

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040767.D
 Acq On : 7 May 2019 13:25
 Operator : HP/JU
 Sample : K2674-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV28545L

Quant Time: May 07 15:05:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

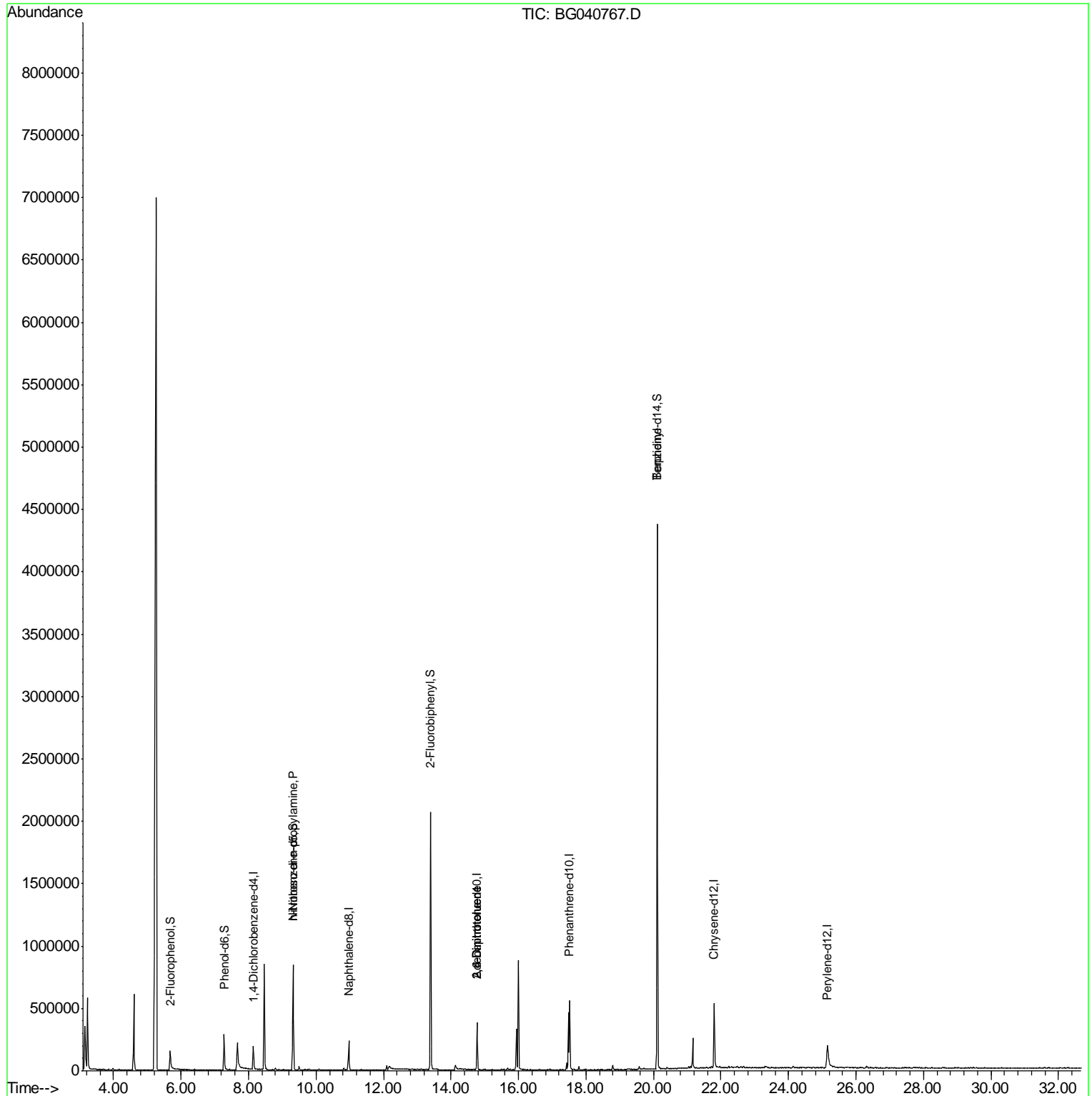
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45771	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	180693	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	129671	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	346337	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	348256	20.00	ng	-0.03
87) Perylene-d12	25.16	264	286411	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	84978	32.73	ng	0.00
7) Phenol-d6	7.28	99	161006	40.27	ng	-0.02
23) Nitrobenzene-d5	9.32	82	479721	122.67	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.40	172	1033405	115.09	ng	-0.02
79) Terphenyl-d14	20.11	244	2003243	127.44	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.29	77	177	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	70701	19.645 ng	#	74
51) 2,6-Dinitrotoluene	14.77	165	16704	7.889 ng	#	15
57) 2,4-Dinitrotoluene	14.77	165	16704	5.805 ng	#	17
77) Benzidine	20.11	184	37894	3.974 ng	#	94

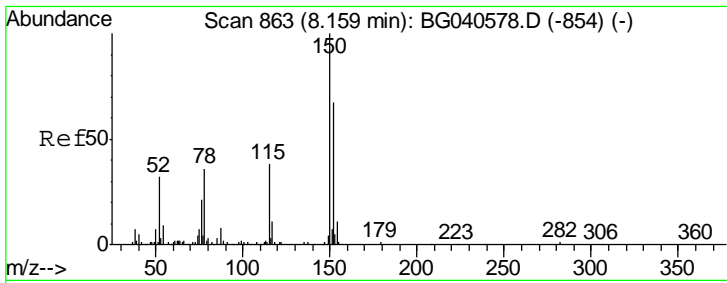
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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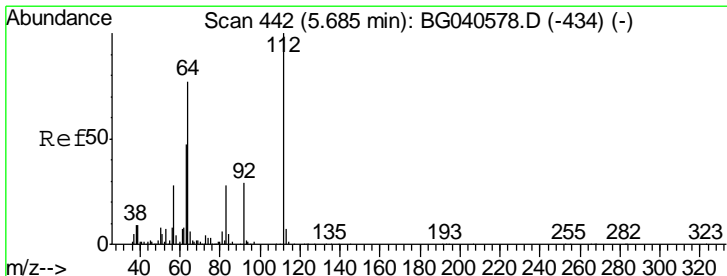
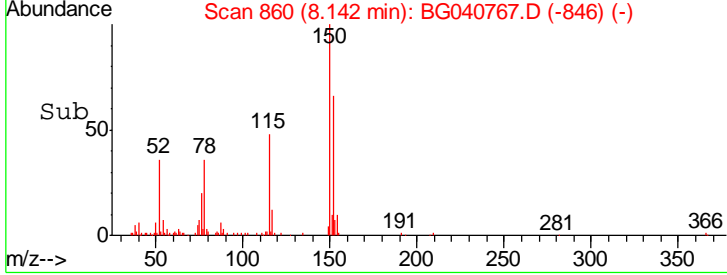
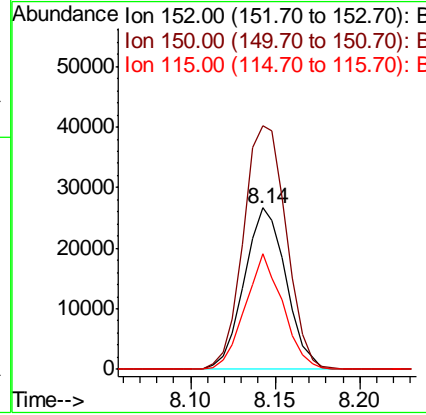
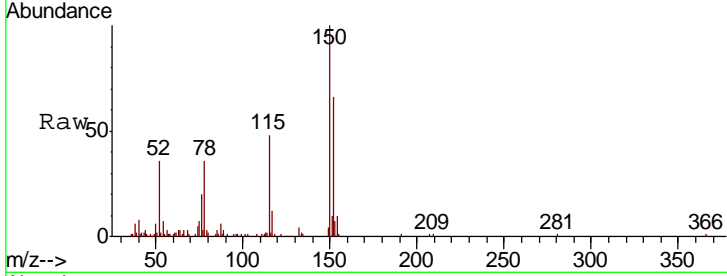




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

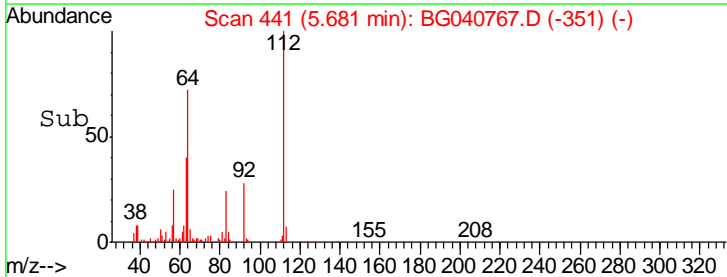
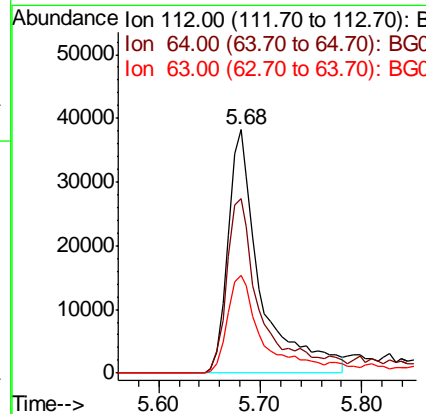
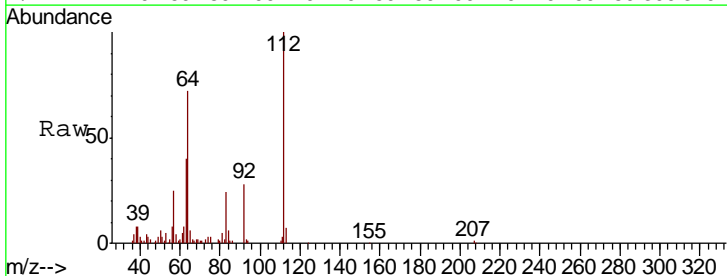
Instrument :
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 ClientSampled :
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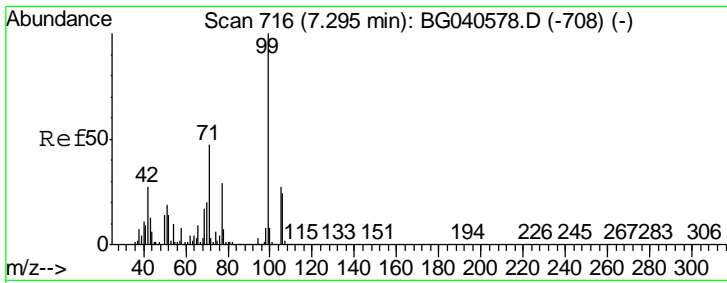
Tgt Ion	Resp	Lower	Upper
152	45771		
150	150.7	120.2	180.2
115	71.8	46.2	69.2



#5
 2-Fluorophenol
 Concen: 32.727 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Resp	Lower	Upper
112	84978		
64	71.8	61.4	92.0
63	40.3	37.8	56.6

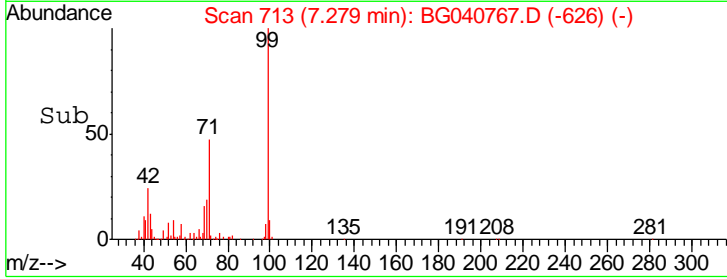
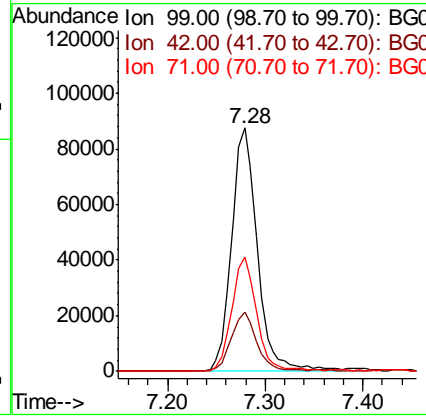
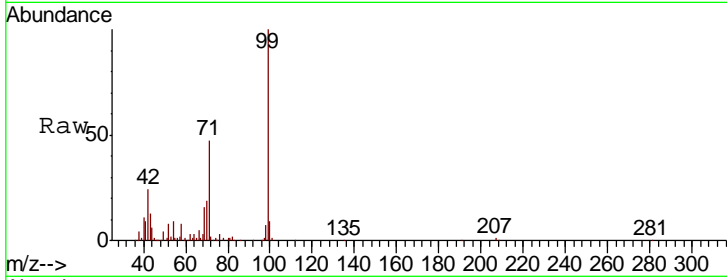




#7
 Phenol-d6
 Concen: 40.272 ng
 RT: 7.28 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

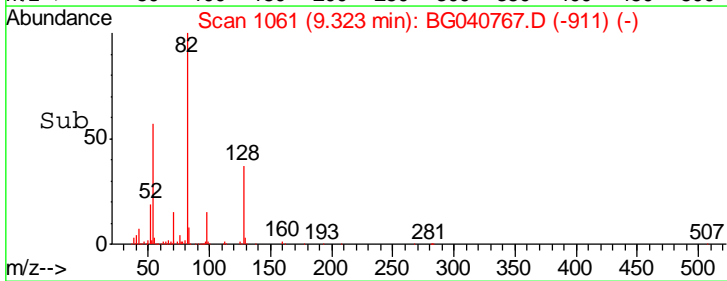
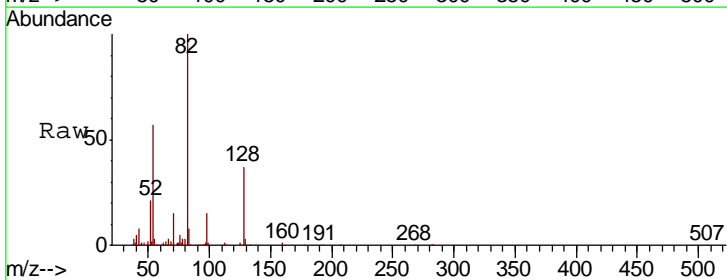
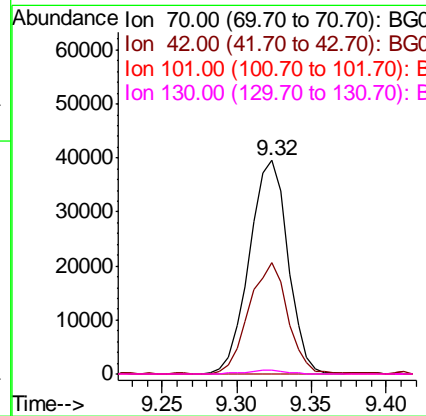
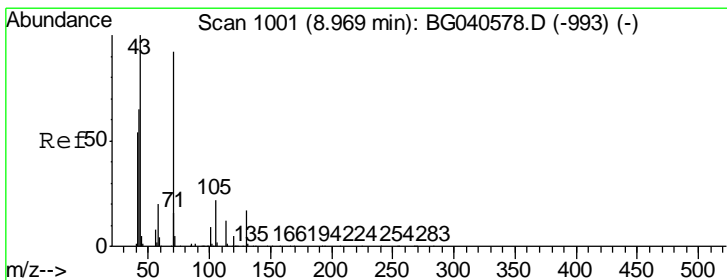
Instrument :
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ClientSampled :
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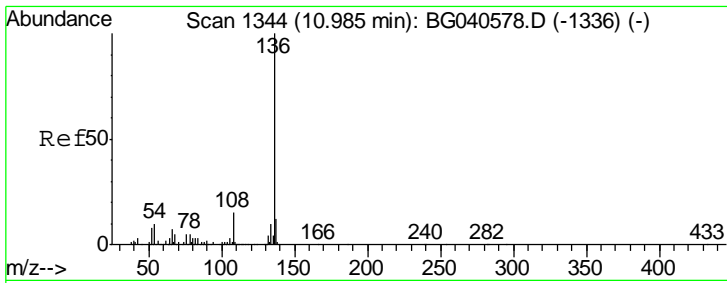
Tgt Ion	Resp	Lower	Upper
99	161006		
42	24.1	21.8	32.8
71	46.8	38.6	57.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 19.645 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.35 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Resp	Lower	Upper
70	70701		
42	52.2	57.1	85.7#
101	0.0	7.8	11.8#
130	1.8	14.6	21.8#

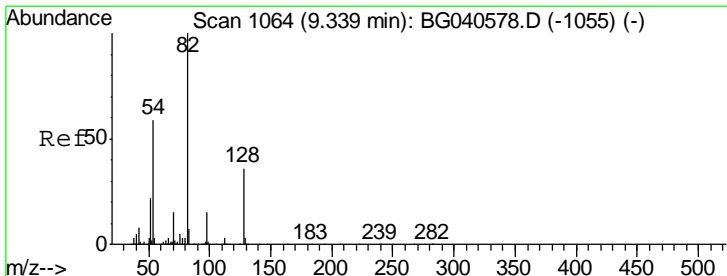
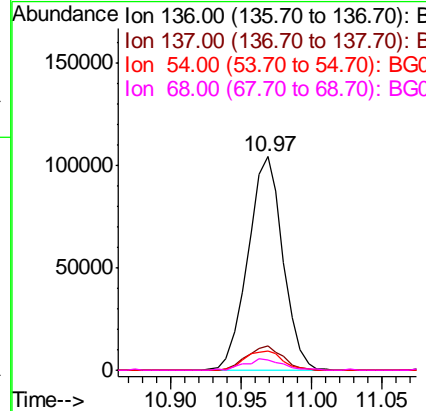
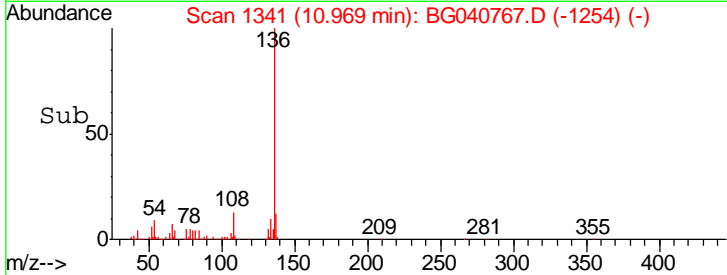
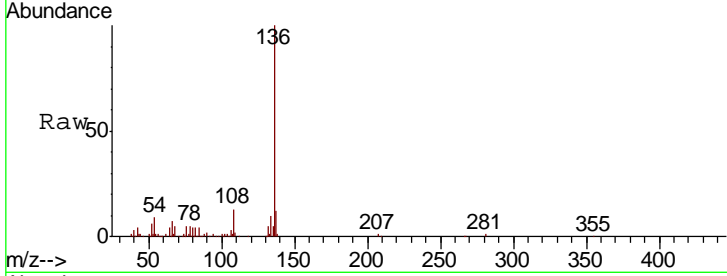




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

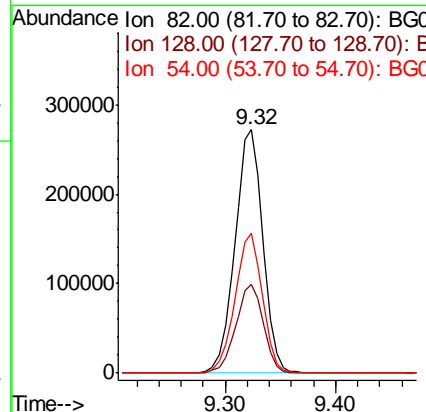
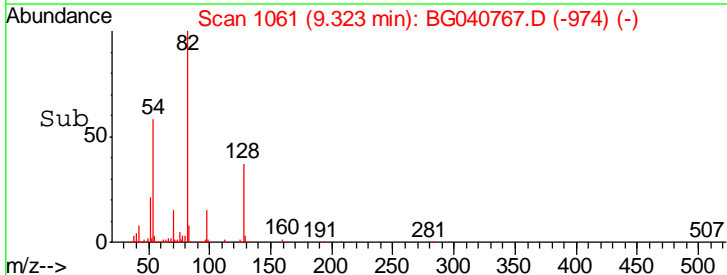
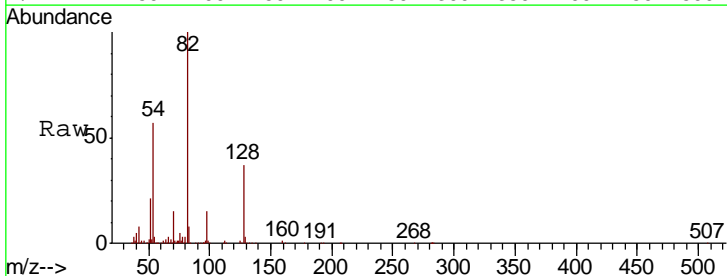
Instrument :
 BNA_G
ClientSampled :
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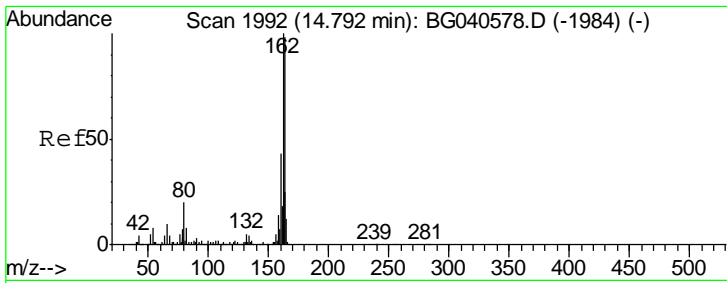
Tgt Ion	Resp	Lower	Upper
136	180693		
137	11.5	9.7	14.5
54	9.3	8.6	12.8
68	4.7	4.8	7.2#



#23
 Nitrobenzene-d5
 Concen: 122.673 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Resp	Lower	Upper
82	479721		
128	36.7	28.9	43.3
54	57.4	47.2	70.8

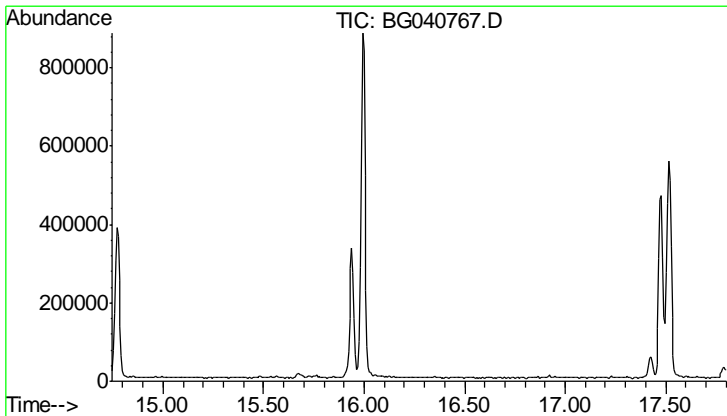
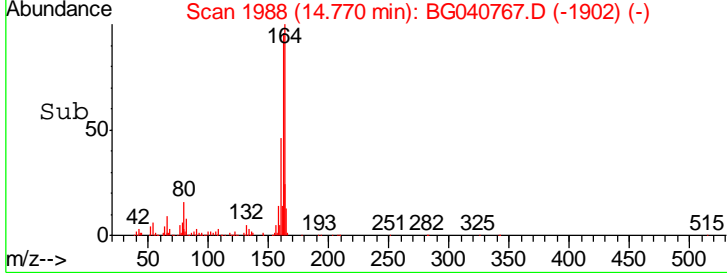
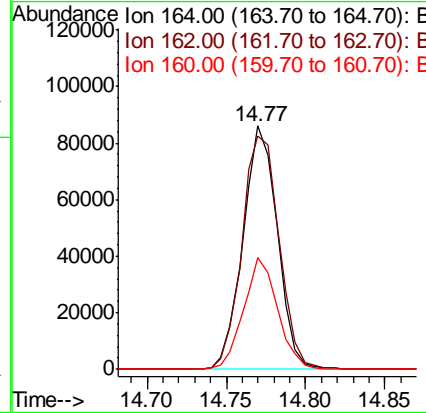
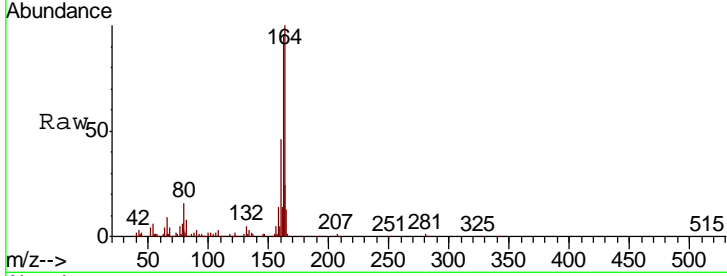




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

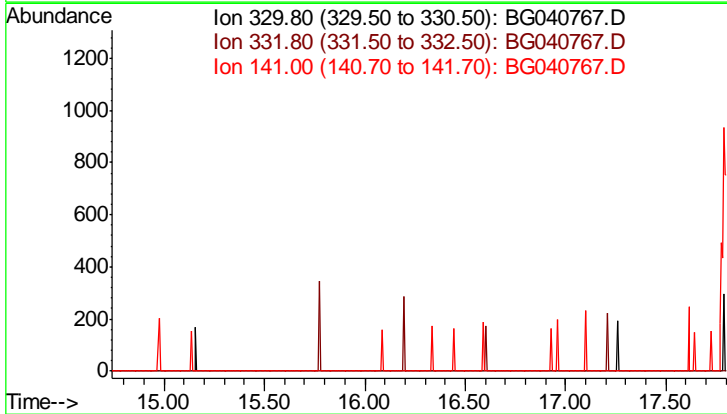
Instrument :
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 ClientSampled :
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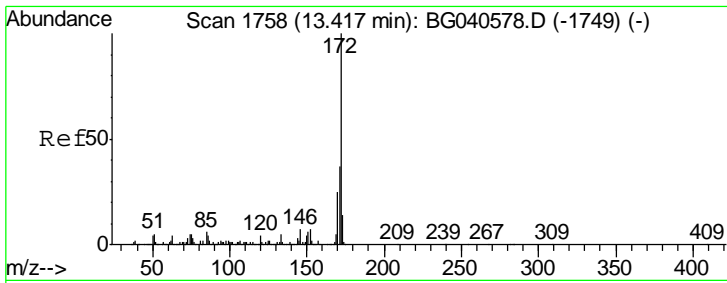
Tgt Ion	Resp	Lower	Upper
164	100		
162	95.8	81.9	122.9
160	45.9	35.4	53.2



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.27 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Exp Ratio
330	100
332	94.9
141	40.5

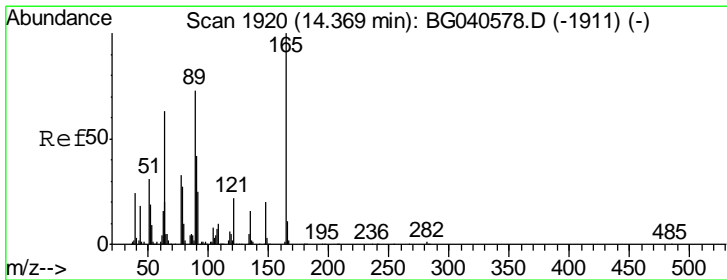
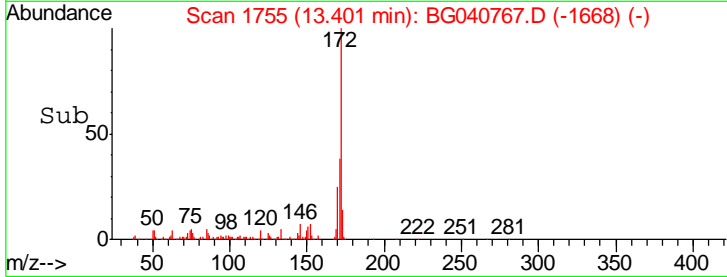
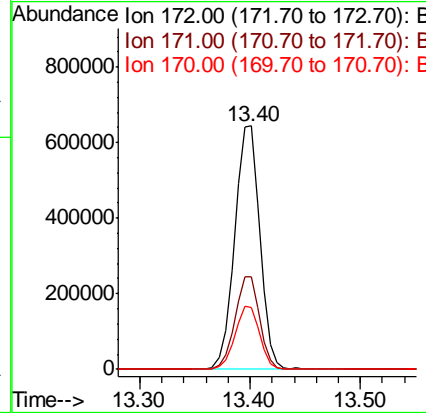
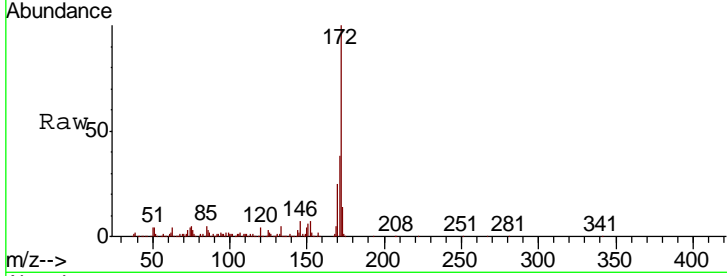




#45
 2-Fluorobiphenyl
 Concen: 115.095 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

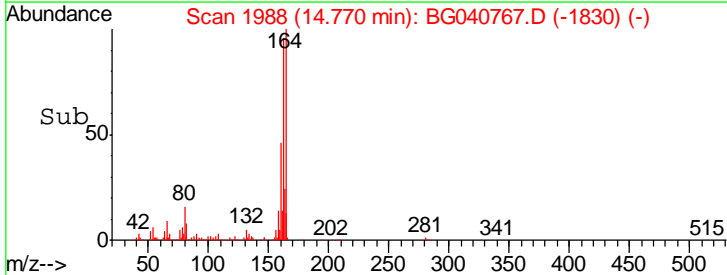
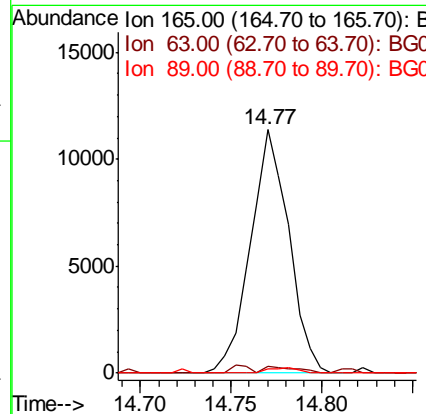
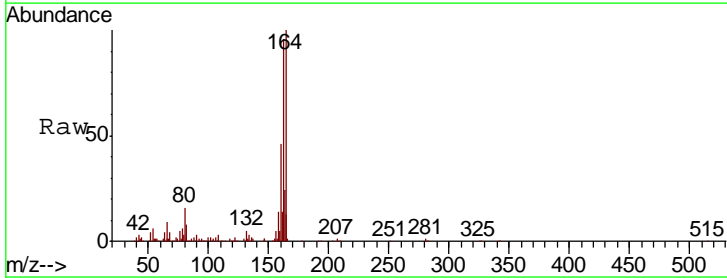
Instrument :
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 ClientSampled :
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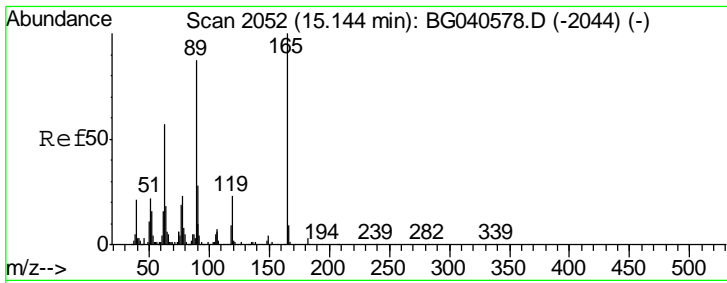
Tgt Ion	Resp	Lower	Upper
172	1033405		
171	38.0	29.4	44.2
170	25.2	19.9	29.9



#51
 2,6-Dinitrotoluene
 Concen: 7.889 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Resp	Lower	Upper
165	16704		
63	2.9	61.0	91.4#
89	1.5	58.6	87.8#

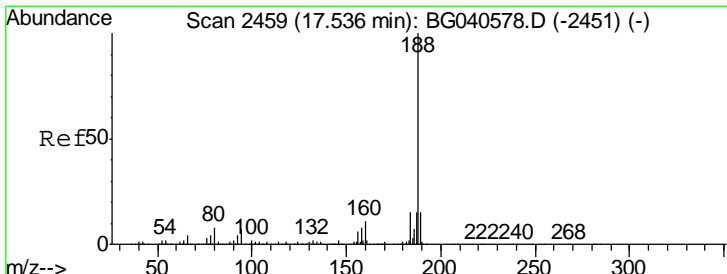
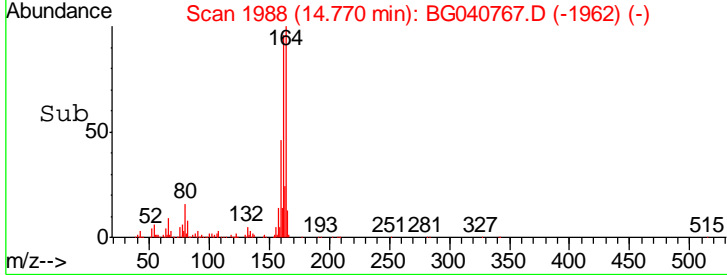
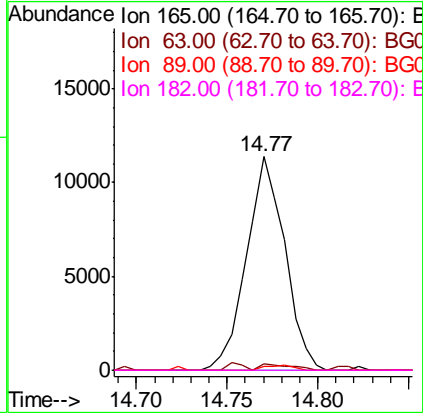
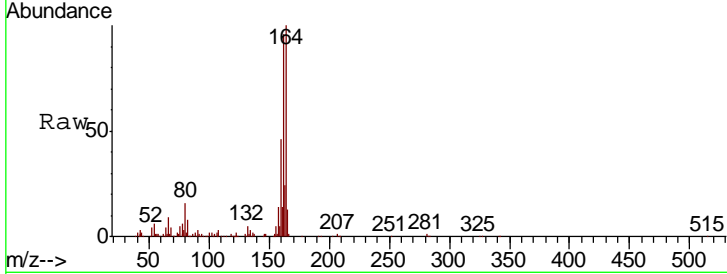




#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.37 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

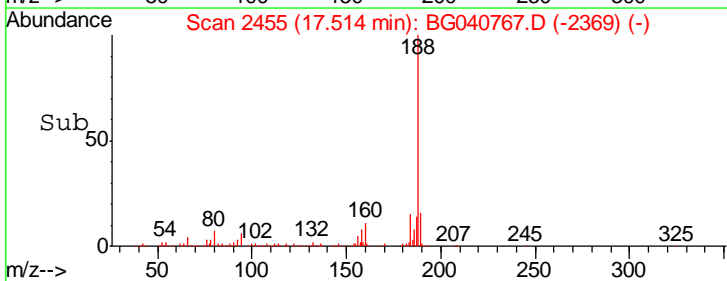
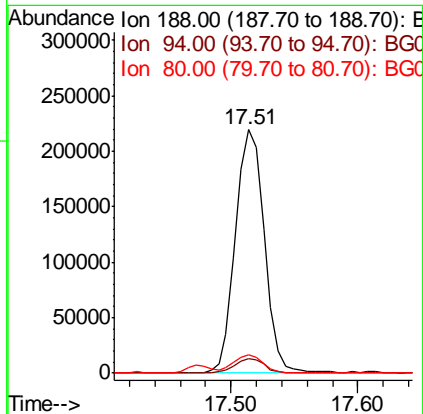
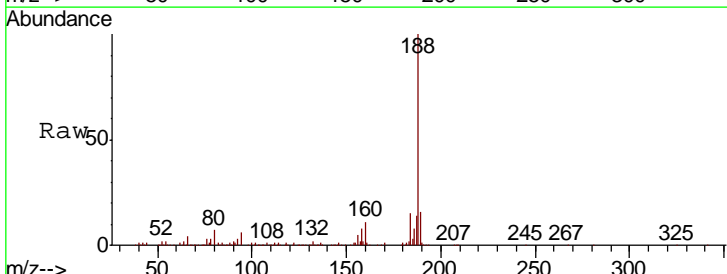
Instrument :
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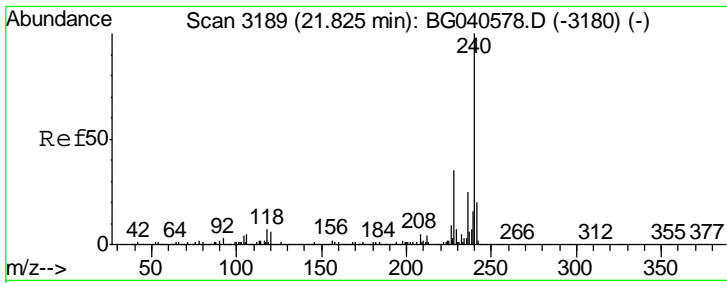
Tgt Ion	Resp	Lower	Upper
165	16704		
63	2.9	45.8	68.8#
89	1.5	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Resp	Lower	Upper
188	346337		
94	6.1	5.6	8.4
80	7.4	6.4	9.6

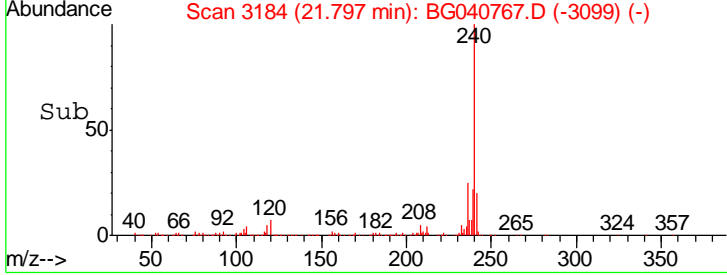
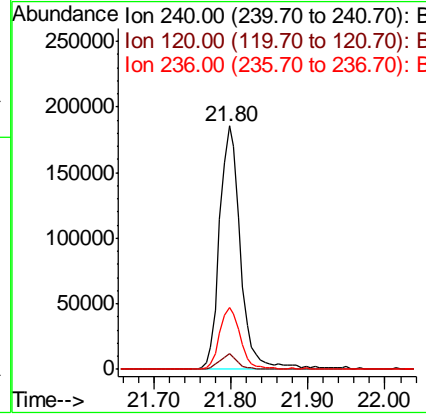
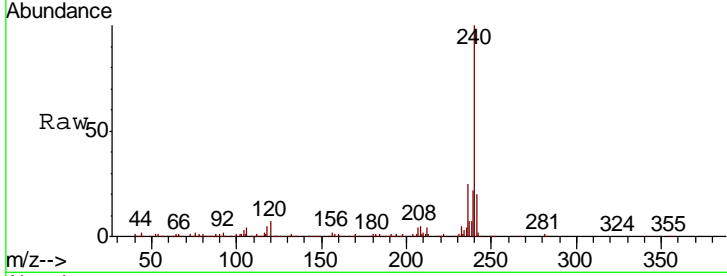




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

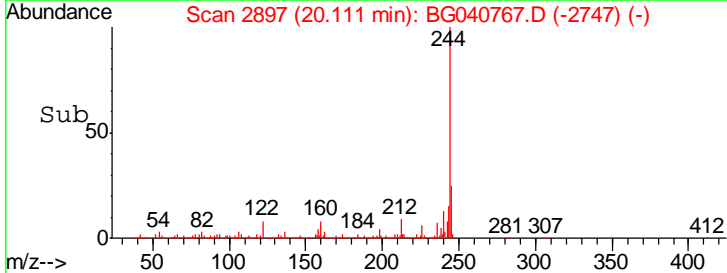
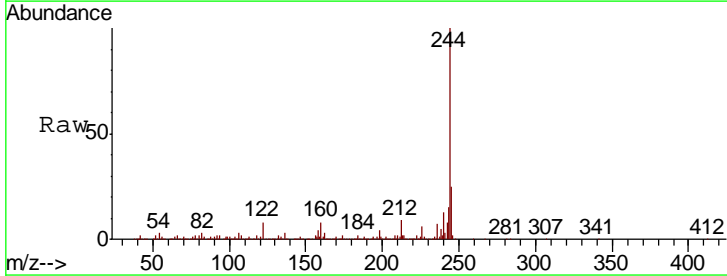
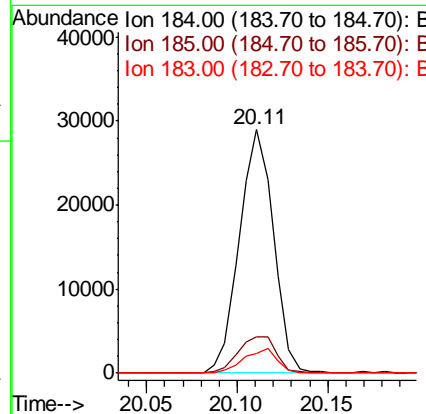
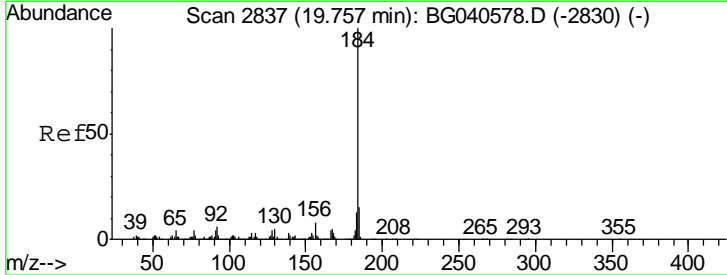
Instrument :
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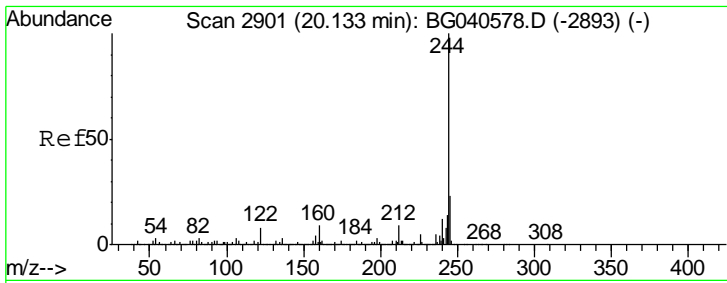
Tgt Ion	Resp	Lower	Upper
240	100		
120	6.6	5.0	7.6
236	25.5	20.3	30.5



#77
 Benzidine
 Concen: 3.974 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.35 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	Resp	Lower	Upper
184	100		
185	15.1	11.8	17.8
183	8.1	10.2	15.2#





#79

Terphenyl-d14

Concen: 127.436 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

Instrument :

BNA_G

ClientSampled :

SV28545L

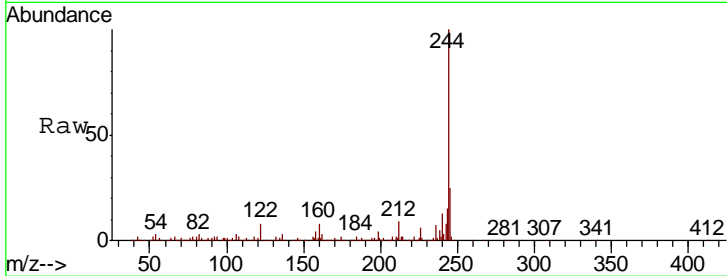
Tgt Ion:244 Resp: 2003243

Ion Ratio Lower Upper

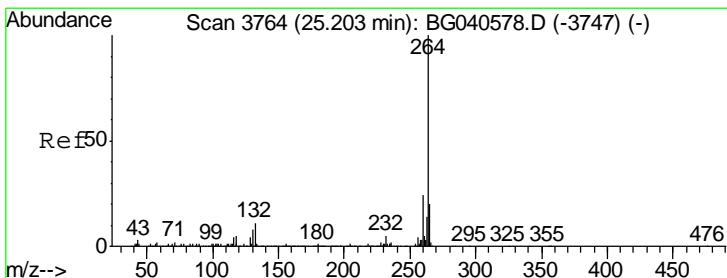
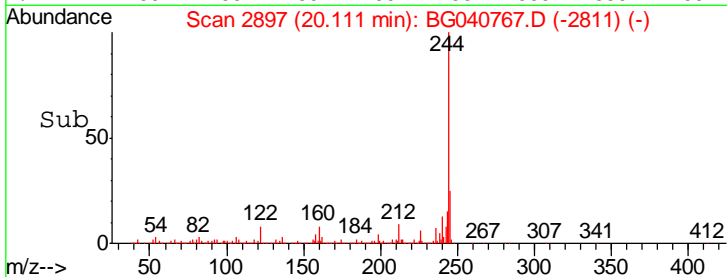
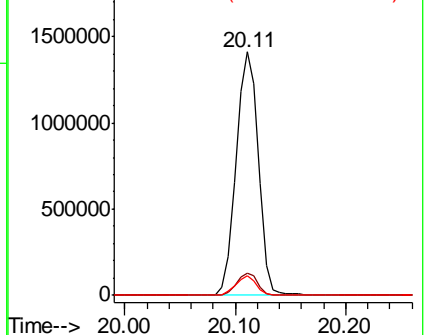
244 100

212 9.4 7.2 10.8

122 8.1 6.6 10.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

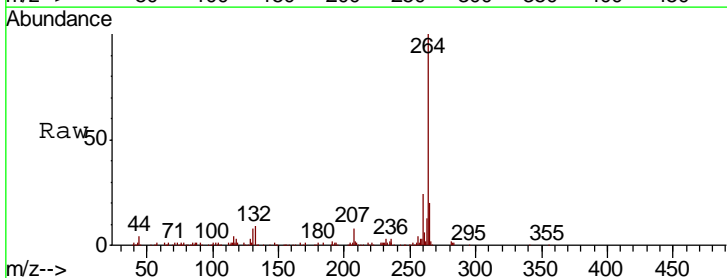
Tgt Ion:264 Resp: 286411

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.4 16.6 25.0



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

