

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
 Data File : BG024784.D
 Acq On : 15 Nov 2016 4:30
 Operator : UM/SJ
 Sample : H5626-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F2J03

Quant Time: Nov 15 06:55:43 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 01:28:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	100147	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	412217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	352904	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	832276	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1101053	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1161599	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3327	1.72	ng/uL	0.00
5) Phenol-d5	7.40	99	67106	7.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	182080	33.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	169190	27.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	124082	17.22	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	106010	33.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	129106	34.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	227256	30.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	8764	1.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	923974	35.91	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	984646	35.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	37463	8.18	ng/ul	0.00
57) Fluorene-d10	15.87	176	848728	35.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	201964	35.30	ng/ul	0.00
70) Anthracene-d10	17.72	188	1461367	39.75	ng/ul	0.00
76) Pyrene-d10	19.99	212	1820860	38.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1994936	39.23	ng/ul	0.00

Target Compounds

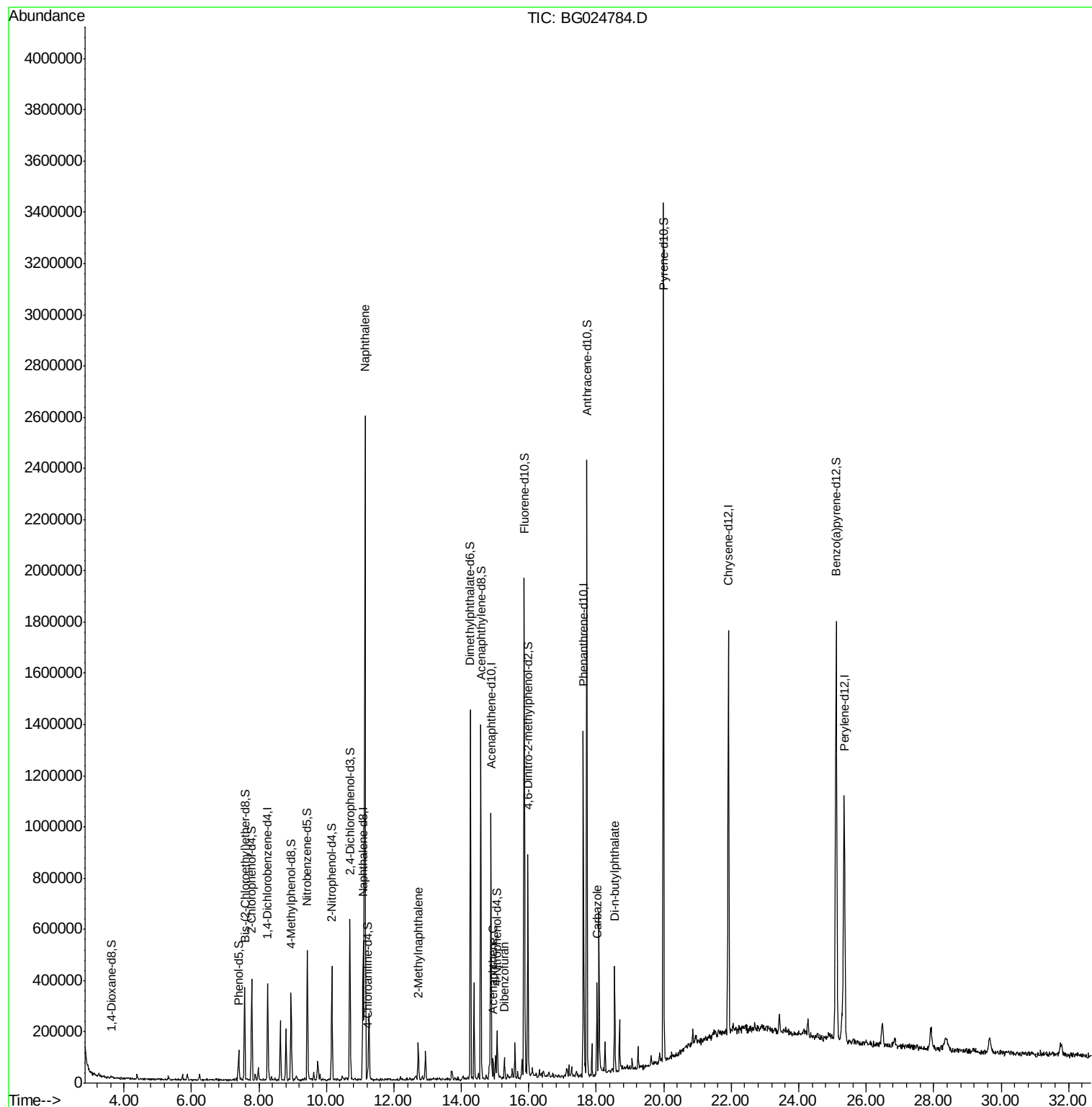
						Qvalue
28) Naphthalene	11.14	128	2034015	102.88	ng/ul	96
34) 2-Methylnaphthalene	12.72	142	59304	3.81	ng/ul#	79
49) Acenaphthene	14.94	153	34140	1.78	ng/ul	94
53) Dibenzofuran	15.27	168	44129	1.50	ng/ul	94
72) Carbazole	18.02	167	228796	6.50	ng/ul#	97
73) Di-n-butylphthalate	18.55	149	275599	6.21	ng/ul	98

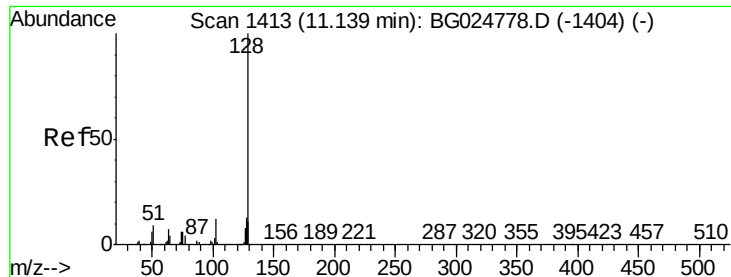
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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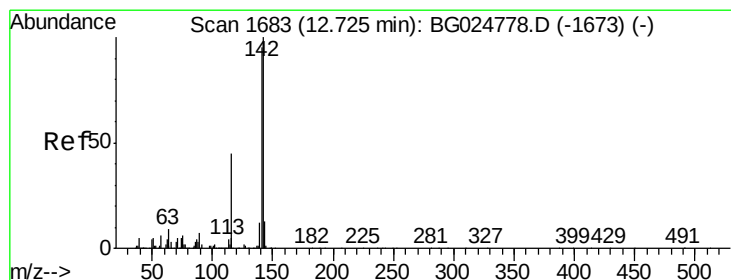
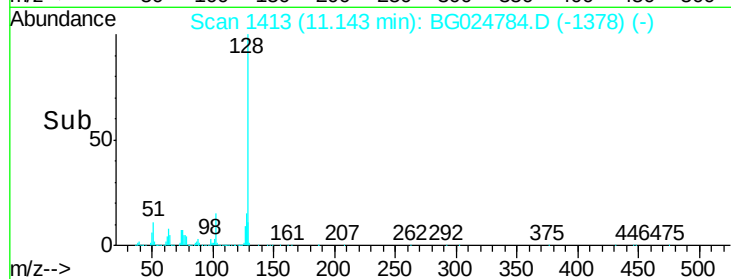
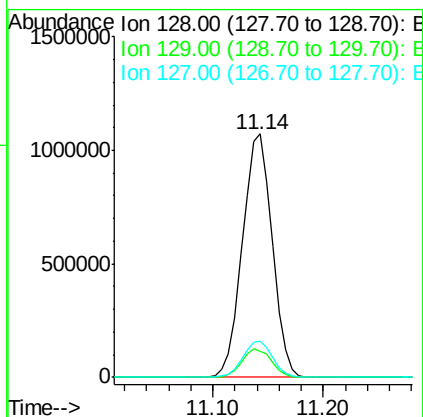
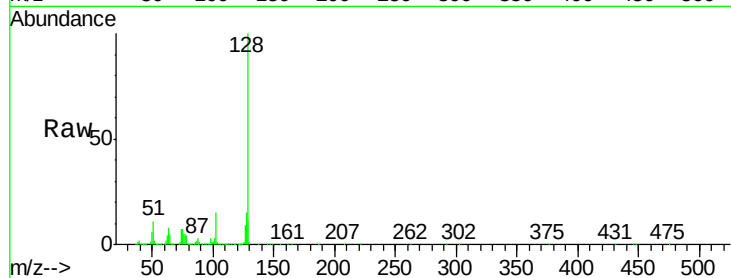




#28
Naphthalene
Concen: 102.88 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG024784.D
Acq: 15 Nov 2016 4:30

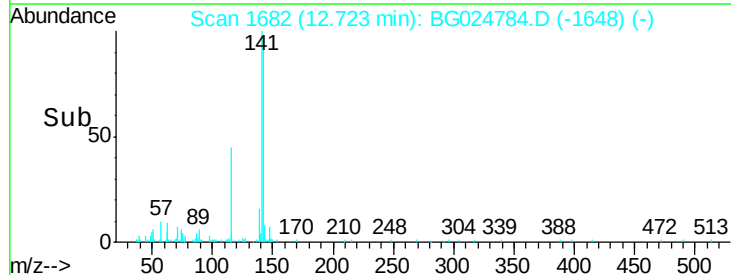
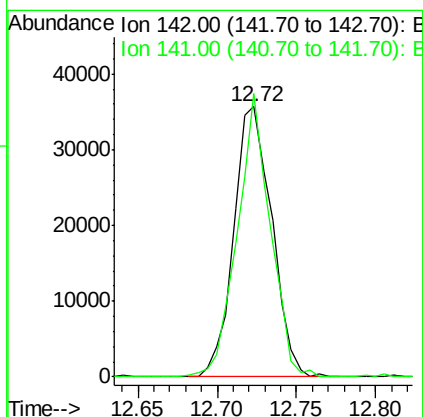
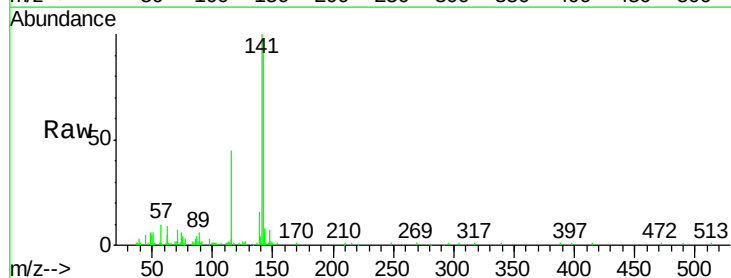
Instrument :
BNA_G
ClientSampleId :
F2J03

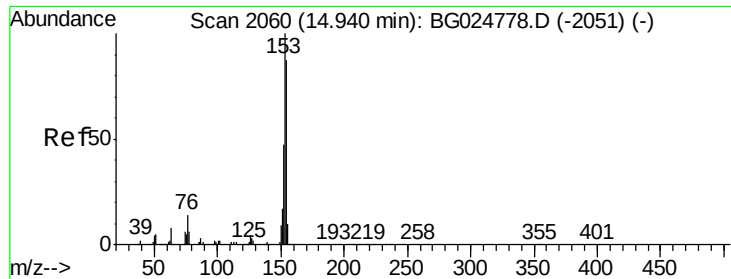
Tgt Ion:128 Resp: 2034015
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 15.1 10.3 15.5



#34
2-Methylnaphthalene
Concen: 3.81 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG024784.D
Acq: 15 Nov 2016 4:30

Tgt Ion:142 Resp: 59304
Ion Ratio Lower Upper
142 100
141 104.7 68.6 102.8#





#49

Acenaphthene

Concen: 1.78 ng/ul

RT: 14.94 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG024784.D

Acq: 15 Nov 2016 4:30

Instrument :

BNA_G

ClientSampleId :

F2J03

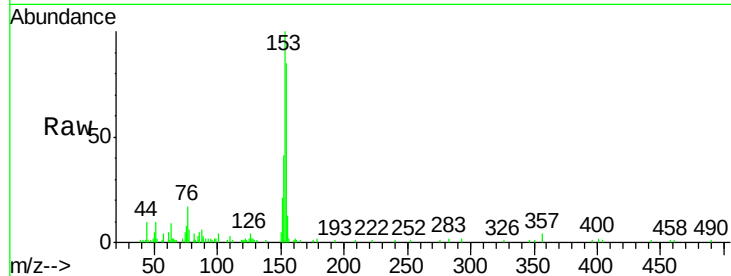
Tgt Ion:153 Resp: 34140

Ion Ratio Lower Upper

153 100

152 41.1 36.5 54.7

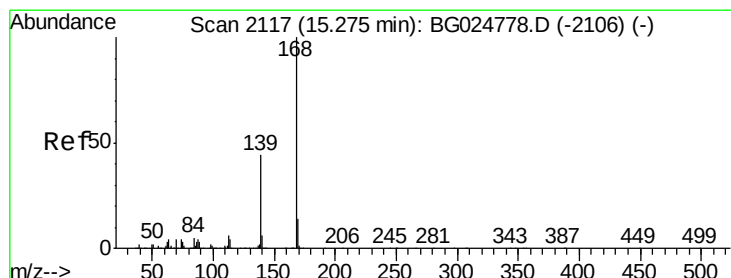
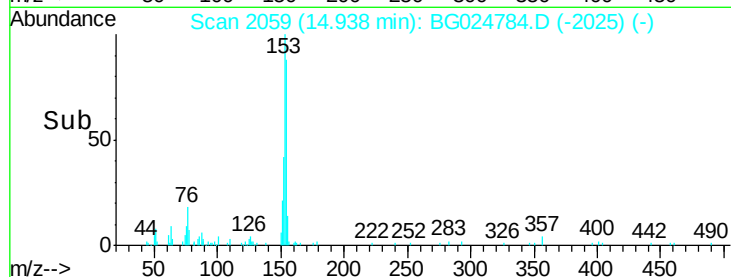
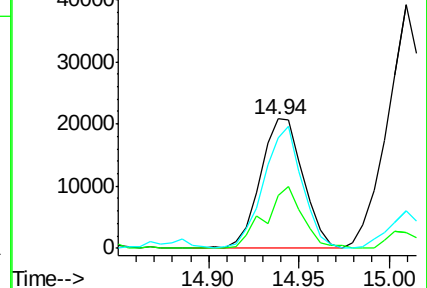
154 85.5 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.50 ng/ul

RT: 15.27 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG024784.D

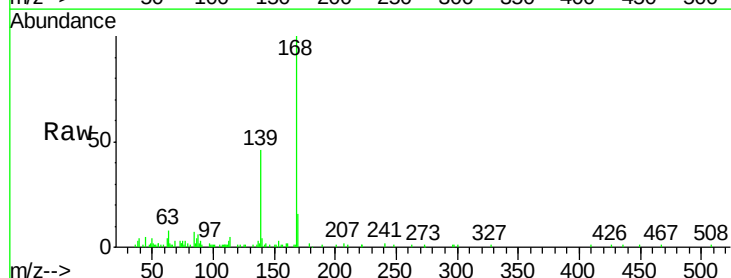
Acq: 15 Nov 2016 4:30

Tgt Ion:168 Resp: 44129

Ion Ratio Lower Upper

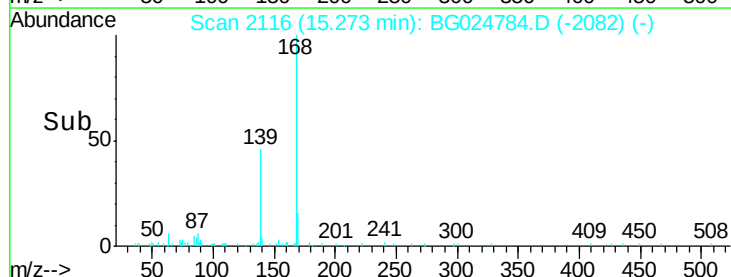
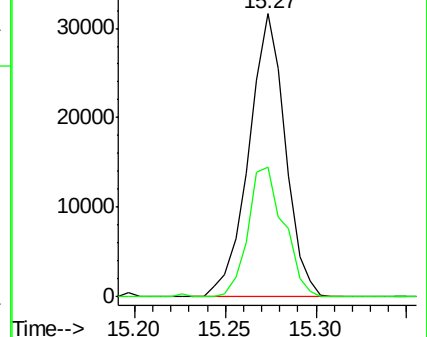
168 100

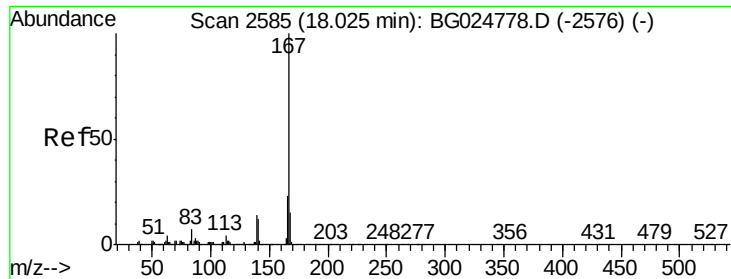
139 46.0 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#72

Carbazole

Concen: 6.50 ng/ul

RT: 18.02 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG024784.D

Acq: 15 Nov 2016 4:30

Instrument :

BNA_G

ClientSampleId :

F2J03

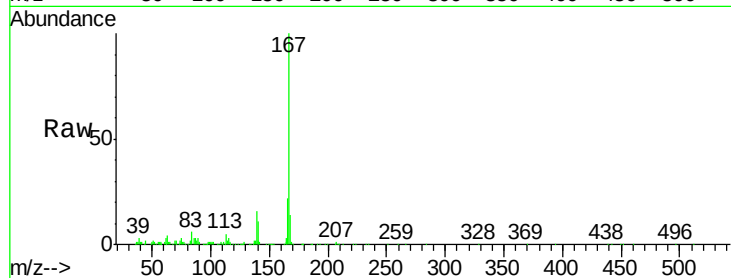
Tgt Ion:167 Resp: 228796

Ion Ratio Lower Upper

167 100

166 22.4 17.9 26.9

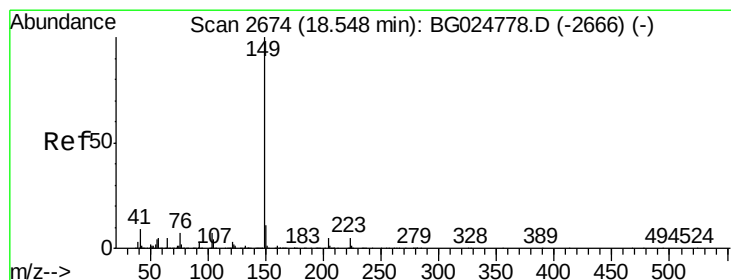
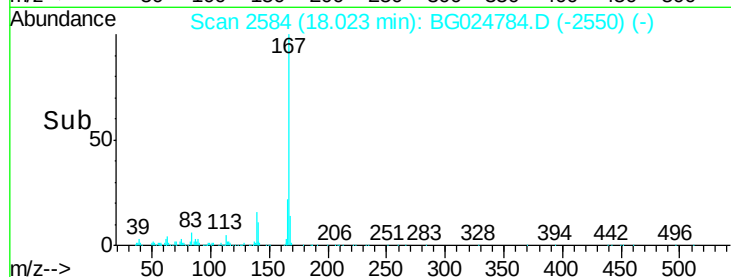
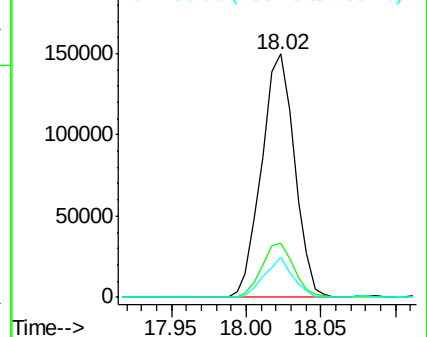
139 16.3 10.5 15.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 6.21 ng/ul

RT: 18.55 min Scan# 2673

Delta R.T. -0.00 min

Lab File: BG024784.D

Acq: 15 Nov 2016 4:30

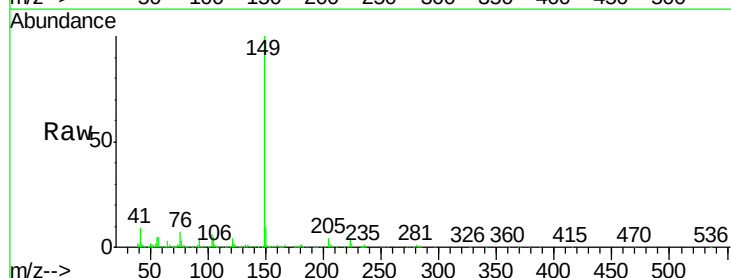
Tgt Ion:149 Resp: 275599

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

104 6.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

