

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041316\BG041316RAW\
 Data File : BG021639.D
 Acq On : 14 Apr 2016 4:18
 Operator : UM/SJ
 Sample : H1824-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 14 13:21:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

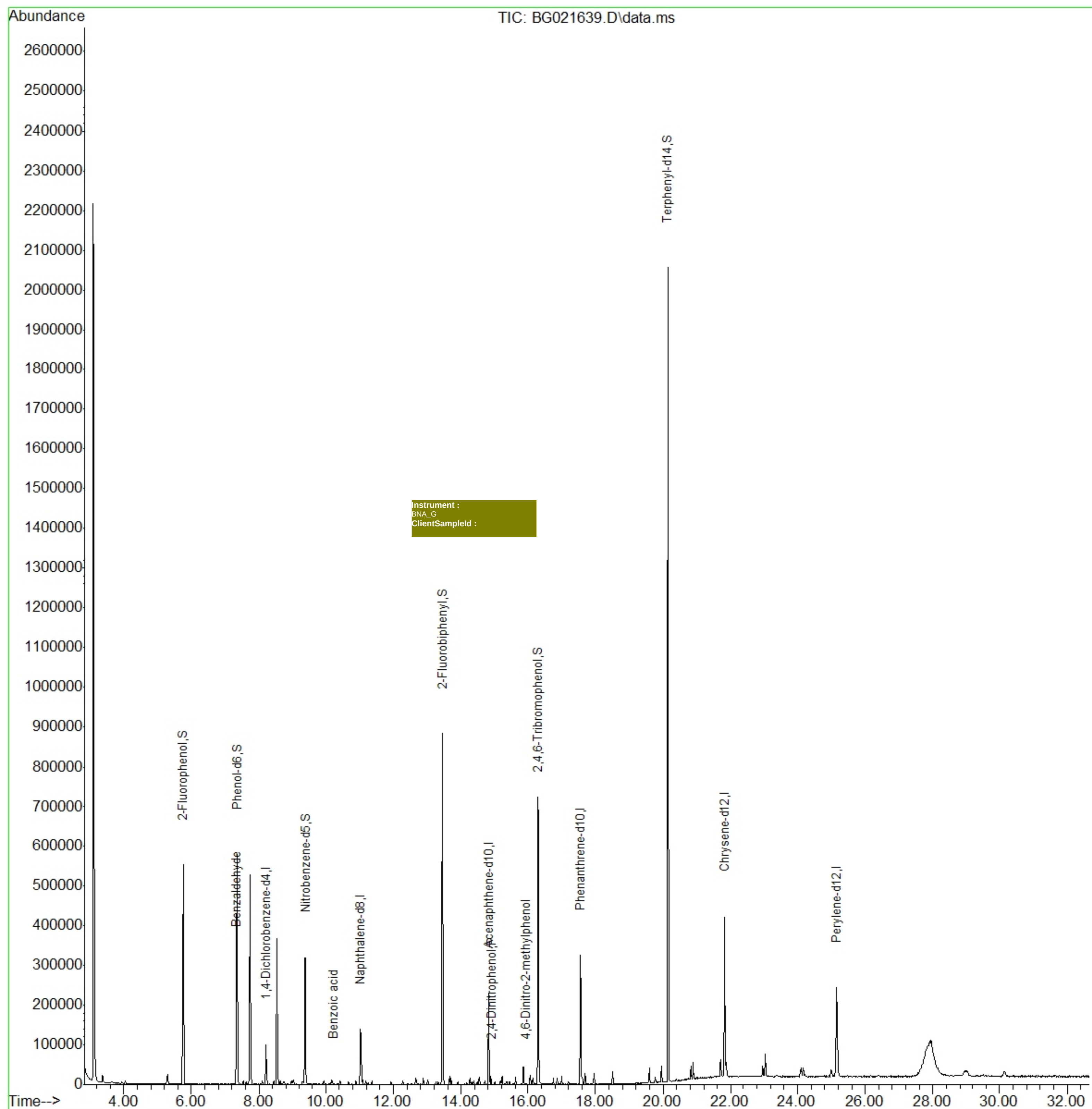
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	27299	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	122058	20.00	ng	0.00
38) Acenaphthene-d10	14.824	164	80315	20.00	ng	0.00
63) Phenanthrene-d10	17.556	188	204368	20.00	ng	0.00
75) Chrysene-d12	21.827	240	240586	20.00	ng	0.00
86) Perylene-d12	25.159	264	231818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	234334	142.95	ng	0.00
7) Phenol-d6	7.356	99	337096	137.66	ng	0.00
23) Nitrobenzene-d5	9.377	82	199830	84.15	ng	0.00
41) 2,4,6-Tribromophenol	16.304	330	123991	143.24	ng	0.00
44) 2-Fluorobiphenyl	13.455	172	470801	85.89	ng	0.00
78) Terphenyl-d14	20.147	244	854945	88.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.338	77	3698	2.61	ng	84
32) Benzoic acid	10.235	122	114	4.37	ng	# 36
53) 2,4-Dinitrophenol	14.918	184	70	7.58	ng	# 51
64) 4,6-Dinitro-2-methylph...	15.916	198	683	6.11	ng	# 61

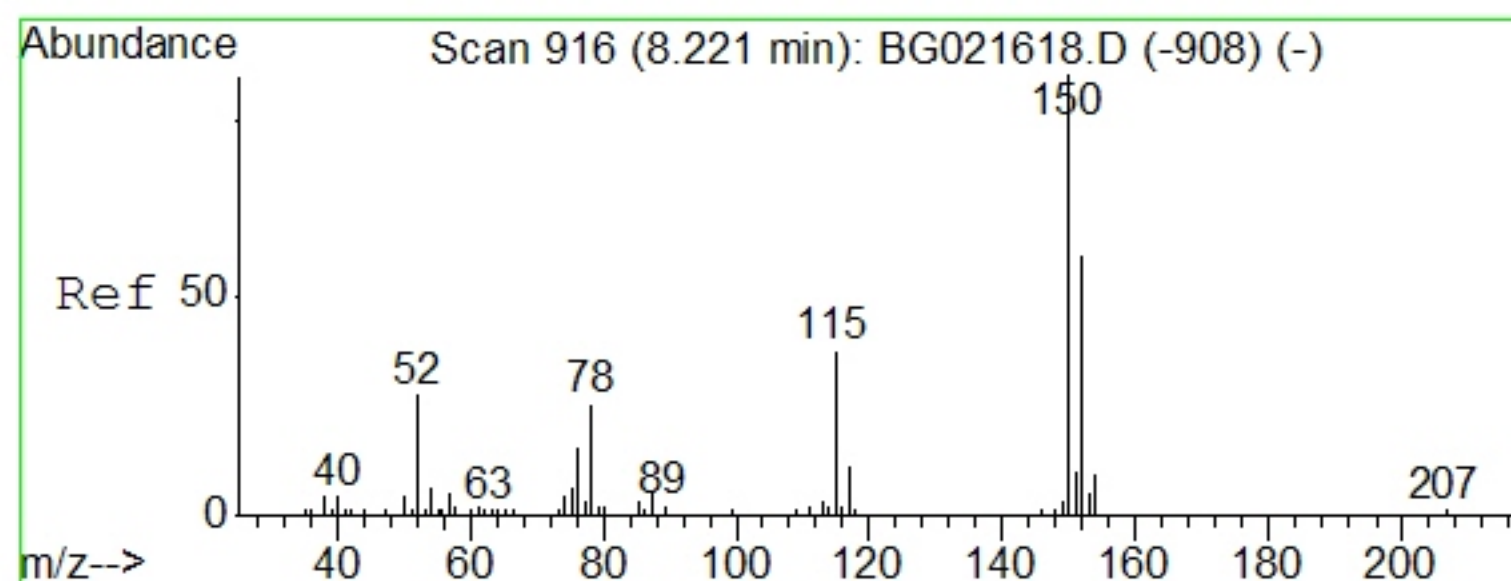
Instrument :
 BNA_G
 ClientSampleId :

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041316\BG041316RAW\
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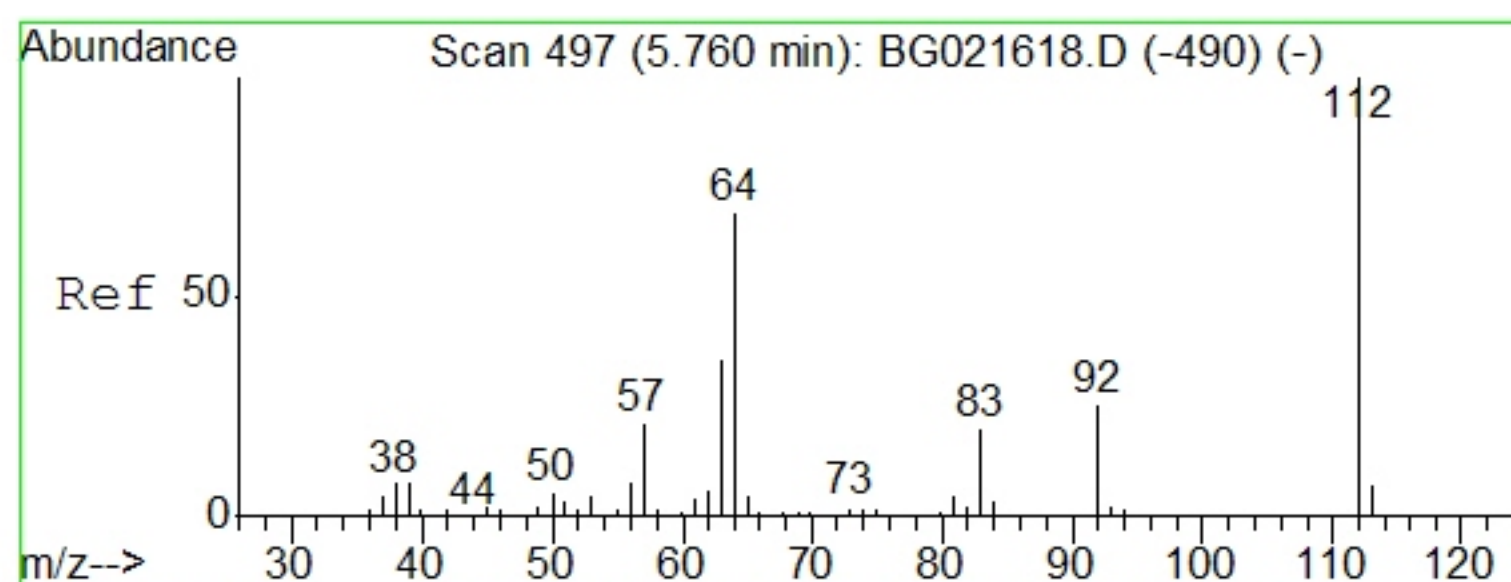
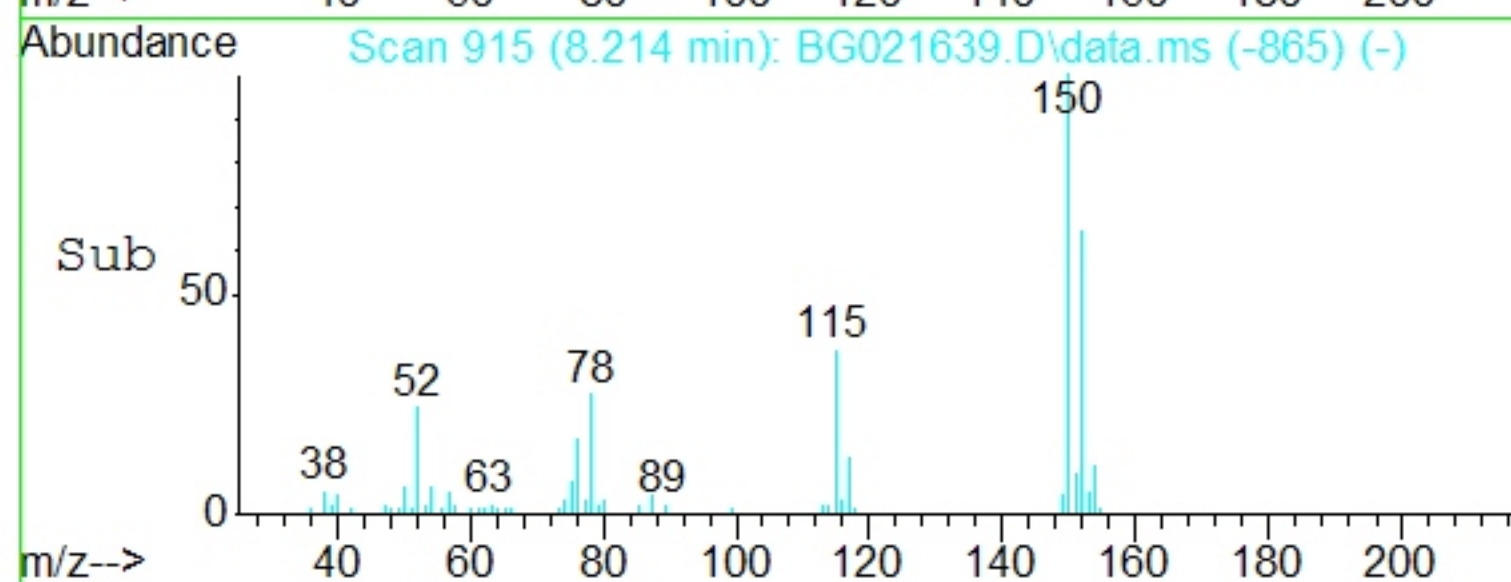
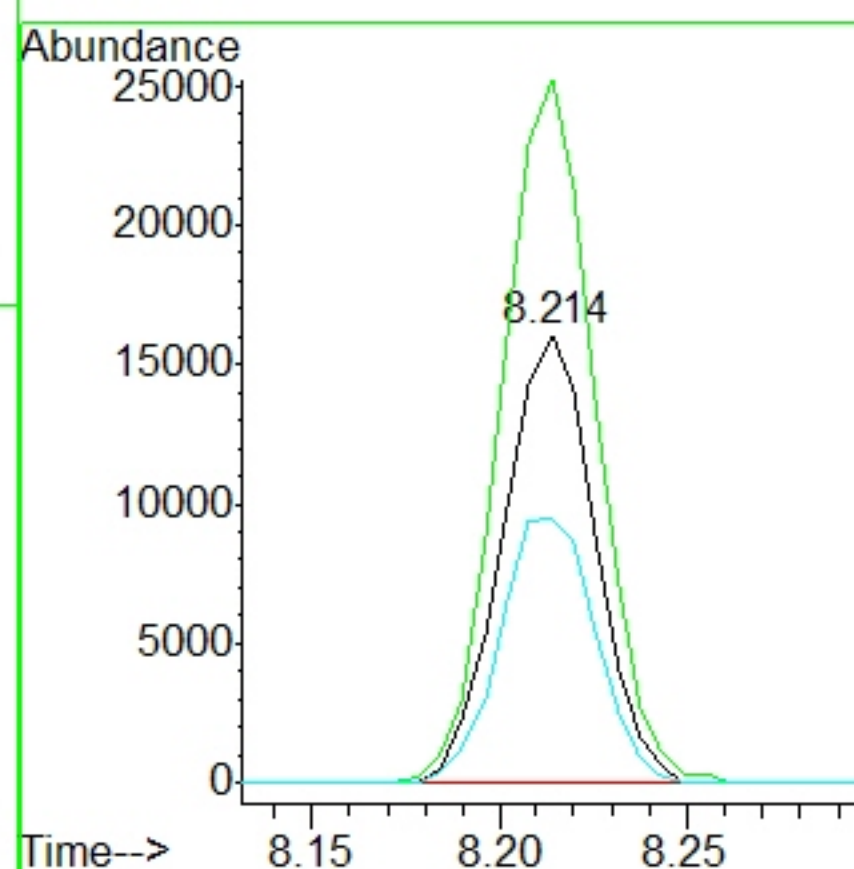
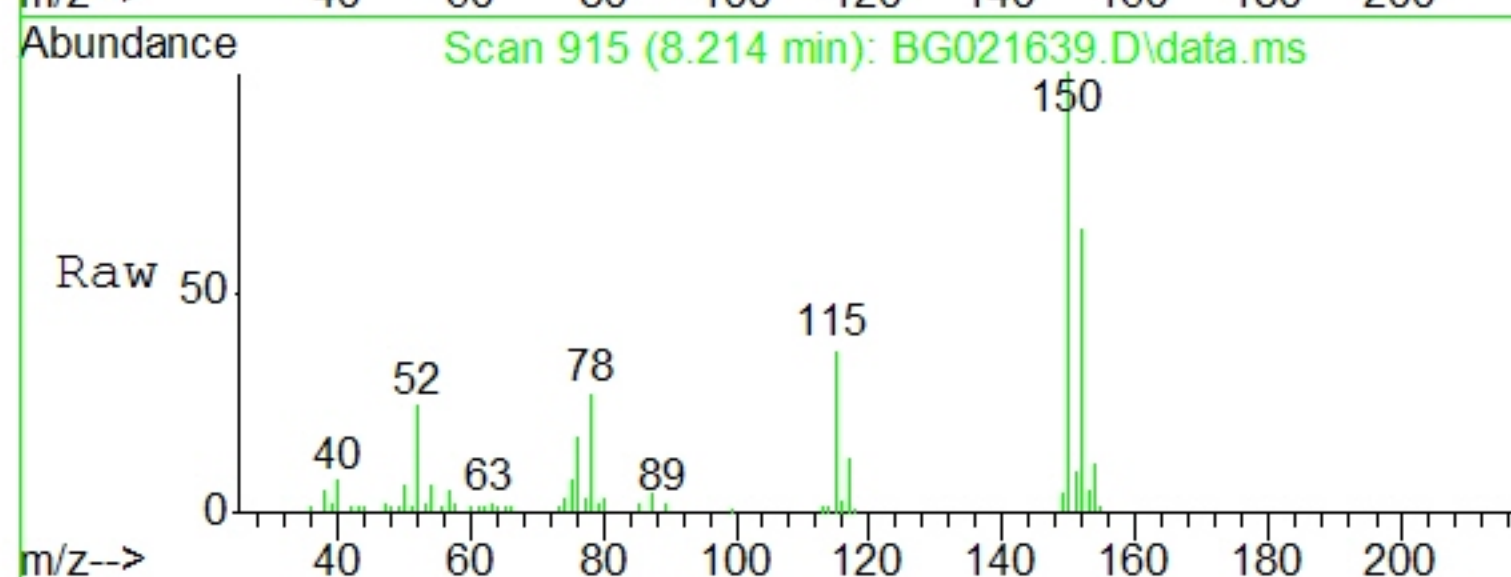
Quant Time: Apr 14 13:21:08 2016
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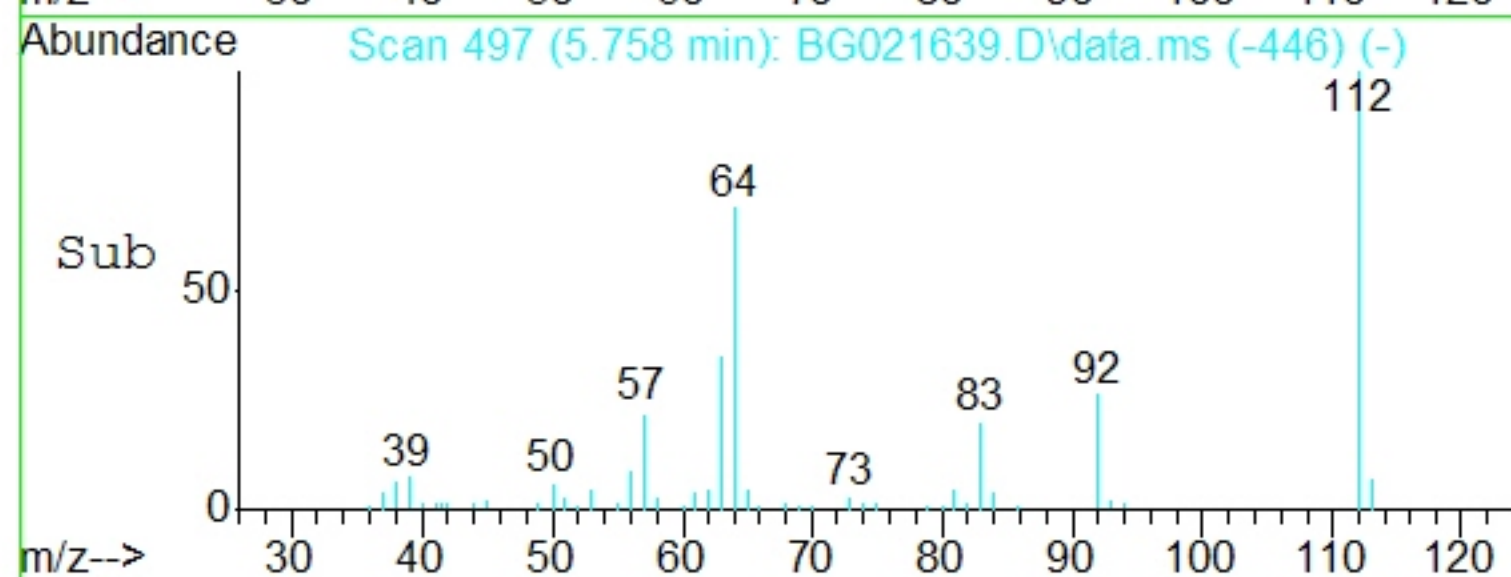
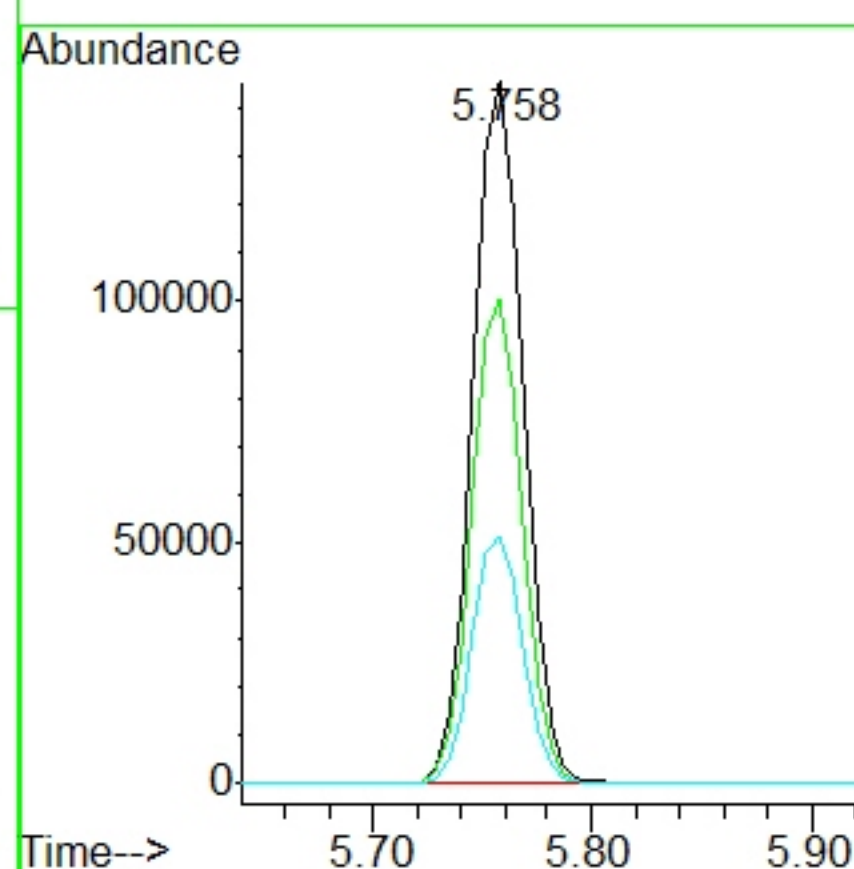
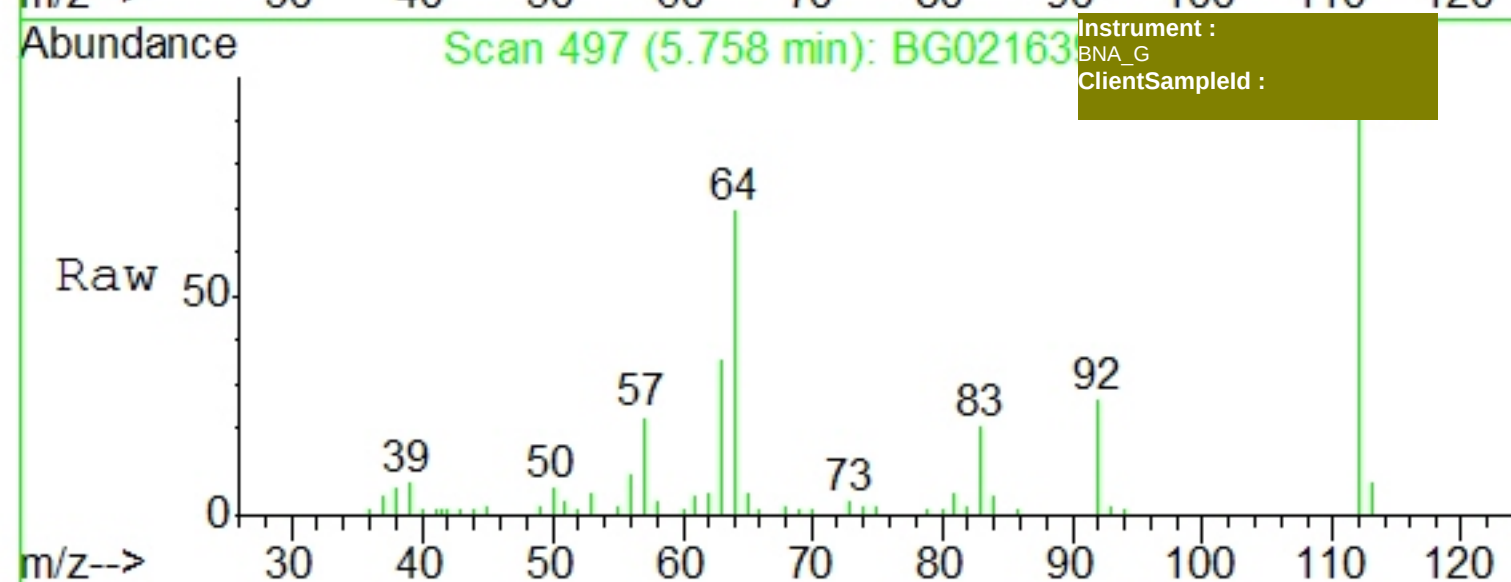
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.214 min Scan# 915
Delta R.T. -0.008 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

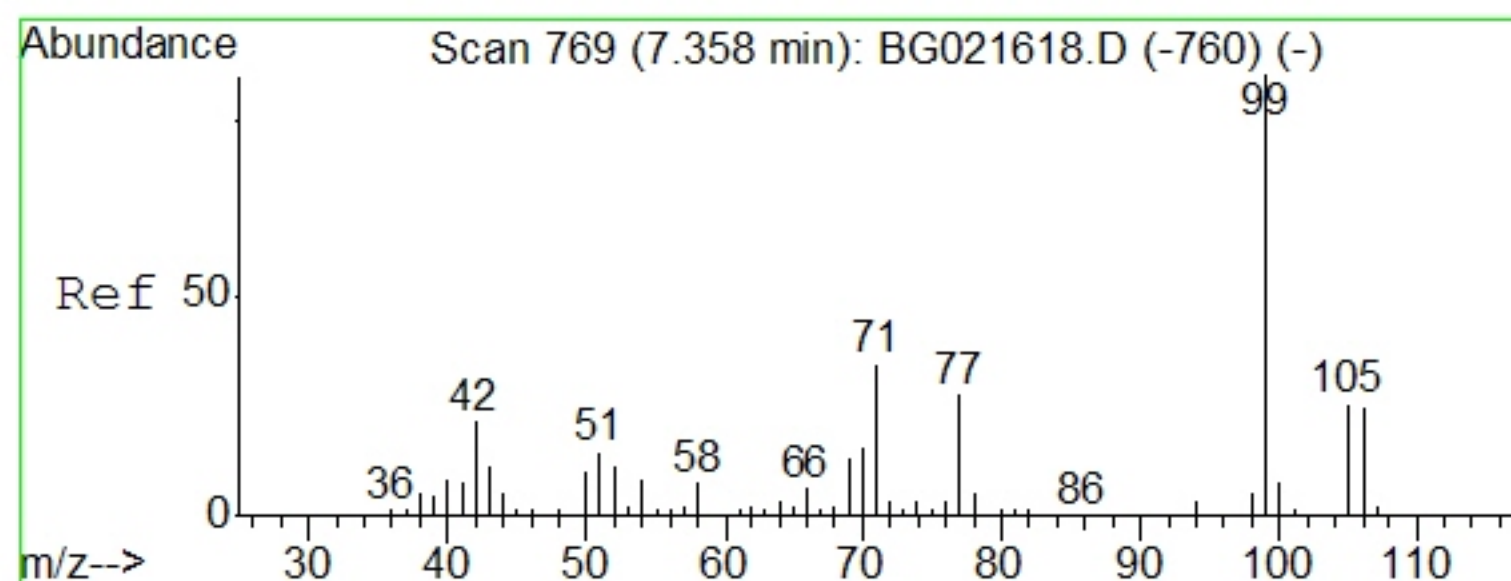
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	130.1	195.1
115	58.8	62.2	93.2#



#5
2-Fluorophenol
Concen: 142.95 ng
RT: 5.758 min Scan# 497
Delta R.T. -0.001 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

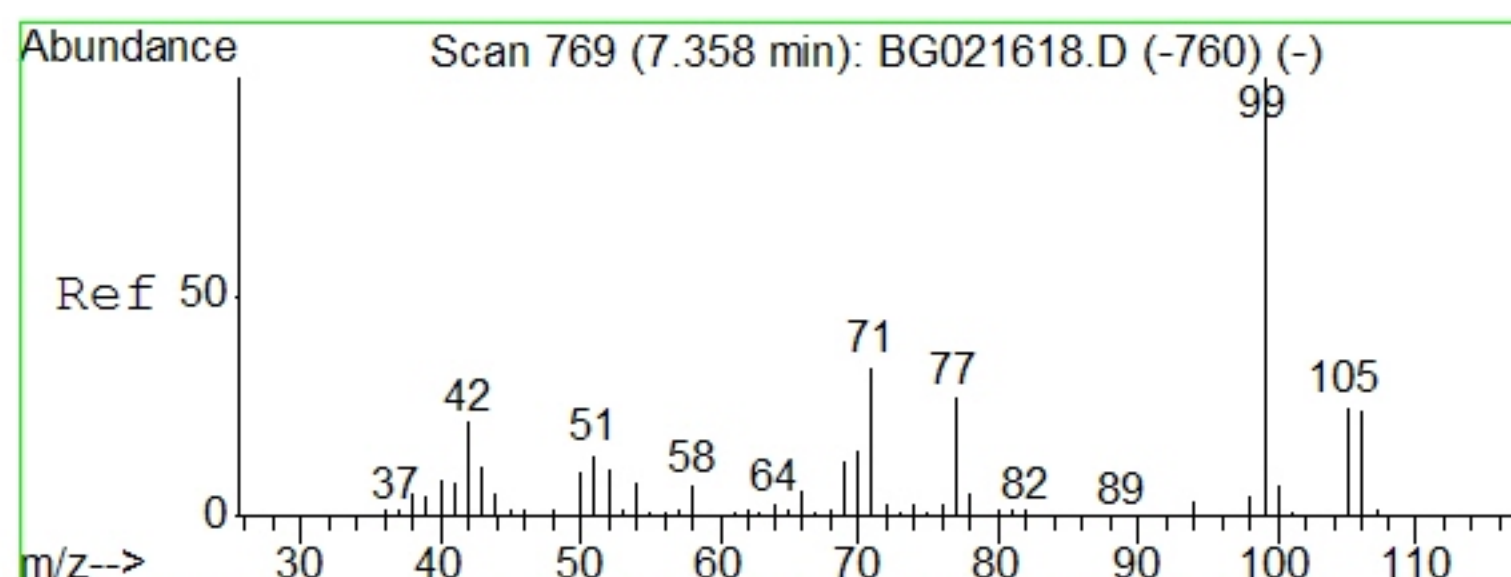
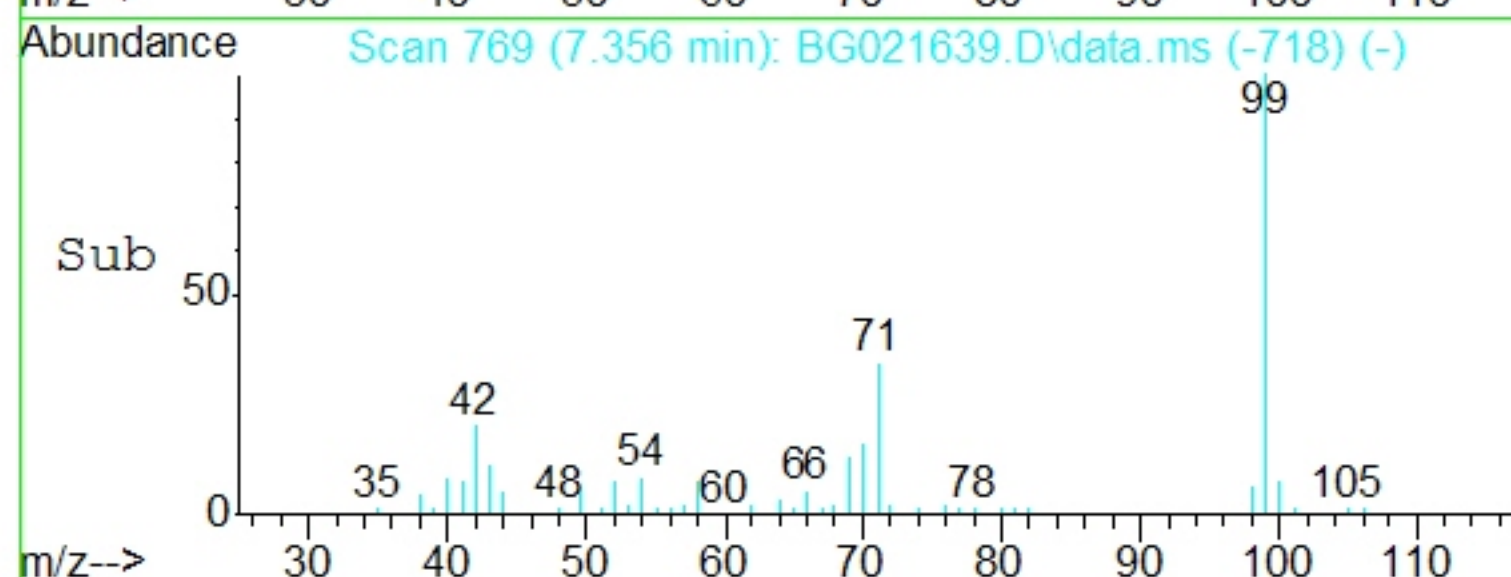
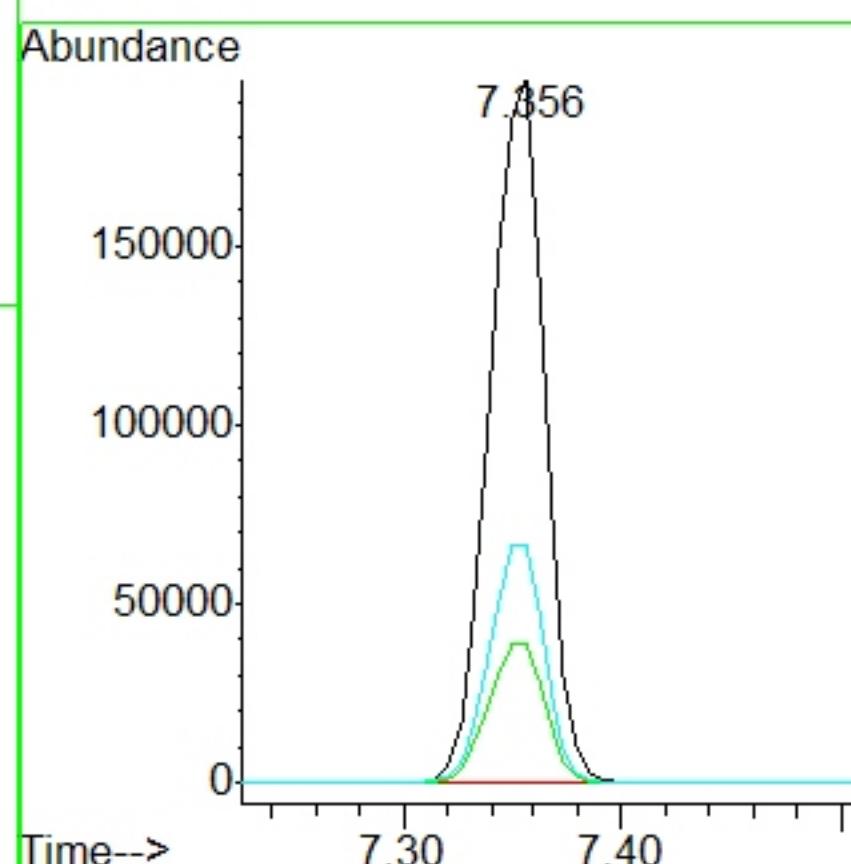
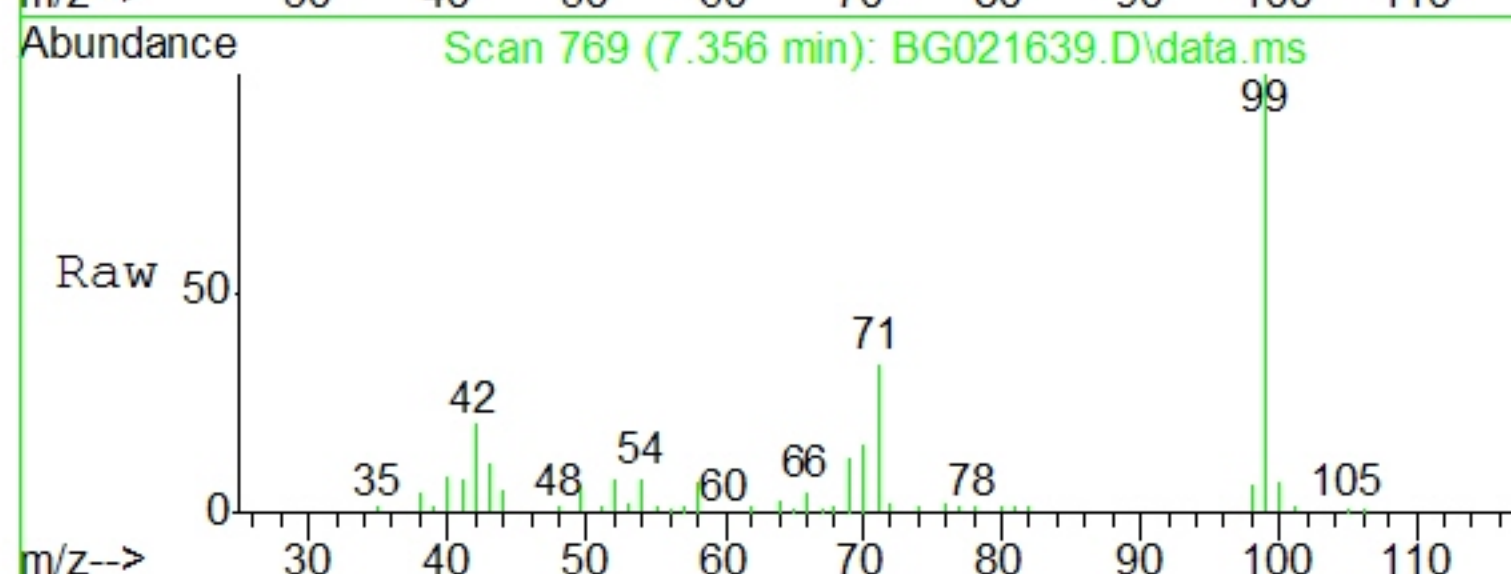
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	51.1	76.7
63	35.2	24.6	37.0





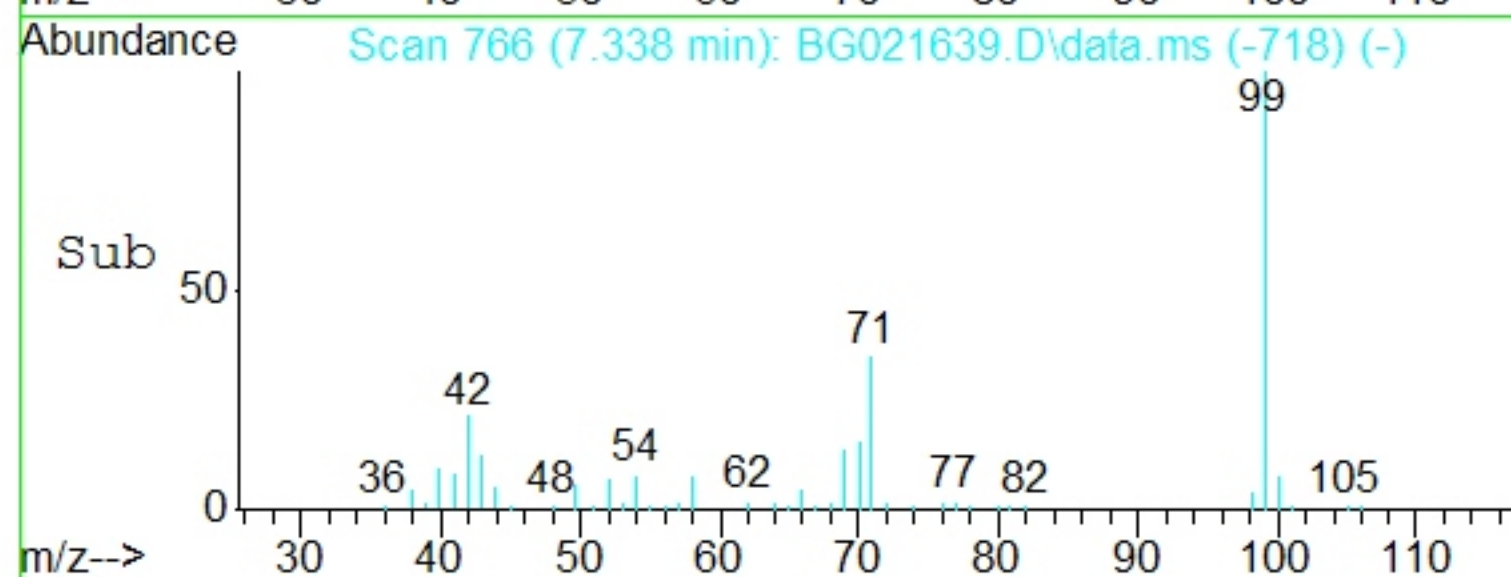
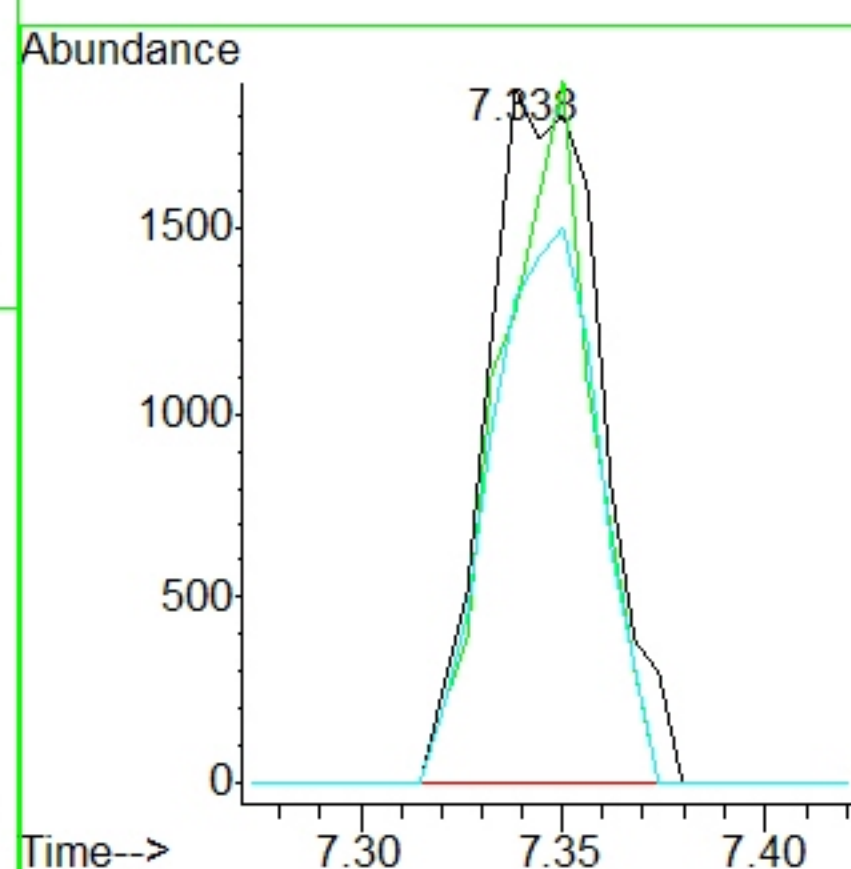
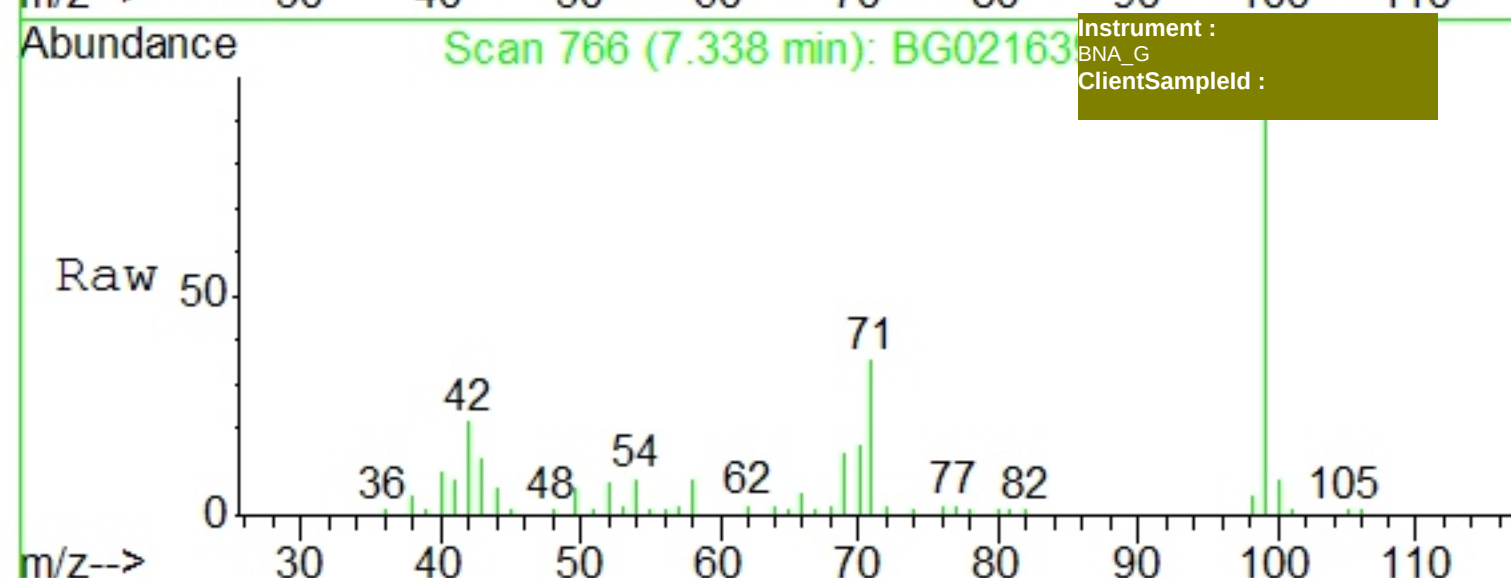
#7
Phenol-d6
Concen: 137.66 ng
RT: 7.356 min Scan# 769
Delta R.T. -0.002 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

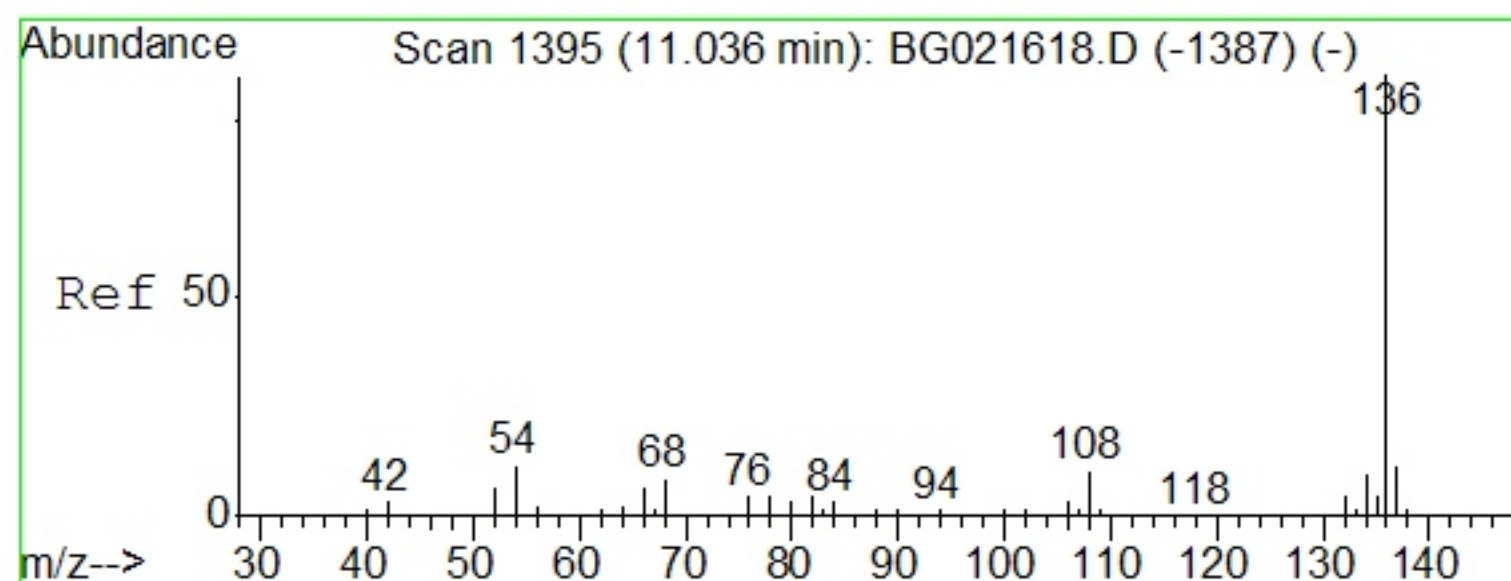
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.4	24.6
71	33.8	25.0	37.4



#9
Benzaldehyde
Concen: 2.61 ng
RT: 7.338 min Scan# 766
Delta R.T. -0.019 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

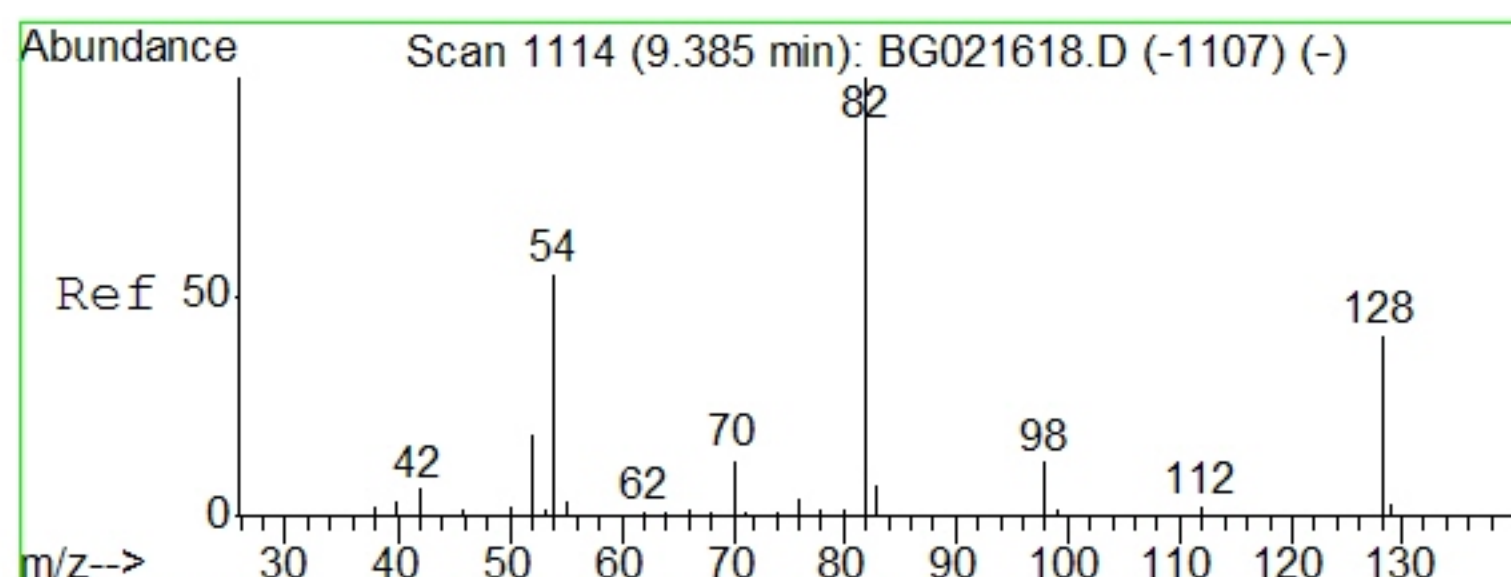
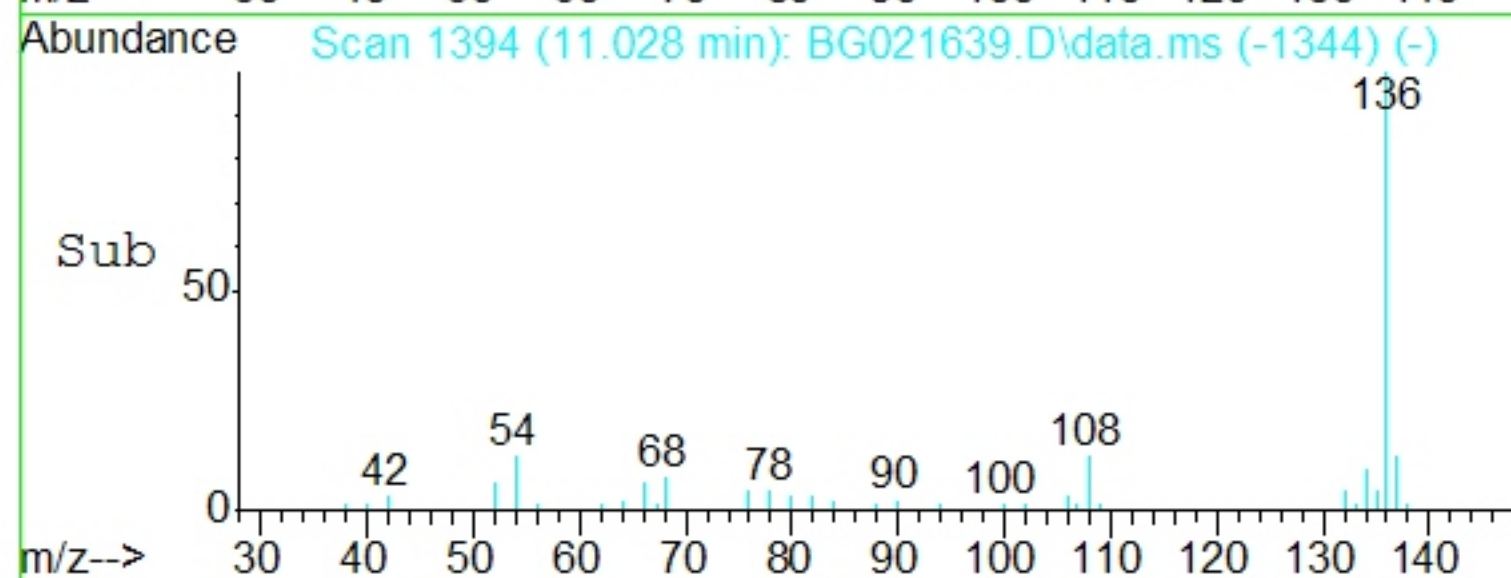
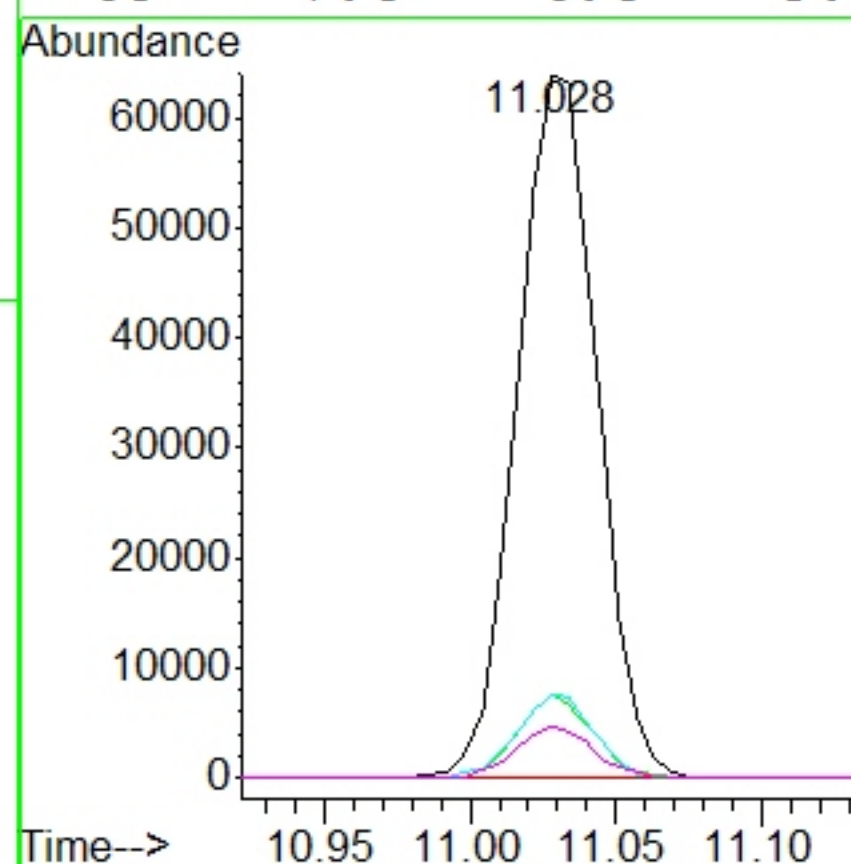
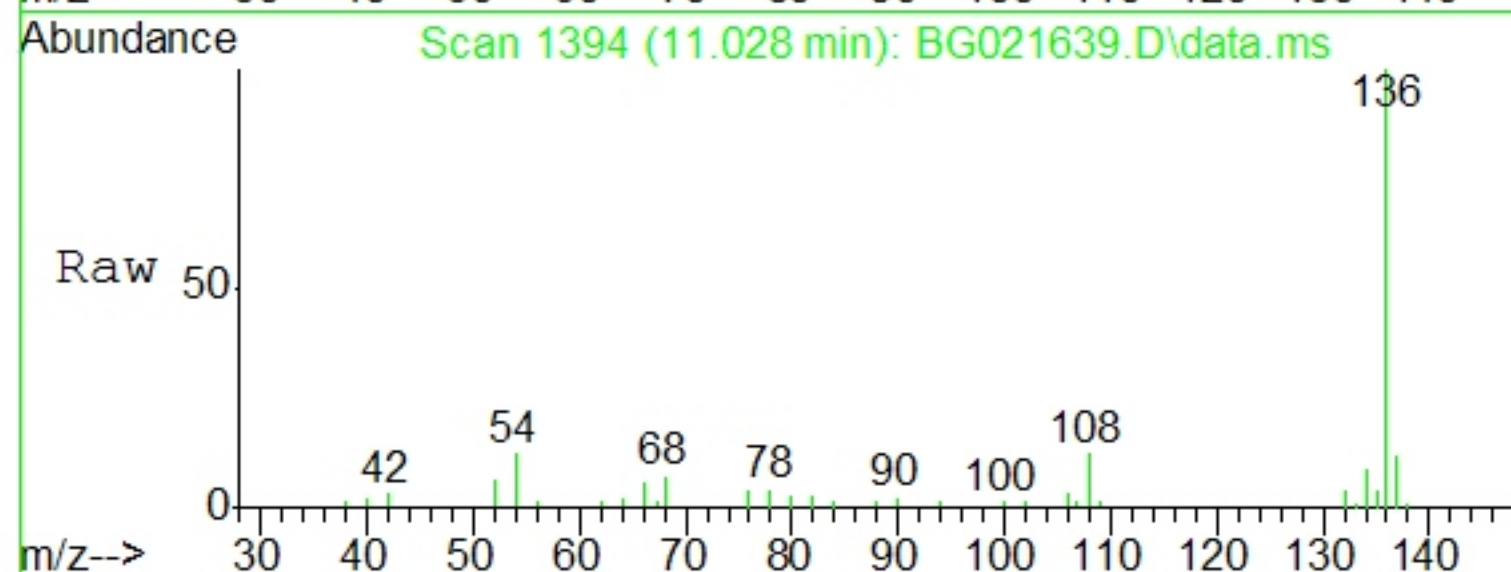
Tgt Ion	Ratio	Lower	Upper
77	100		
105	68.0	62.1	102.1
106	69.8	65.6	105.6





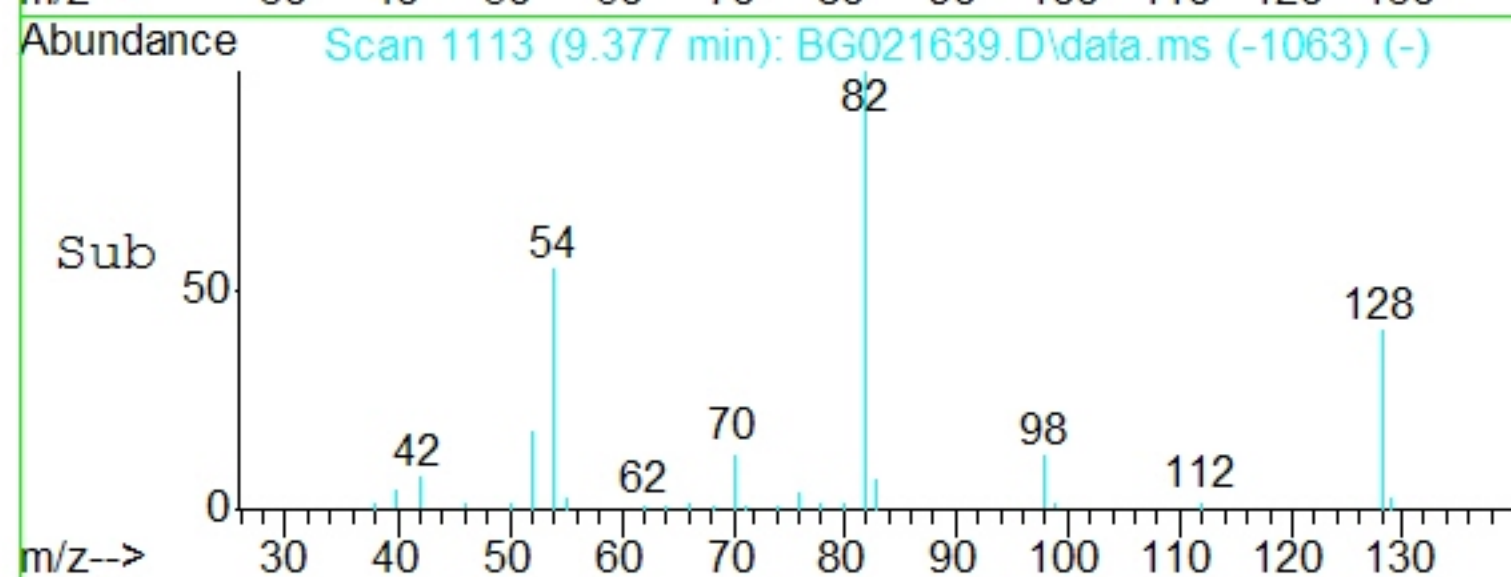
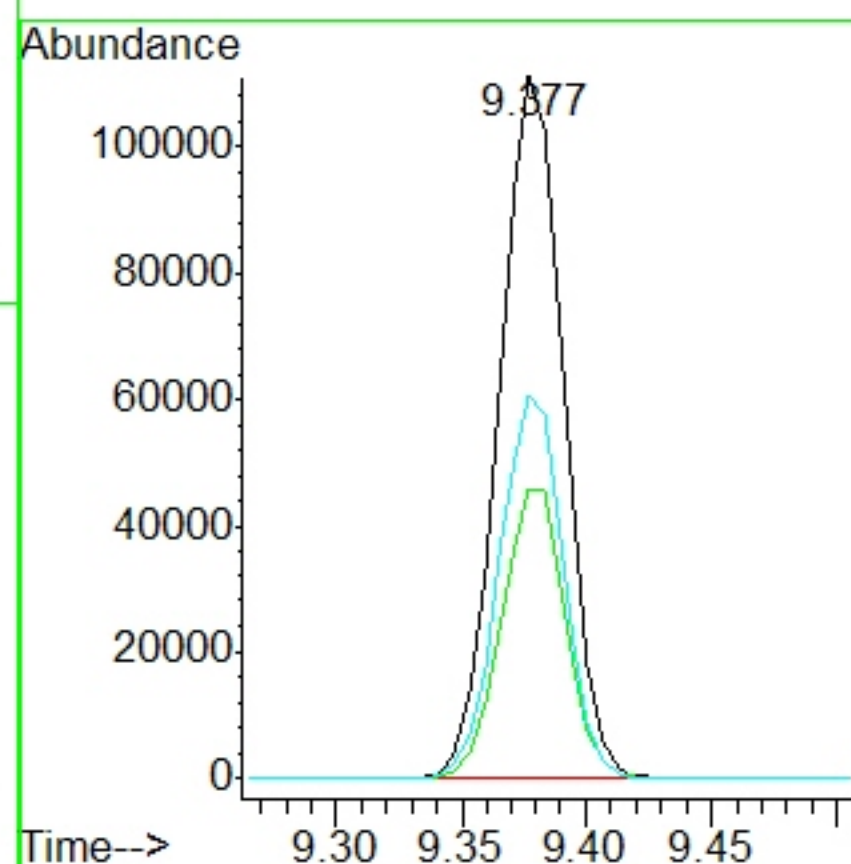
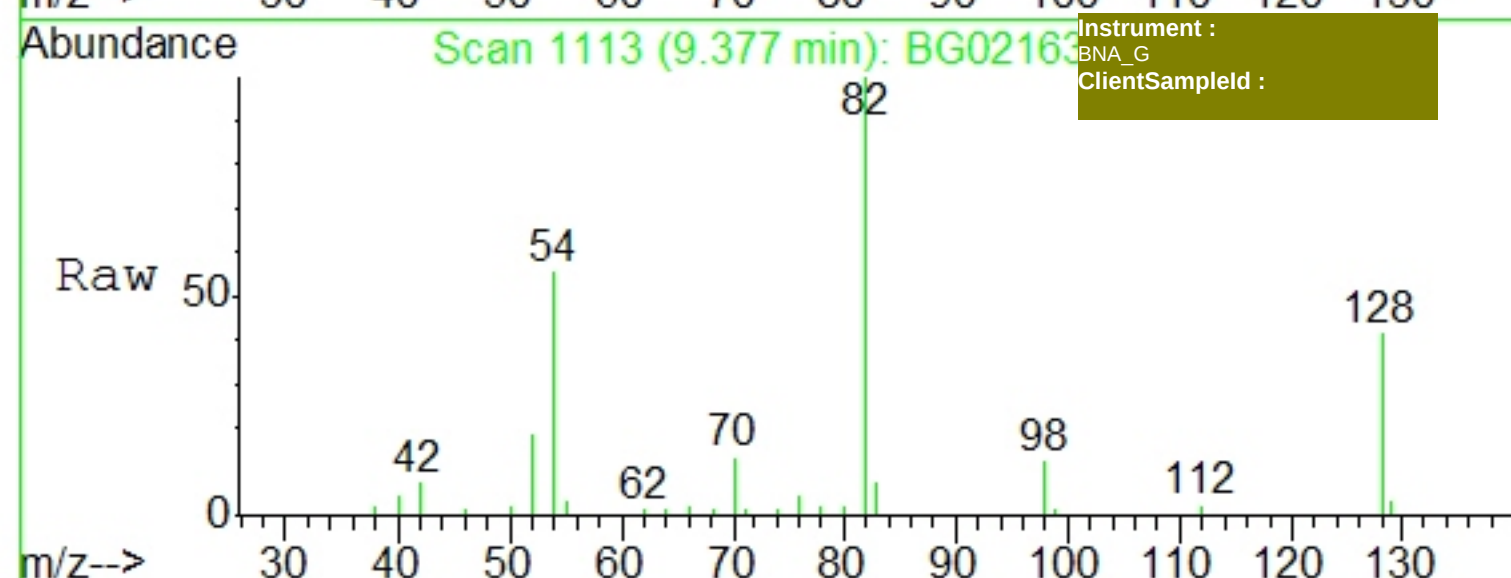
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1394
Delta R.T. -0.008 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

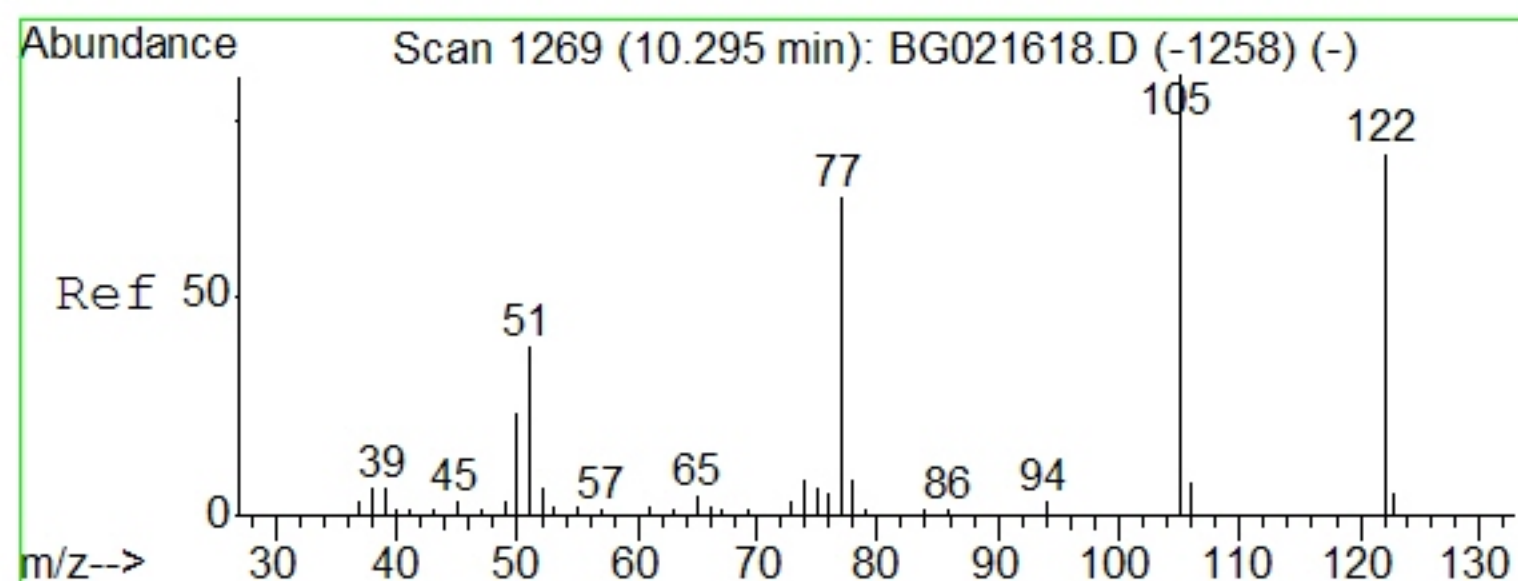
Tgt Ion:	136	Resp:	122058
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	11.8	9.6	14.4
68	7.4	6.4	9.6



#23
Nitrobenzene-d5
Concen: 84.15 ng
RT: 9.377 min Scan# 1113
Delta R.T. -0.008 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

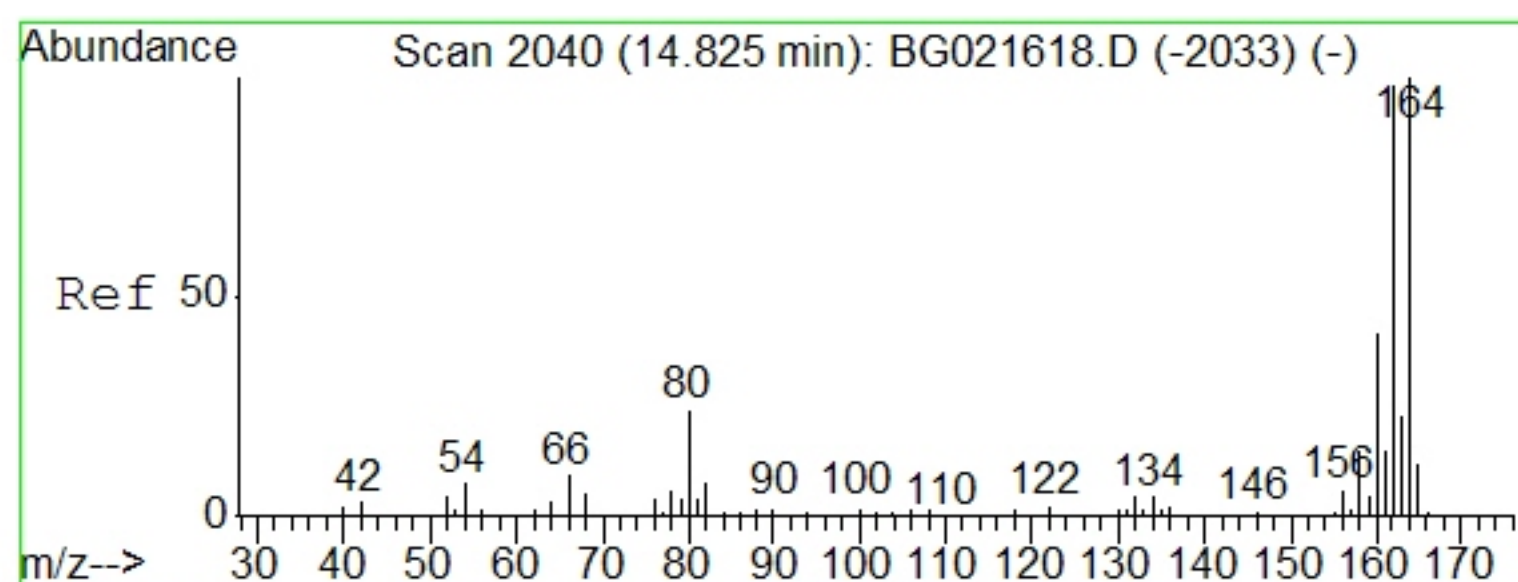
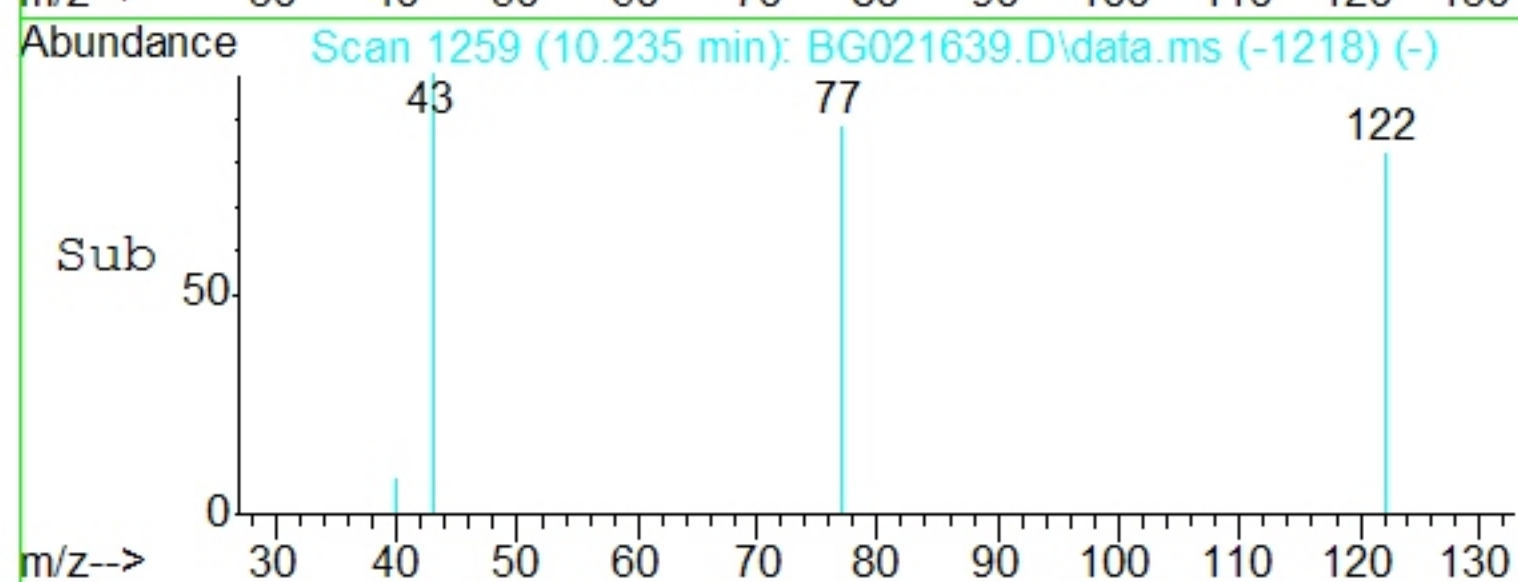
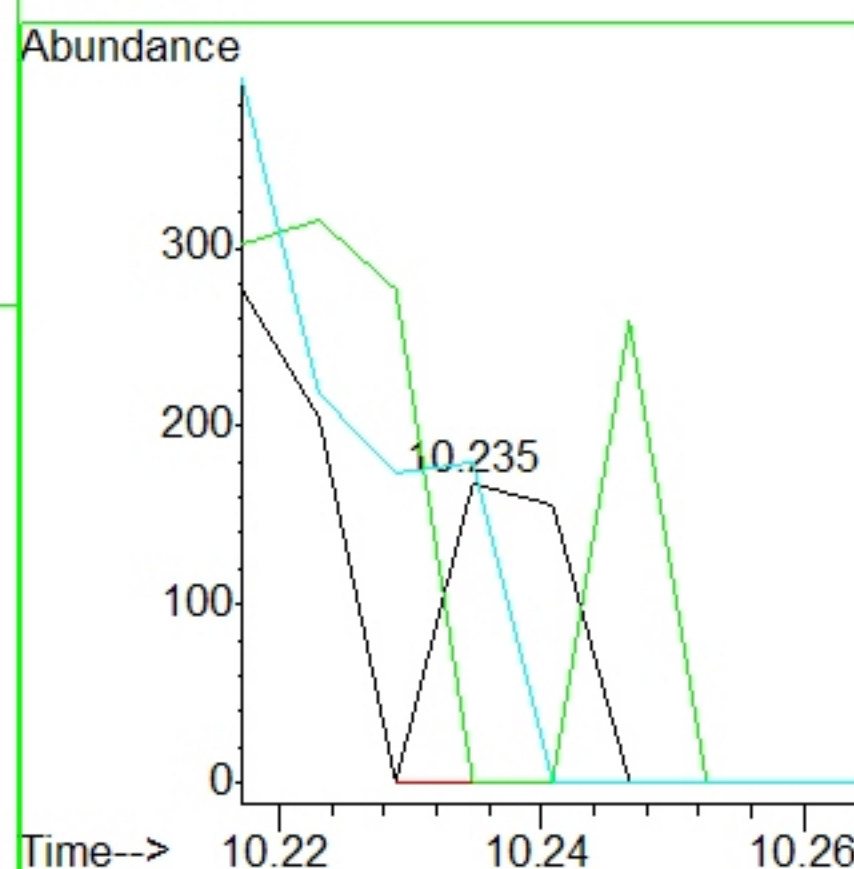
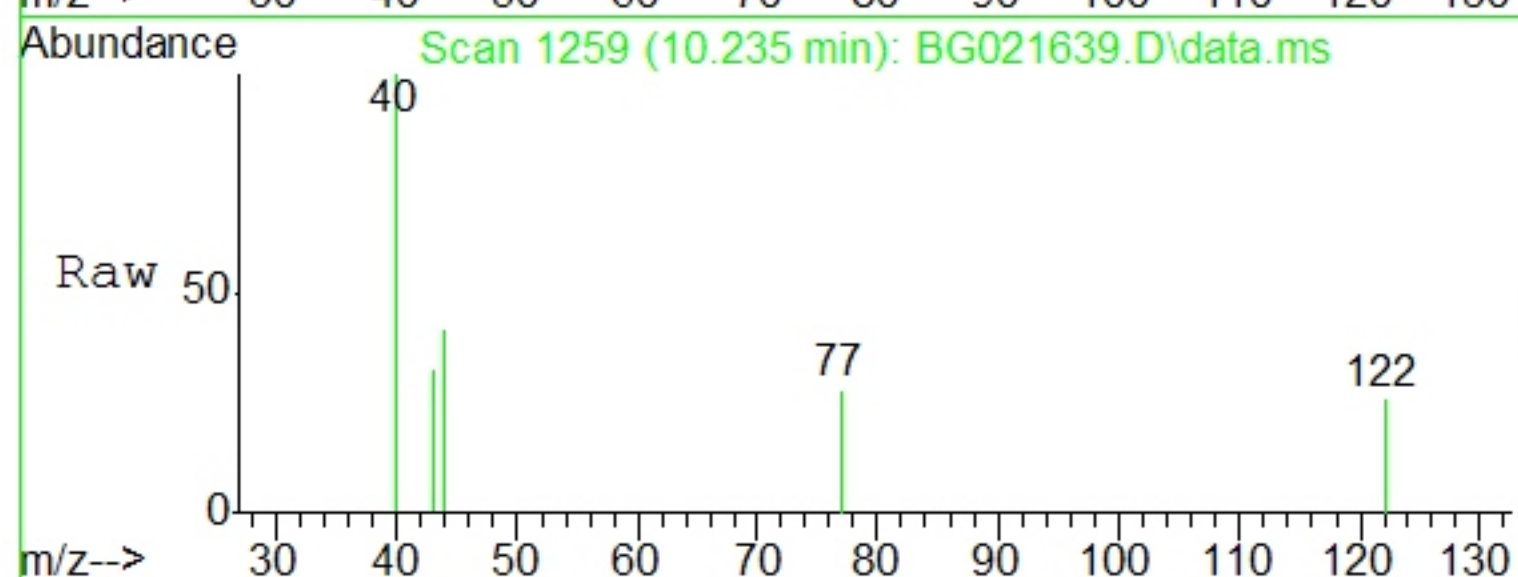
Tgt Ion:	82	Resp:	199830
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.4	50.0
54	54.8	46.1	69.1





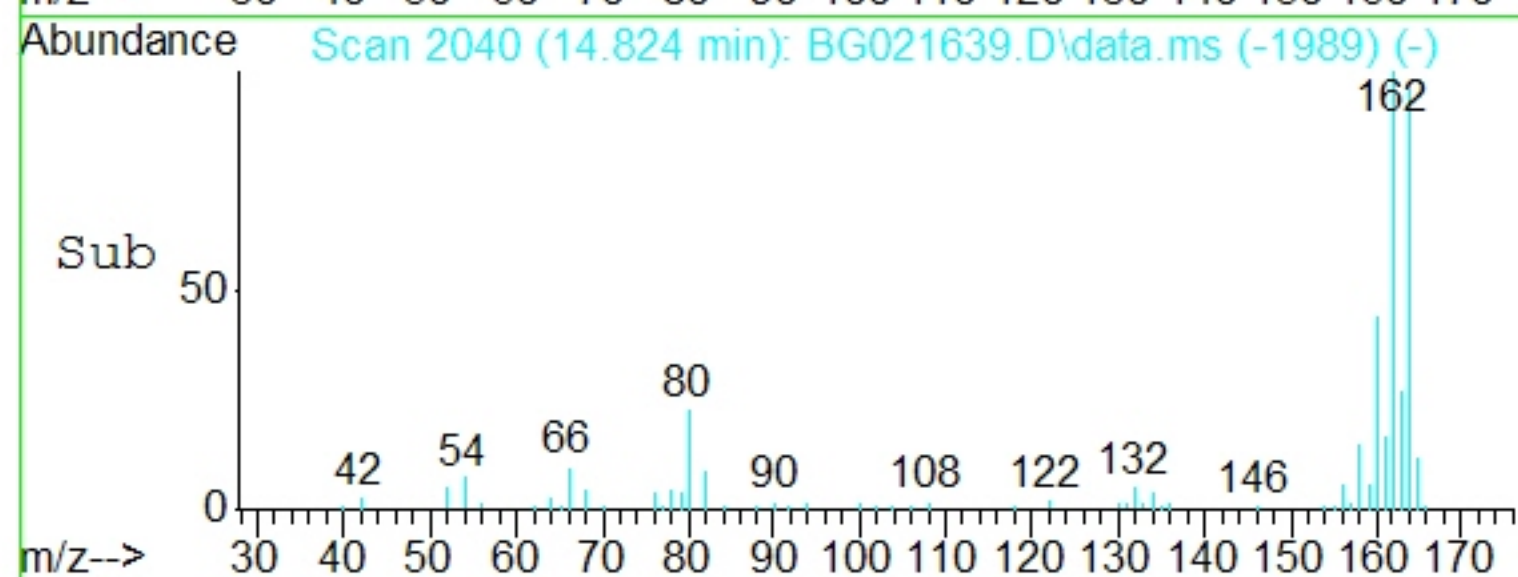
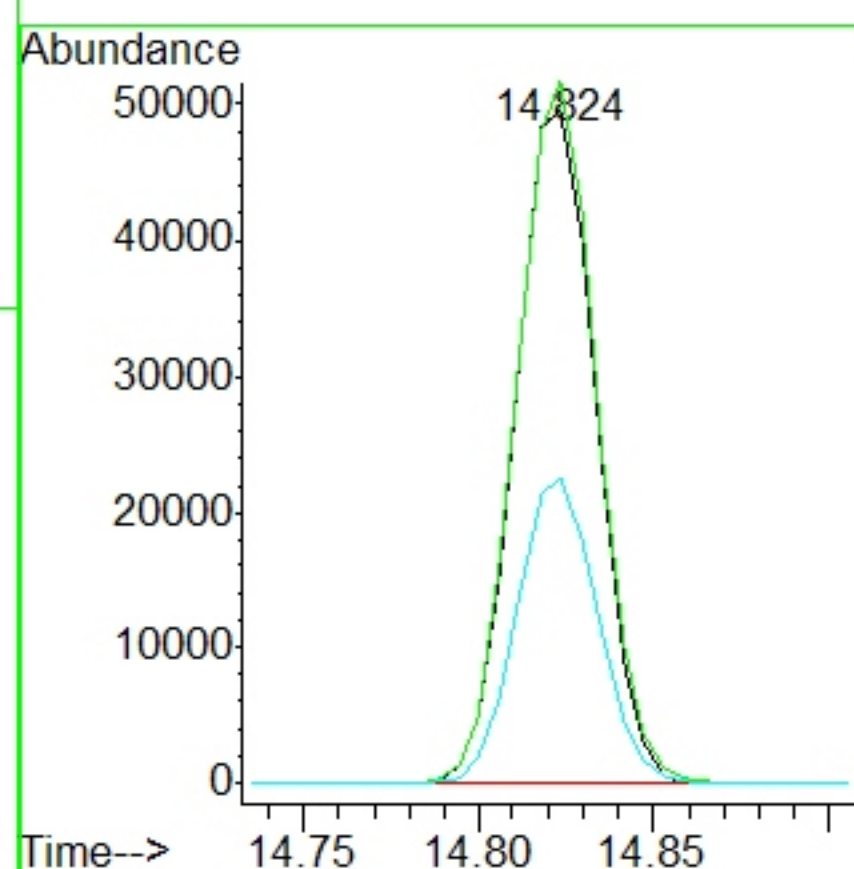
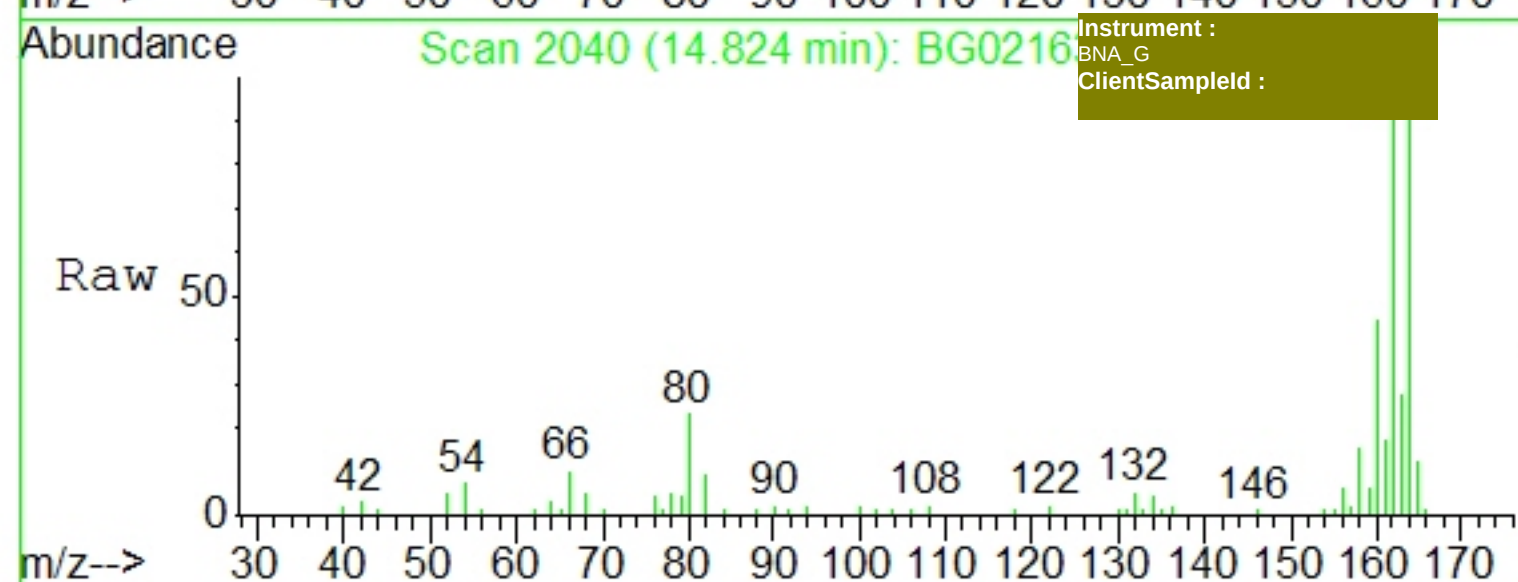
#32
Benzoic acid
Concen: 4.37 ng
RT: 10.235 min Scan# 1259
Delta R.T. -0.060 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

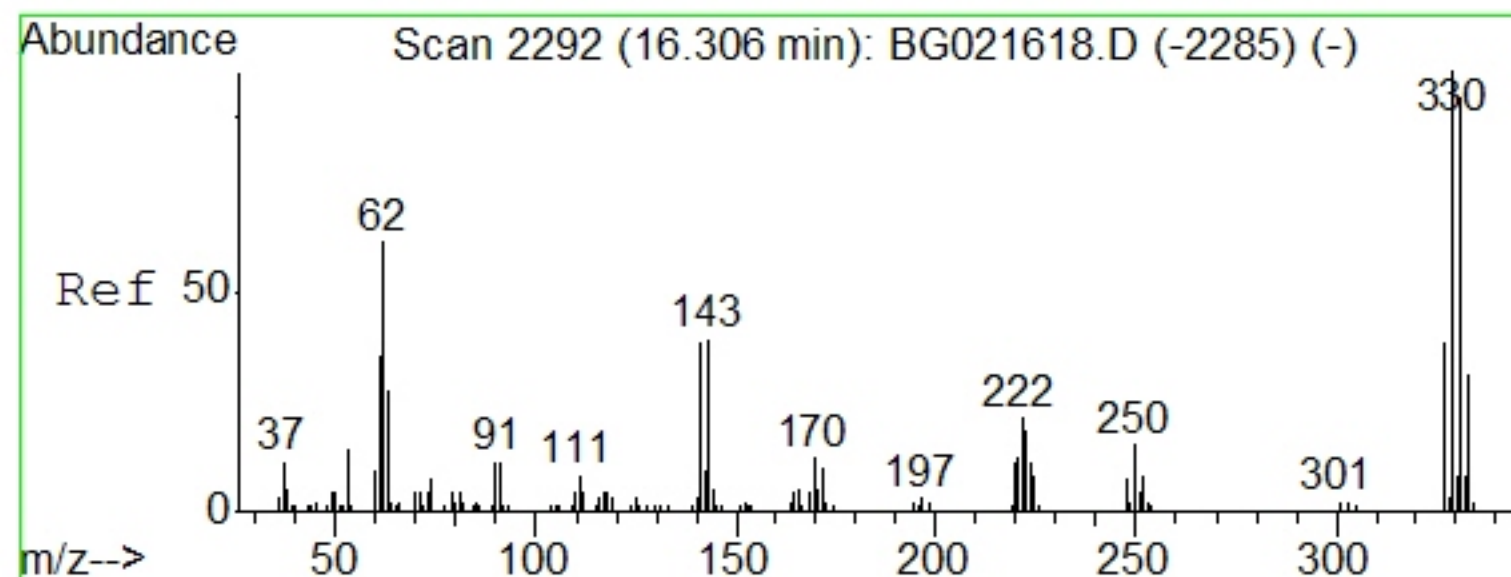
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.5	144.5#
77	107.2	79.9	119.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.824 min Scan# 2040
Delta R.T. -0.002 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

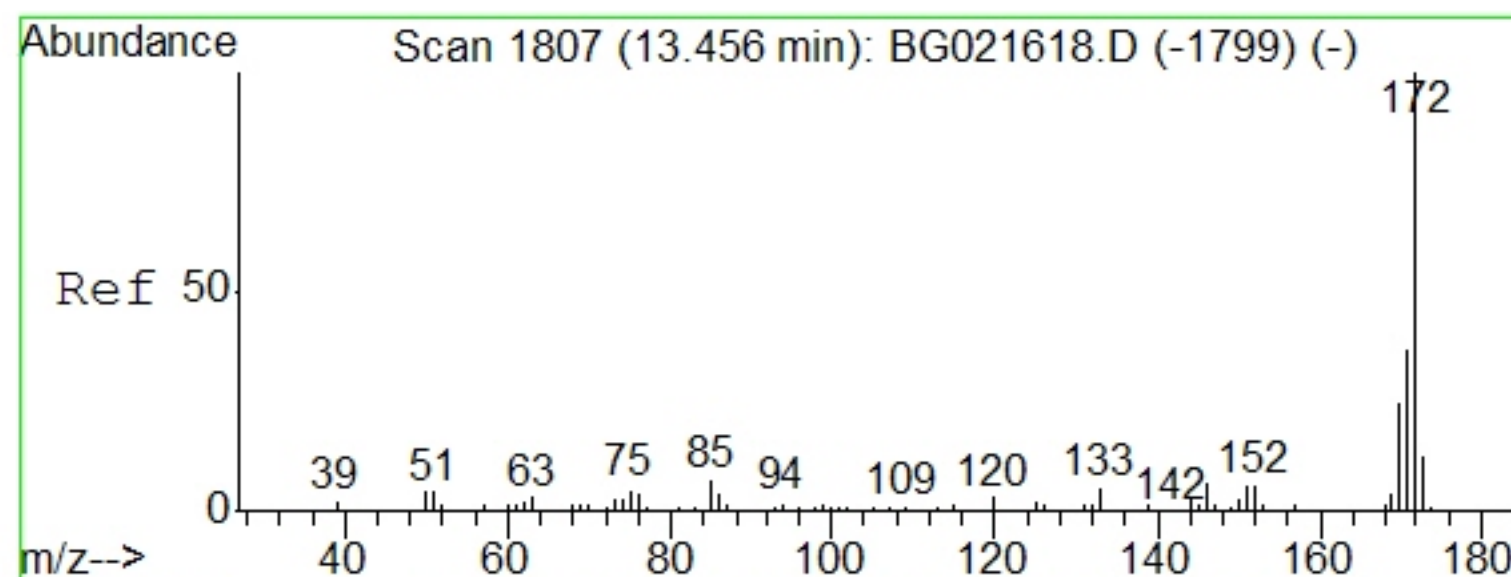
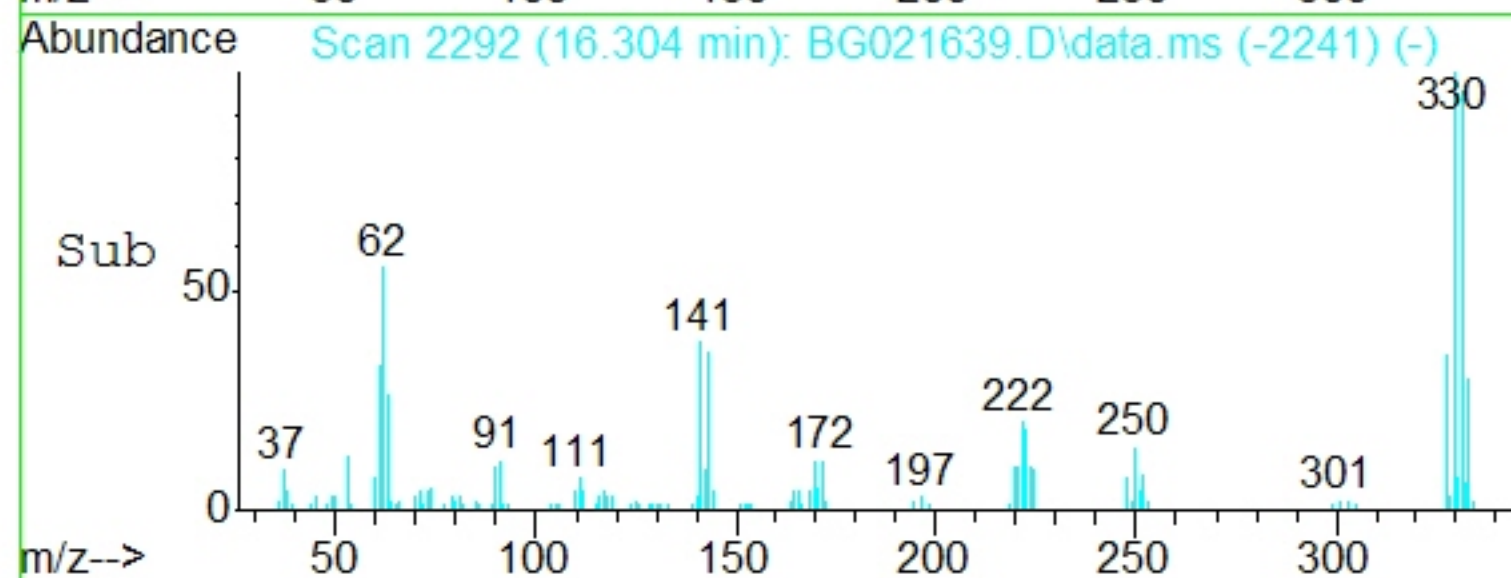
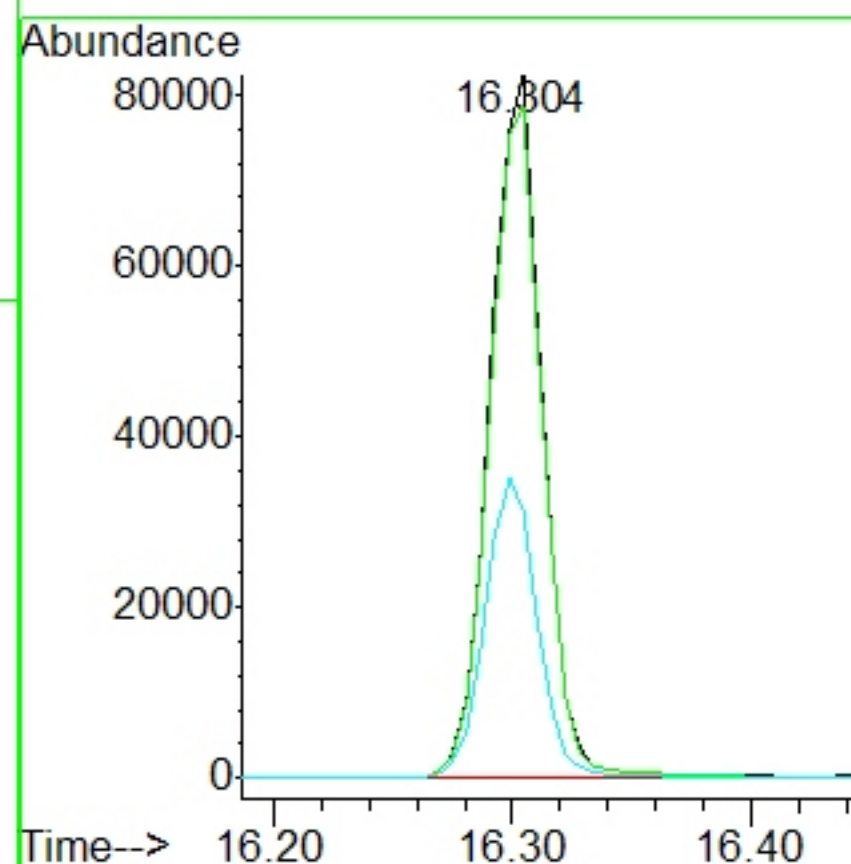
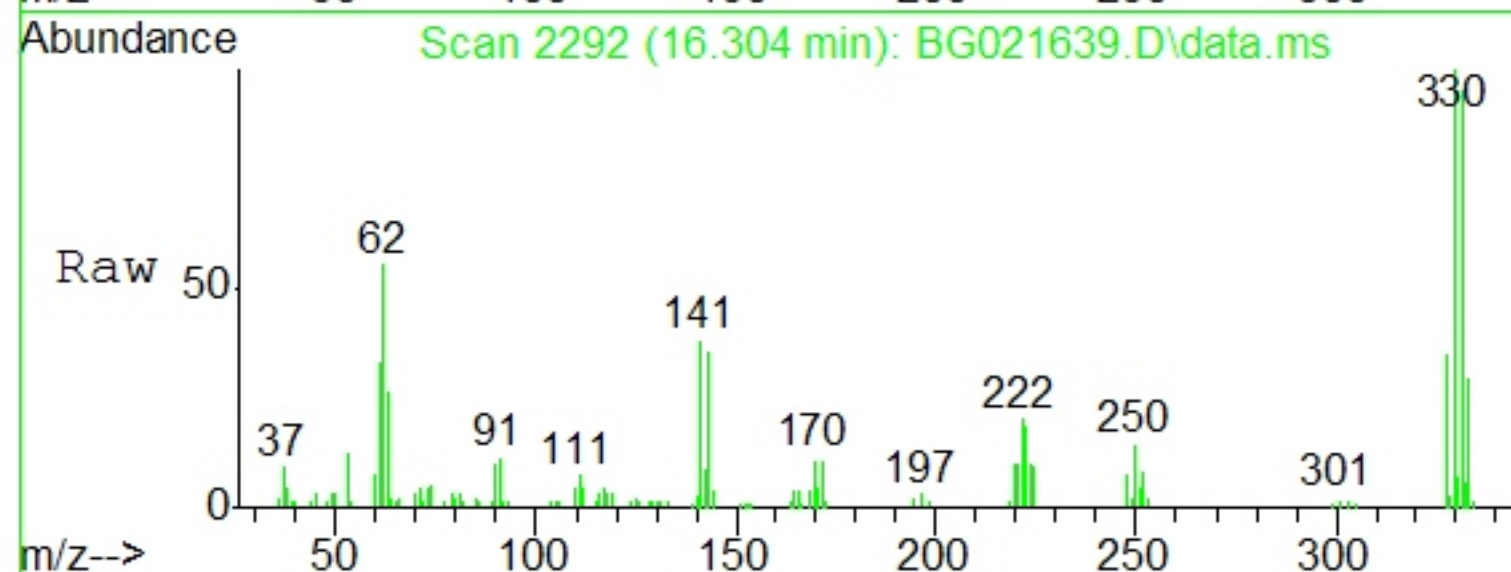
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.0	117.0
160	45.6	32.9	49.3





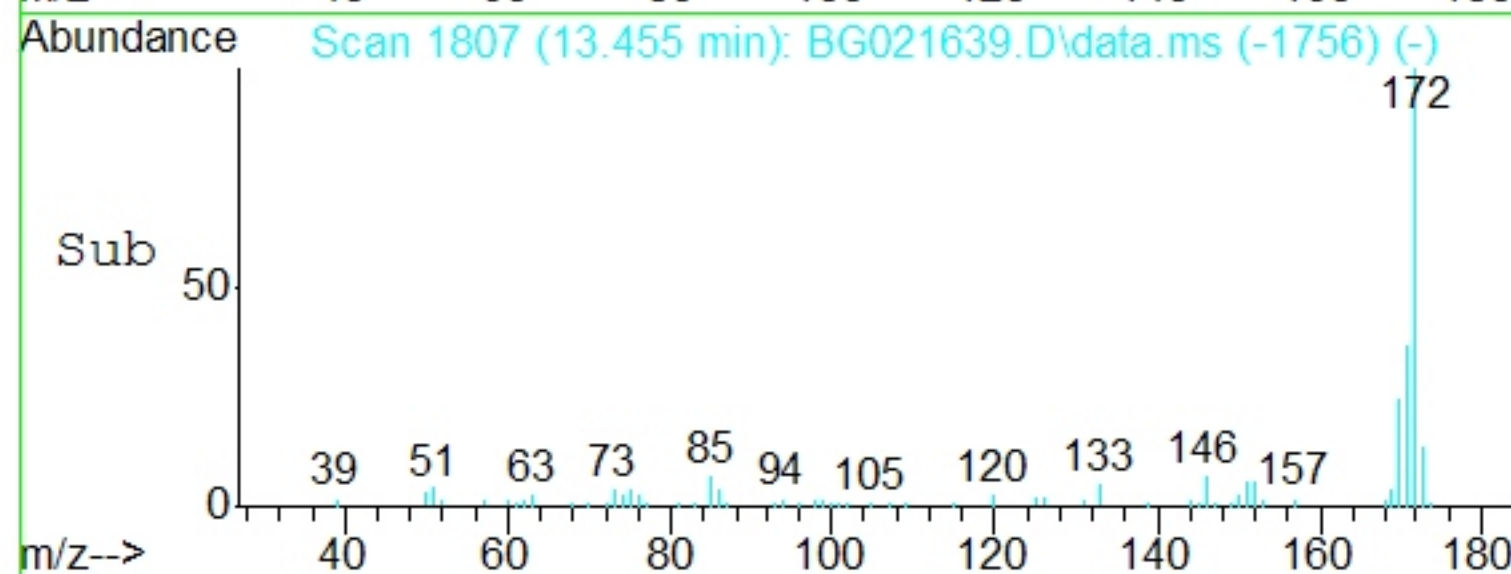
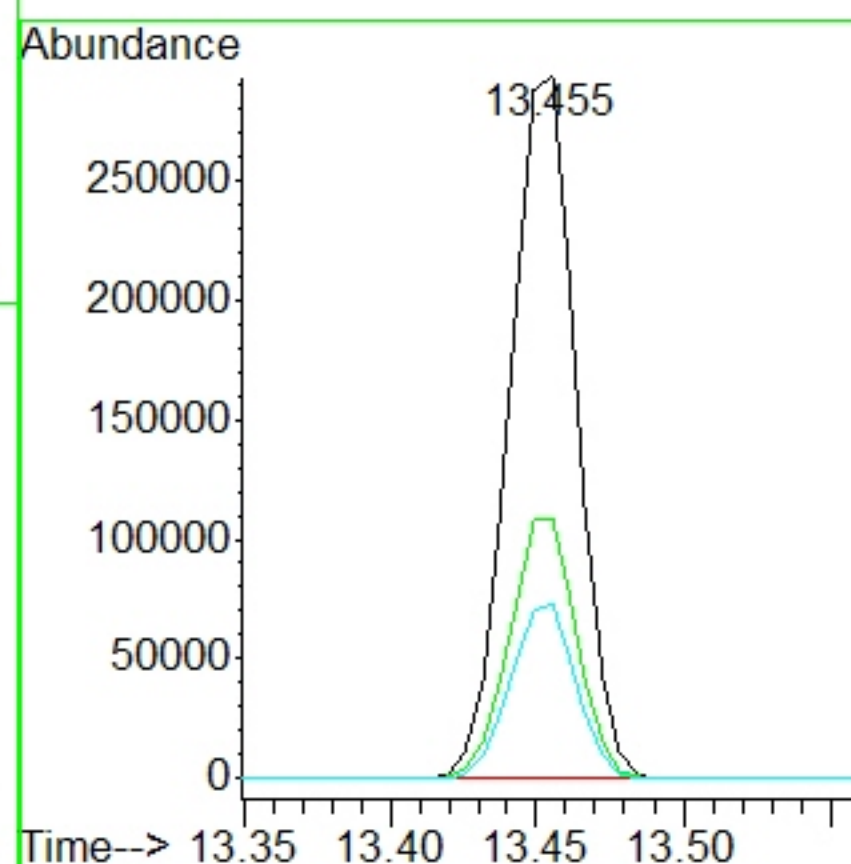
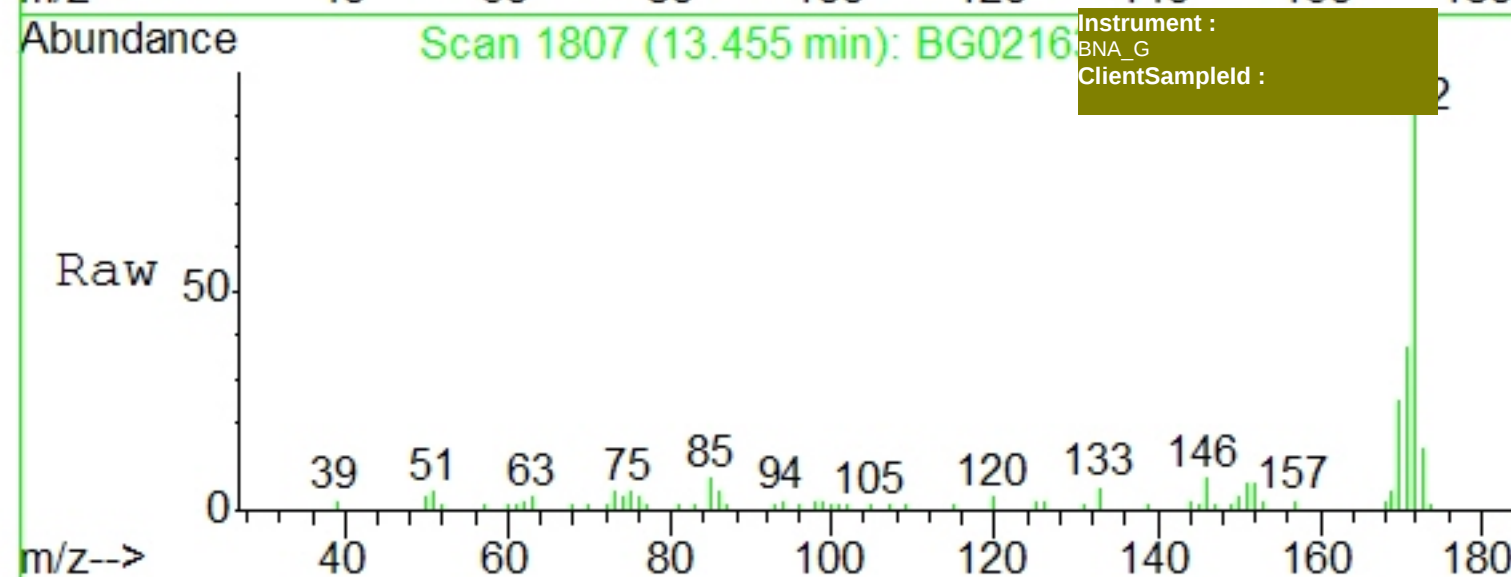
#41
 2,4,6-Tribromophenol
 Concen: 143.24 ng
 RT: 16.304 min Scan# 2292
 Delta R.T. -0.002 min
 Lab File: BG021639.D
 Acq: 14 Apr 2016 4:18

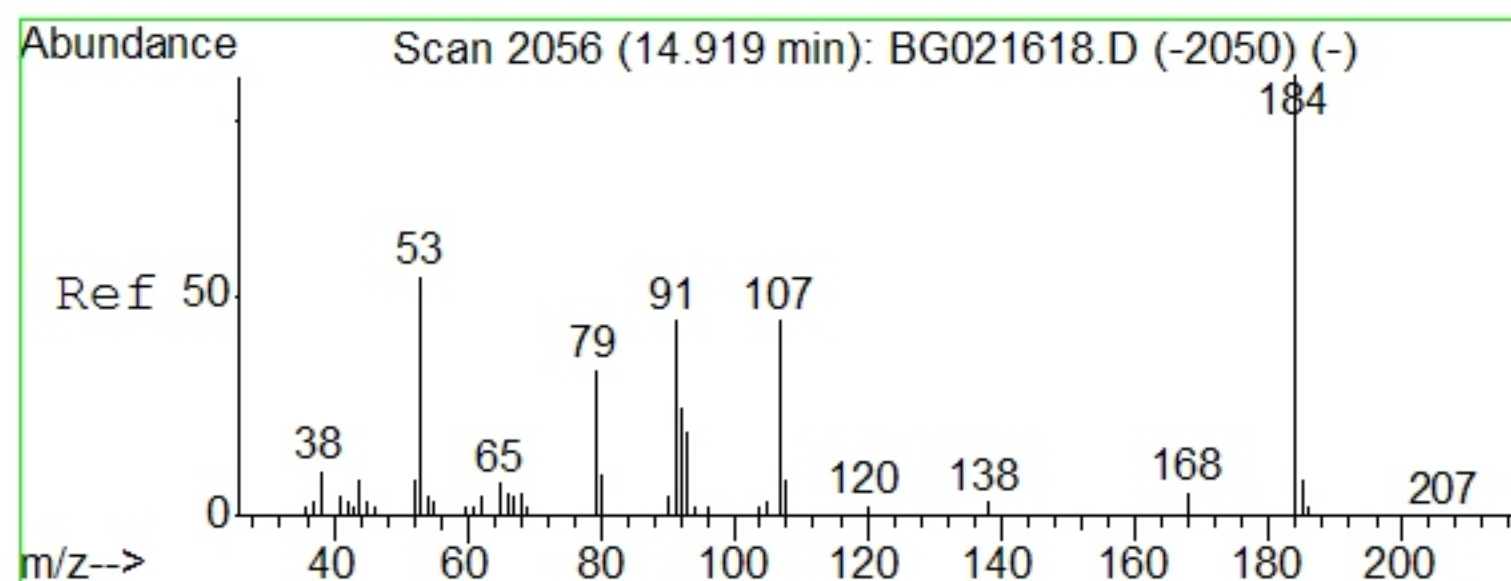
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	42.6	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 85.89 ng
 RT: 13.455 min Scan# 1807
 Delta R.T. -0.002 min
 Lab File: BG021639.D
 Acq: 14 Apr 2016 4:18

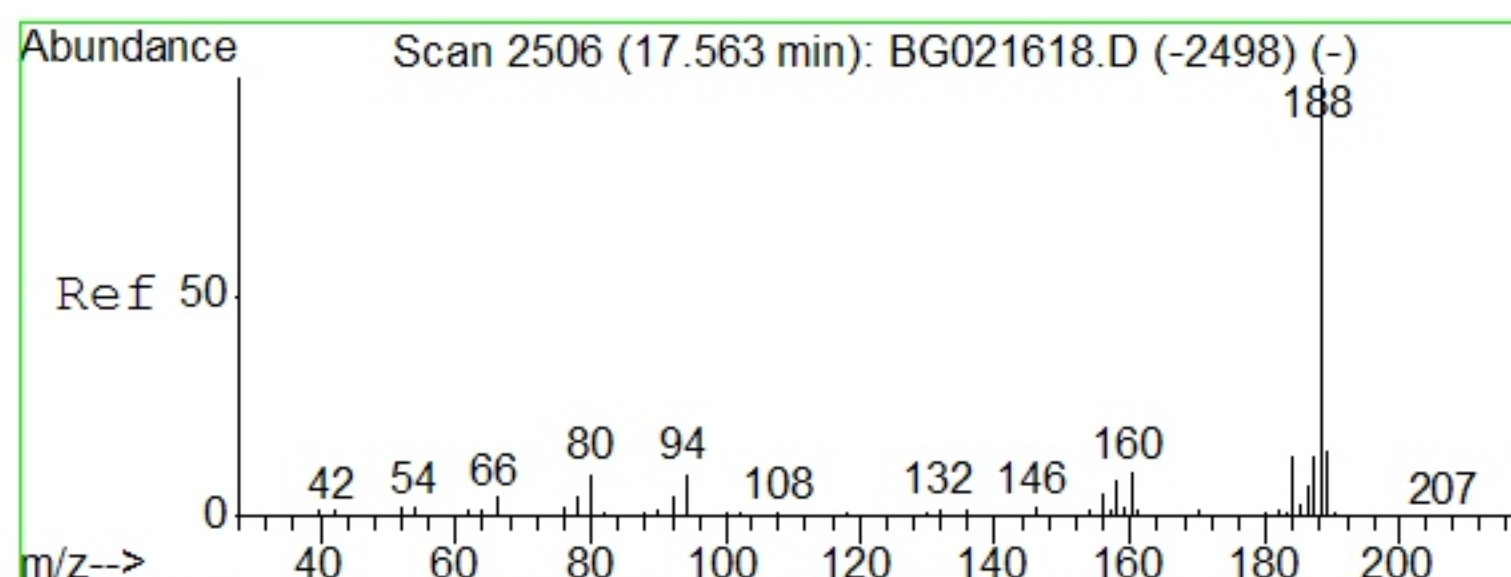
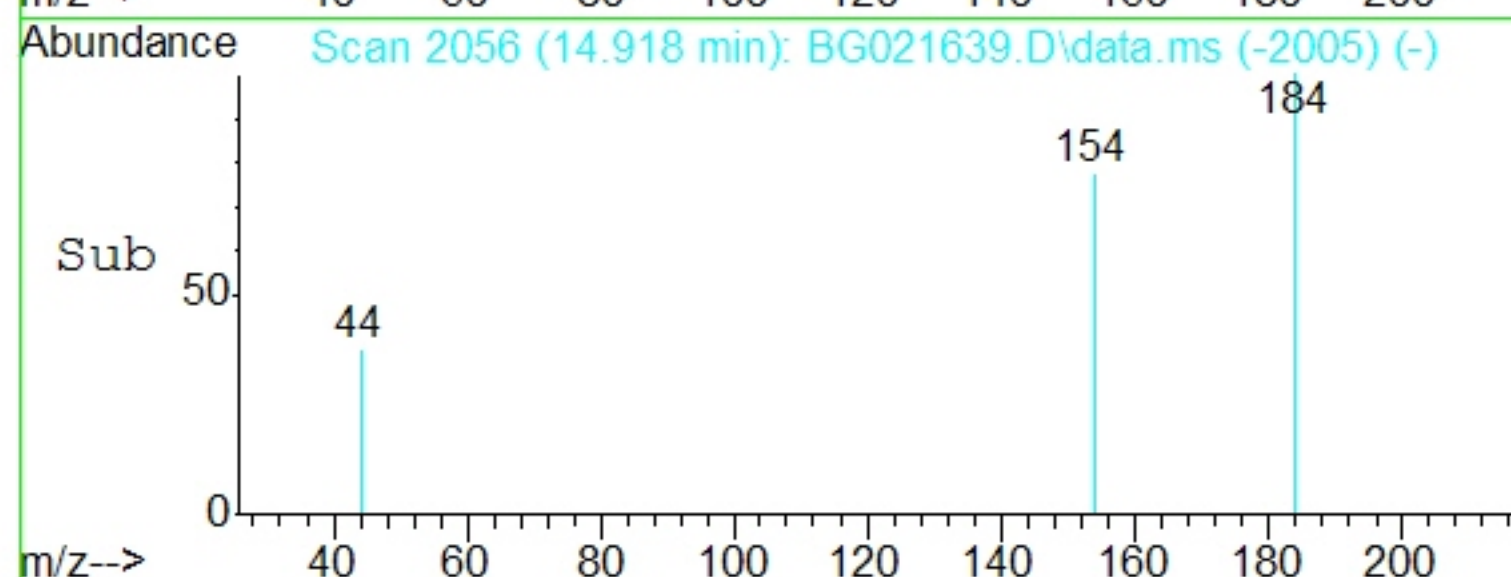
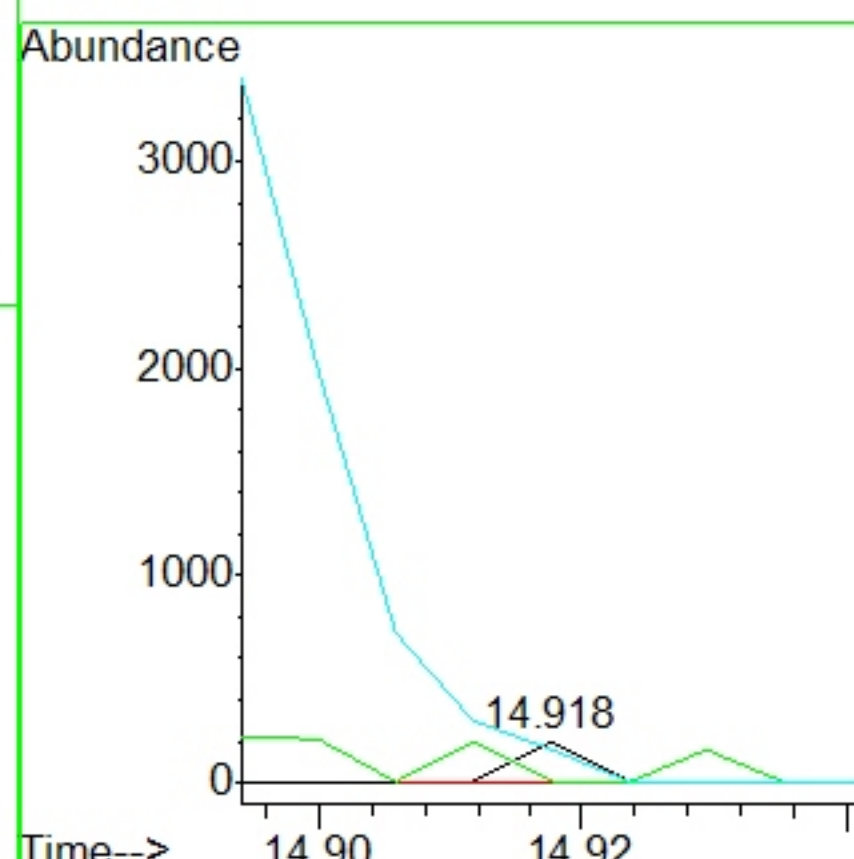
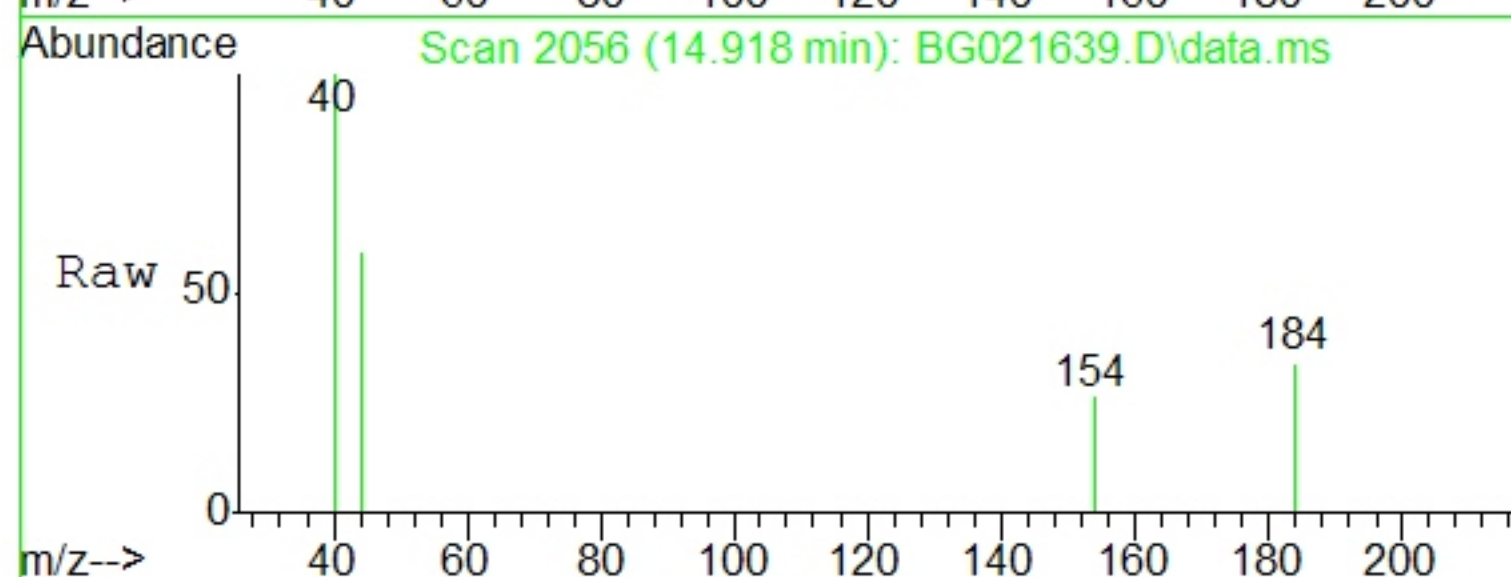
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	27.8	41.6
170	25.1	19.6	29.4





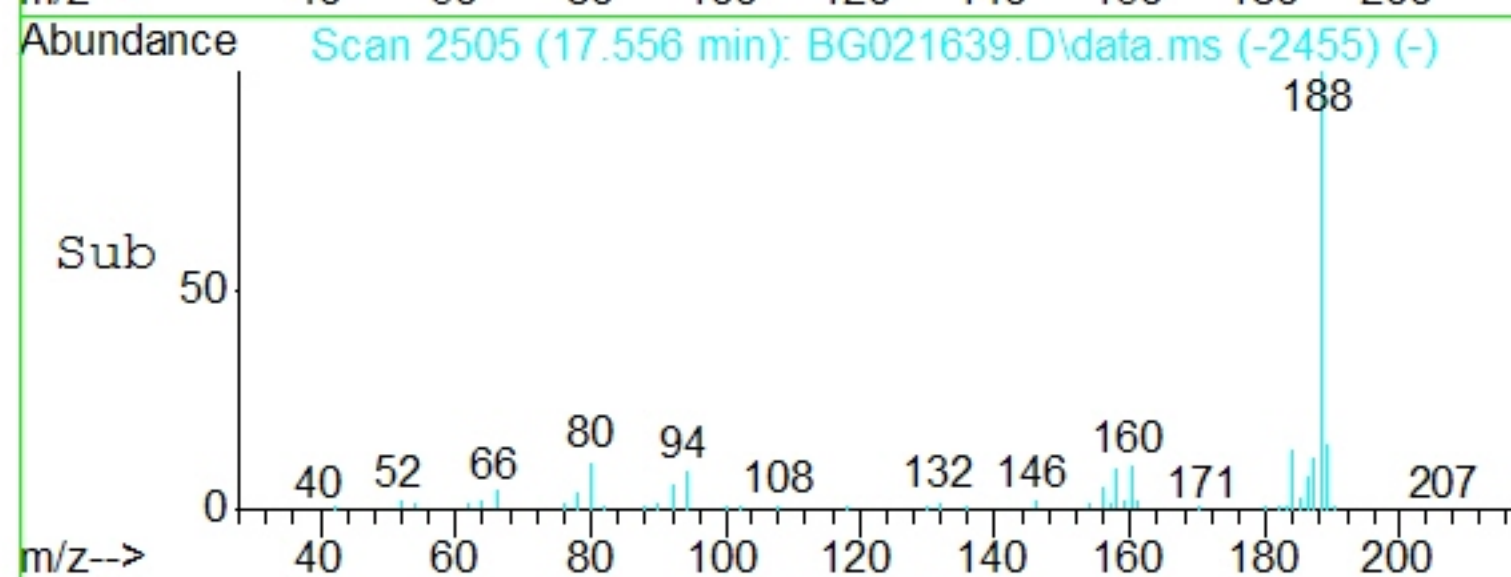
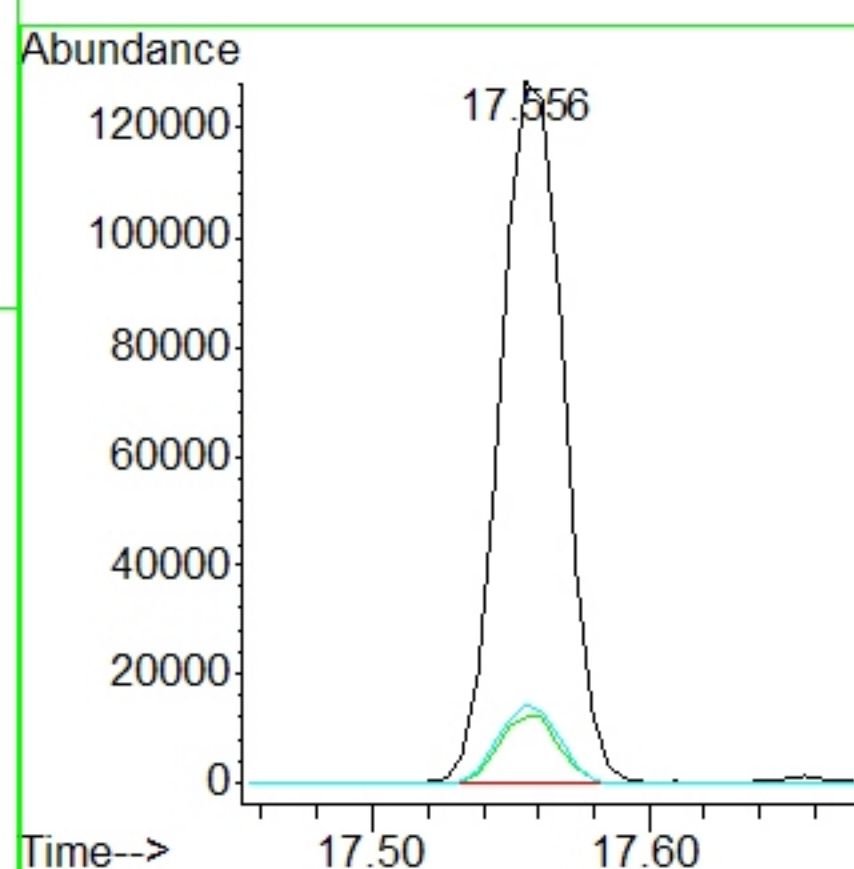
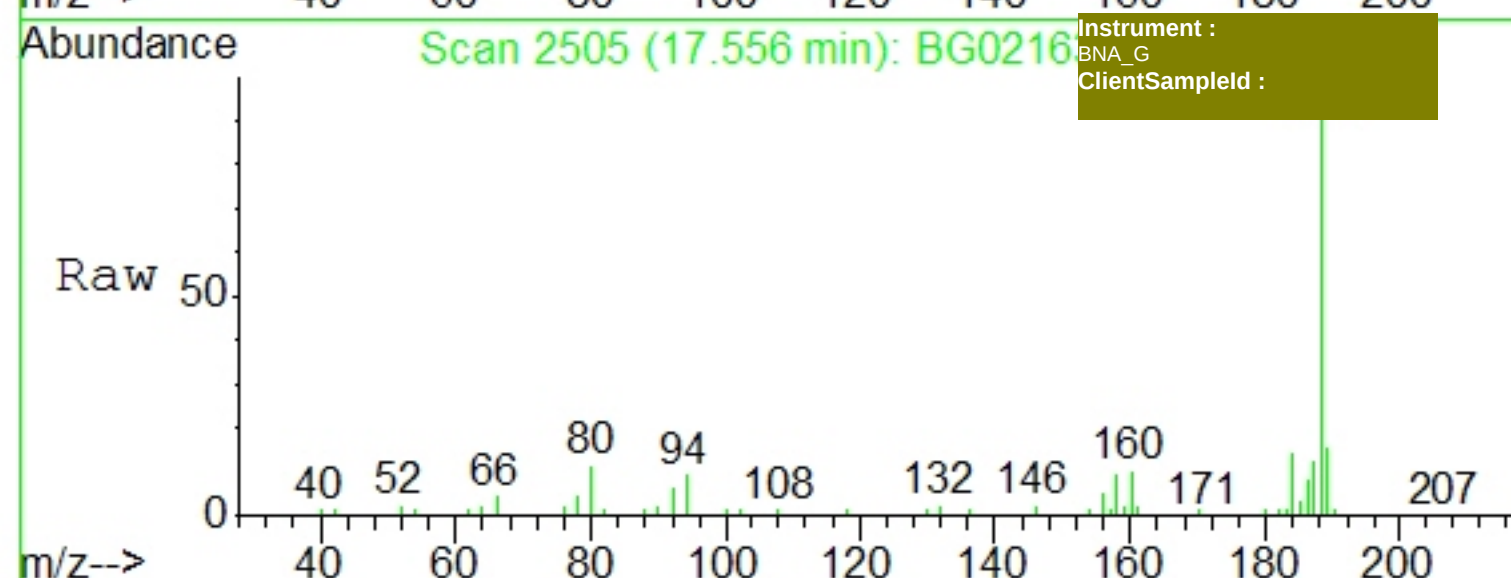
#53
2,4-Dinitrophenol
Concen: 7.58 ng
RT: 14.918 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

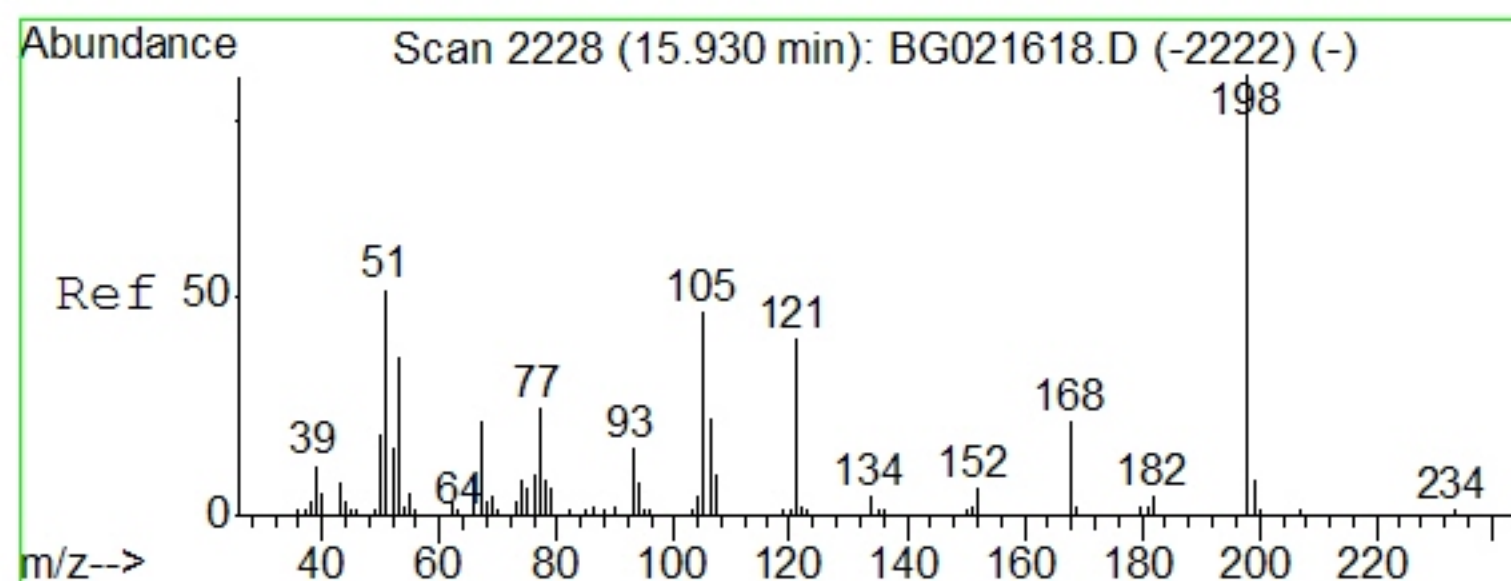
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	57.3	85.9#
154	76.8	55.2	82.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2505
Delta R.T. -0.008 min
Lab File: BG021639.D
Acq: 14 Apr 2016 4:18

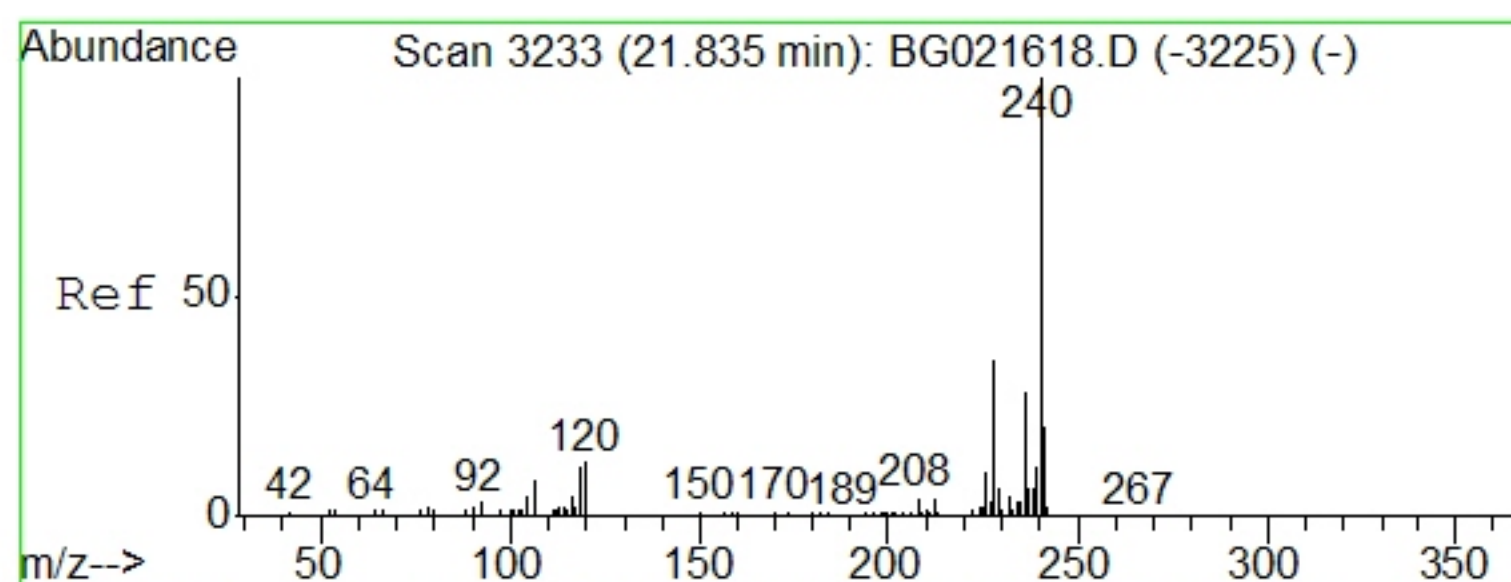
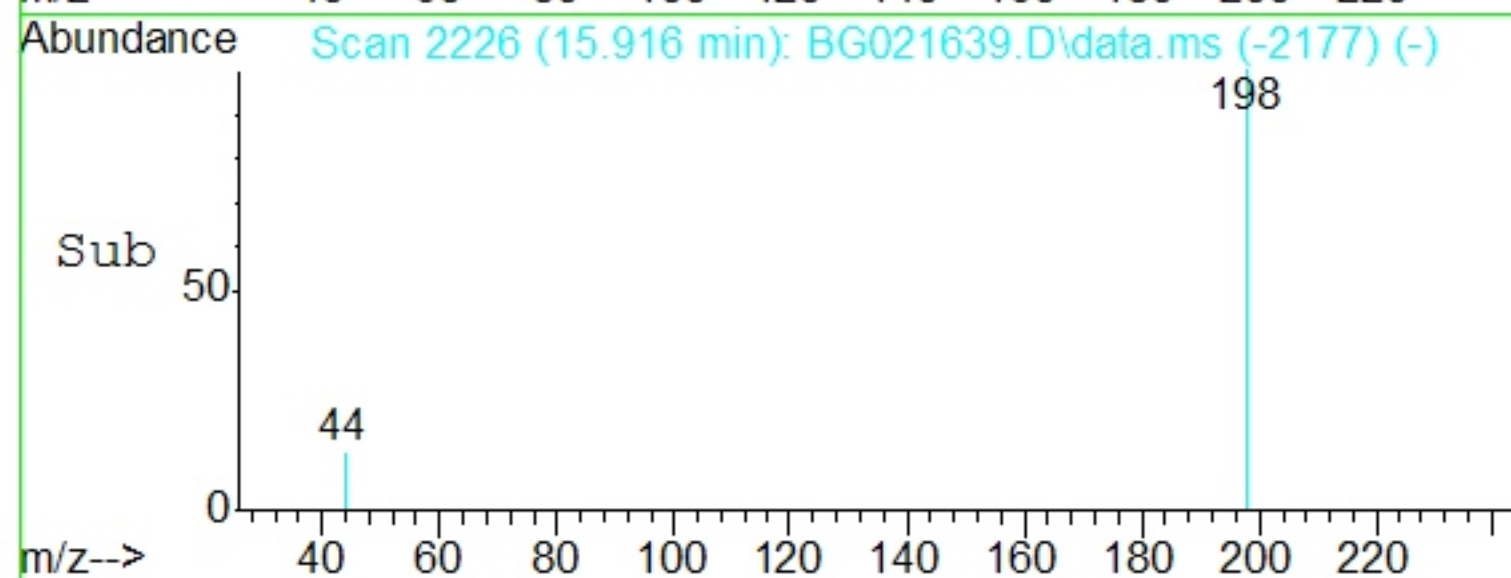
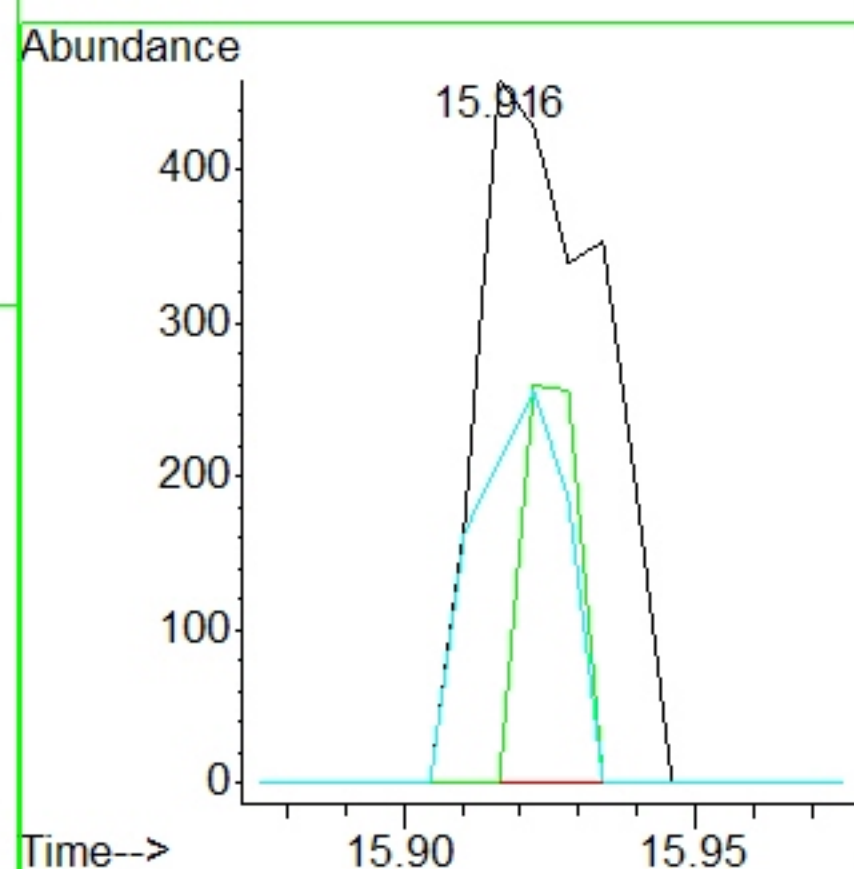
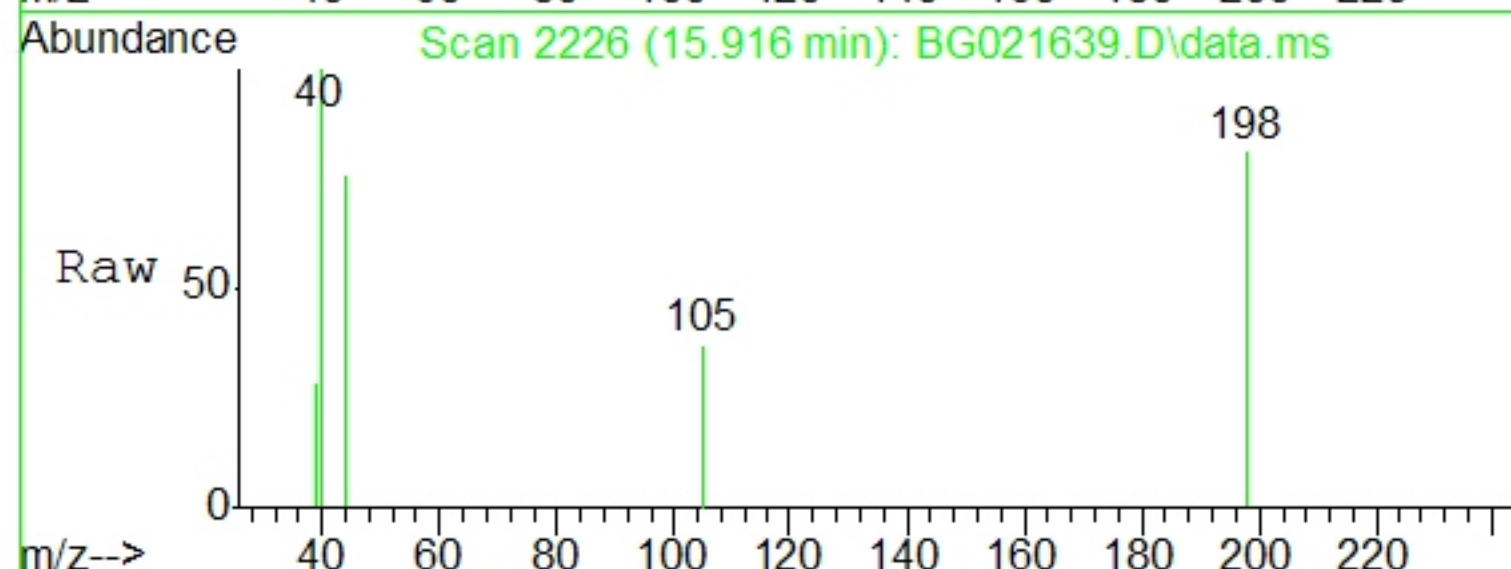
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	11.3	8.6	13.0





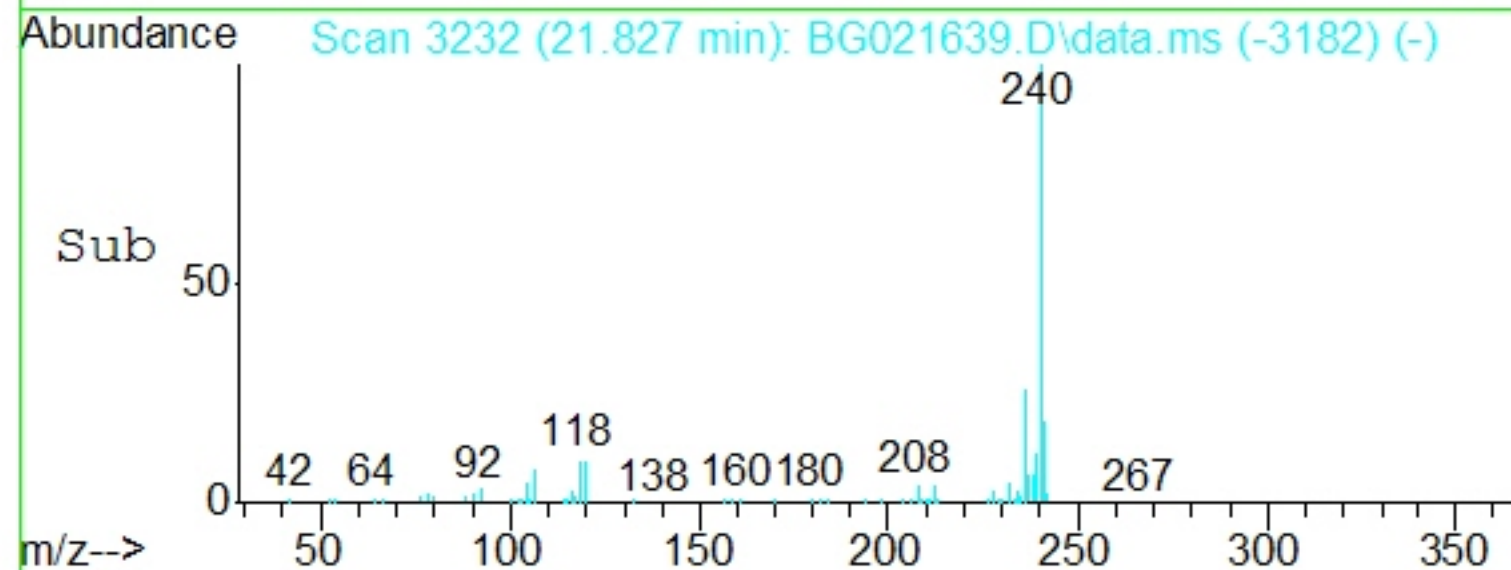
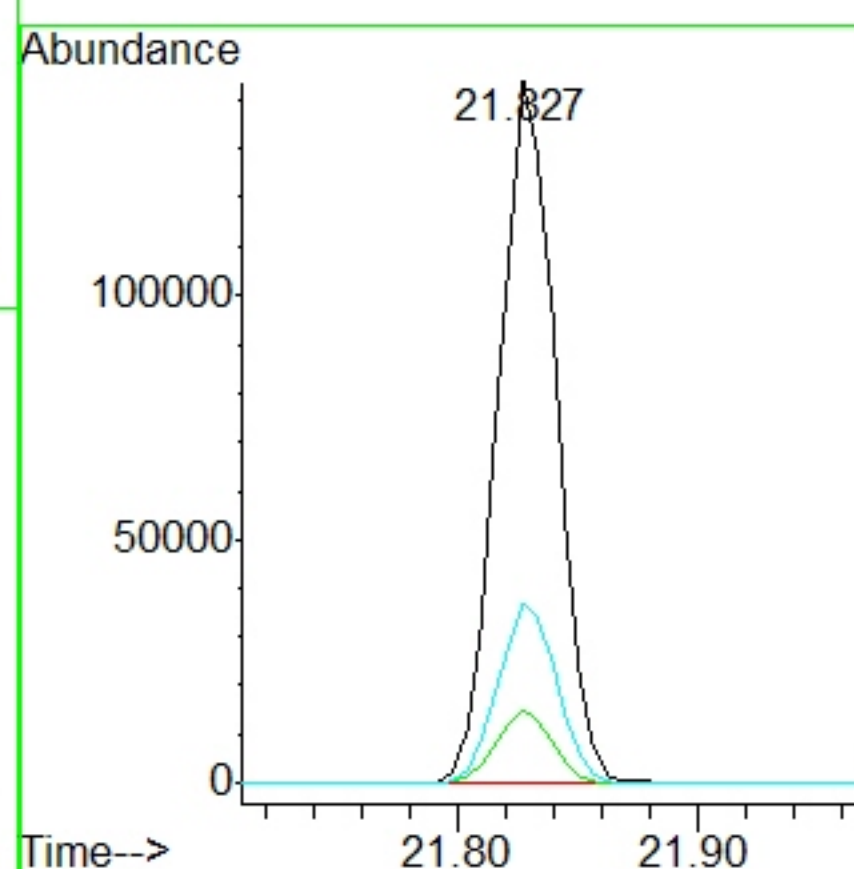
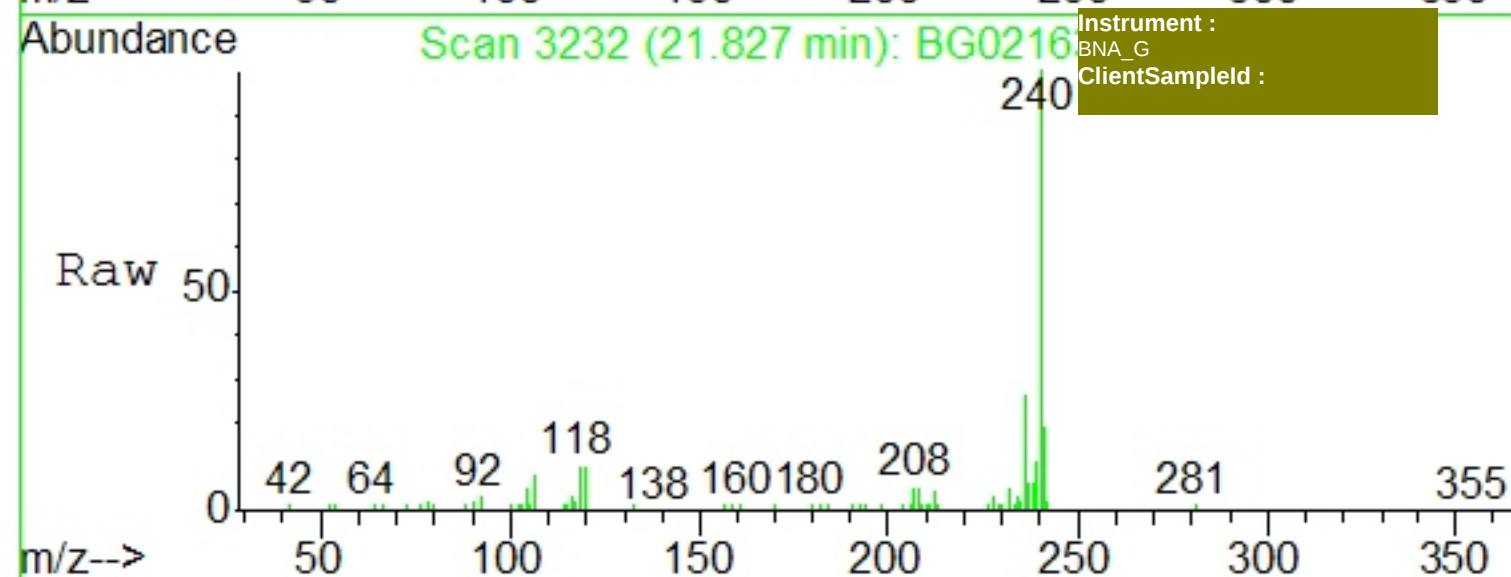
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.11 ng
 RT: 15.916 min Scan# 2226
 Delta R.T. -0.014 min
 Lab File: BG021639.D
 Acq: 14 Apr 2016 4:18

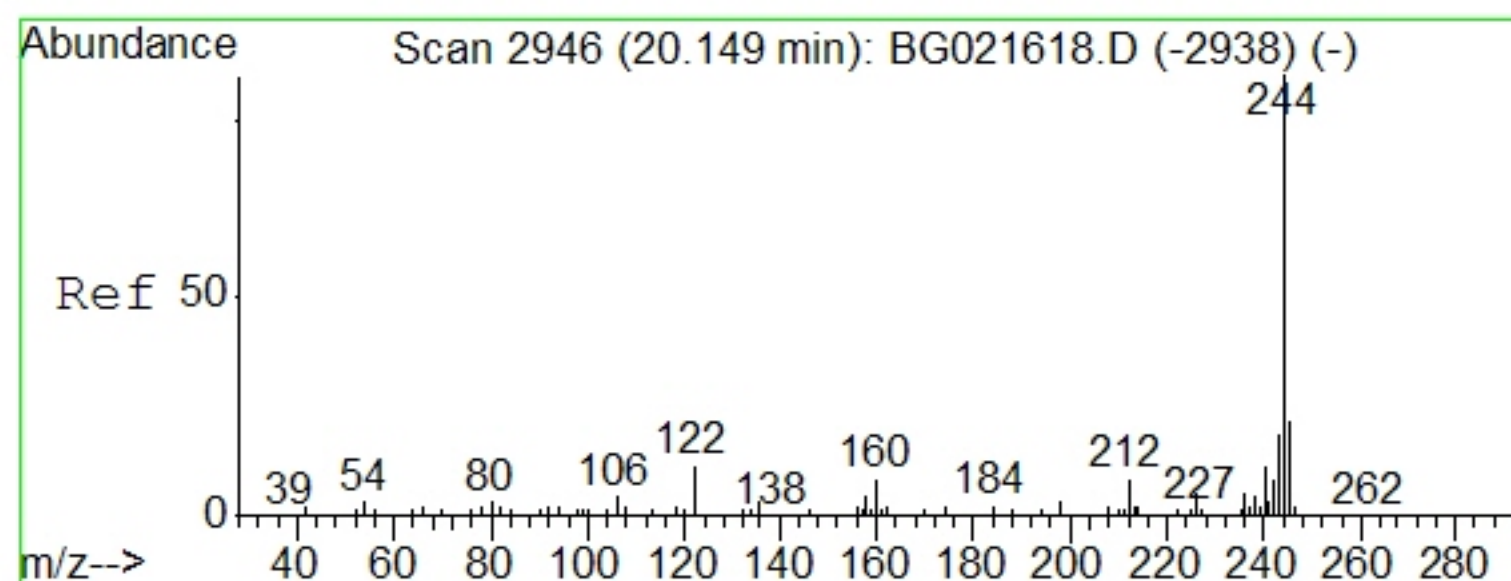
Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	29.2	69.2#
105	45.9	24.0	64.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.827 min Scan# 3232
 Delta R.T. -0.008 min
 Lab File: BG021639.D
 Acq: 14 Apr 2016 4:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	25.8	19.6	29.4





#78

Terphenyl-d14

Concen: 88.67 ng

RT: 20.147 min Scan# 2946

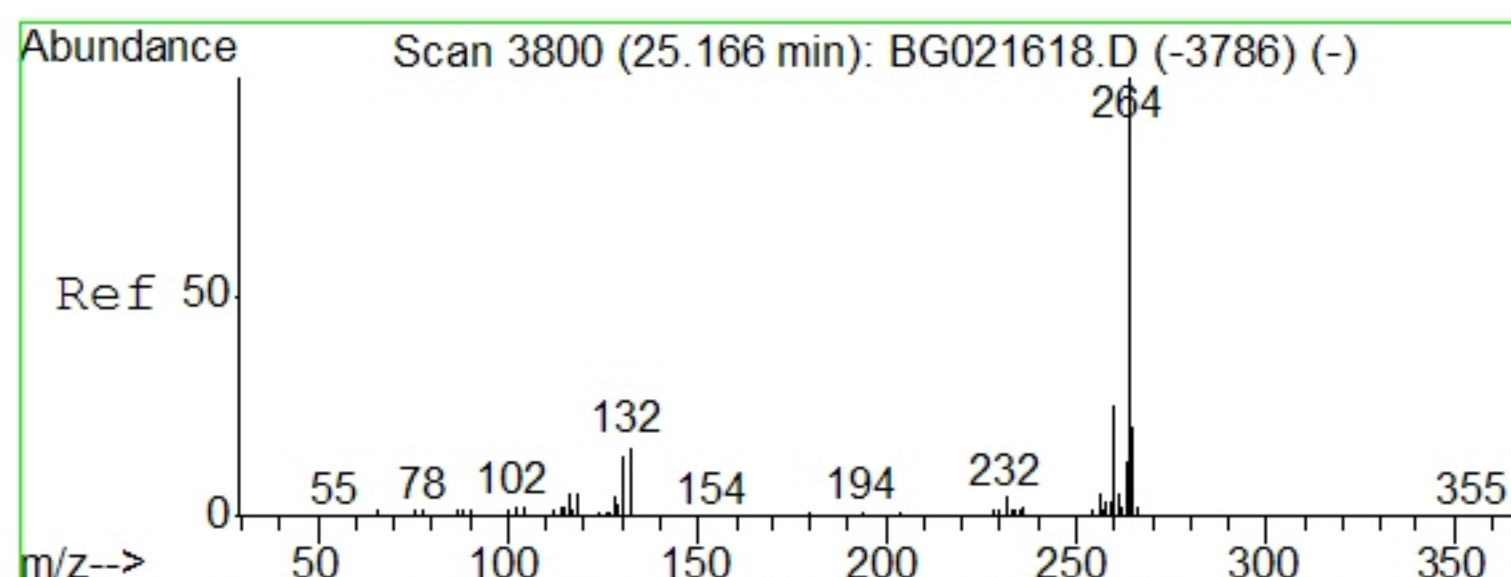
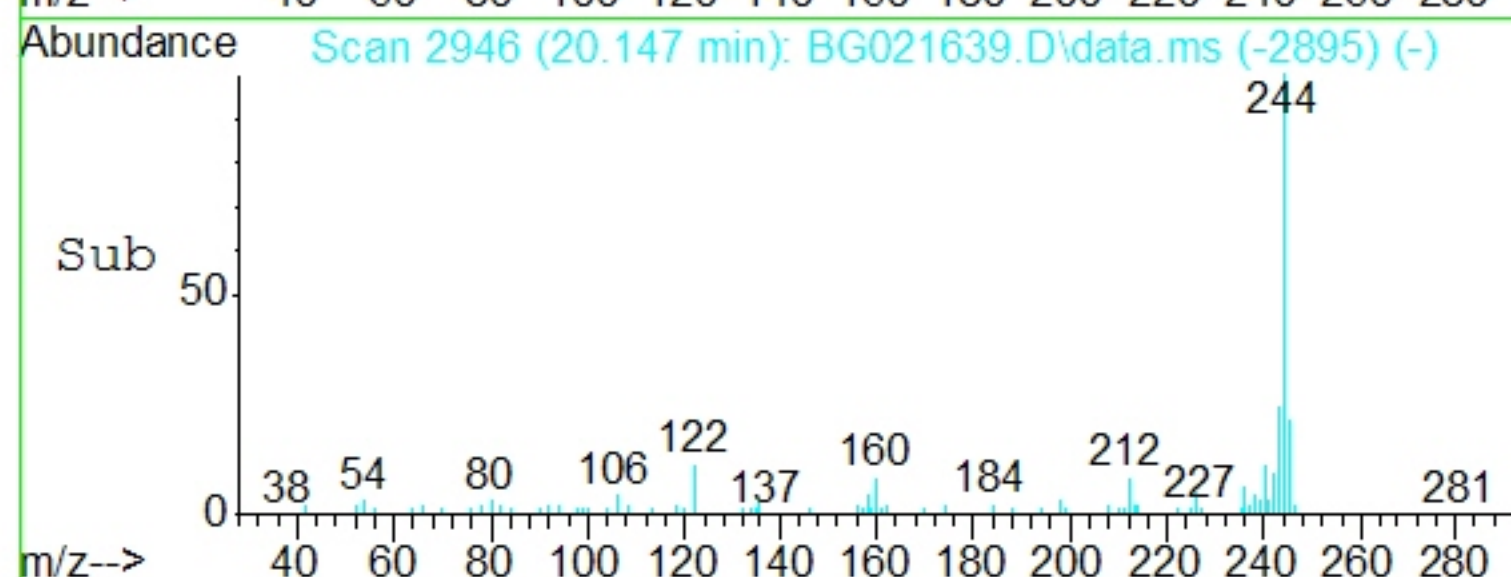
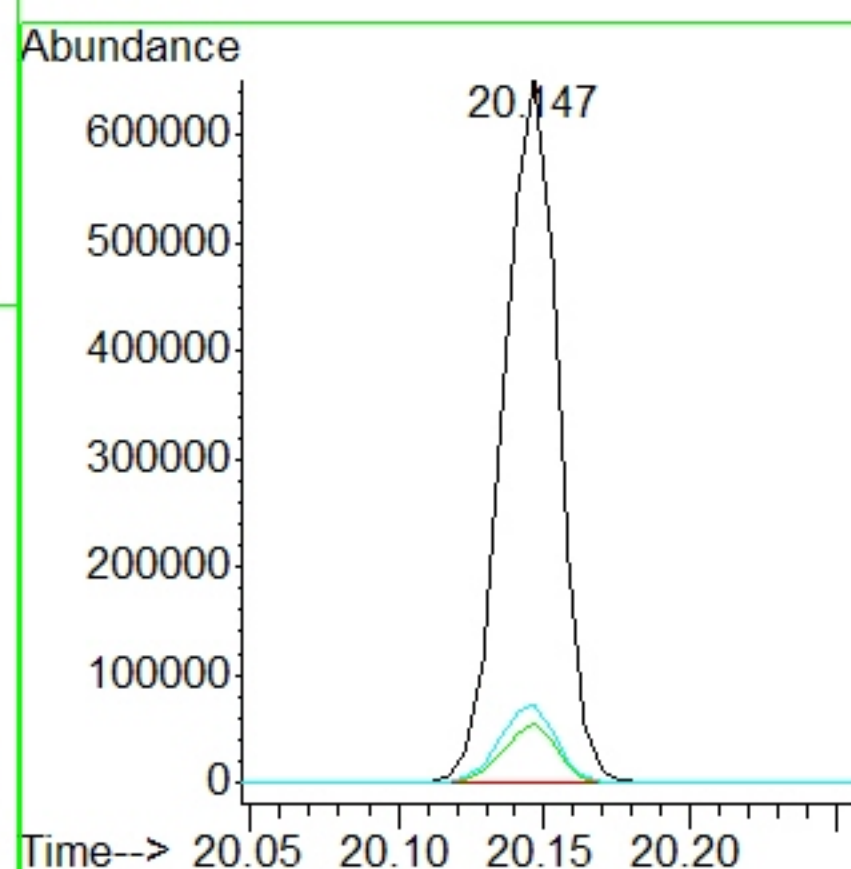
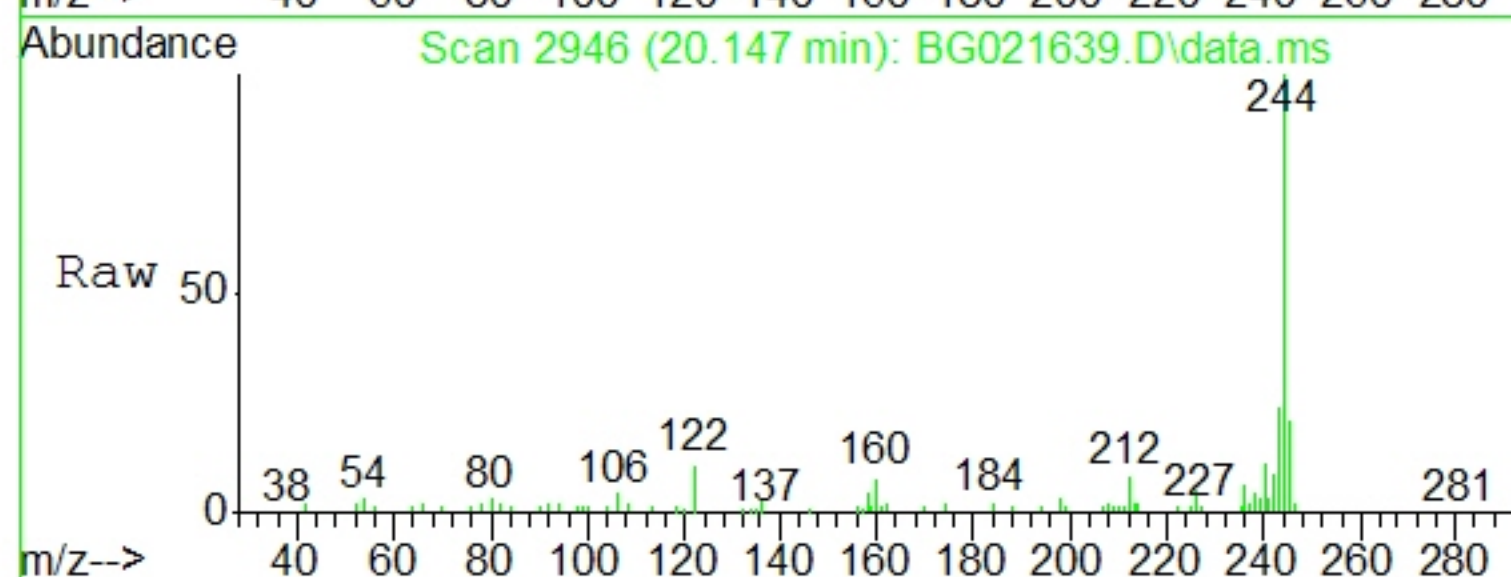
Delta R.T. -0.002 min

Lab File: BG021639.D

Acq: 14 Apr 2016 4:18

Tgt Ion:244 Resp: 854945

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.0	8.6	12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.159 min Scan# 3799

Delta R.T. -0.008 min

Lab File: BG021639.D

Acq: 14 Apr 2016 4:18

Tgt Ion:264 Resp: 231818

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.4
265	21.8	17.8	26.8

