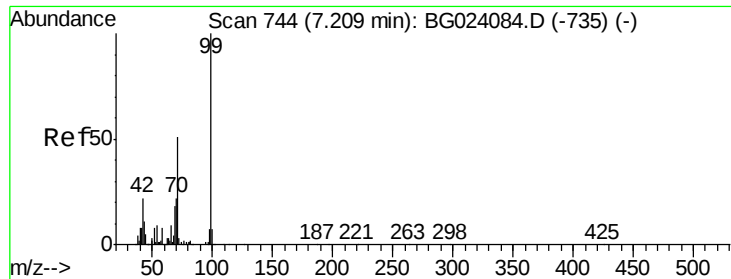
Ion Ratio Lower Upper

112 100

64 76.0 59.0 88.4

63 44.3 37.8 56.8





#7

Phenol-d6

Concen: 117.84 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

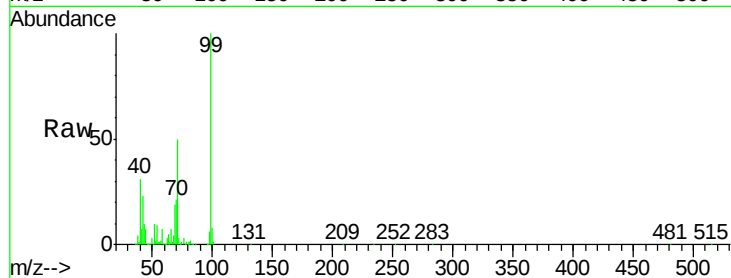
Tgt Ion: 99 Resp: 428035

Ion Ratio Lower Upper

99 100

42 22.7 17.8 26.6

71 49.5 41.5 62.3

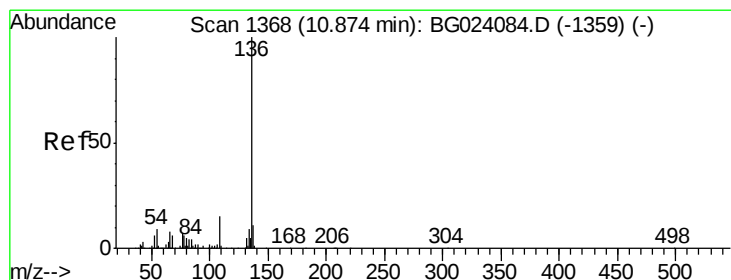
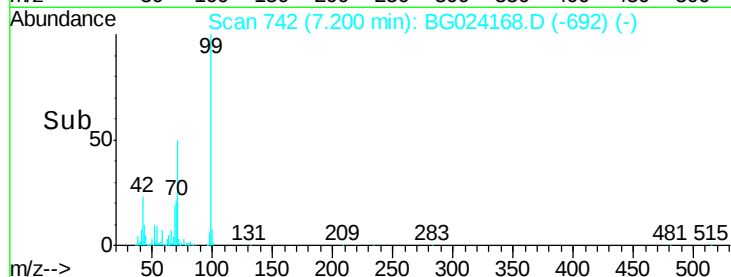
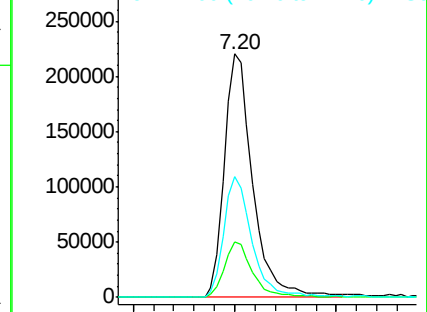


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Tgt Ion: 136 Resp: 172334

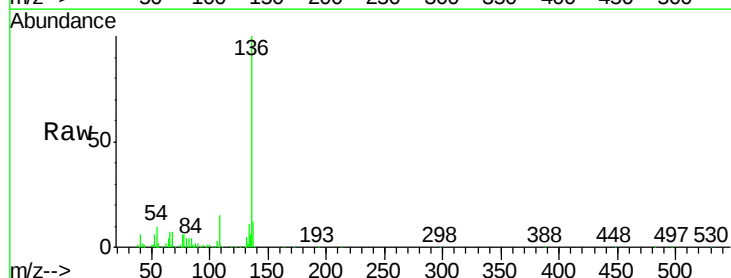
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.9 7.3 10.9

68 6.7 5.3 7.9



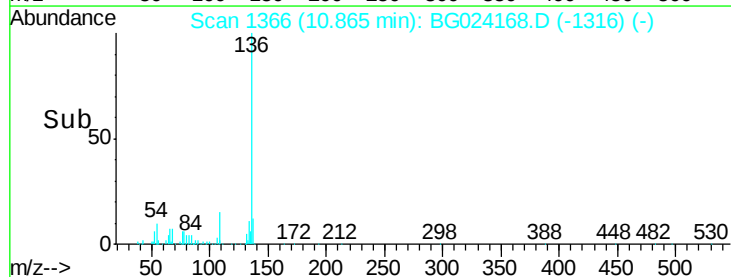
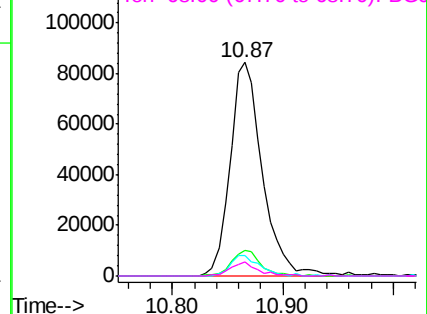
Abundance

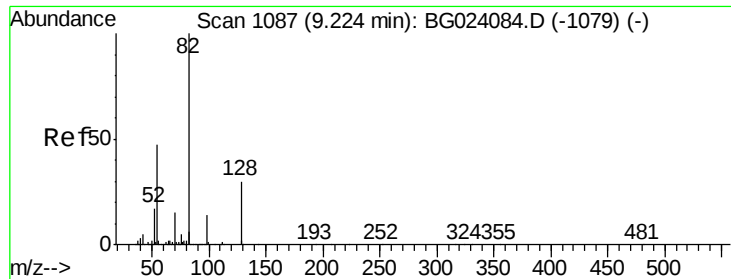
Ion 136.00 (135.70 to 136.70): BGC

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

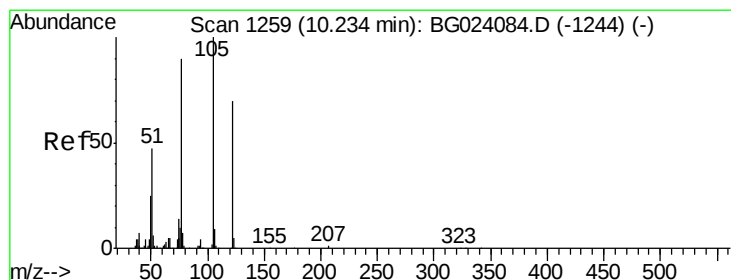
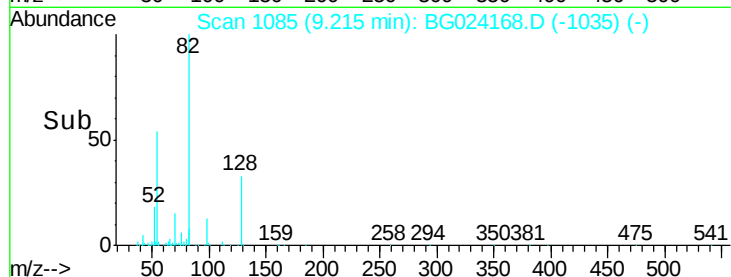
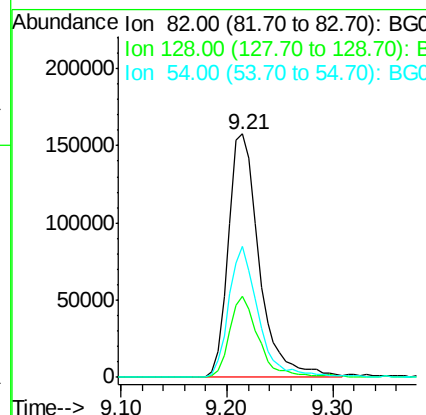
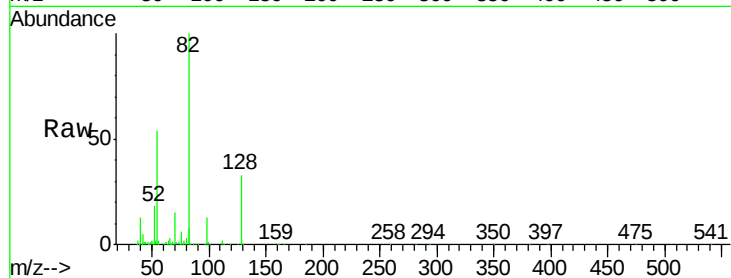




#23
 Nitrobenzene-d5
 Concen: 73.18 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

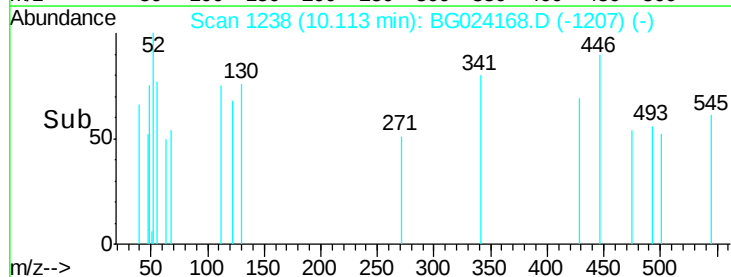
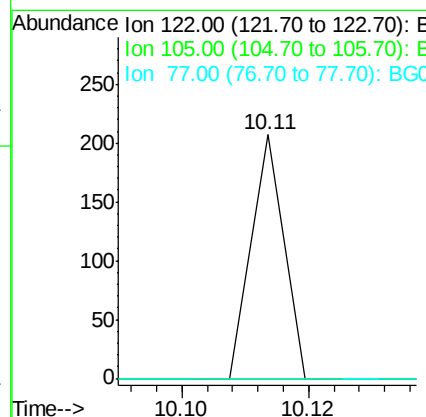
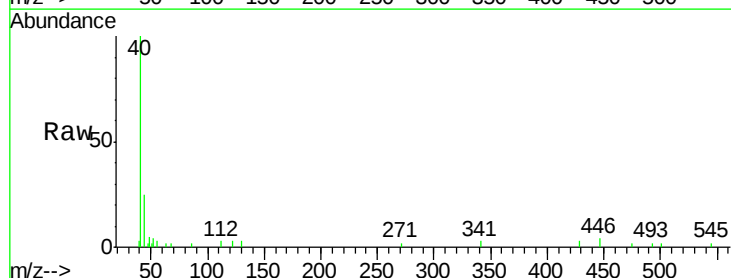
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-1-3

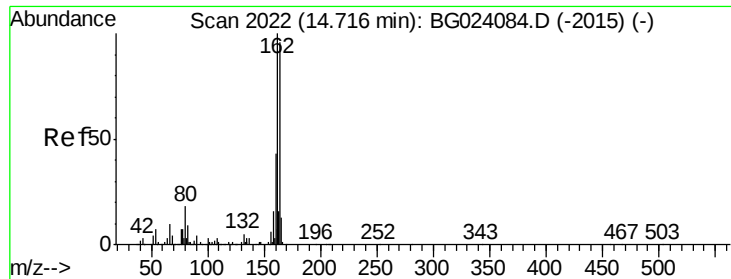
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	54.0	41.4	62.0



#32
 Benzoic acid
 Concen: 2.19 ng
 RT: 10.11 min Scan# 1238
 Delta R.T. -0.12 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

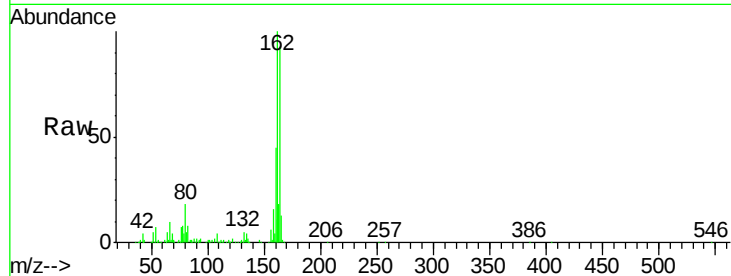
Tgt Ion:164 Resp: 143233

Ion Ratio Lower Upper

164 100

162 107.3 87.7 131.5

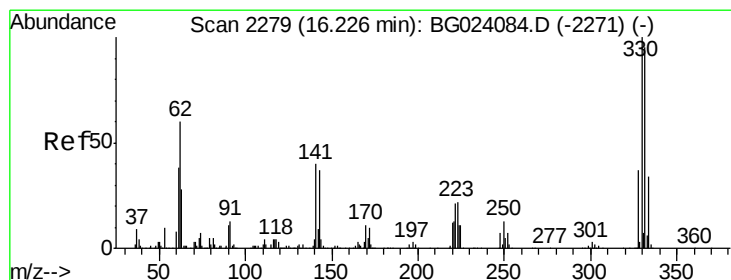
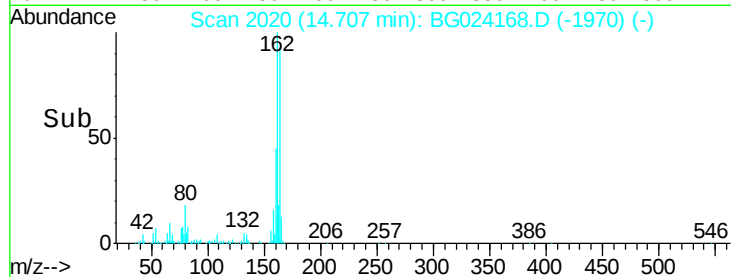
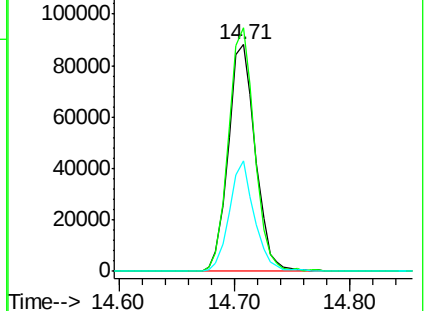
160 48.7 37.2 55.8



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: 106.63 ng

RT: 16.21 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

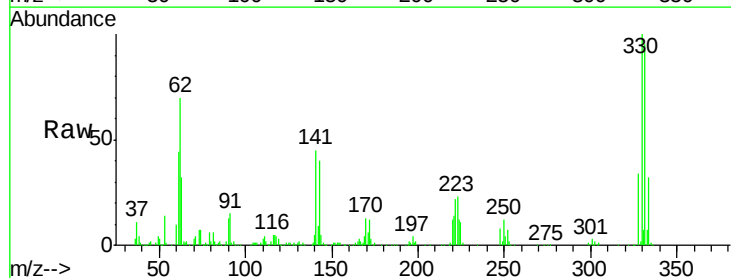
Tgt Ion:330 Resp: 219530

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

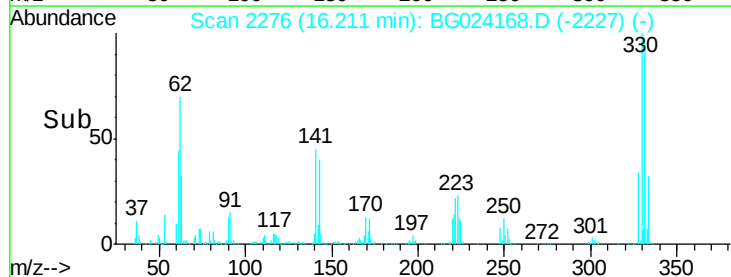
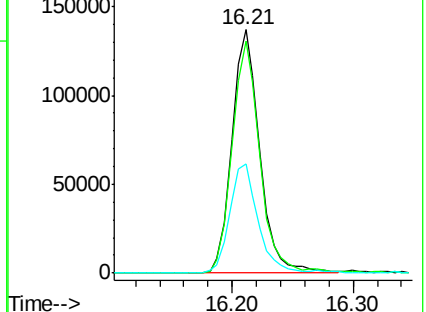
141 46.3 31.7 47.5

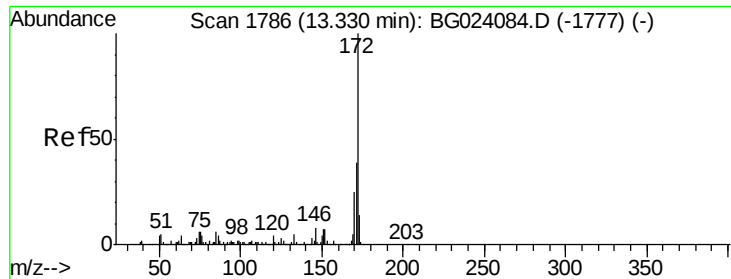


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 75.53 ng

RT: 13.32 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

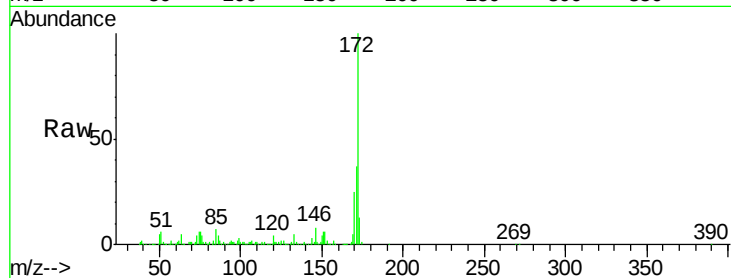
Tgt Ion:172 Resp: 643583

Ion Ratio Lower Upper

172 100

171 37.0 31.6 47.4

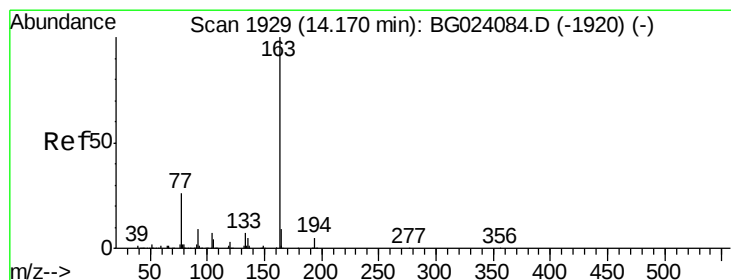
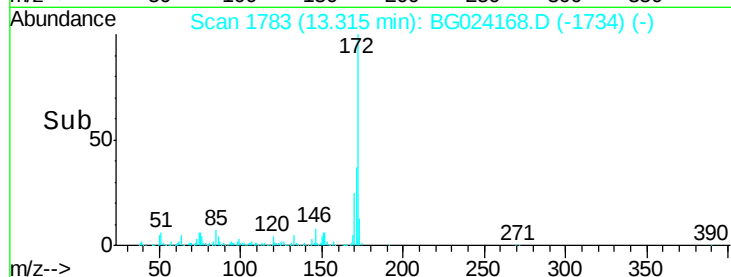
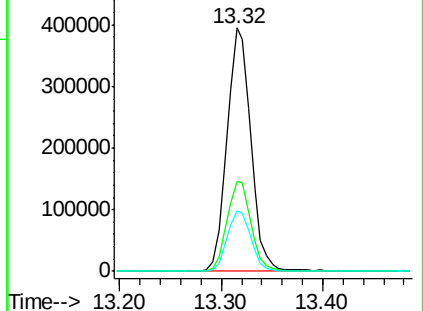
170 24.8 21.3 31.9



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: 38.17 ng

RT: 14.15 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

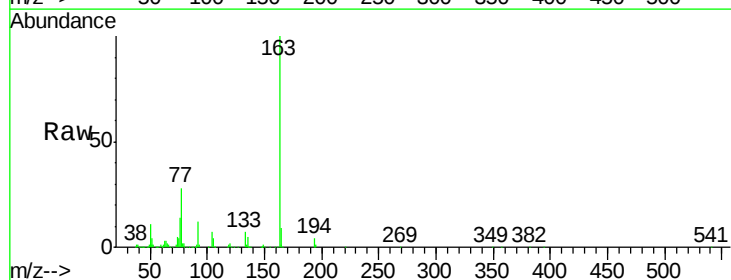
Tgt Ion:163 Resp: 419431

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

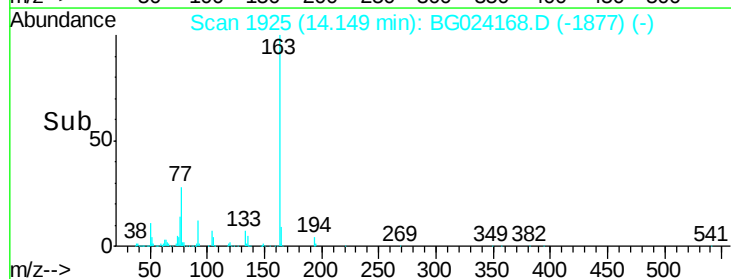
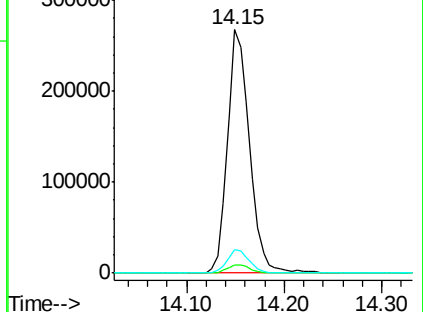
164 9.5 8.1 12.1

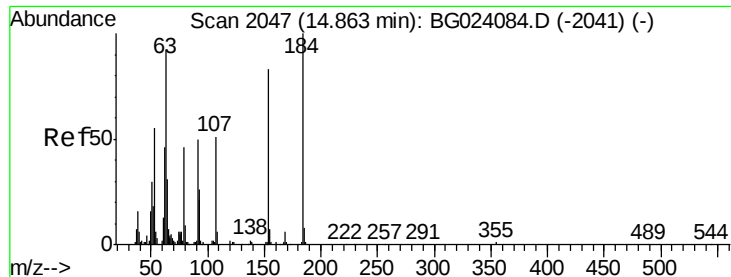


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

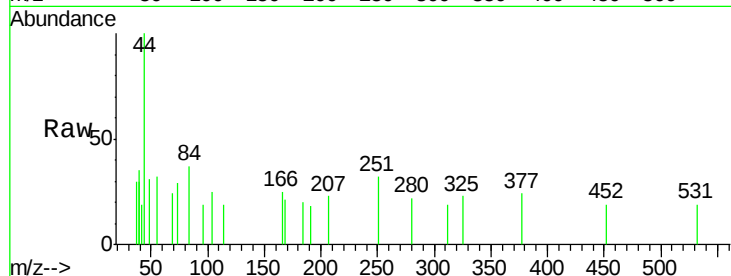




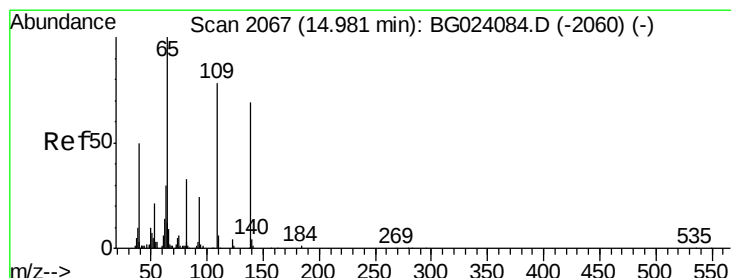
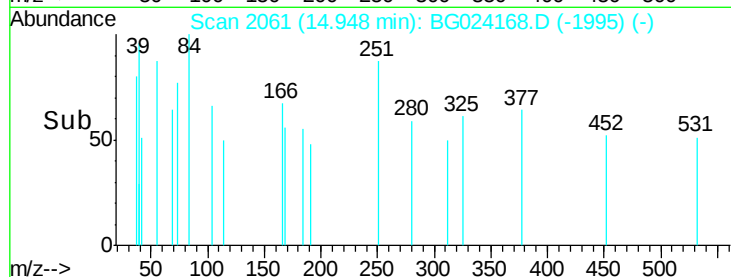
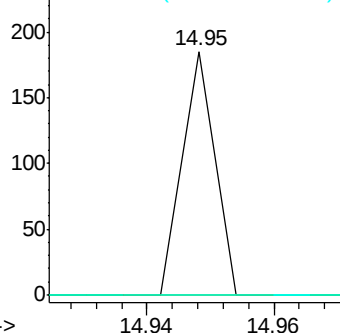
#53
2,4-Dinitrophenol
Concen: 2.50 ng
RT: 14.95 min Scan# 2061
Delta R.T. 0.09 min
Lab File: BG024168.D
Acq: 30 Sep 2016 20:39

Instrument :
BNA_G
ClientSampleId :
SUP-B044-1-3

Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

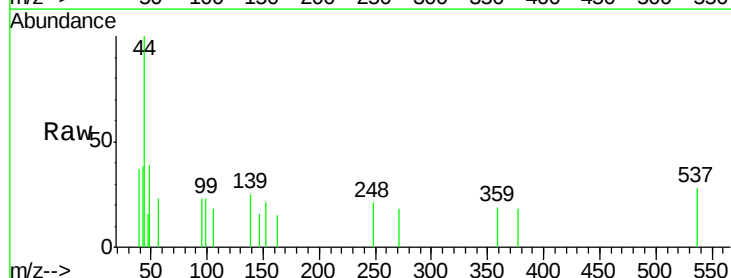


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

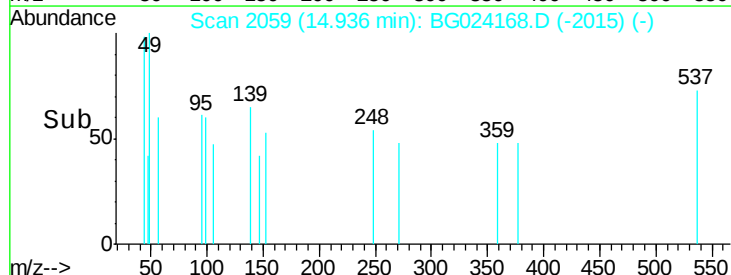
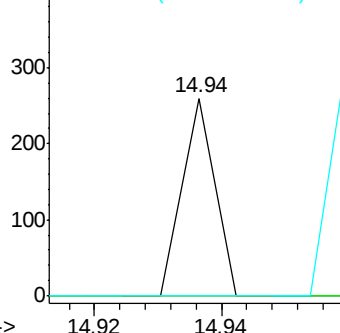


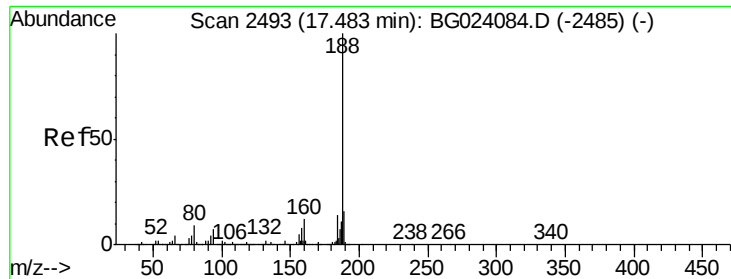
#55
4-Nitrophenol
Concen: 5.39 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.04 min
Lab File: BG024168.D
Acq: 30 Sep 2016 20:39

Tgt Ion:139 Resp: 92
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: 17.47 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

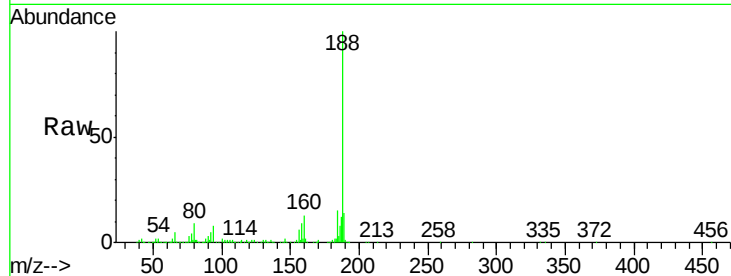
Tgt Ion:188 Resp: 357305

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

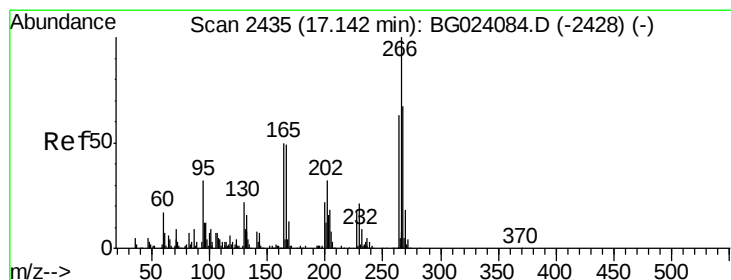
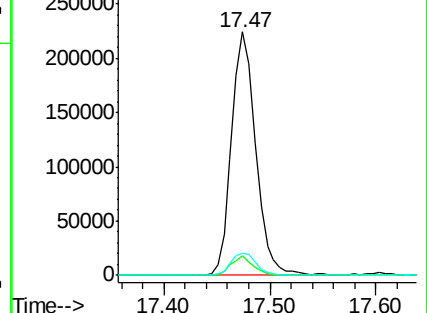
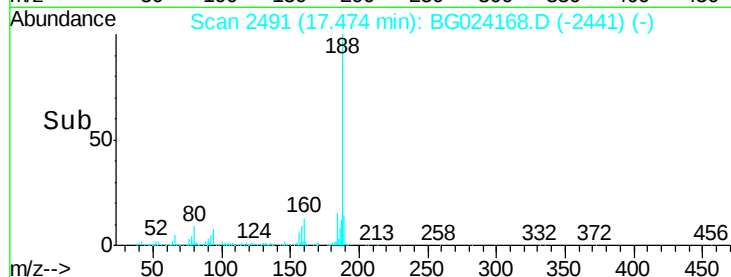
80 9.4 7.2 10.8



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: 17.07 min Scan# 2422

Delta R.T. -0.07 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

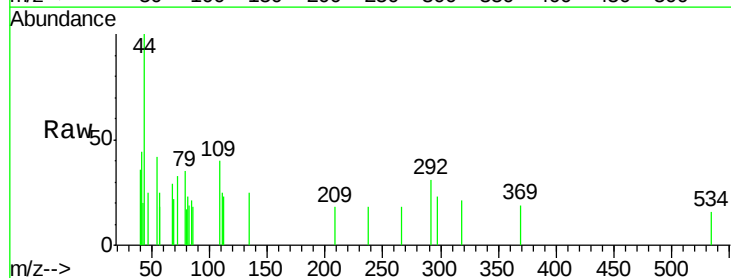
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

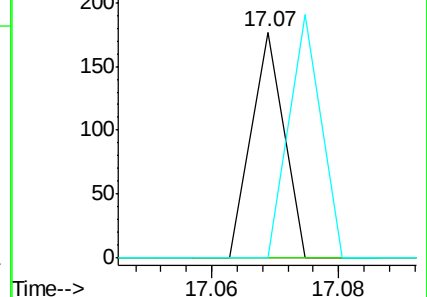
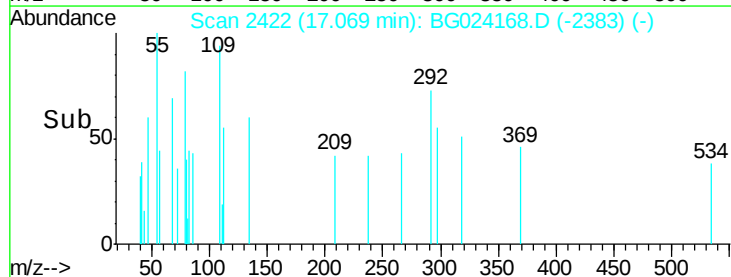
264 0.0 50.6 75.8#

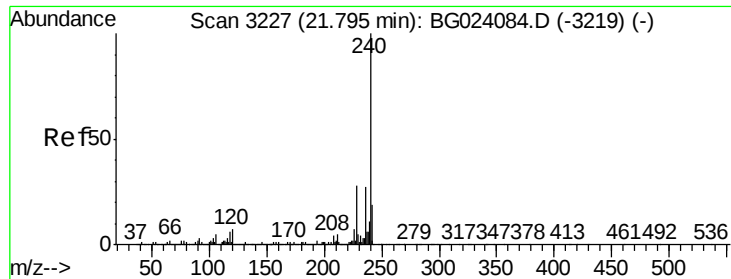


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

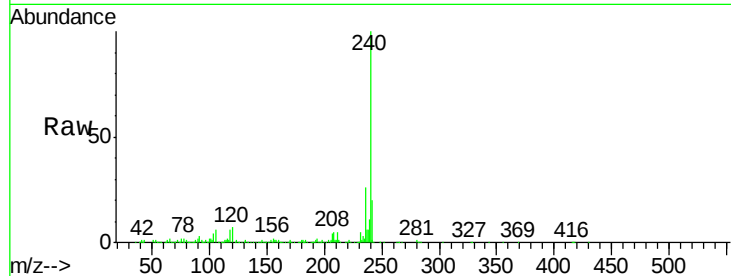
Tgt Ion:240 Resp: 416588

Ion Ratio Lower Upper

240 100

120 7.4 4.1 6.1#

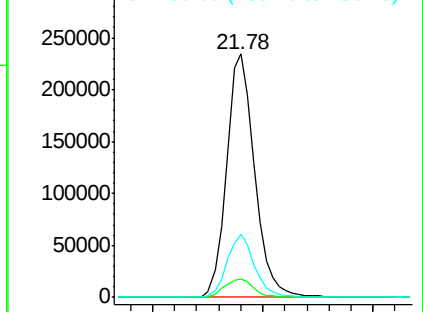
236 26.0 21.1 31.7



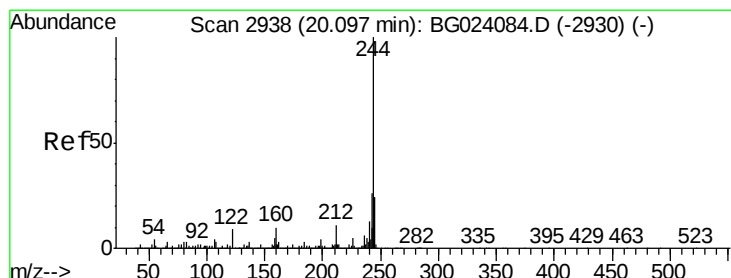
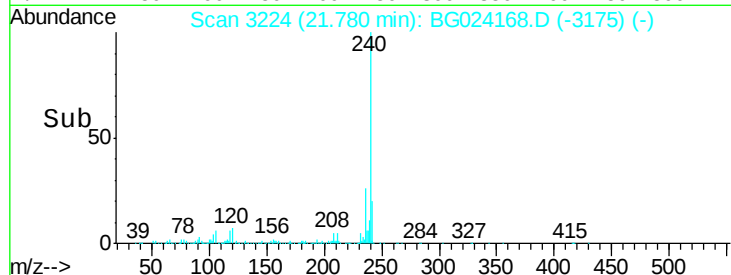
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 58.80 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

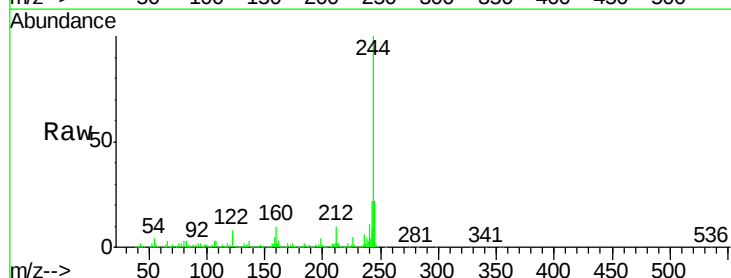
Tgt Ion:244 Resp: 1196350

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

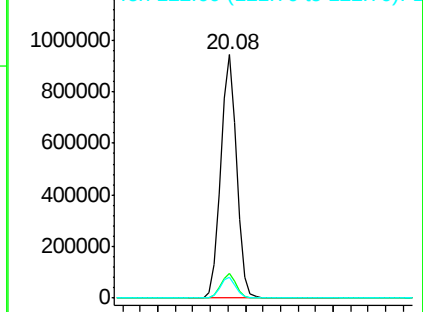
122 8.4 8.0 12.0



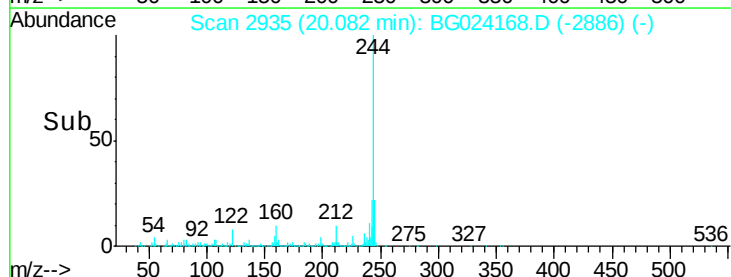
Abundance Ion 244.00 (243.70 to 244.70): E

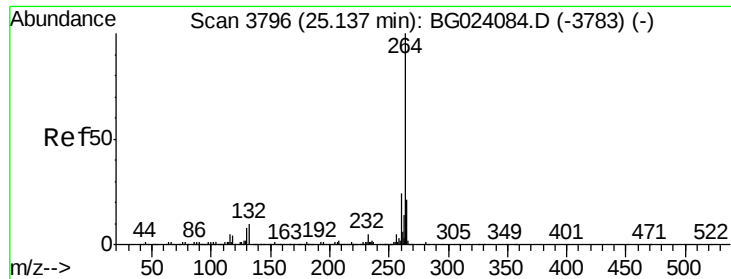
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.03 min
Lab File: BG024168.D
Acq: 30 Sep 2016 20:39

Instrument :
BNA_G
ClientSampleId :
SUP-B044-1-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.5	18.9	28.3

