

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038415.D
 Acq On : 7 Dec 2018 22:45
 Operator : JU/SJ
 Sample : J6237-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-2

Quant Time: Dec 08 04:09:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

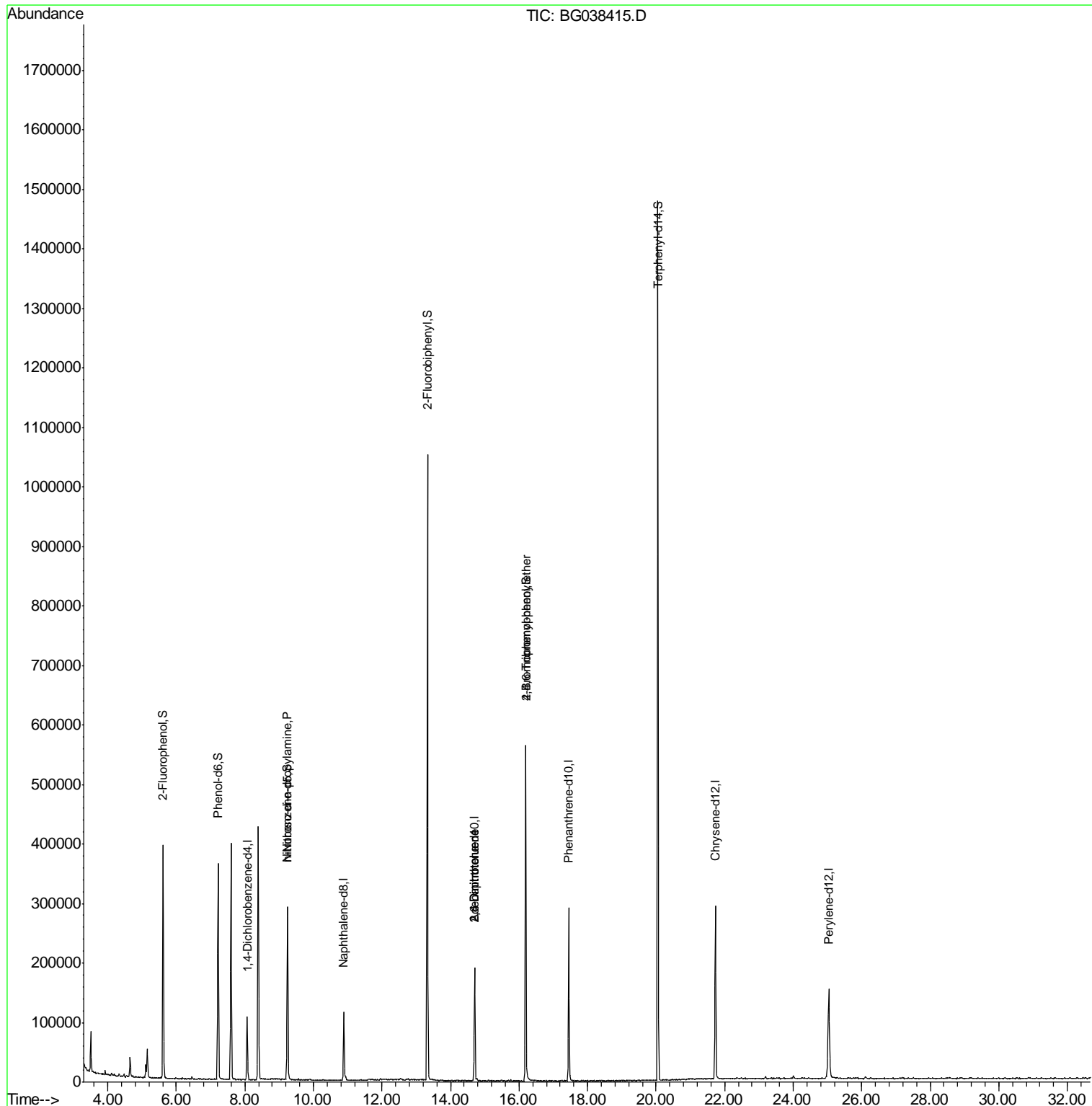
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29649	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	103796	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	71773	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186715	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187168	20.00	ng	-0.01
87) Perylene-d12	25.04	264	188747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	168657	100.67	ng	0.00
7) Phenol-d6	7.22	99	205684	84.94	ng	0.00
23) Nitrobenzene-d5	9.24	82	182305	87.20	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	110965	125.94	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	573179	113.79	ng	0.00
79) Terphenyl-d14	20.05	244	746527	85.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	23076	11.540	ng	# 78
51) 2,6-Dinitrotoluene	14.71	165	9063	6.892	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	9063	4.997	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	7245	3.593	ng	# 1

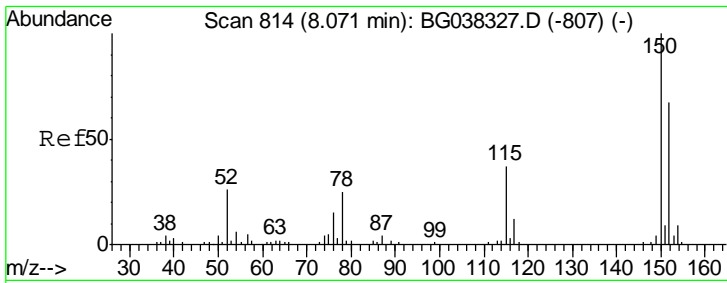
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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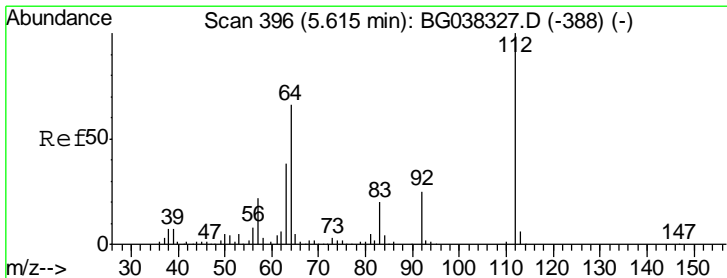
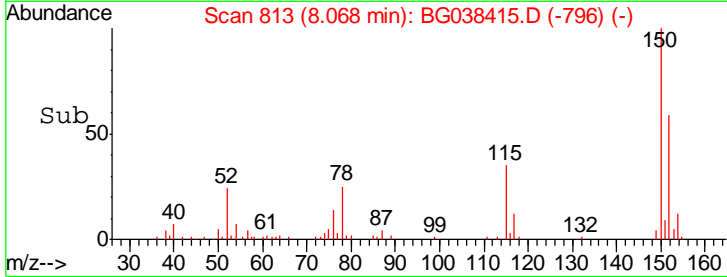
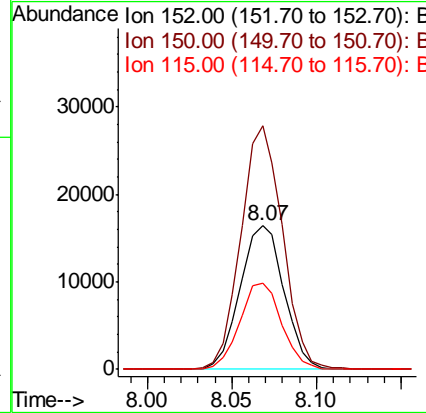
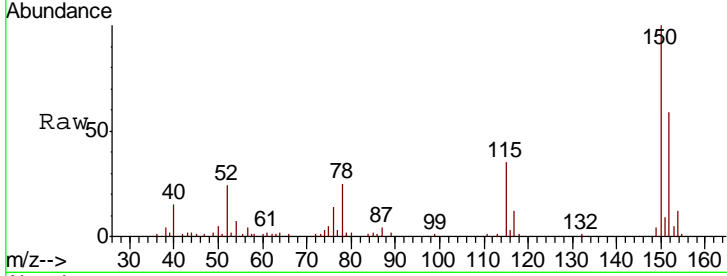




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

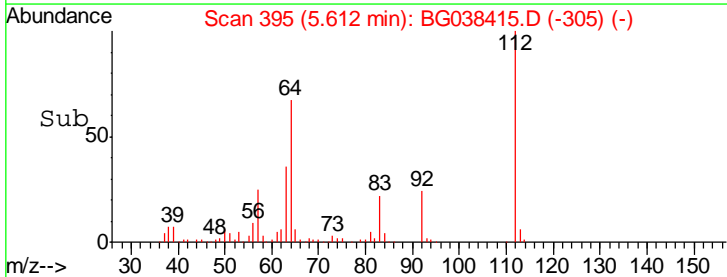
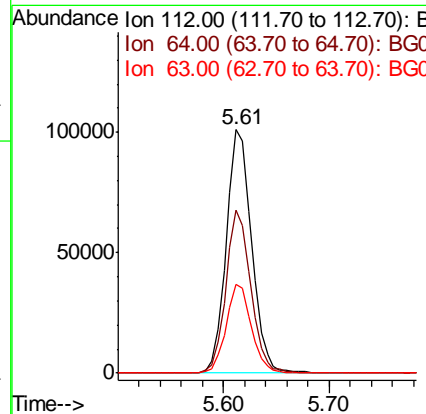
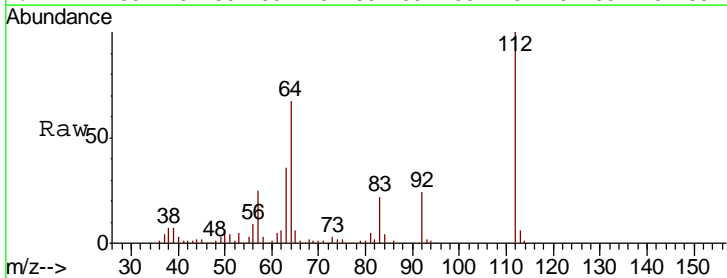
Instrument :
 BNA_G
 ClientSampled :
 SAMPLE-2

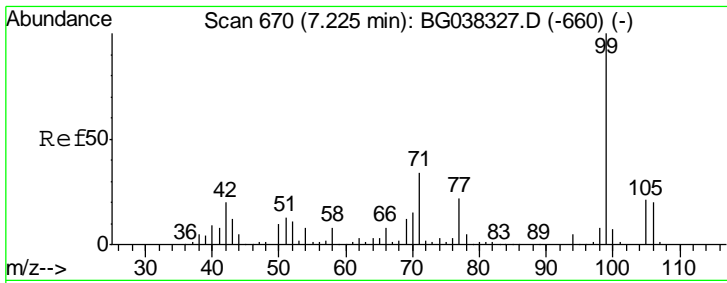
Tgt Ion	Resp	Lower	Upper
152	29649		
150	169.9	126.0	189.0
115	60.1	45.5	68.3



#5
 2-Fluorophenol
 Concen: 100.665 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

Tgt Ion	Resp	Lower	Upper
112	168657		
64	67.0	53.1	79.7
63	36.4	27.3	40.9

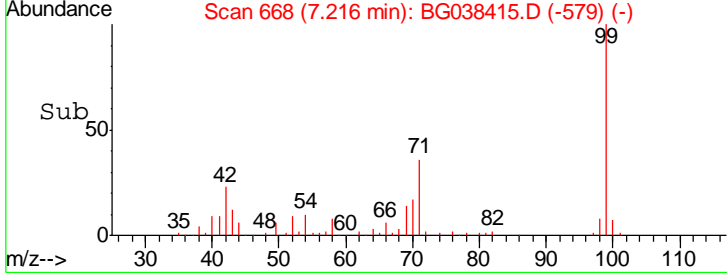
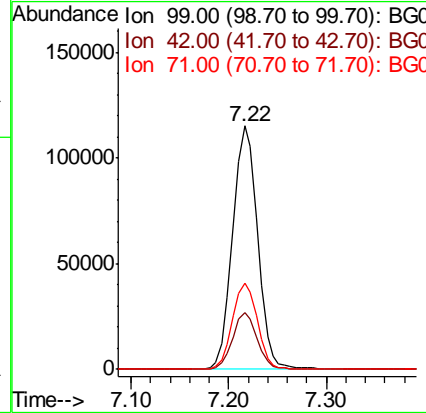
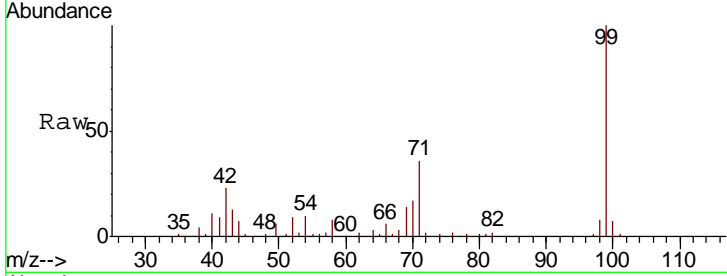




#7
 Phenol-d6
 Concen: 84.939 ng
 RT: 7.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

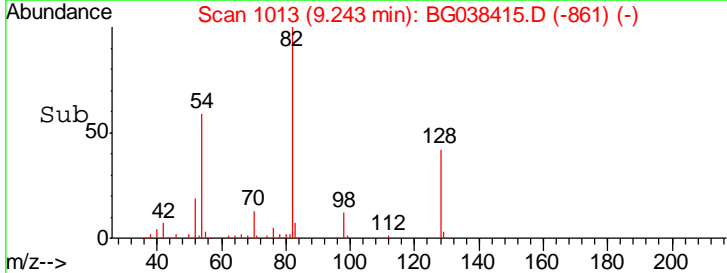
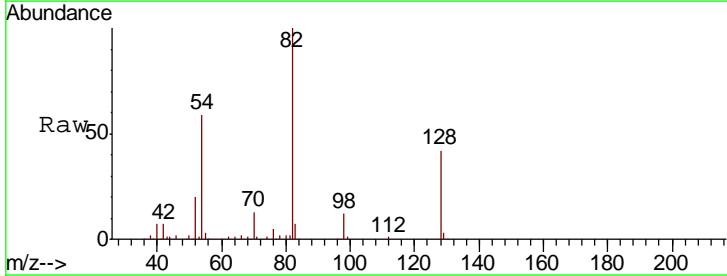
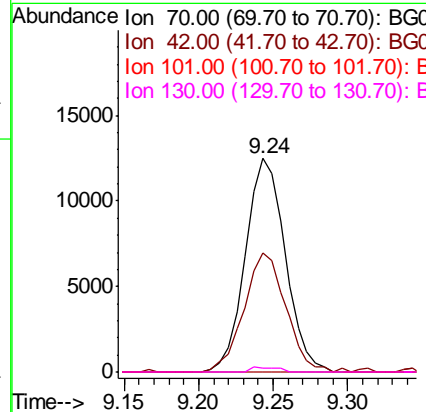
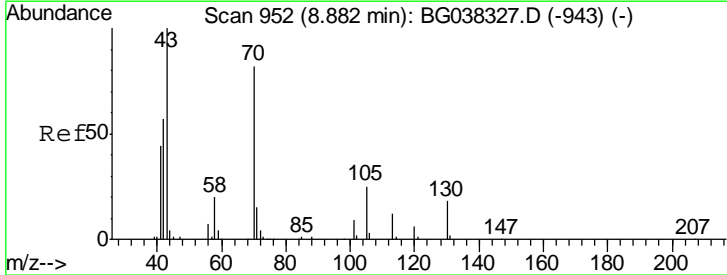
Instrument :
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 ClientSampled :
 SAMPLE-2

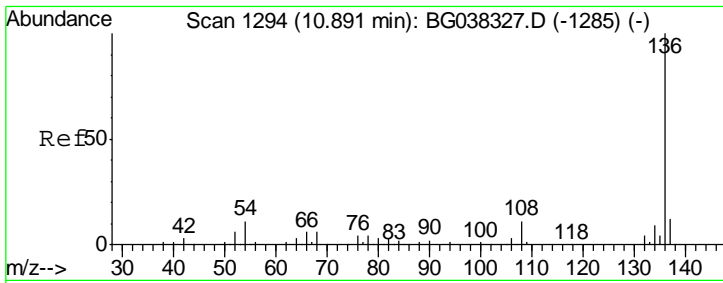
Tgt Ion	Resp	Lower	Upper
99	100		
42	23.5	15.0	22.4#
71	35.6	25.5	38.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 11.540 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. 0.36 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

Tgt Ion	Resp	Lower	Upper
70	100		
42	55.8	53.9	80.9
101	0.0	8.2	12.2#
130	1.8	18.2	27.4#



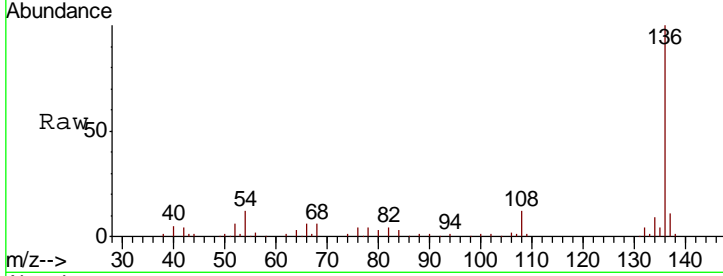


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

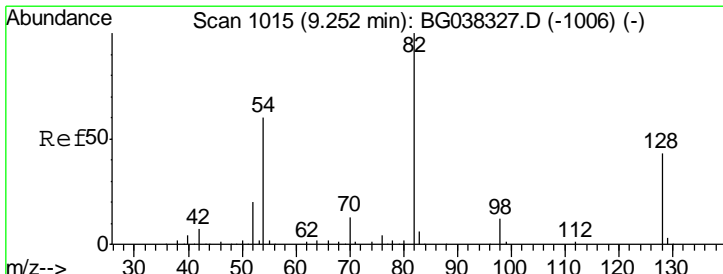
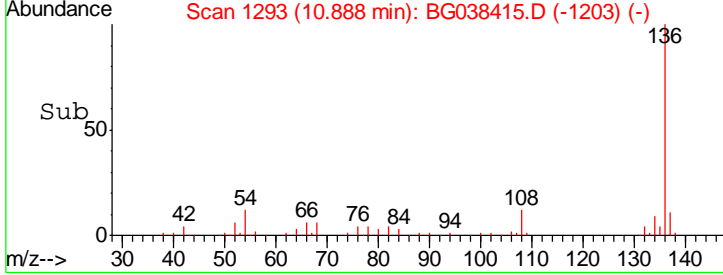
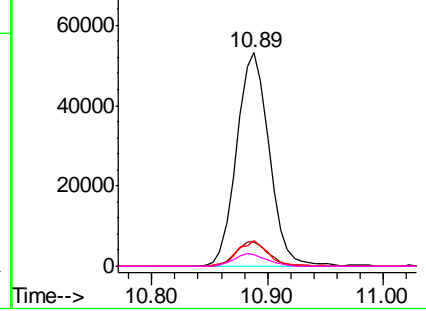
Instrument :
 BNA_G
 ClientSampled :
 SAMPLE-2

Tgt Ion: 136 Resp: 103796

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.9	7.9	11.9
68	5.5	4.8	7.2



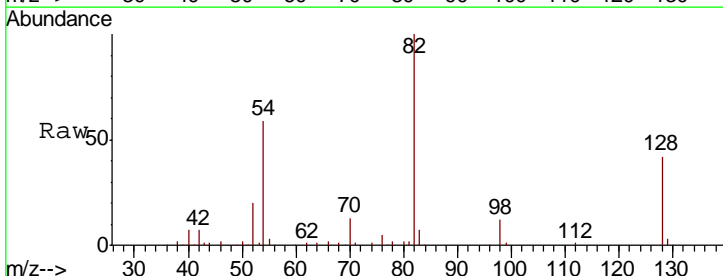
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC



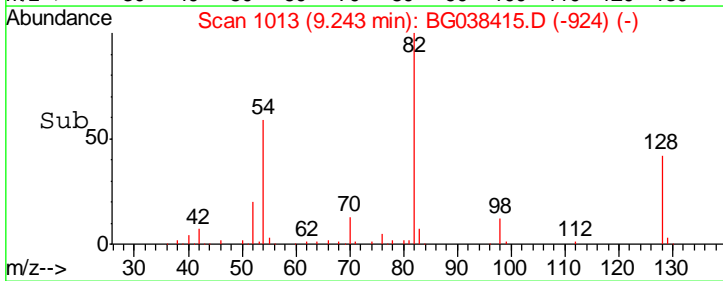
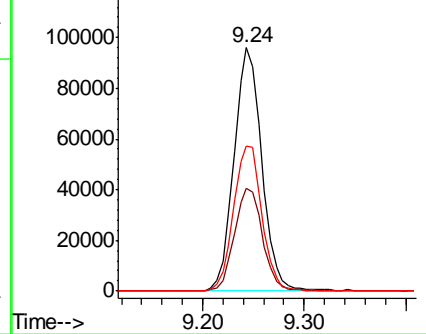
#23
 Nitrobenzene-d5
 Concen: 87.200 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

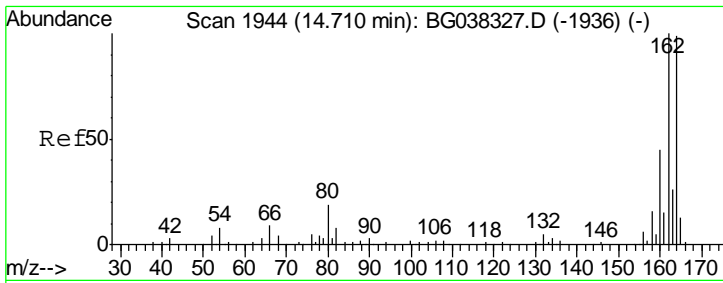
Tgt Ion: 82 Resp: 182305

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	59.5	45.3	67.9



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

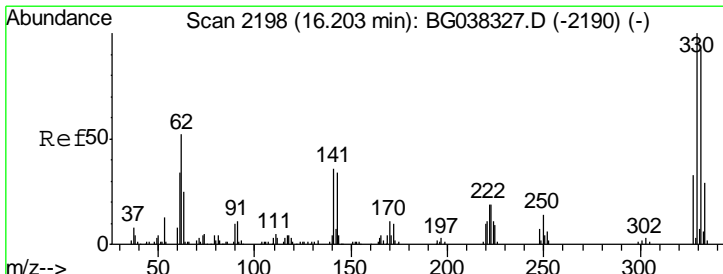
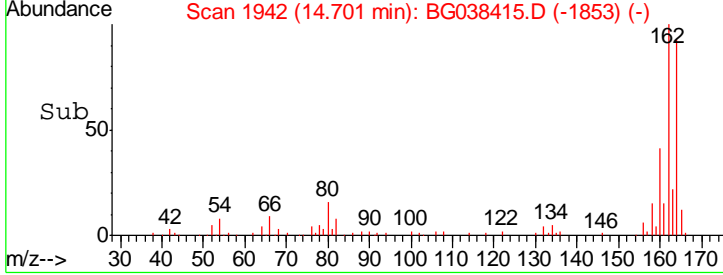
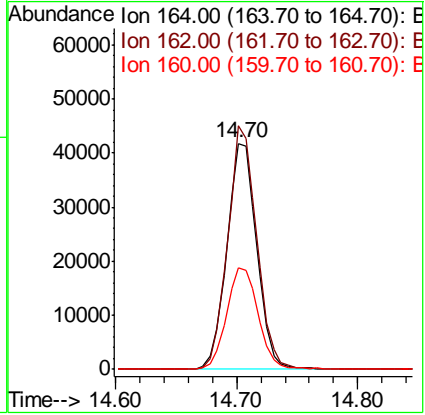
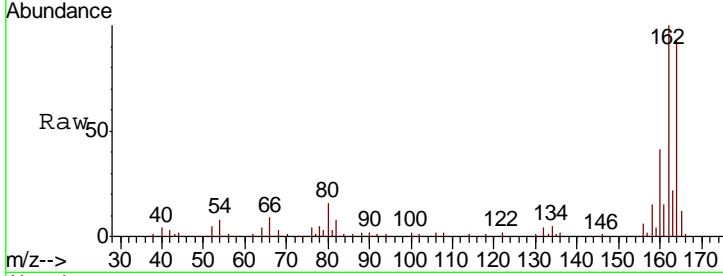




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

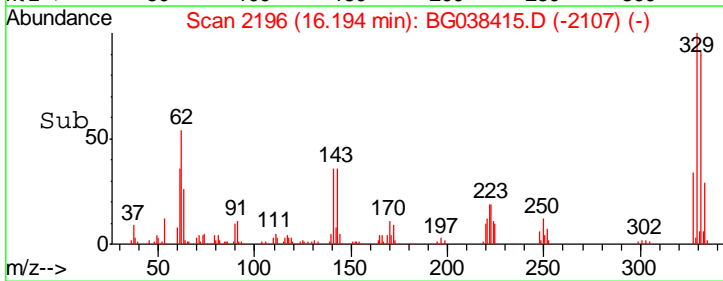
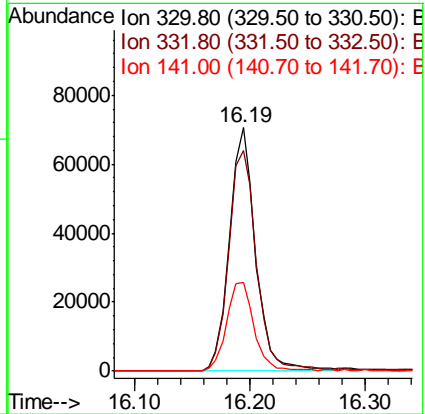
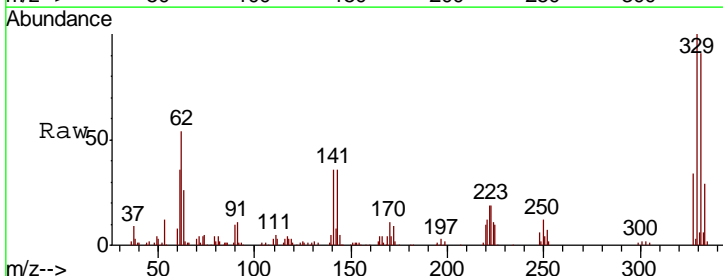
Instrument :
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 ClientSampleId :
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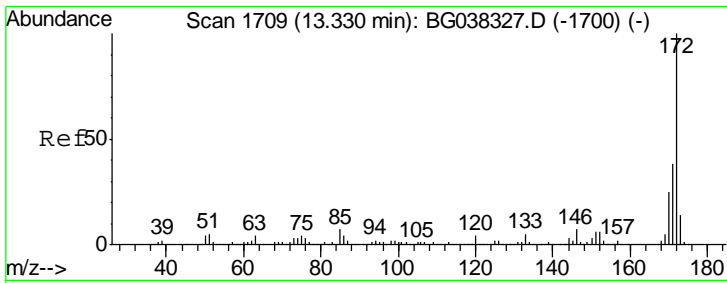
Tgt Ion	Resp	Lower	Upper
164	100		
162	107.7	81.3	121.9
160	44.7	36.3	54.5



#42
 2,4,6-Tribromophenol
 Concen: 125.939 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	38.4	32.2	48.2

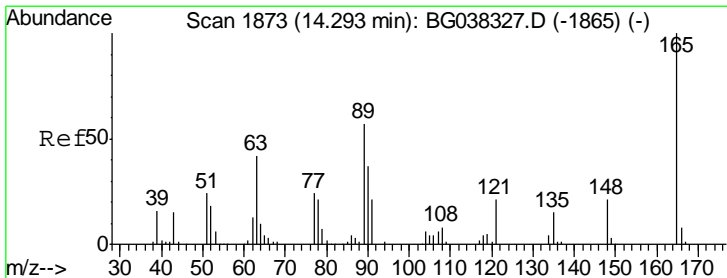
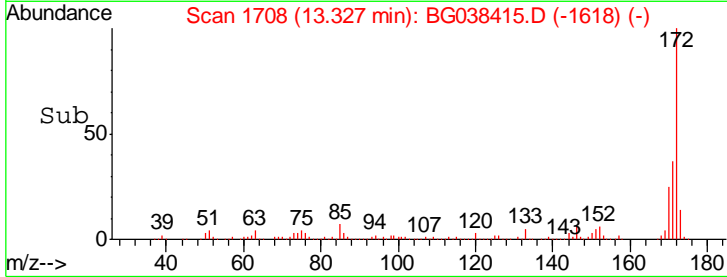
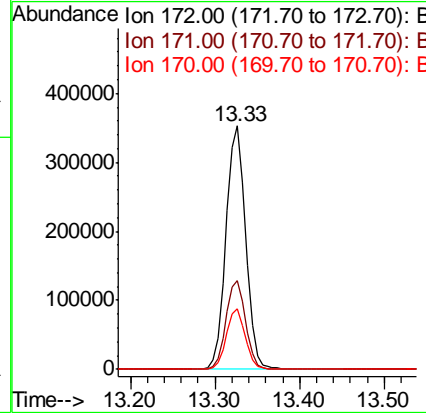
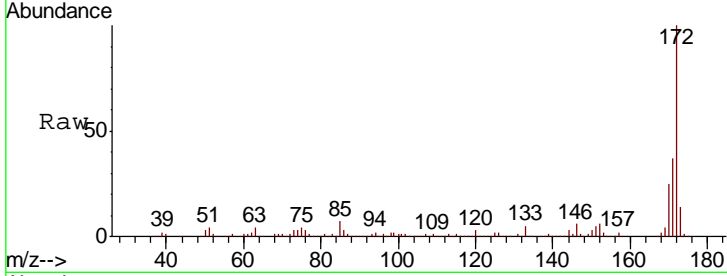




#45
 2-Fluorobiphenyl
 Concen: 113.794 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

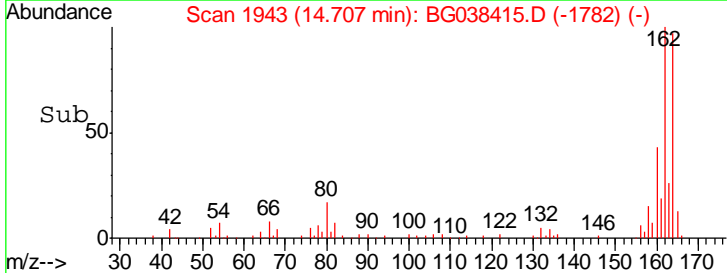
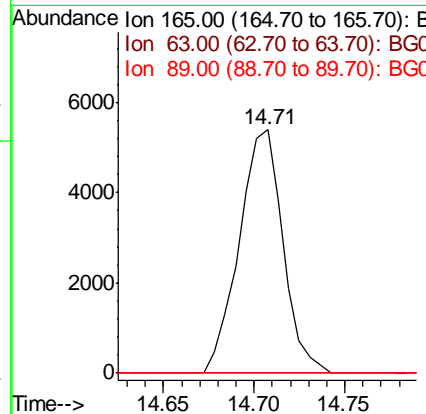
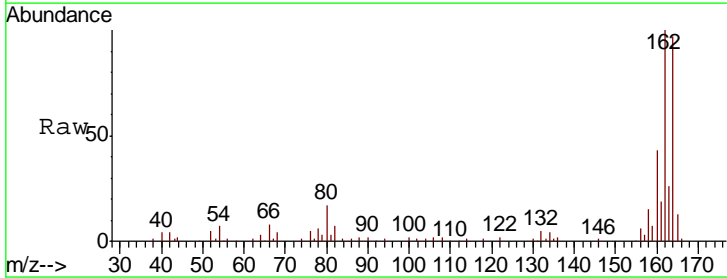
Instrument :
 BNA_G
 ClientSampled :
 SAMPLE-2

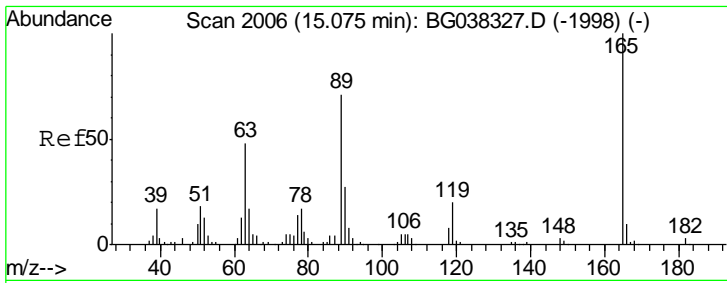
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	25.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.892 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

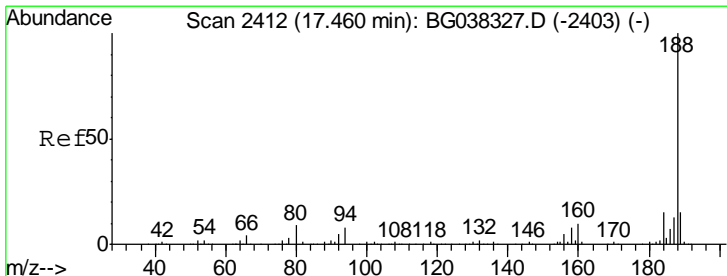
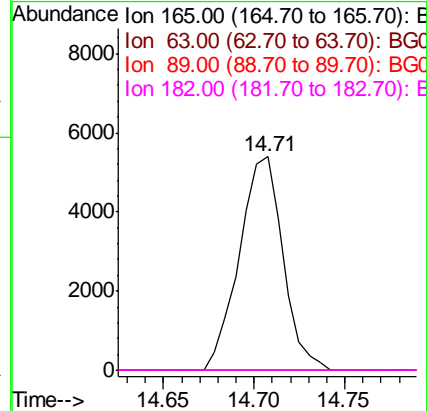
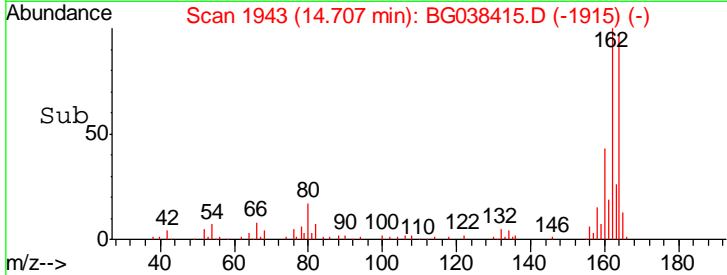
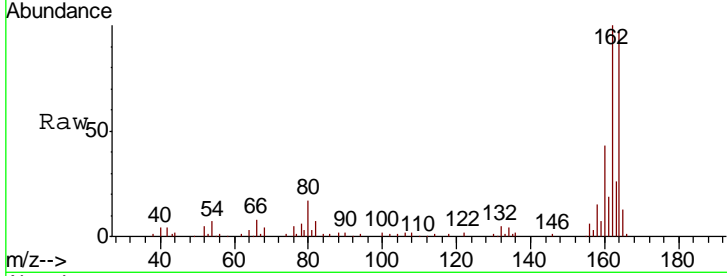




#57
 2,4-Dinitrotoluene
 Concen: 4.997 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

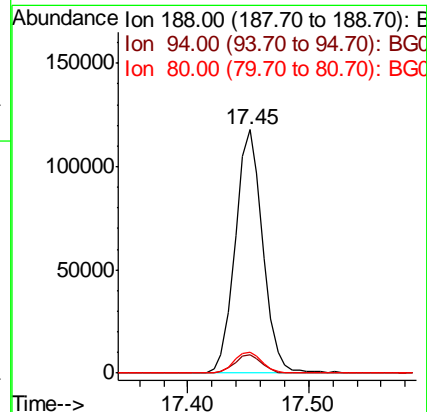
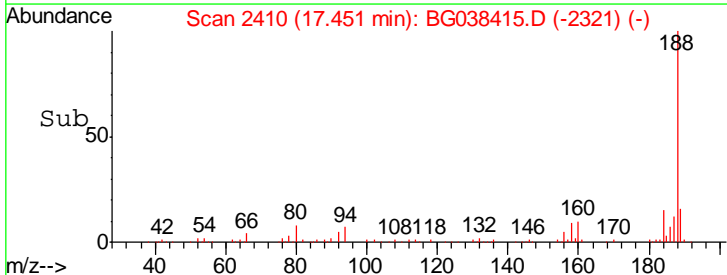
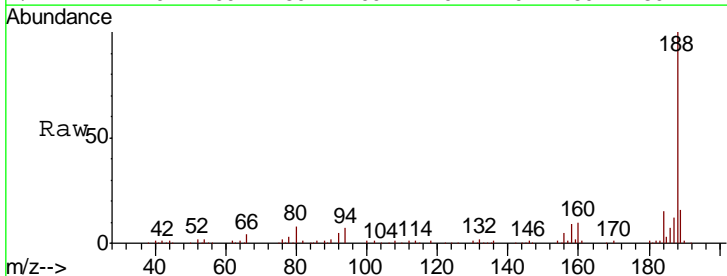
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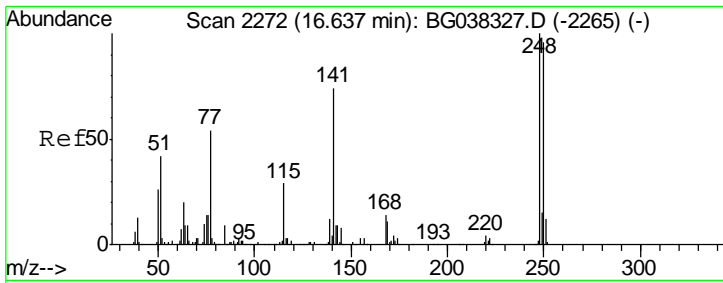
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	8.5	7.7	11.5

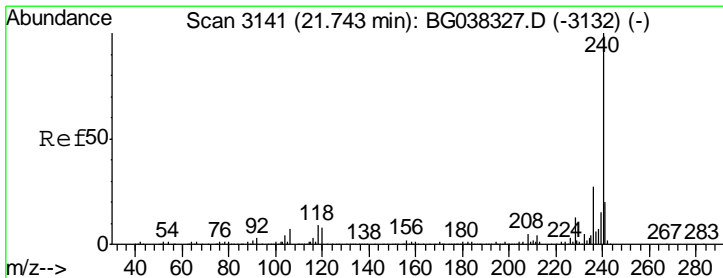
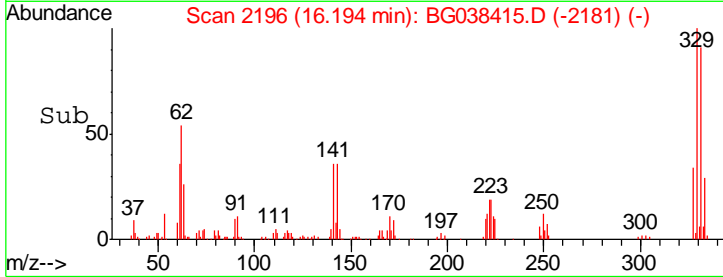
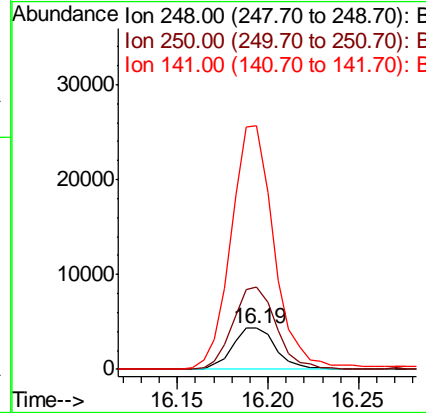
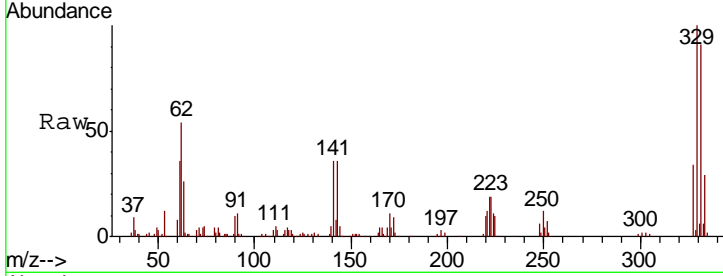




#67
 4-Bromophenyl-phenylether
 Concen: 3.593 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

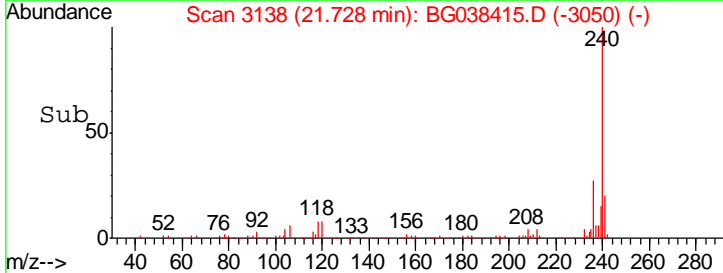
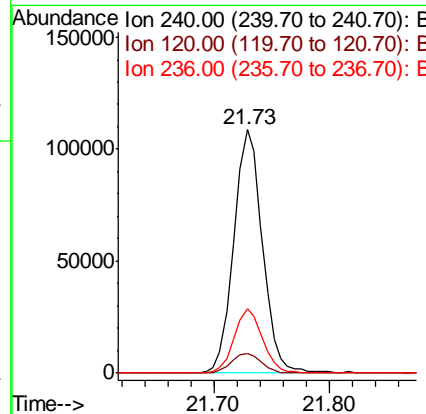
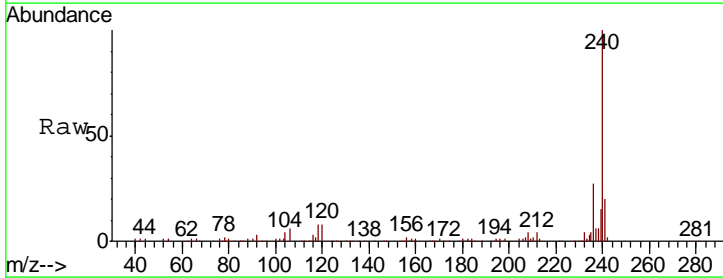
Instrument :
 BNA_G
 ClientSampled :
 SAMPLE-2

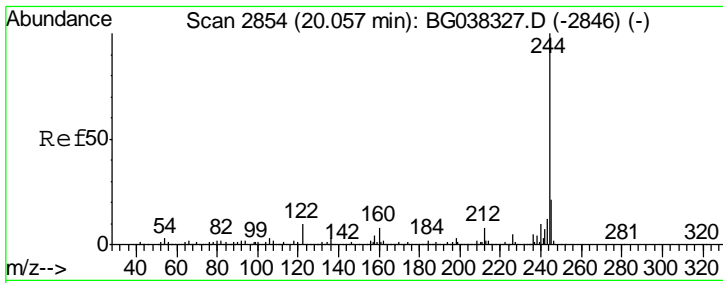
Tgt Ion	Resp	Lower	Upper
248	100		
250	190.2	77.0	115.6#
141	433.6	55.5	83.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG038415.D
 Acq: 7 Dec 2018 22:45

Tgt Ion	Resp	Lower	Upper
240	100		
120	8.2	8.1	12.1
236	26.6	21.4	32.0





#79

Terphenyl-d14

Concen: 85.445 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038415.D

Acq: 7 Dec 2018 22:45

Instrument :

BNA_G

ClientSampled :

SAMPLE-2

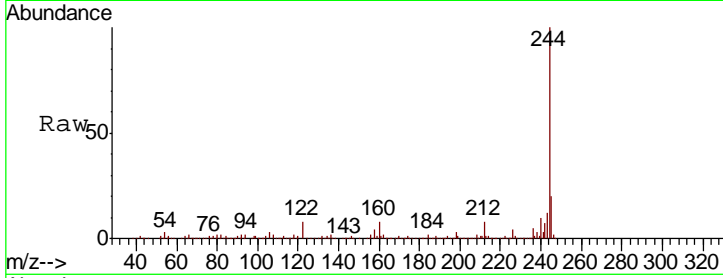
Tgt Ion:244 Resp: 746527

Ion Ratio Lower Upper

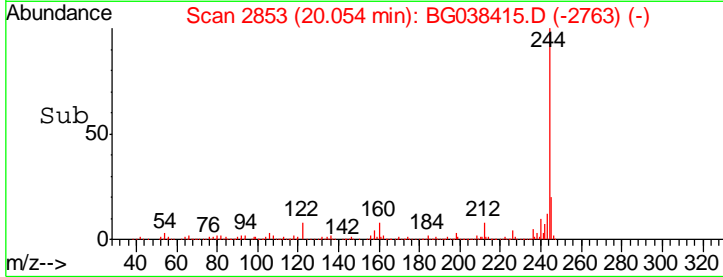
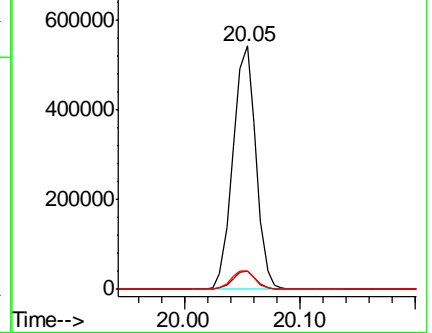
244 100

212 7.6 6.5 9.7

122 7.8 9.0 13.4#



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: 25.04 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG038415.D

Acq: 7 Dec 2018 22:45

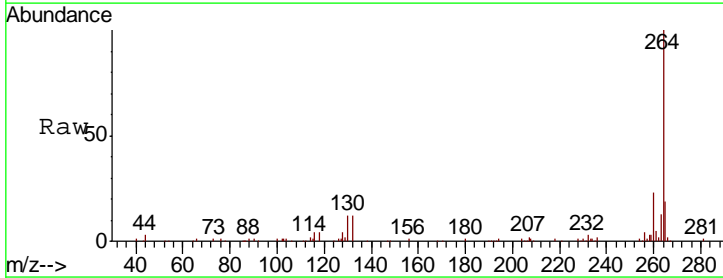
Tgt Ion:264 Resp: 188747

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 19.4 17.9 26.9



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

