

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025777.D
 Acq On : 3 Feb 2017 3:29
 Operator : SJ/MA
 Sample : I1658-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

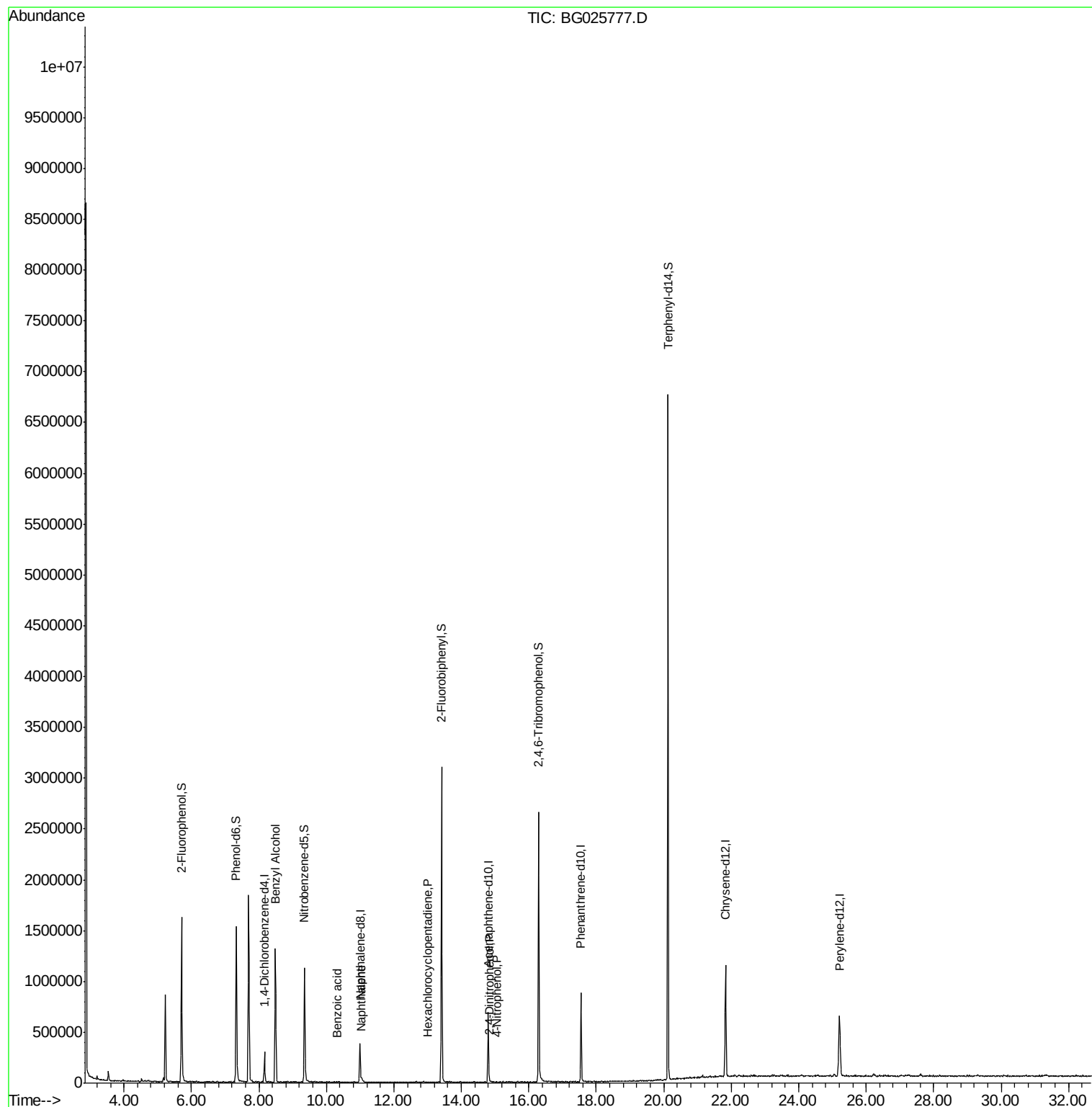
Quant Time: Feb 03 04:21:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

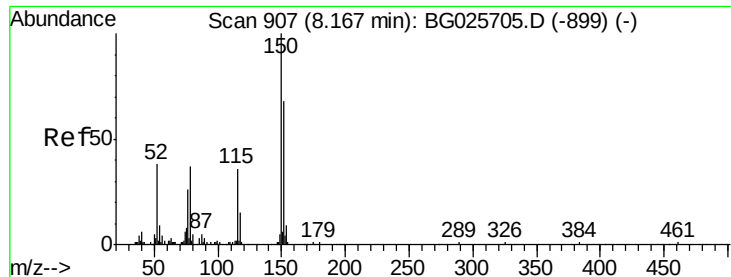
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72885	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	321396	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	255126	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	582375	20.00	ng	0.00
75) Chrysene-d12	21.83	240	707619	20.00	ng	0.00
86) Perylene-d12	25.21	264	709319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	644313	158.43	ng	0.00
7) Phenol-d6	7.32	99	867419	146.04	ng	0.00
23) Nitrobenzene-d5	9.35	82	734497	96.56	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	525562	144.45	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1503776	95.73	ng	0.00
78) Terphenyl-d14	20.13	244	2601030	88.72	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.49	79	13397	2.61	ng	# 57
31) Naphthalene	11.04	128	33501	2.01	ng	# 89
32) Benzoic acid	10.33	122	79	7.91	ng	# 1
40) Hexachlorocyclopentadiene	12.99	237	119	10.71	ng	# 29
53) 2,4-Dinitrophenol	14.84	184	65	9.46	ng	# 37
55) 4-Nitrophenol	15.04	139	54	5.60	ng	# 1

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

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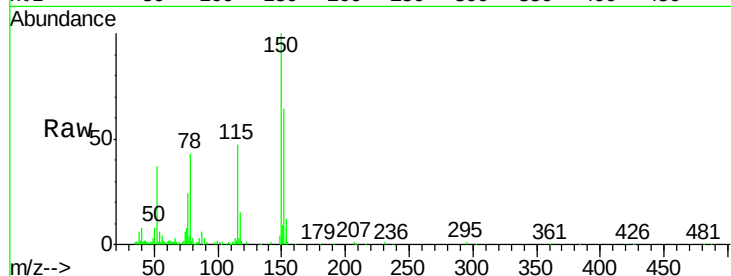




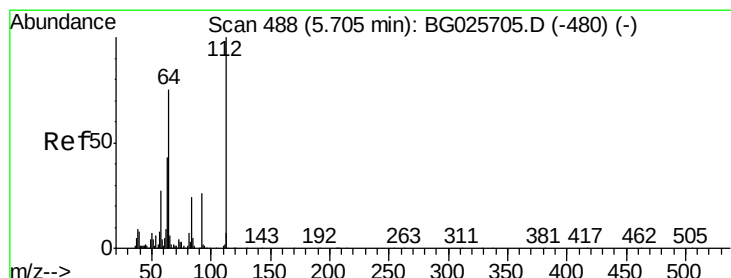
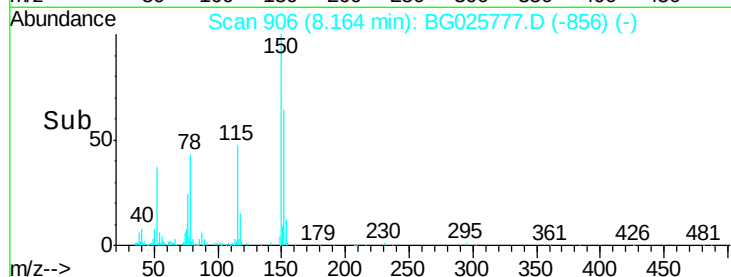
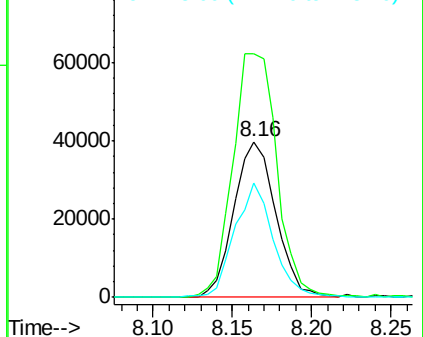
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	114.0	171.0
115	73.8	48.1	72.1



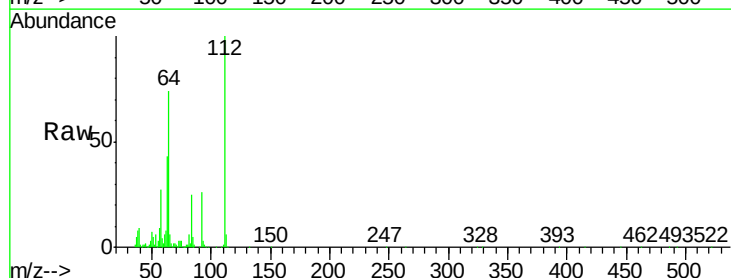
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



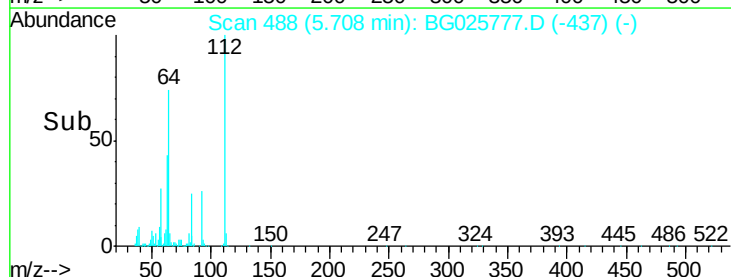
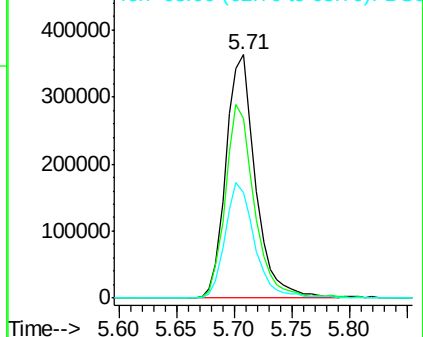
#5

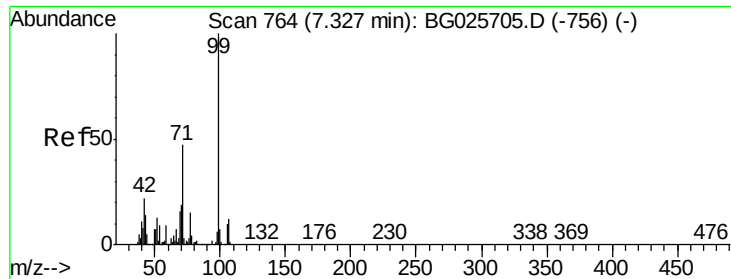
2-Fluorophenol
Concen: 158.43 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	61.8	92.6
63	43.3	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.04 ng

RT: 7.32 min Scan# 763

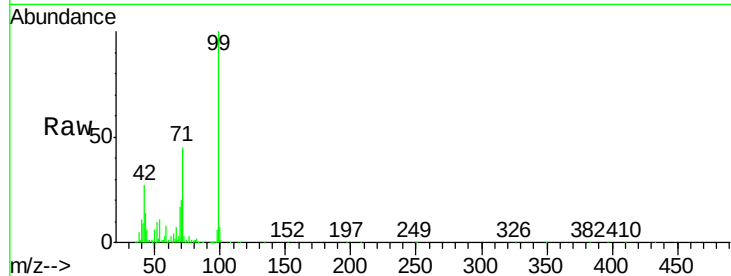
Delta R.T. -0.00 min

Lab File: BG025777.D

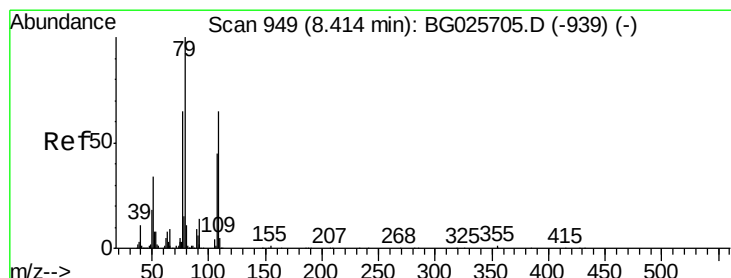
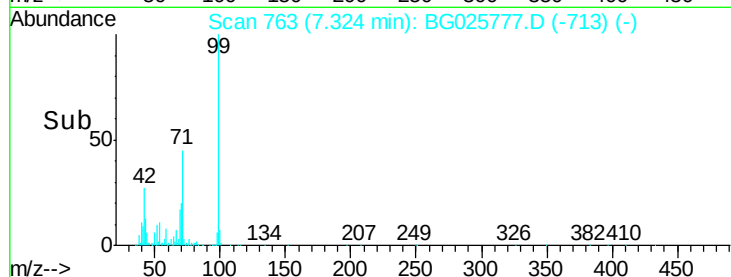
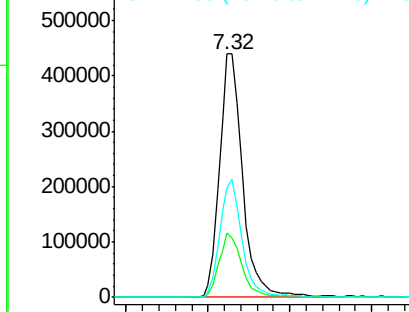
Acq: 3 Feb 2017 3:29

Tgt Ion: 99 Resp: 867419

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.5	30.7
71	44.9	37.6	56.4



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: 2.61 ng

RT: 8.49 min Scan# 961

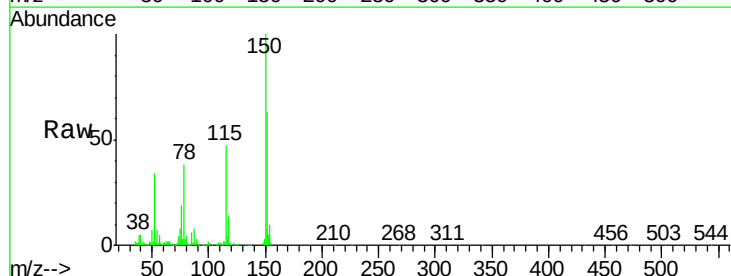
Delta R.T. 0.07 min

Lab File: BG025777.D

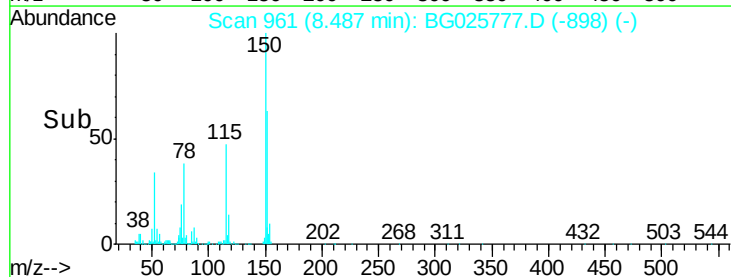
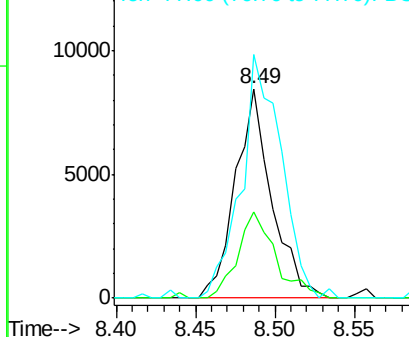
Acq: 3 Feb 2017 3:29

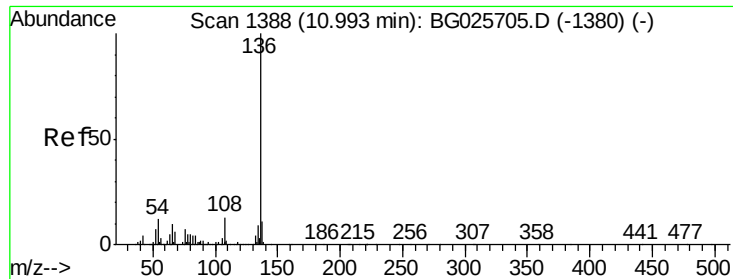
Tgt Ion: 79 Resp: 13397

Ion	Ratio	Lower	Upper
79	100		
108	41.0	45.5	68.3#
77	116.4	54.3	81.5#



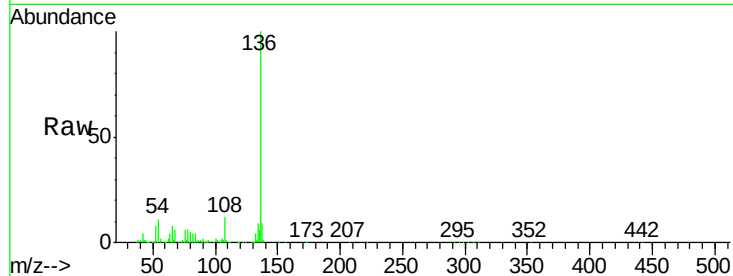
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



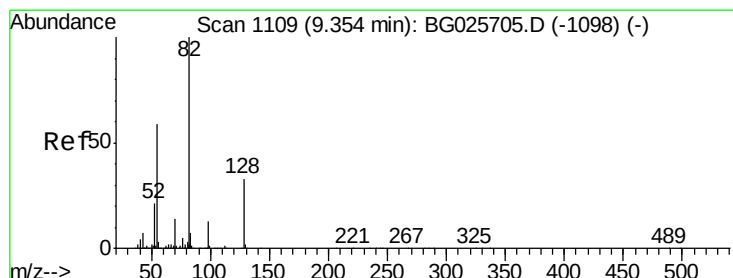
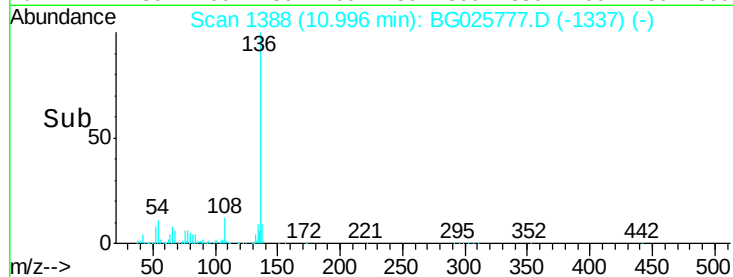
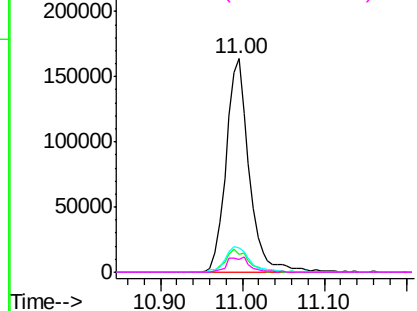


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

Tgt Ion:	136	Resp:	321396
Ion	Ratio	Lower	Upper
136	100		
137	8.6	8.9	13.3#
54	11.2	9.3	13.9
68	5.9	5.1	7.7

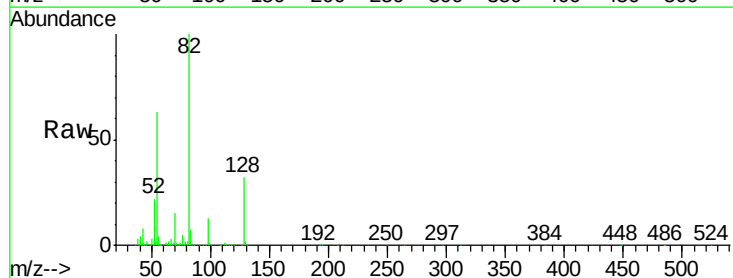


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

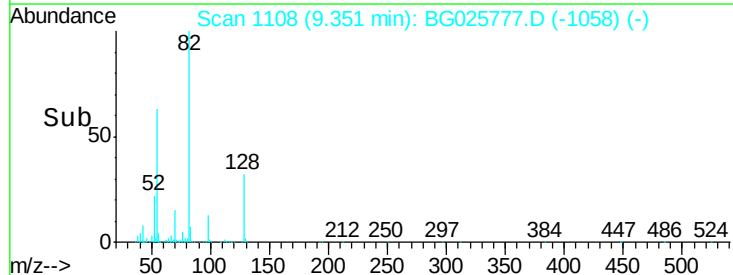
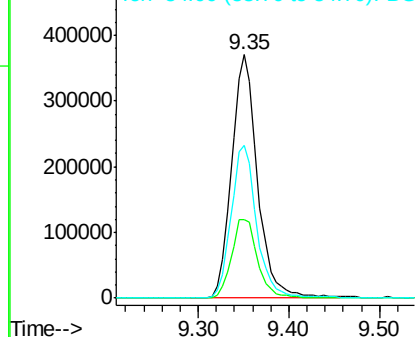


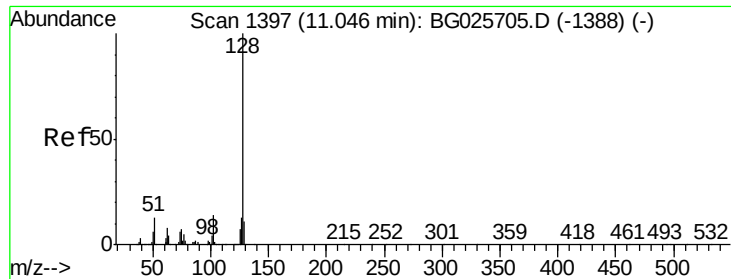
#23
Nitrobenzene-d5
Concen: 96.56 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

Tgt Ion:	82	Resp:	734497
Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	62.7	49.4	74.2



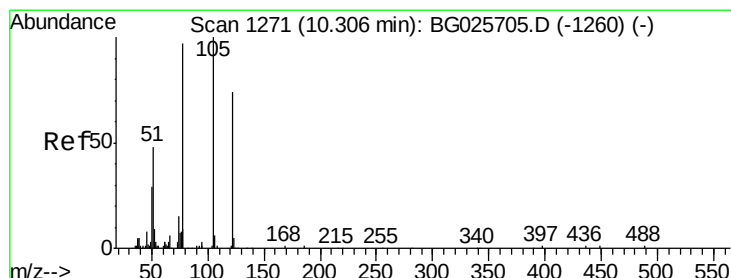
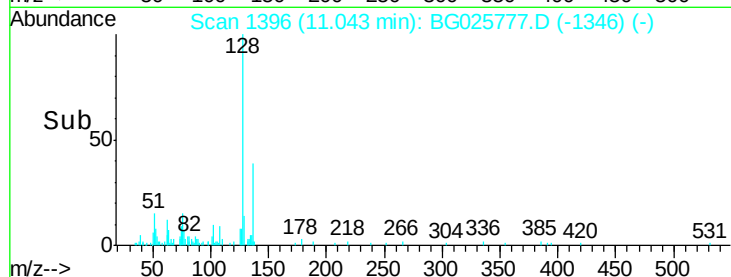
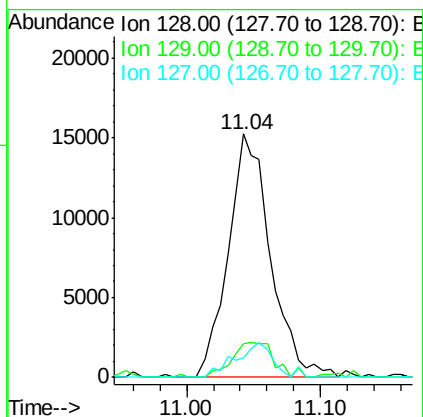
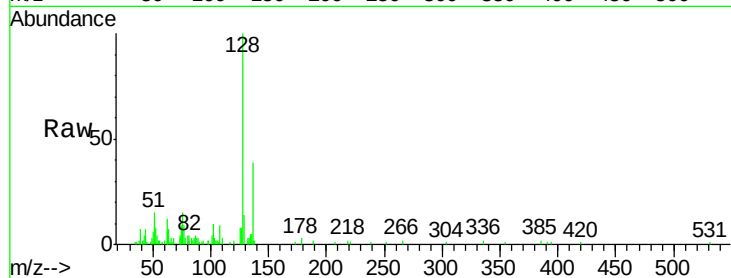
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





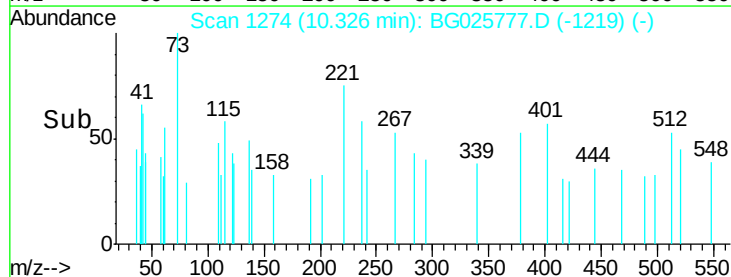
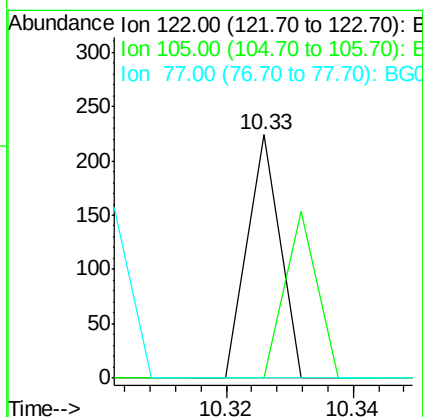
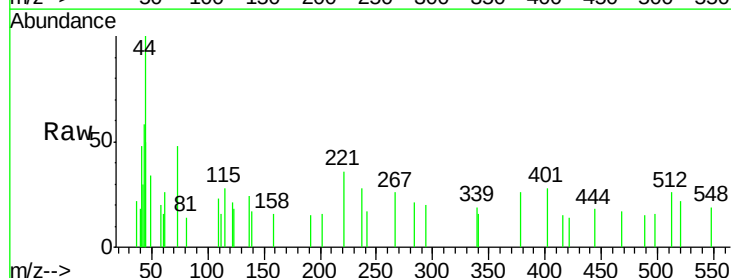
#31
Naphthalene
Concen: 2.01 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

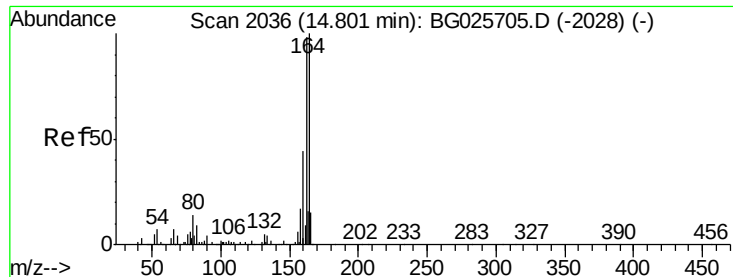
Tgt Ion:128 Resp: 33501
Ion Ratio Lower Upper
128 100
129 13.6 9.3 13.9
127 8.1 11.4 17.0#



#32
Benzoic acid
Concen: 7.91 ng
RT: 10.33 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

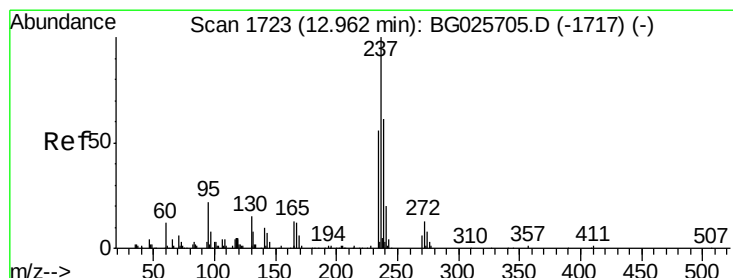
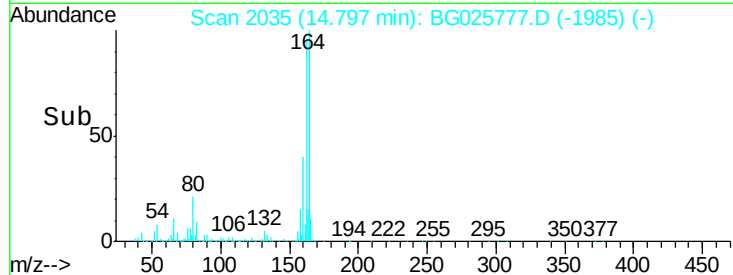
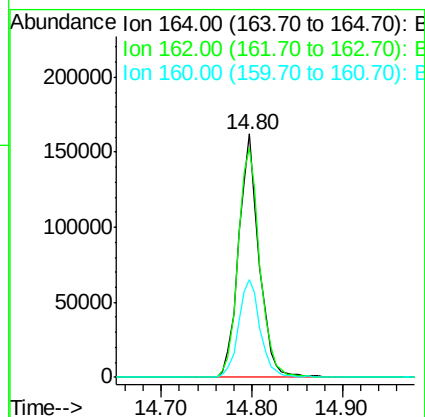
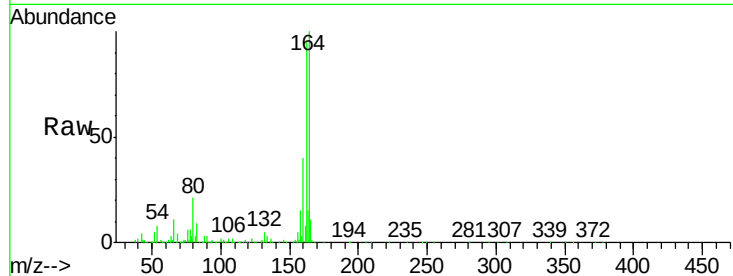
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#





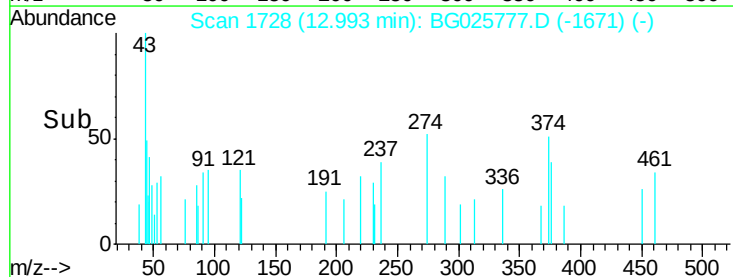
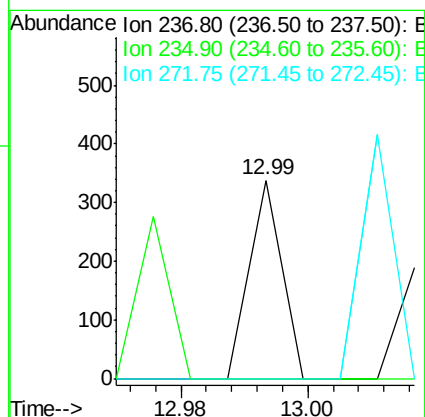
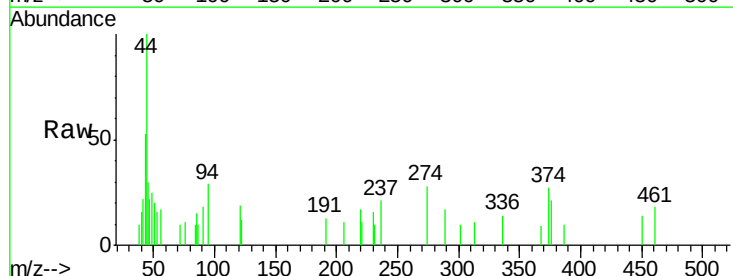
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

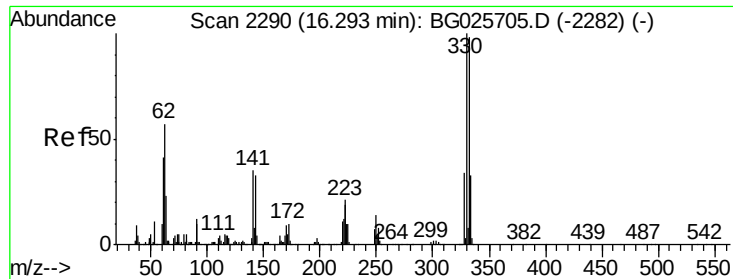
Tgt Ion:	164	Resp:	255126
Ion Ratio	Lower	Upper	
164	100		
162	94.5	85.1	127.7
160	39.9	34.7	52.1



#40
Hexachlorocyclopentadiene
Concen: 10.71 ng
RT: 12.99 min Scan# 1728
Delta R.T. 0.03 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

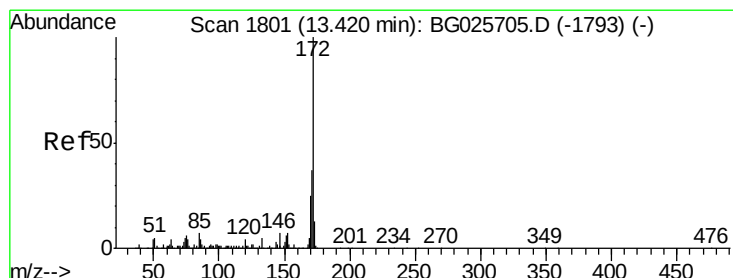
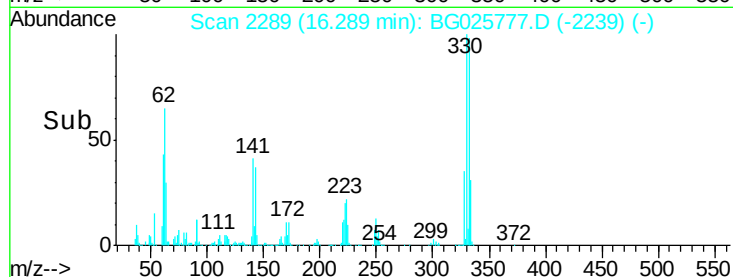
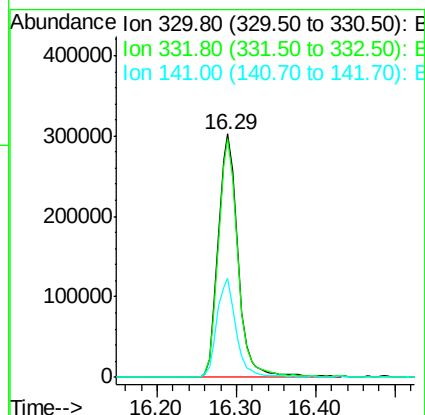
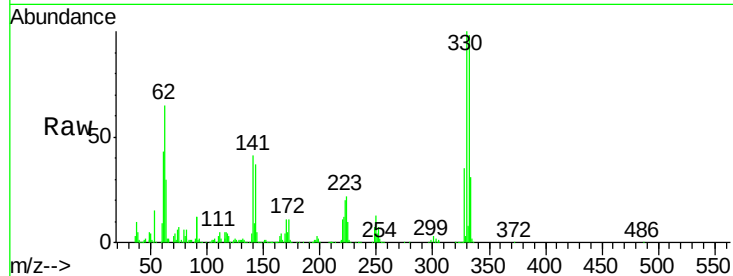
Tgt Ion:	237	Resp:	119
Ion Ratio	Lower	Upper	
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0





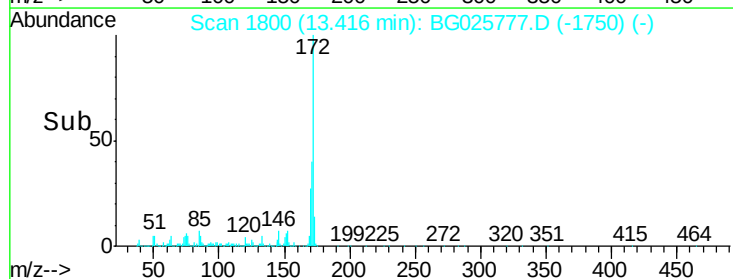
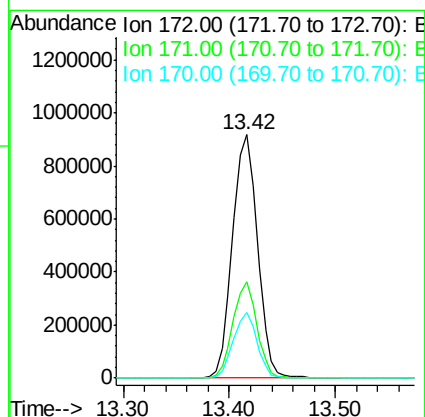
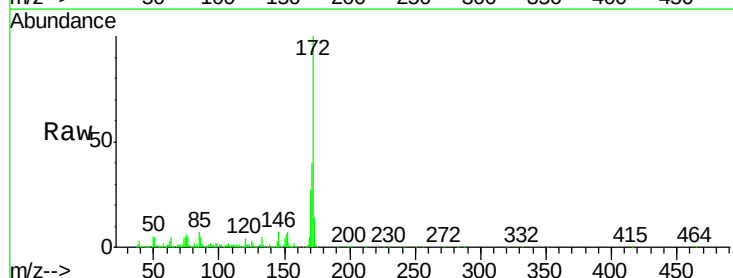
#41
 2,4,6-Tribromophenol
 Concen: 144.45 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

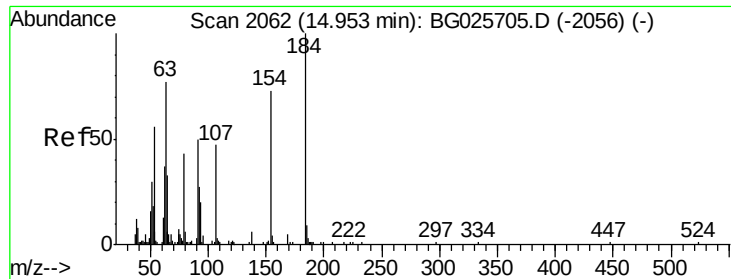
Tgt Ion:	330	Resp:	525562
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.3	115.9
141	39.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 95.73 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025777.D
 Acq: 3 Feb 2017 3:29

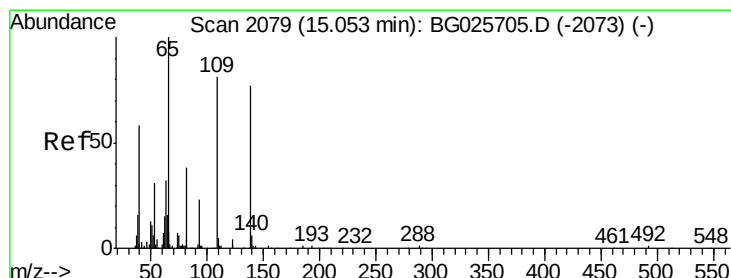
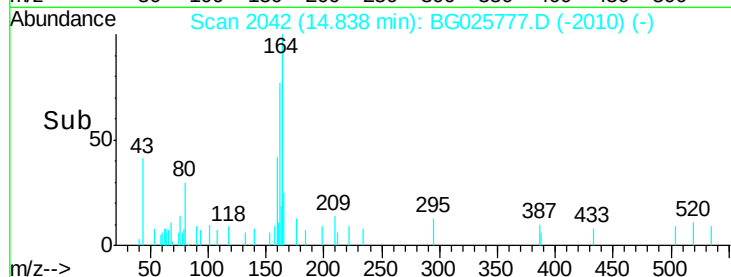
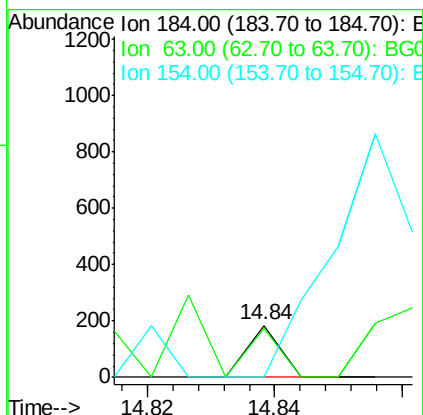
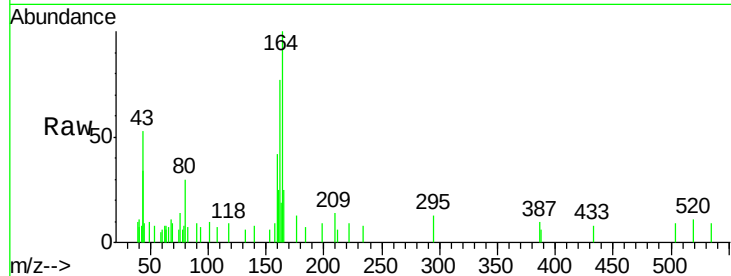
Tgt Ion:	172	Resp:	1503776
Ion Ratio	Lower	Upper	
172	100		
171	39.5	32.2	48.2
170	26.7	21.8	32.6





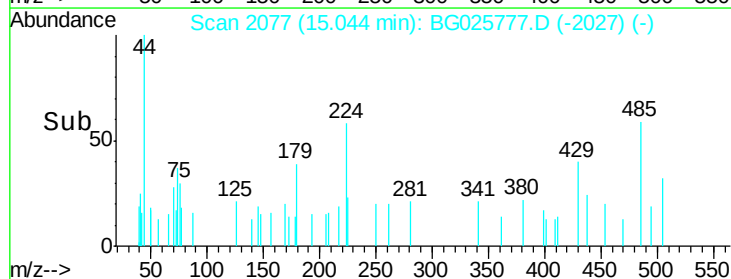
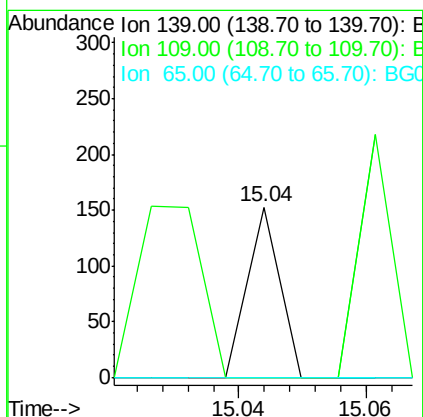
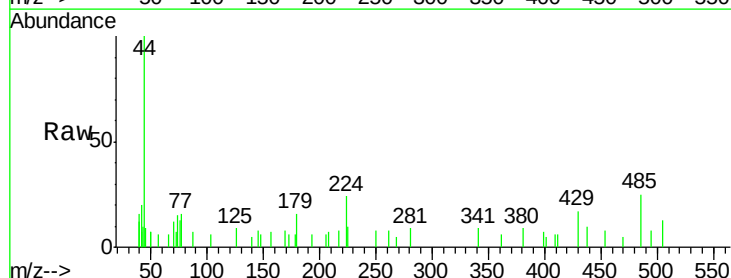
#53
2,4-Dinitrophenol
Concen: 9.46 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.11 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

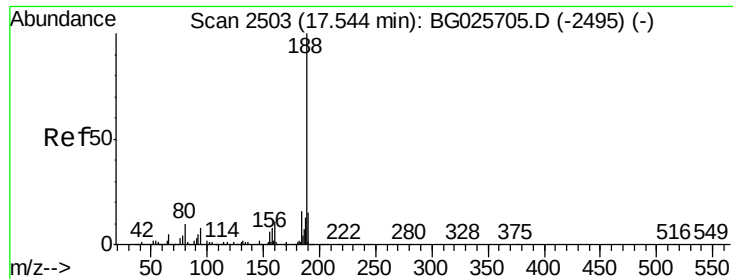
Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 95.1 52.7 79.1#
154 0.0 57.3 85.9#



#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG025777.D
Acq: 3 Feb 2017 3:29

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

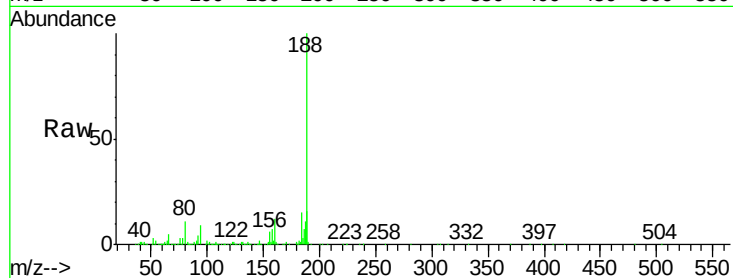
RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

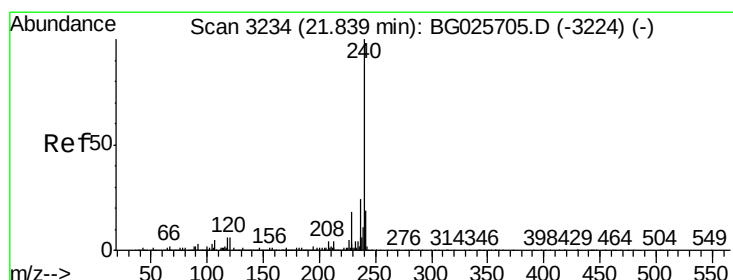
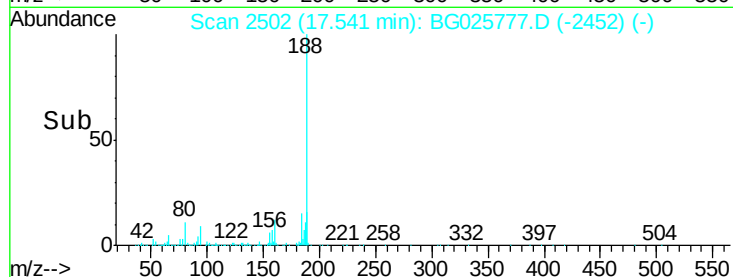
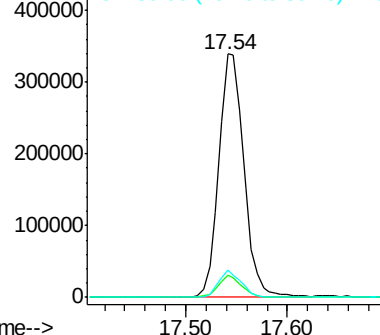
Tgt Ion:	188	Resp:	582375
Ion Ratio	Lower	Upper	
188	100		
94	9.1	5.8	8.8#
80	11.2	7.5	11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

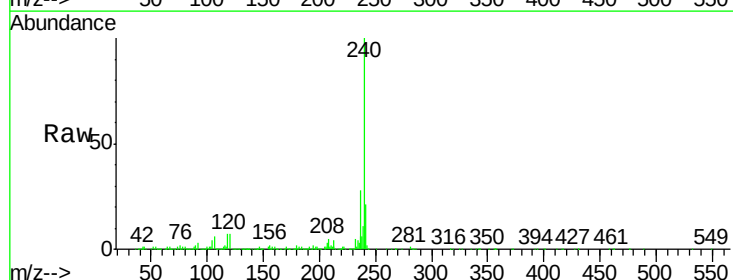
RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

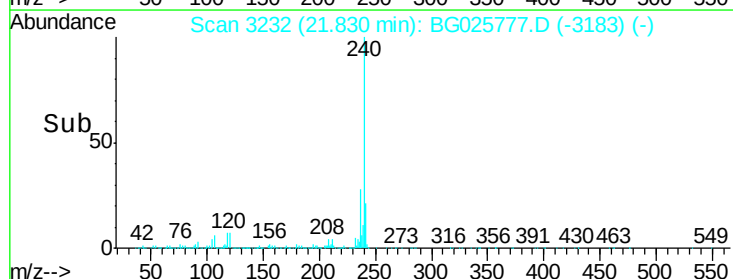
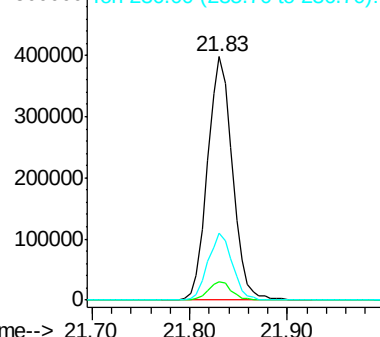
Tgt Ion:	240	Resp:	707619
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.7	8.5
236	27.6	22.2	33.4

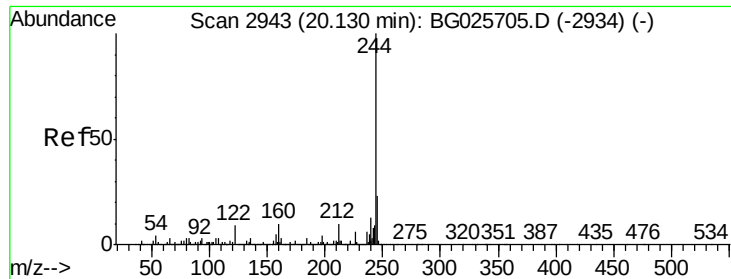


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.72 ng

RT: 20.13 min Scan# 2942

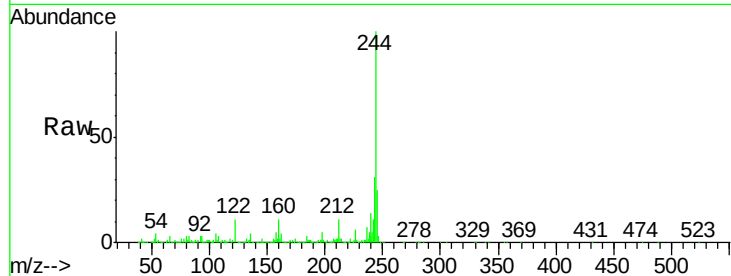
Delta R.T. -0.00 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

Tgt Ion:244 Resp: 2601030

Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	11.0	8.6	12.8

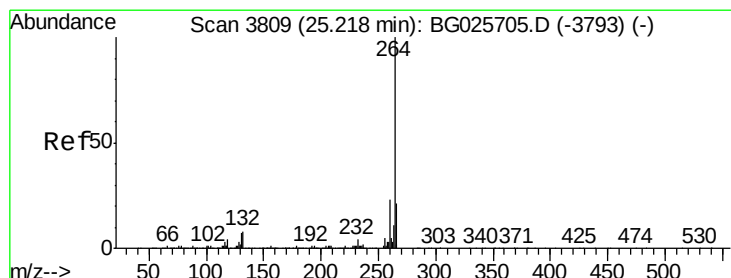
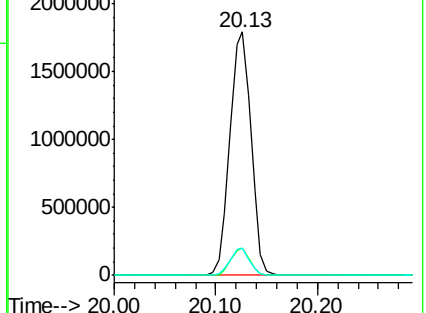
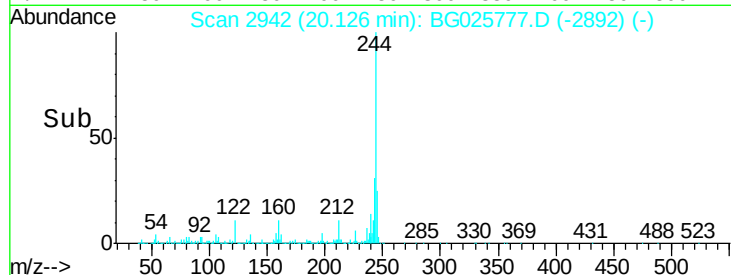


Abundance

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

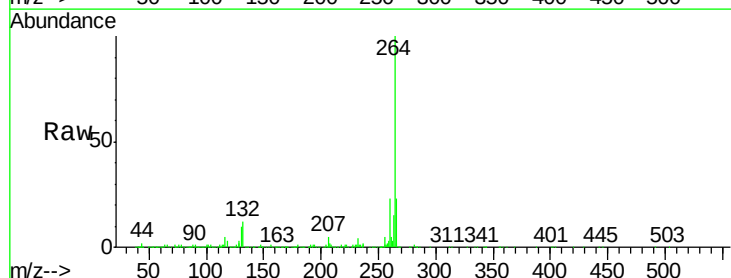
Delta R.T. -0.01 min

Lab File: BG025777.D

Acq: 3 Feb 2017 3:29

Tgt Ion:264 Resp: 709319

Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	22.9	18.2	27.4



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

