

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025775.D
 Acq On : 3 Feb 2017 2:11
 Operator : SJ/MA
 Sample : I1658-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

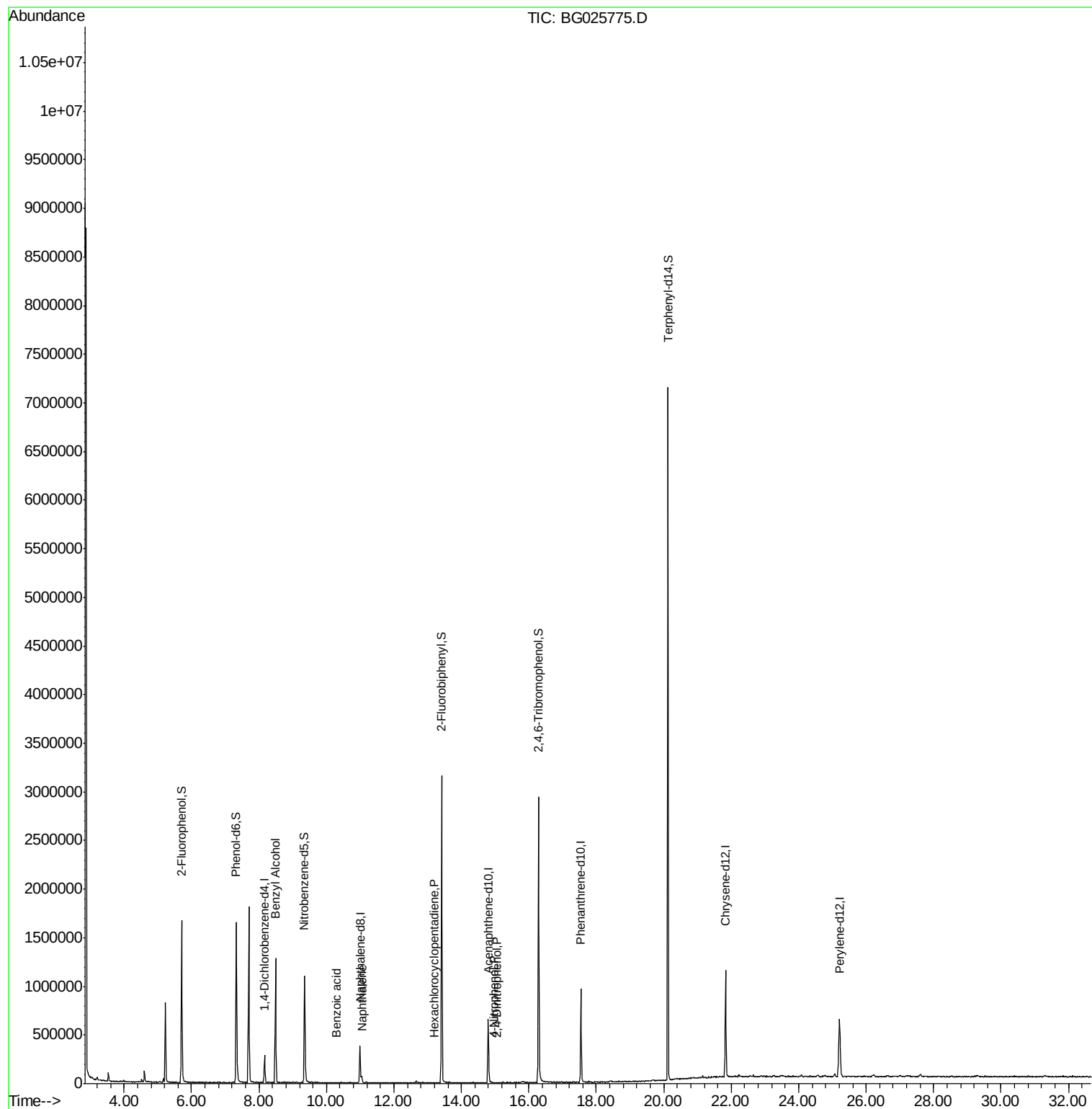
Quant Time: Feb 03 04:20:41 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

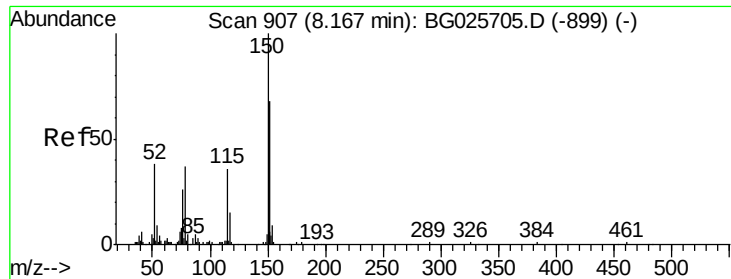
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72735	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	322163	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	256365	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	589682	20.00	ng	0.00
75) Chrysene-d12	21.83	240	738781	20.00	ng	0.00
86) Perylene-d12	25.21	264	707837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	663207	163.42	ng	0.00
7) Phenol-d6	7.33	99	905037	152.69	ng	0.00
23) Nitrobenzene-d5	9.35	82	746692	97.93	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	552621	151.15	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1511504	95.76	ng	0.00
78) Terphenyl-d14	20.12	244	2712217	88.61	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.48	79	11702	2.28	ng	# 52
31) Naphthalene	11.05	128	46876	2.80	ng	96
32) Benzoic acid	10.31	122	93	7.91	ng	# 1
40) Hexachlorocyclopentadiene	13.19	237	87	10.71	ng	87
53) 2,4-Dinitrophenol	15.04	184	63	9.46	ng	# 15
55) 4-Nitrophenol	14.97	139	93	5.61	ng	# 14

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

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Quant Time: Feb 03 04:20:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
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QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

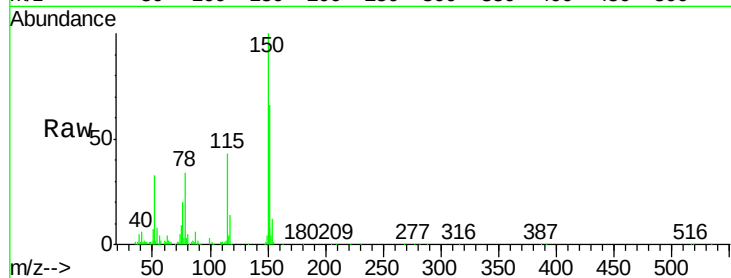
Tgt Ion:152 Resp: 72735

Ion Ratio Lower Upper

152 100

150 150.8 114.0 171.0

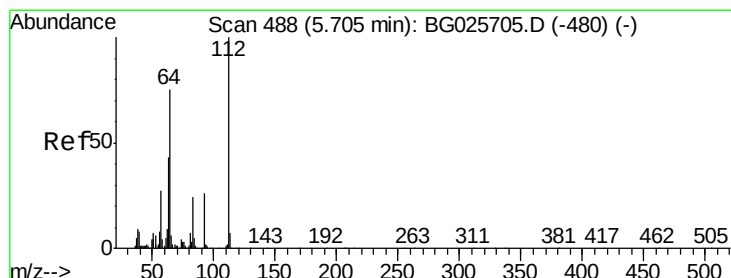
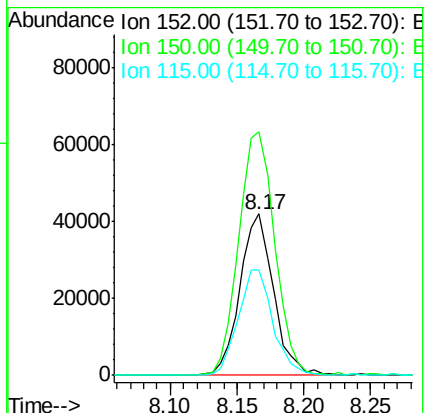
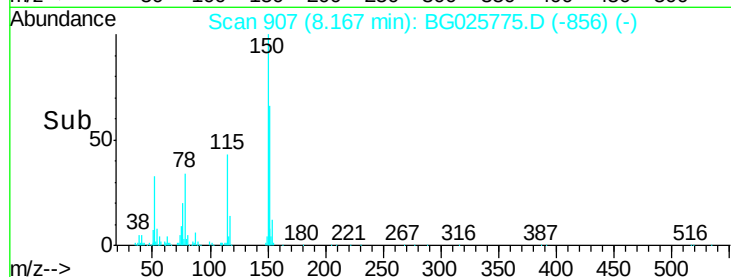
115 65.1 48.1 72.1



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: 163.42 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

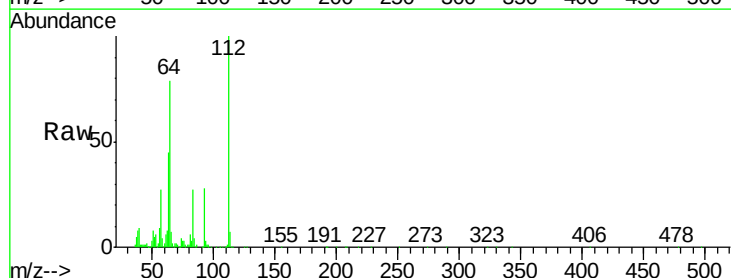
Tgt Ion:112 Resp: 663207

Ion Ratio Lower Upper

112 100

64 79.5 61.8 92.6

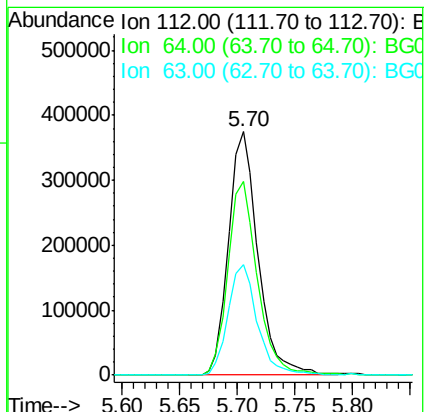
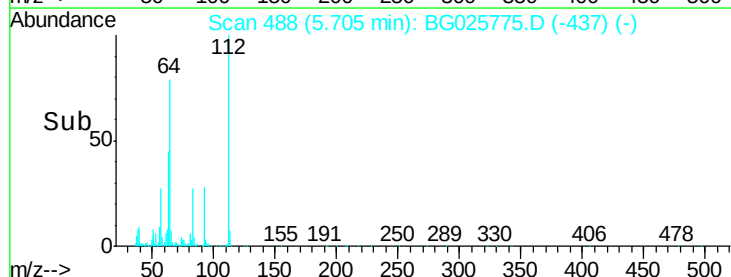
63 45.2 37.2 55.8

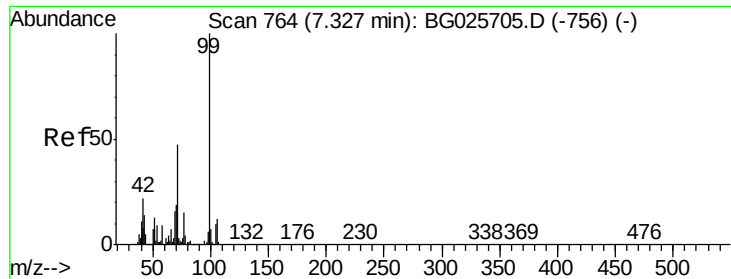


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 152.69 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

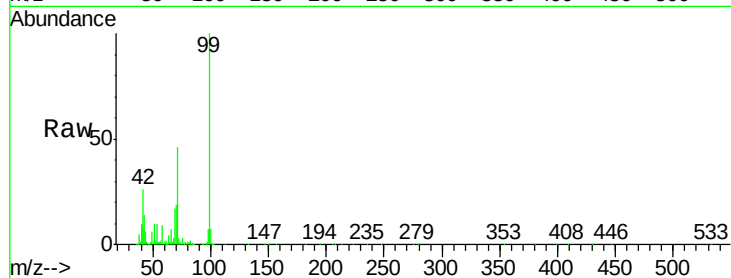
Tgt Ion: 99 Resp: 905037

Ion Ratio Lower Upper

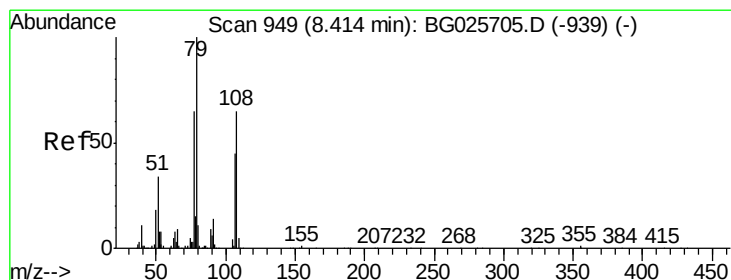
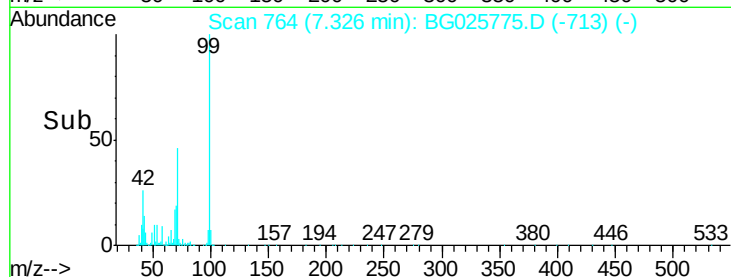
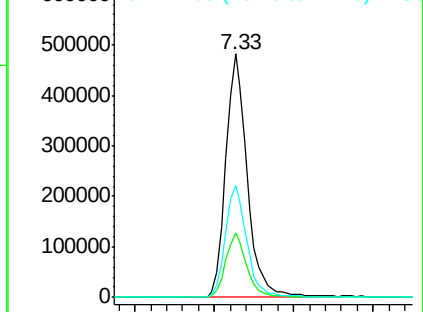
99 100

42 26.2 20.5 30.7

71 46.0 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: 2.28 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.06 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

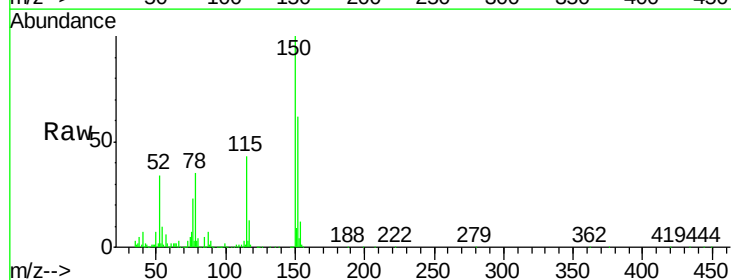
Tgt Ion: 79 Resp: 11702

Ion Ratio Lower Upper

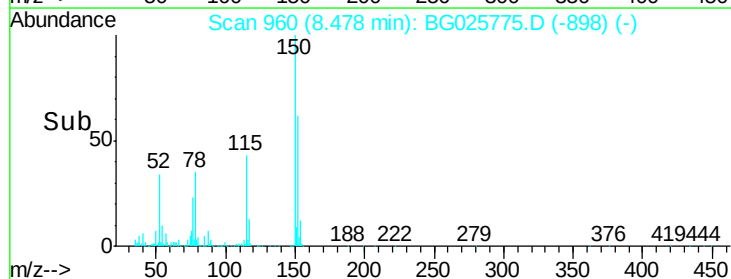
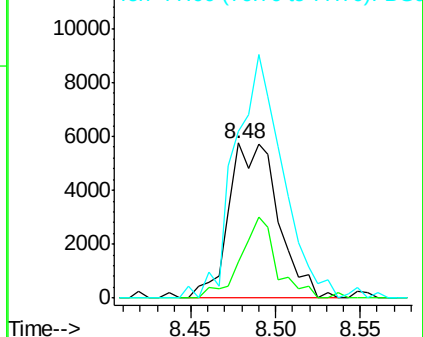
79 100

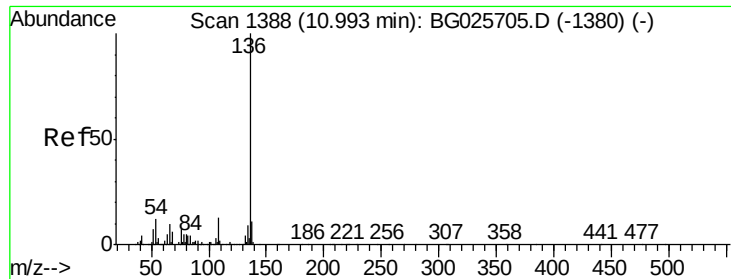
108 23.3 45.5 68.3#

77 107.9 54.3 81.5#



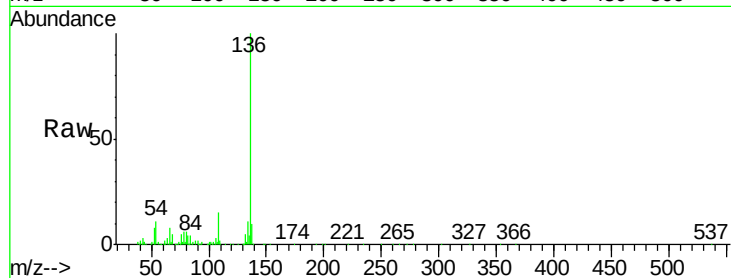
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



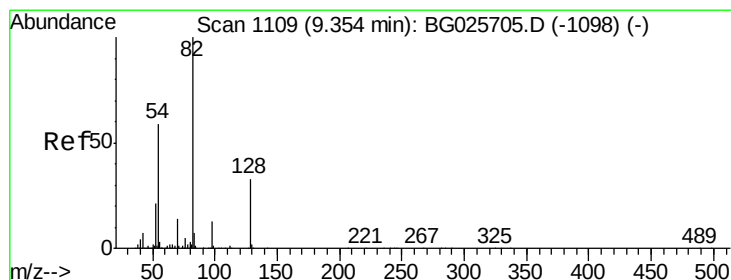
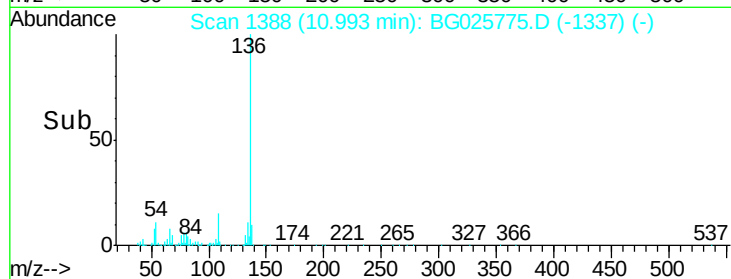
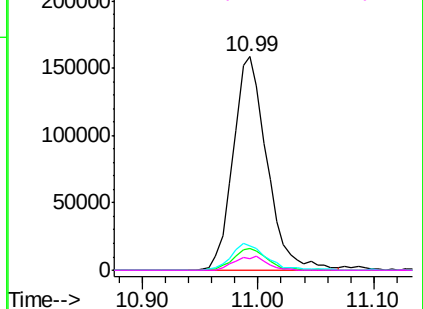


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Tgt Ion:	136	Resp:	322163
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.1	9.3	13.9
68	5.2	5.1	7.7

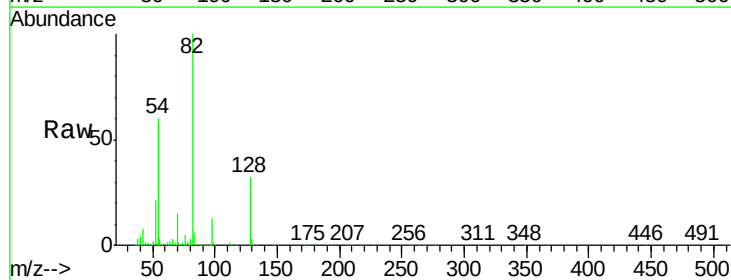


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

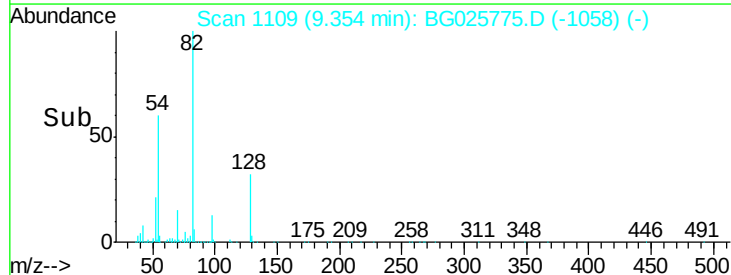
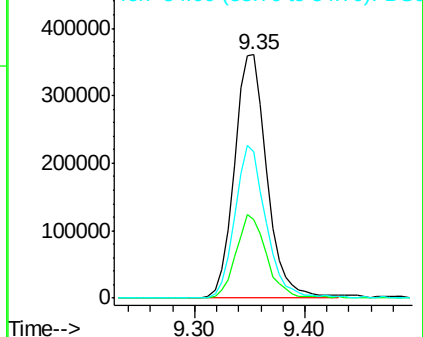


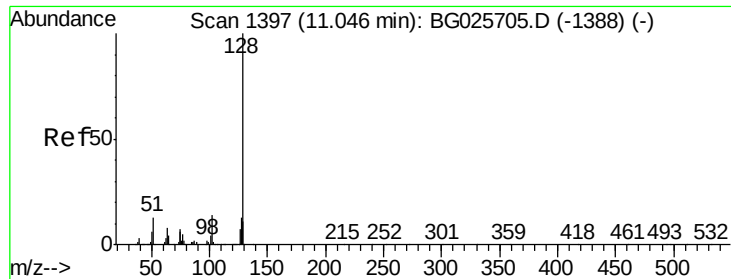
#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Tgt Ion:	82	Resp:	746692
Ion	Ratio	Lower	Upper
82	100		
128	32.1	26.4	39.6
54	60.1	49.4	74.2



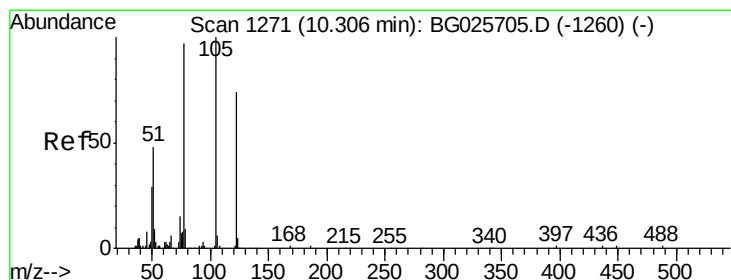
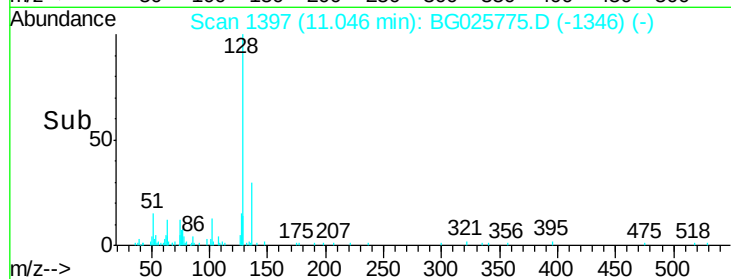
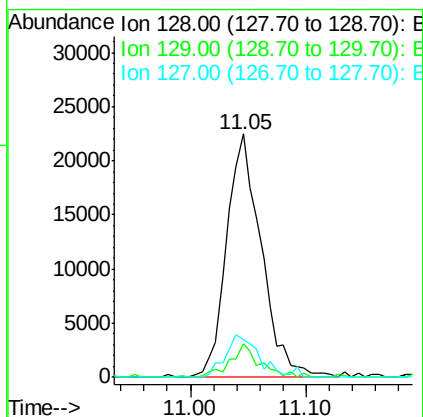
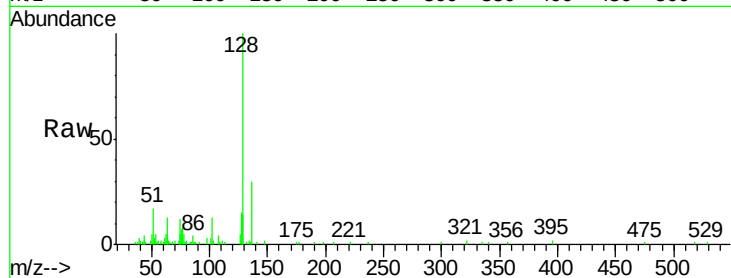
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





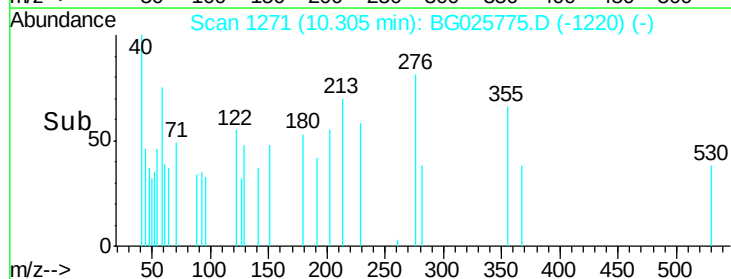
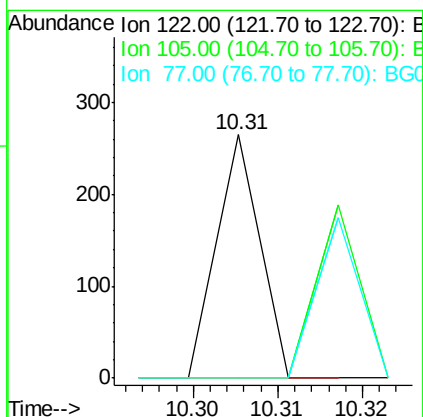
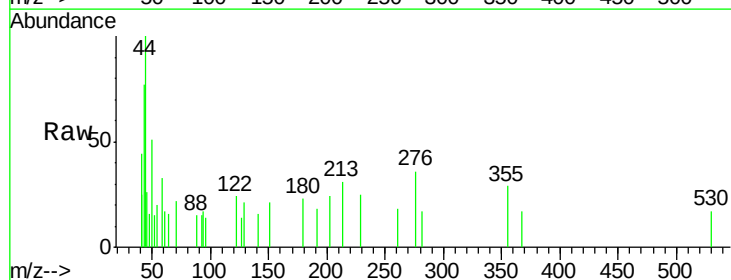
#31
Naphthalene
Concen: 2.80 ng
RT: 11.05 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

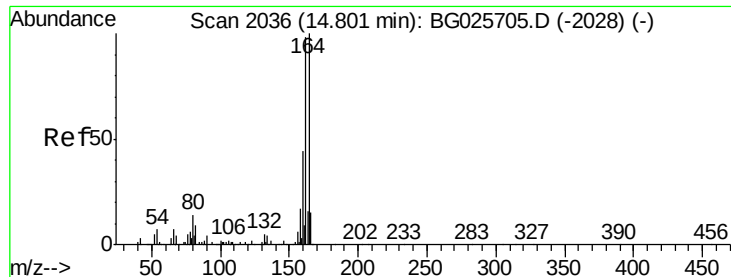
Tgt Ion:	128	Resp:	46876
Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.3	13.9
127	15.3	11.4	17.0



#32
Benzoic acid
Concen: 7.91 ng
RT: 10.31 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

Tgt Ion:	122	Resp:	93
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

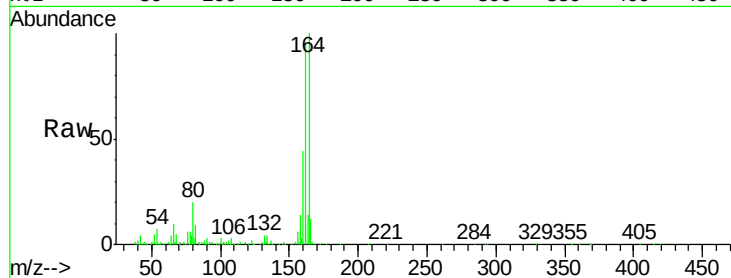
RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

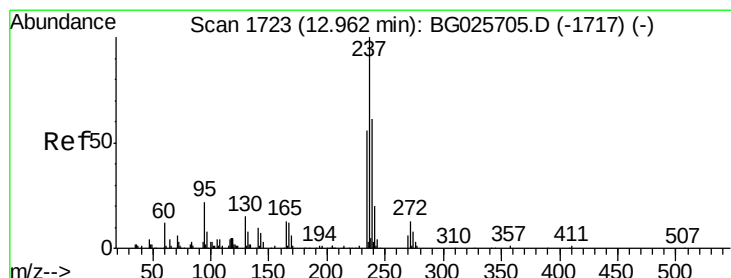
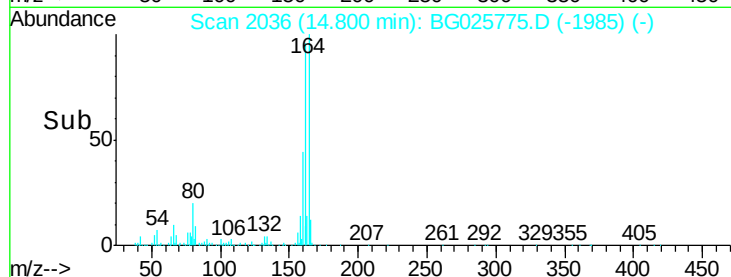
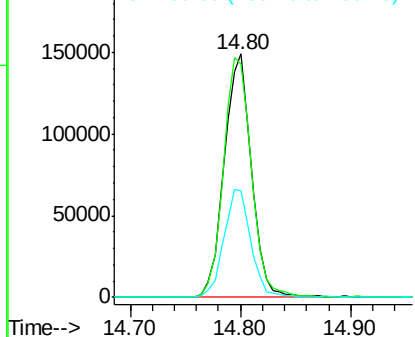
Tgt Ion:	164	Resp:	256365
Ion Ratio	Lower	Upper	
164	100		
162	95.8	85.1	127.7
160	43.6	34.7	52.1



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



#40

Hexachlorocyclopentadiene

Concen: 10.71 ng

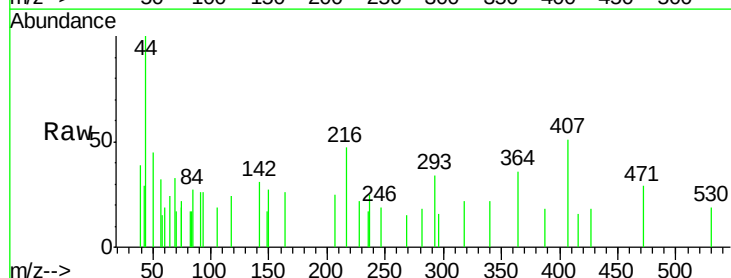
RT: 13.19 min Scan# 1762

Delta R.T. 0.23 min

Lab File: BG025775.D

Acq: 3 Feb 2017 2:11

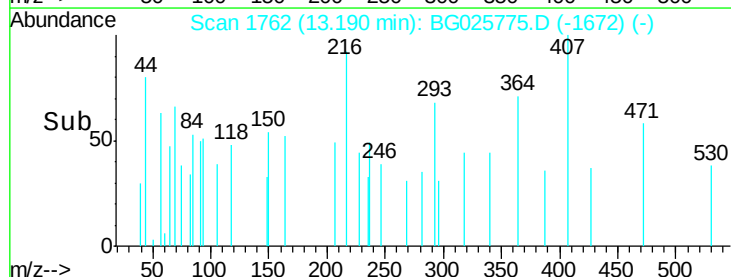
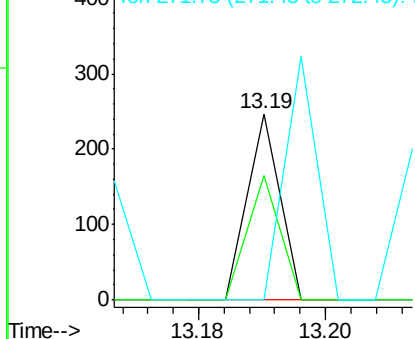
Tgt Ion:	237	Resp:	87
Ion Ratio	Lower	Upper	
237	100		
235	66.8	39.4	79.4
272	0.0	0.0	32.0

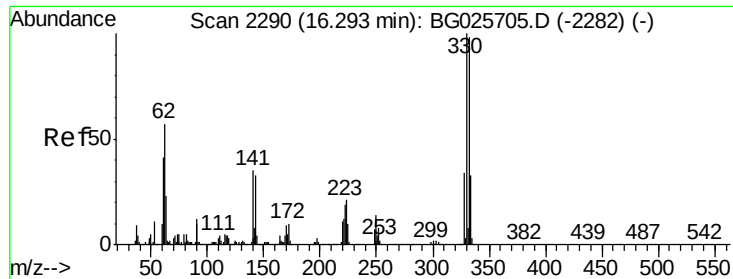


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

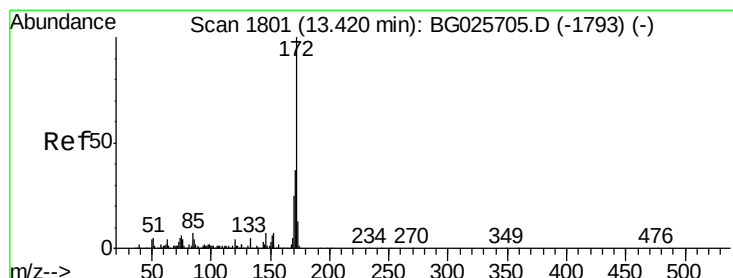
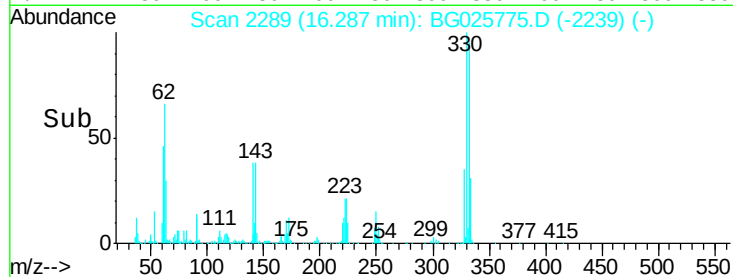
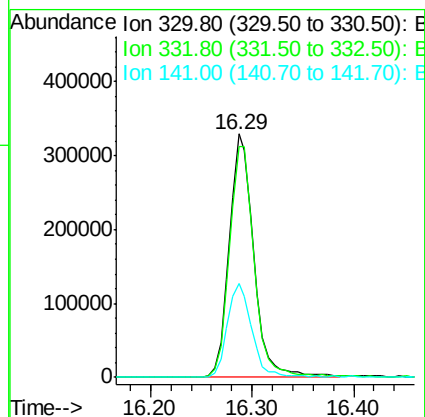
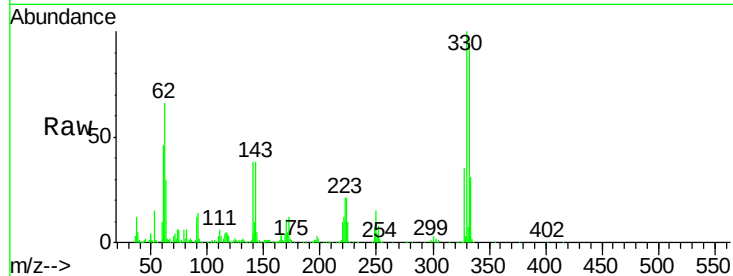
Ion 271.75 (271.45 to 272.45): E





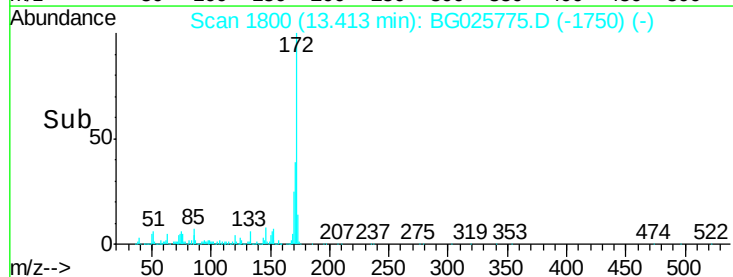
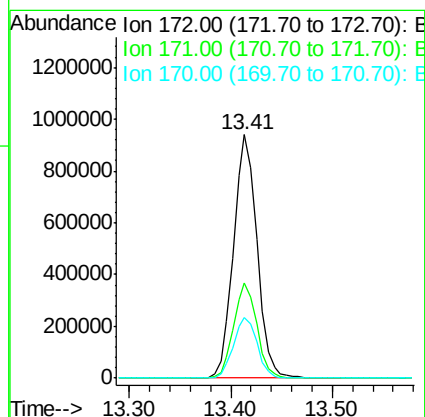
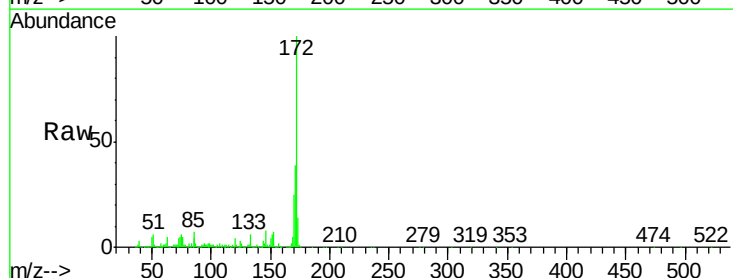
#41
 2,4,6-Tribromophenol
 Concen: 151.15 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

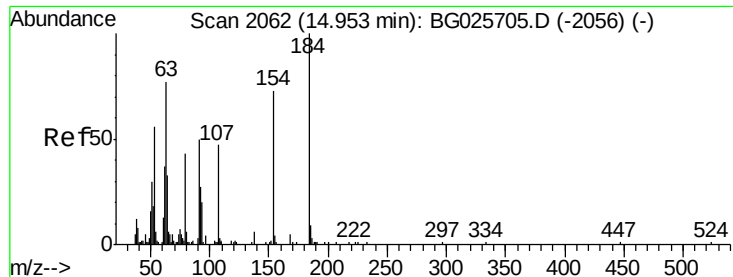
Tgt Ion:	330	Resp:	552621
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	38.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 95.76 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

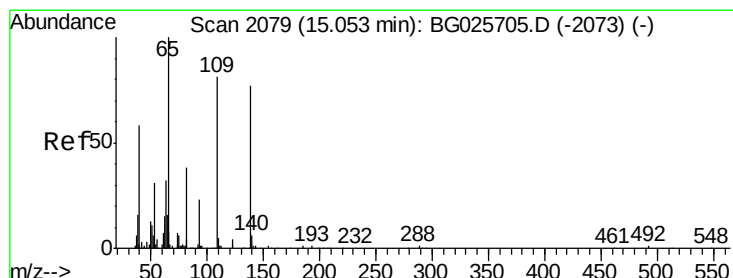
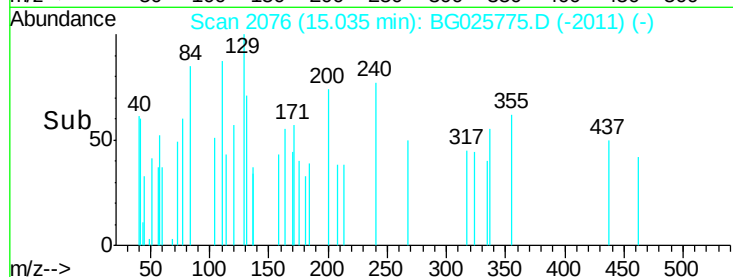
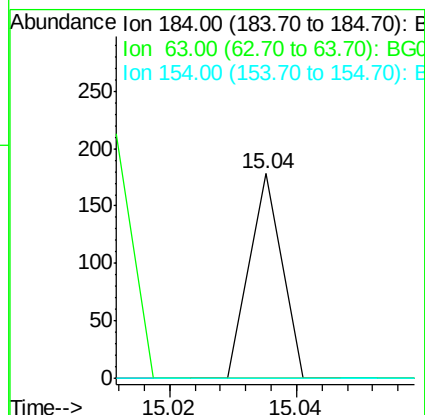
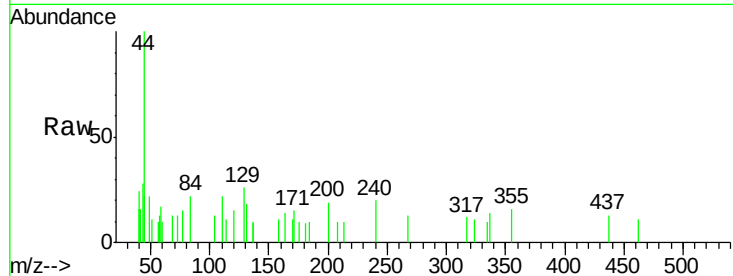
Tgt Ion:	172	Resp:	1511504
Ion Ratio	Lower	Upper	
172	100		
171	38.9	32.2	48.2
170	24.9	21.8	32.6





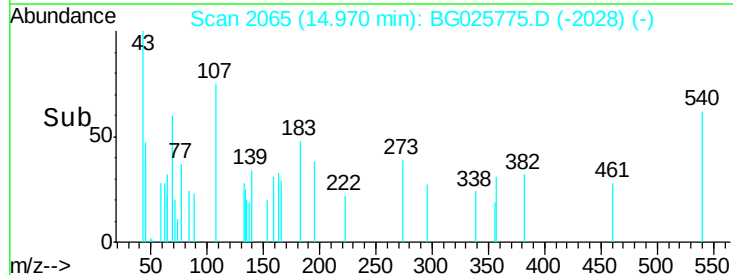
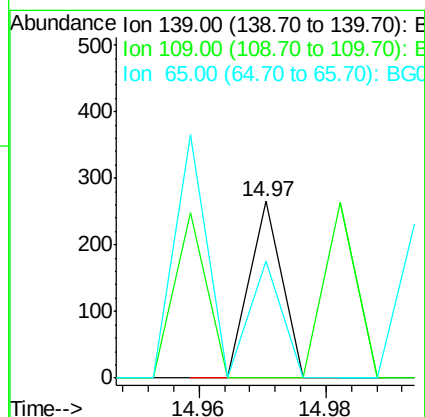
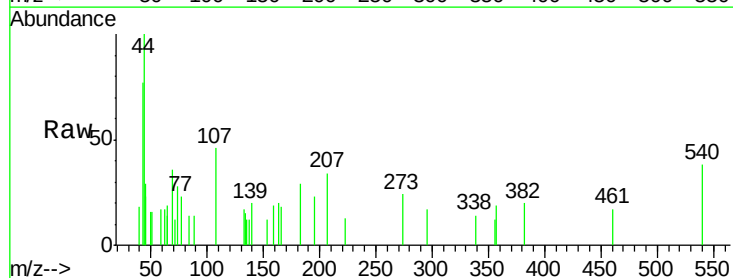
#53
 2,4-Dinitrophenol
 Concen: 9.46 ng
 RT: 15.04 min Scan# 2076
 Delta R.T. 0.08 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

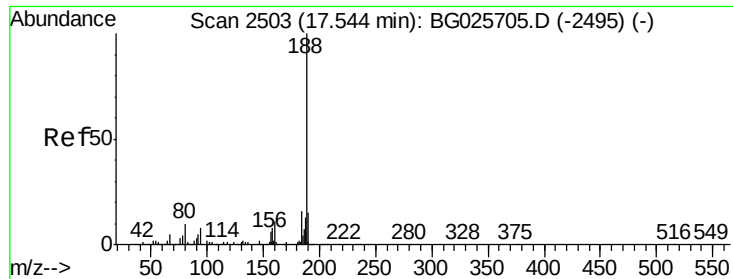
Tgt Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#55
 4-Nitrophenol
 Concen: 5.61 ng
 RT: 14.97 min Scan# 2065
 Delta R.T. -0.08 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

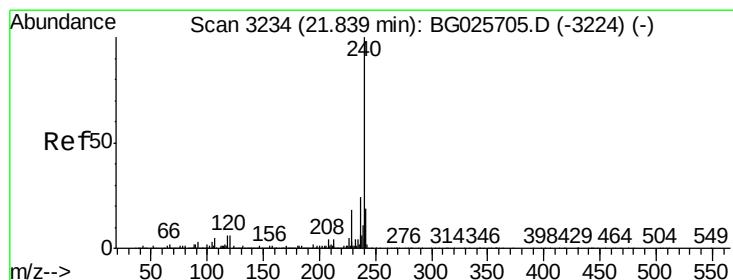
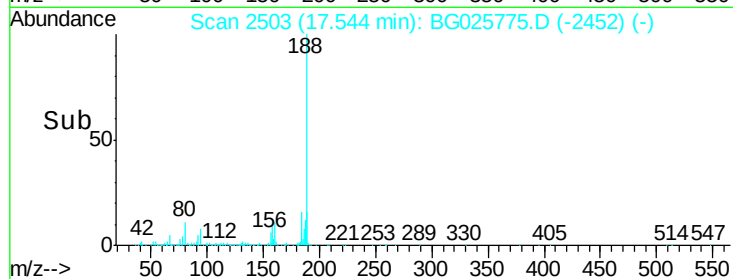
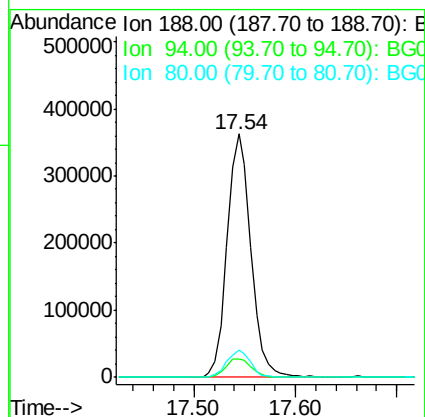
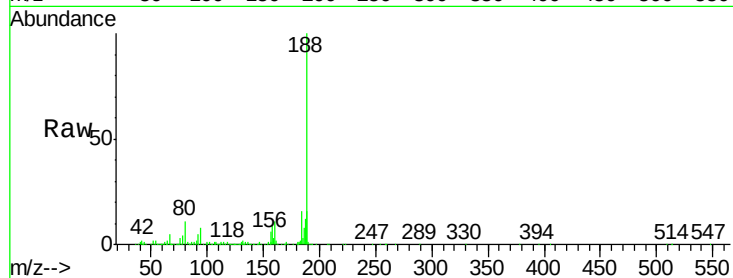
Tgt Ion:139 Resp: 93
 Ion Ratio Lower Upper
 139 100
 109 0.0 101.2 141.2#
 65 66.0 135.3 175.3#





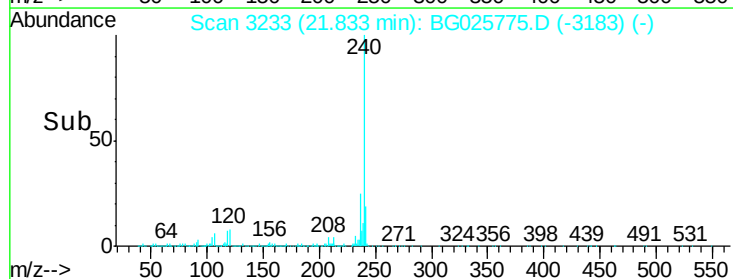
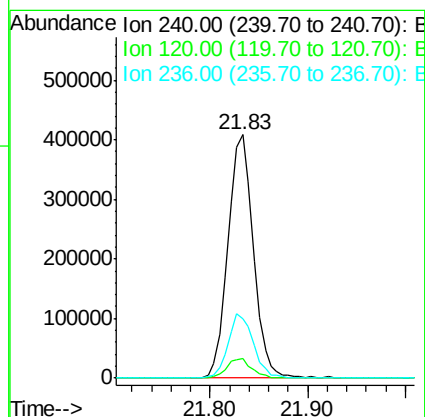
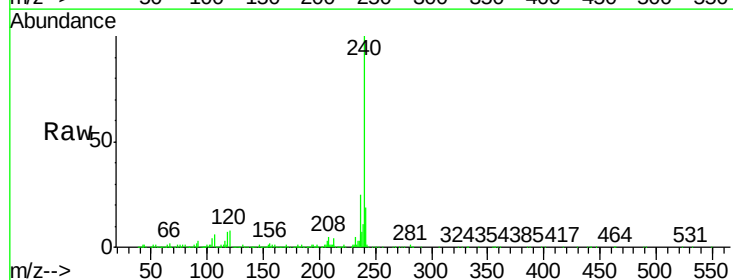
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

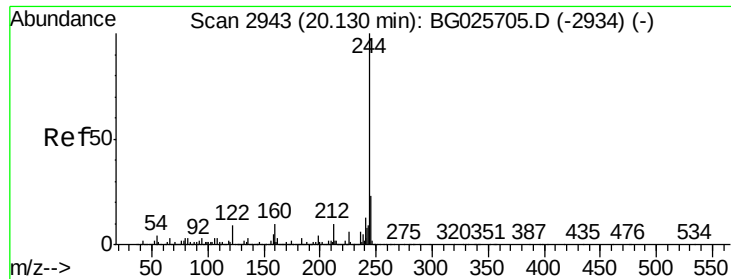
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.8
80	11.4	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG025775.D
Acq: 3 Feb 2017 2:11

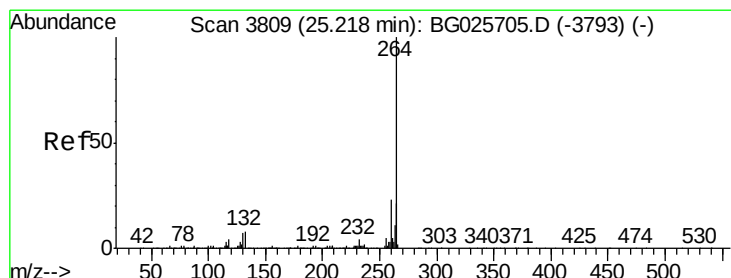
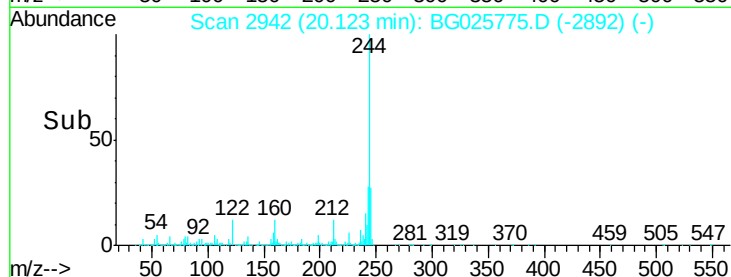
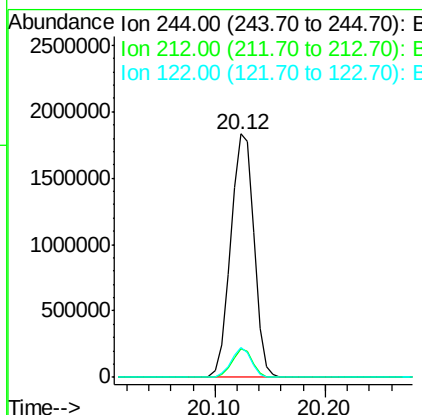
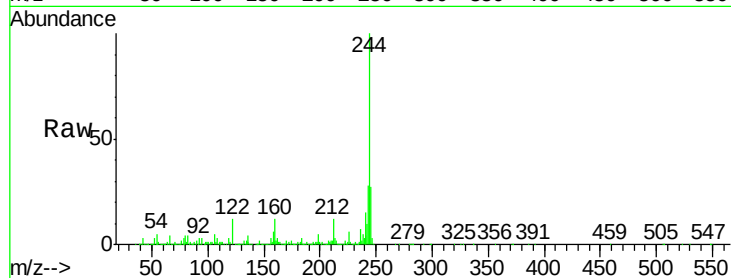
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	24.6	22.2	33.4





#78
 Terphenyl-d14
 Concen: 88.61 ng
 RT: 20.12 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

Tgt Ion:244 Resp: 2712217
 Ion Ratio Lower Upper
 244 100
 212 11.8 10.0 15.0
 122 12.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. -0.01 min
 Lab File: BG025775.D
 Acq: 3 Feb 2017 2:11

Tgt Ion:264 Resp: 707837
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 21.3 18.2 27.4

