

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018026.D
 Acq On : 21 Jul 2015 17:09
 Operator : TP/UM
 Sample : G2954-20RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-B2

Quant Time: Jul 22 02:04:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 01:57:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	137407	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	623085	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	379583	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	726392	20.00	ng	0.00
75) Chrysene-d12	21.20	240	792957	20.00	ng	0.01
86) Perylene-d12	23.42	264	834092	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	919442	116.73	ng	0.00
7) Phenol-d6	6.76	99	1237756	119.94	ng	0.01
23) Nitrobenzene-d5	8.73	82	734217	76.32	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	469348	122.04	ng	0.00
44) 2-Fluorobiphenyl	12.85	172	1384884	63.22	ng	0.00
78) Terphenyl-d14	19.64	244	1588022	50.45	ng	0.00

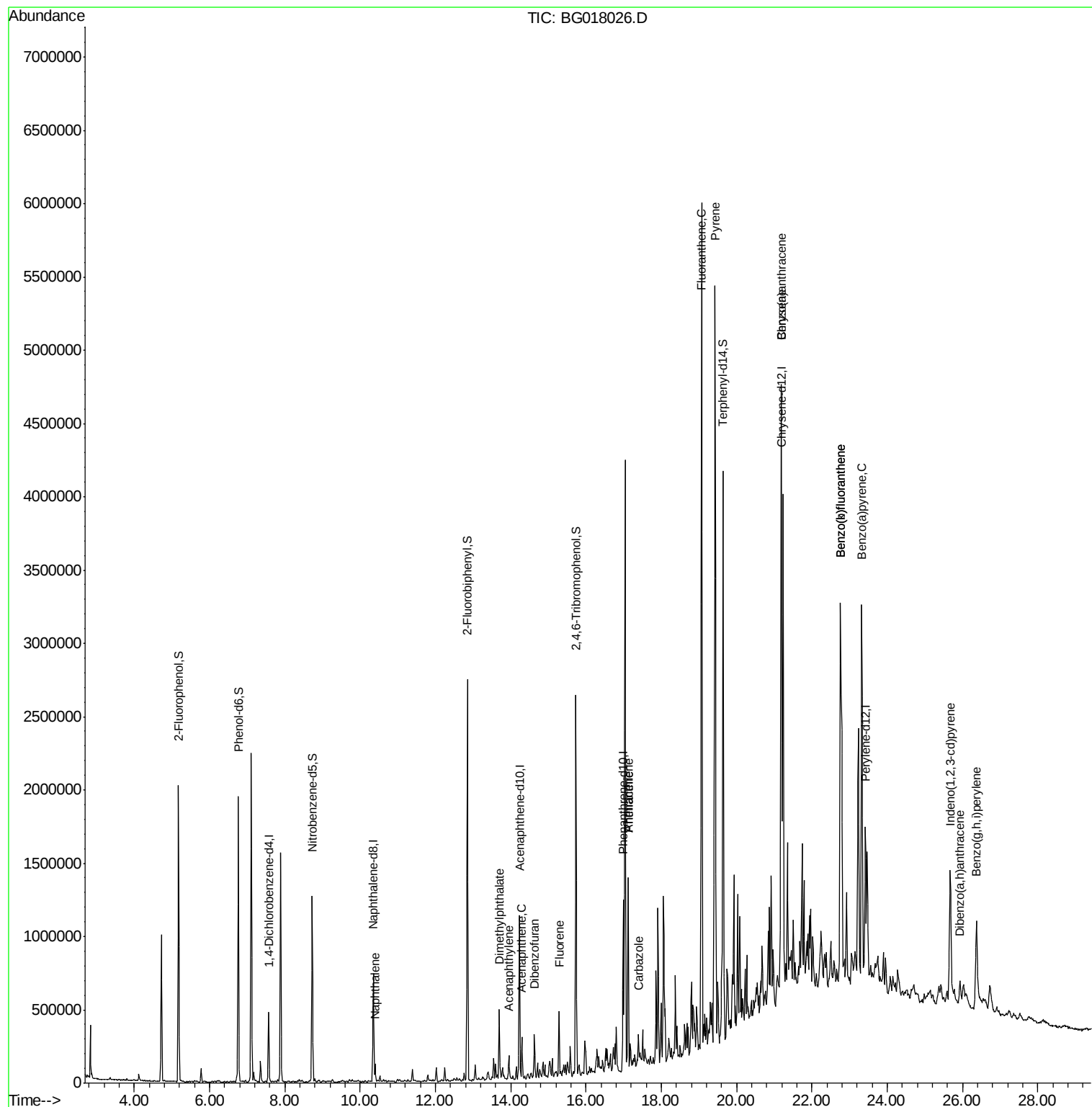
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	10.40	128	100627	3.30	ng	98
32) Benzoic acid	9.68	122	63	Below Cal	#	33
48) Acenaphthylene	13.95	152	121421	3.38	ng	97
49) Dimethylphthalate	13.69	163	308730	11.71	ng	99
51) Acenaphthene	14.29	154	101315	4.66	ng	97
54) Dibenzofuran	14.63	168	142271	4.53	ng	# 95
57) Fluorene	15.28	166	183236	6.79	ng	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	118	Below Cal	#	1
69) Pentachlorophenol	16.88	266	57	Below Cal	#	18
70) Phenanthrene	17.12	178	818553	21.85	ng	99
71) Anthracene	17.12	178	818553	22.45	ng	98
72) Carbazole	17.39	167	118243	3.43	ng	98
74) Fluoranthene	19.07	202	3154029	76.89	ng	81
77) Pyrene	19.43	202	3114874	70.43	ng	# 78
80) Benzo(a)anthracene	21.18	228	1890393	45.14	ng	# 90
82) Chrysene	21.18	228	1890393	47.39	ng	95
85) Indeno(1,2,3-cd)pyrene	25.68	276	936046	19.40	ng	# 85
87) Benzo(b)fluoranthene	22.76	252	3193057	69.97	ng	97
88) Benzo(k)fluoranthene	22.76	252	3193057	70.07	ng	96
89) Benzo(a)pyrene	23.33	252	1920781	45.18	ng	95
90) Dibenzo(a,h)anthracene	25.94	278	163000	3.70	ng	94
91) Benzo(g,h,i)perylene	26.38	276	967658	22.76	ng	94

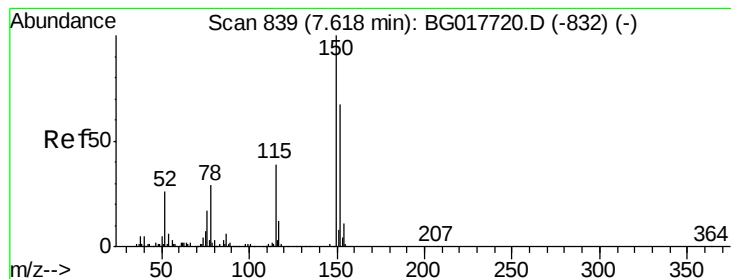
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG018026.D

Acq: 21 Jul 2015 17:09

Instrument :

BNA_G

ClientSampleId :

TEC-B2

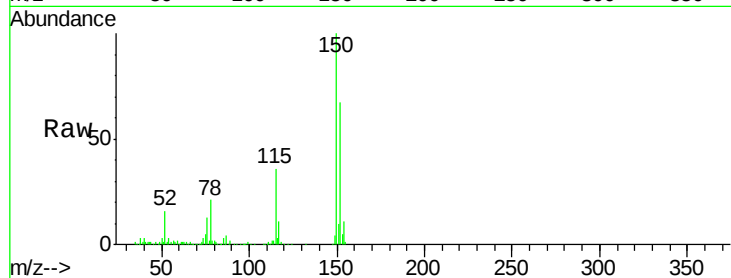
Tgt Ion:152 Resp: 137407

Ion Ratio Lower Upper

152 100

150 148.8 119.1 178.7

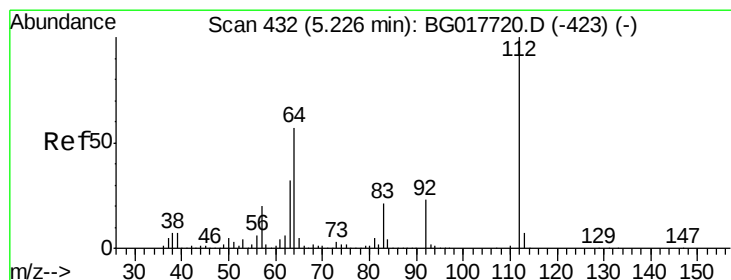
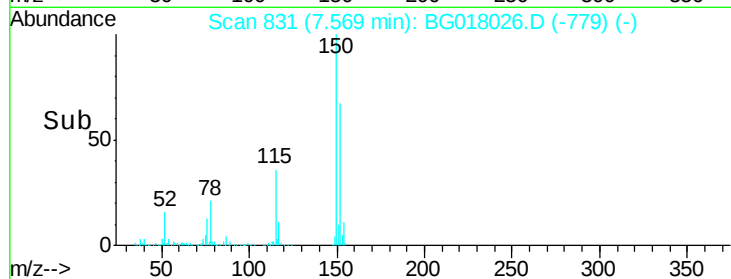
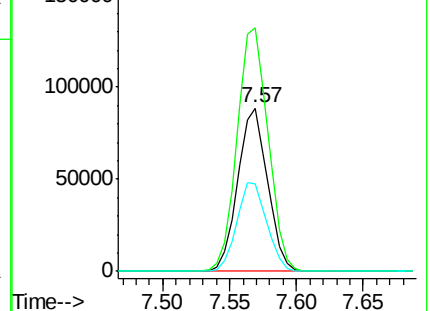
115 53.2 47.0 70.4



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: 116.73 ng

RT: 5.18 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG018026.D

Acq: 21 Jul 2015 17:09

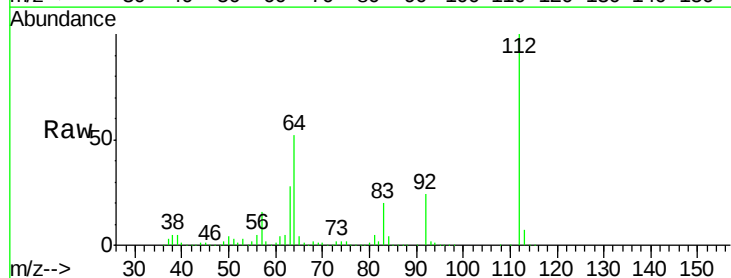
Tgt Ion:112 Resp: 919442

Ion Ratio Lower Upper

112 100

64 51.6 45.4 68.0

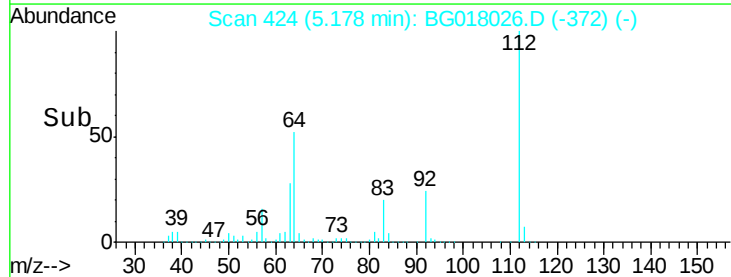
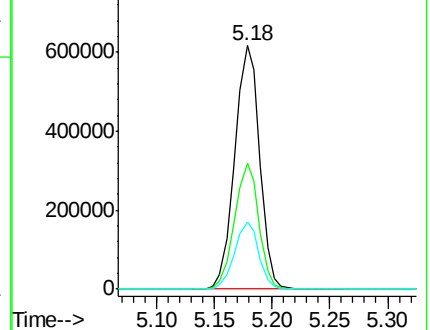
63 27.5 25.3 37.9

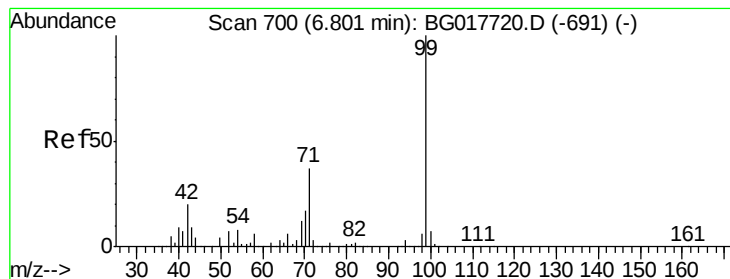


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.94 ng

RT: 6.76 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG018026.D

Acq: 21 Jul 2015 17:09

Instrument :

BNA_G

ClientSampleId :

TEC-B2

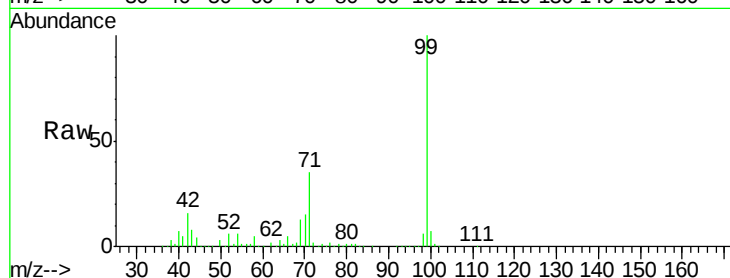
Tgt Ion: 99 Resp: 1237756

Ion Ratio Lower Upper

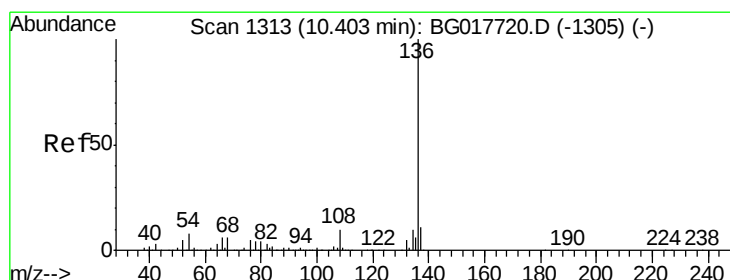
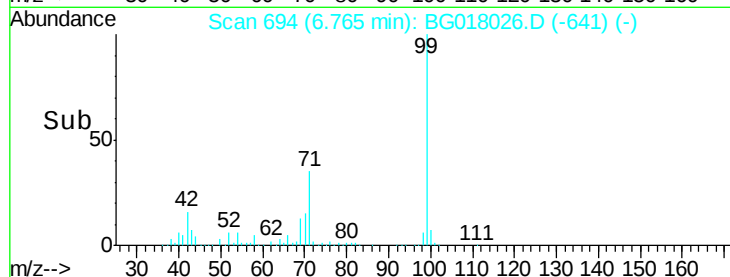
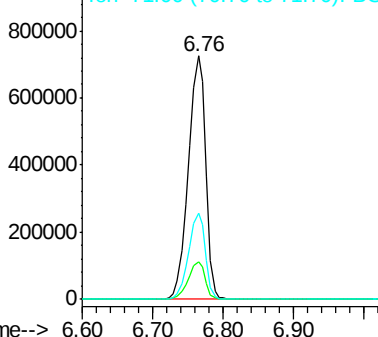
99 100

42 15.6 16.2 24.4#

71 35.3 29.5 44.3



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: 10.35 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG018026.D

Acq: 21 Jul 2015 17:09

Tgt Ion: 136 Resp: 623085

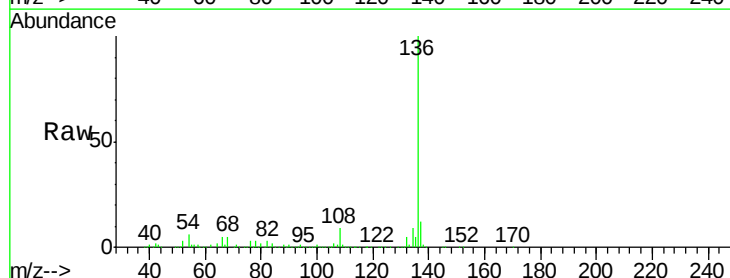
Ion Ratio Lower Upper

136 100

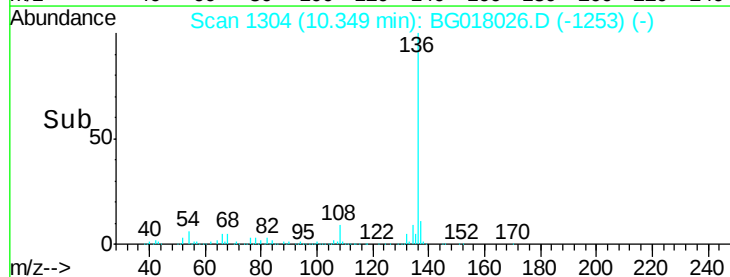
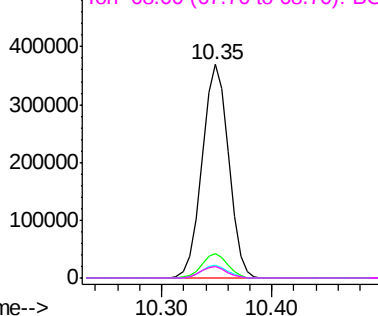
137 11.5 8.8 13.2

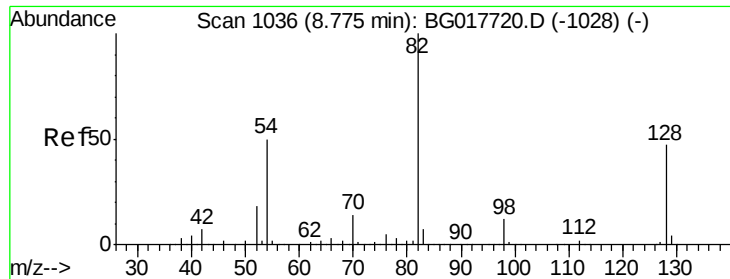
54 5.9 6.6 9.8#

68 5.1 5.1 7.7



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

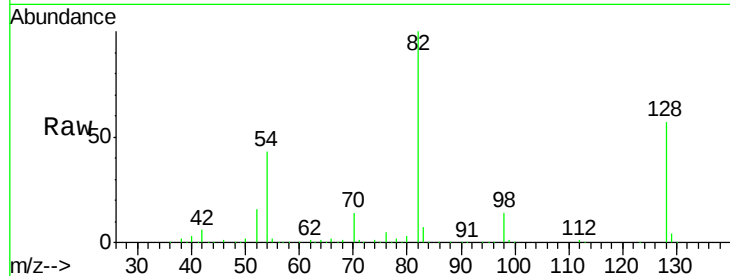




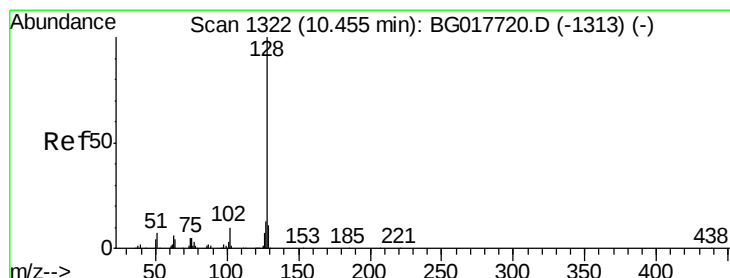
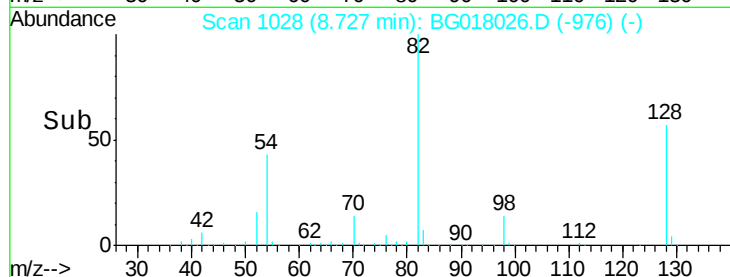
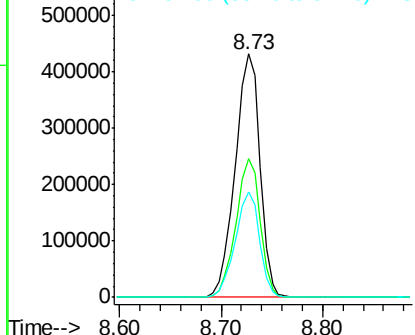
#23
Nitrobenzene-d5
Concen: 76.32 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG018026.D
Acq: 21 Jul 2015 17:09

Instrument :
BNA_G
ClientSampleId :
TEC-B2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	57.0	37.8	56.6#
54	43.2	39.9	59.9

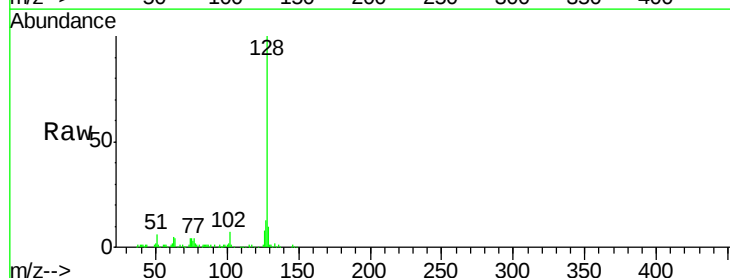


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

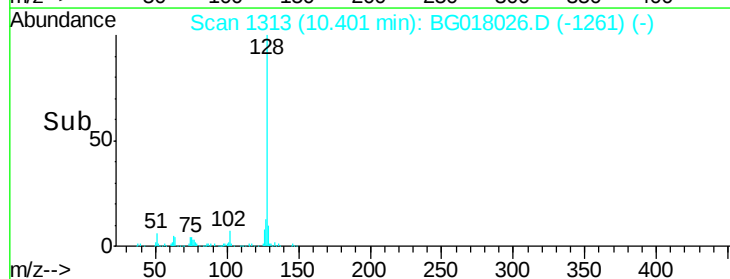
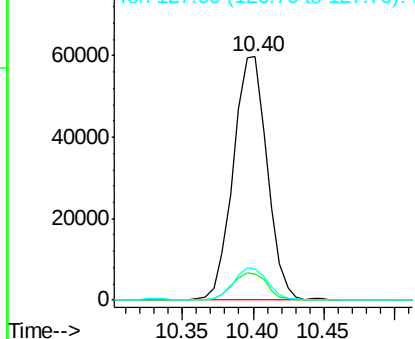


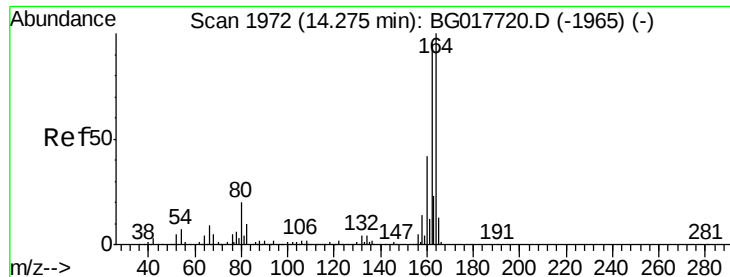
#31
Naphthalene
Concen: 3.30 ng
RT: 10.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG018026.D
Acq: 21 Jul 2015 17:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	13.1	10.7	16.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.23 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG018026.D

Acq: 21 Jul 2015 17:09

Instrument :

BNA_G

ClientSampleId :

TEC-B2

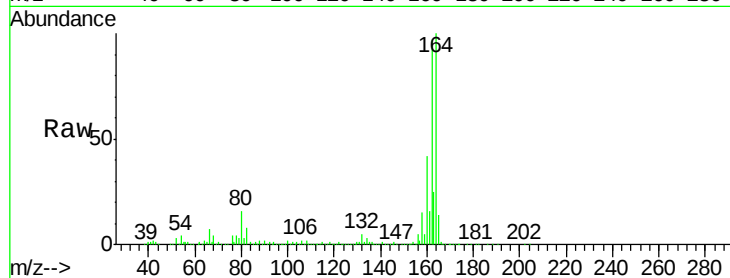
Tgt Ion:164 Resp: 379583

Ion Ratio Lower Upper

164 100

162 96.9 76.3 114.5

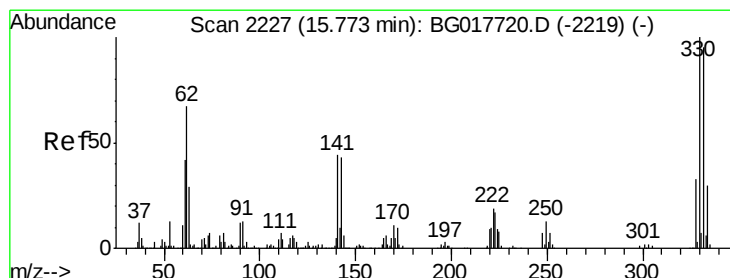
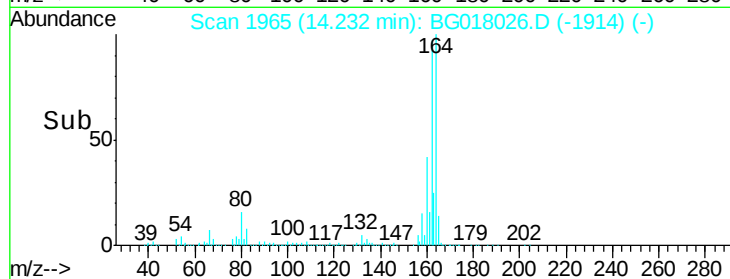
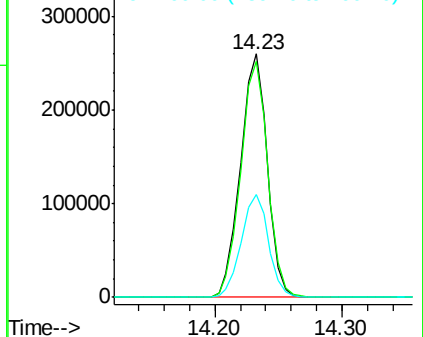
160 42.3 33.7 50.5



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: 122.04 ng

RT: 15.73 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG018026.D

Acq: 21 Jul 2015 17:09

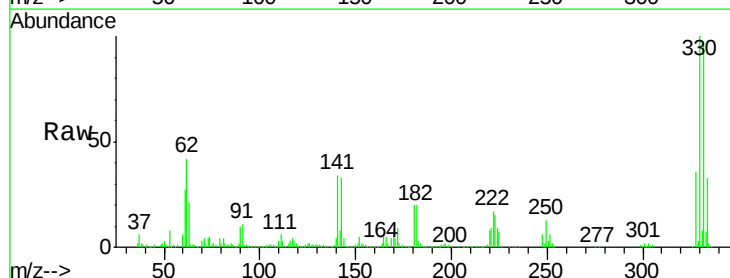
Tgt Ion:330 Resp: 469348

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.8 38.0 57.0#



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

