

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\  
 Data File : BG038261.D  
 Acq On : 30 Nov 2018 17:22  
 Operator : JU/SJ  
 Sample : J5996-28  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AOC8-05-A

Quant Time: Dec 01 03:29:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33134	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	146997	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	89263	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	201663	20.00	ng	0.00
76) Chrysene-d12	21.75	240	187768	20.00	ng	0.00
87) Perylene-d12	25.06	264	183716	20.00	ng	-0.02

## System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	96850	50.47	ng	0.00
7) Phenol-d6	7.23	99	85116	31.07	ng	0.00
23) Nitrobenzene-d5	9.26	82	212442	77.36	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	102449	100.64	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	466349	76.11	ng	-0.01
79) Terphenyl-d14	20.06	244	717396	89.90	ng	0.00

## Target Compounds

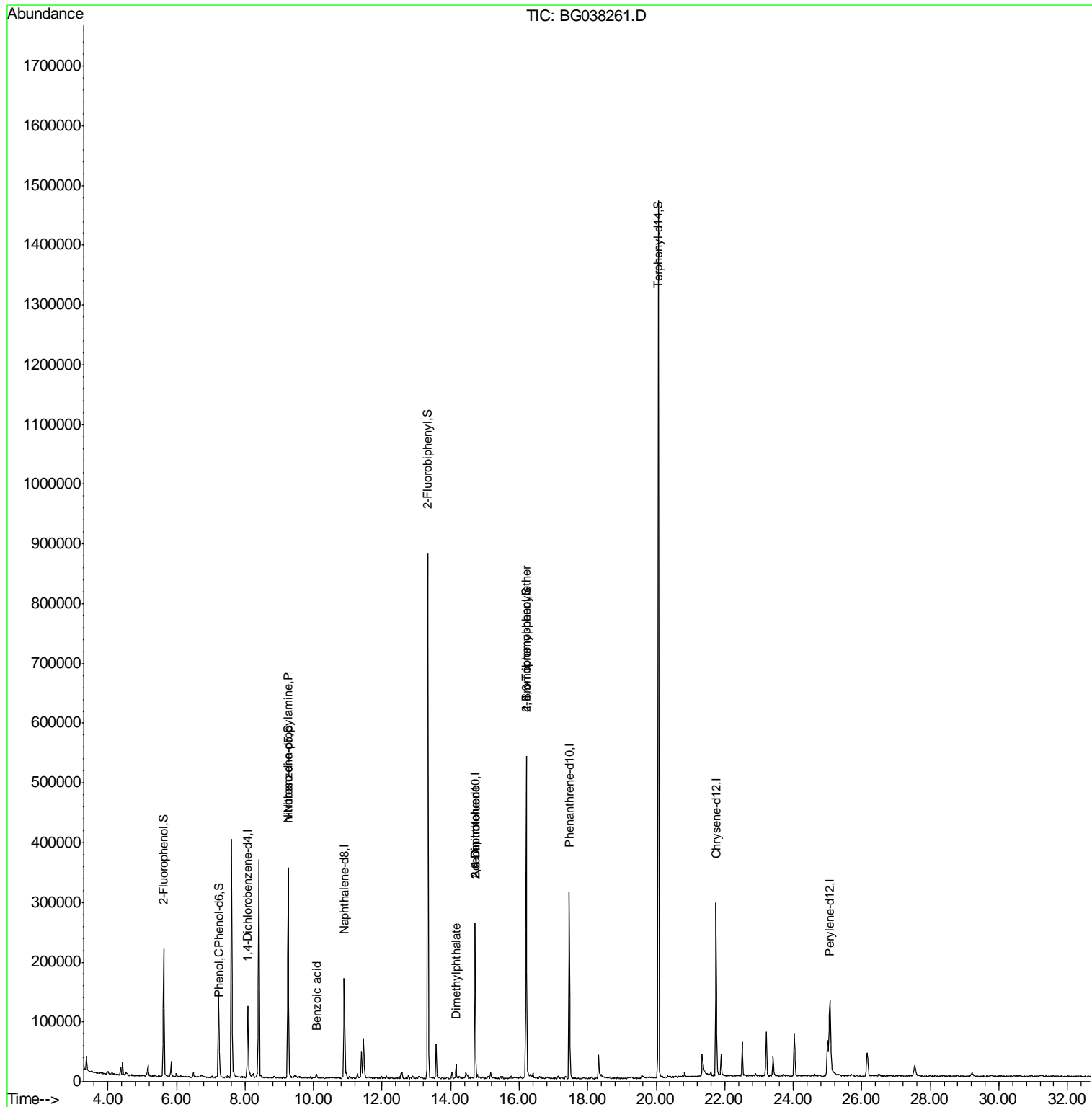
						Qvalue
10) Phenol	7.25	94	16511	5.690	ng	94
19) n-Nitroso-di-n-propylamine	9.26	70	27408	13.827	ng	# 75
32) Benzoic acid	10.10	122	59	12.365	ng	# 1
50) Dimethylphthalate	14.16	163	17073	2.413	ng	99
51) 2,6-Dinitrotoluene	14.72	165	12039	7.517	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12039	5.525	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7277	3.288	ng	# 1

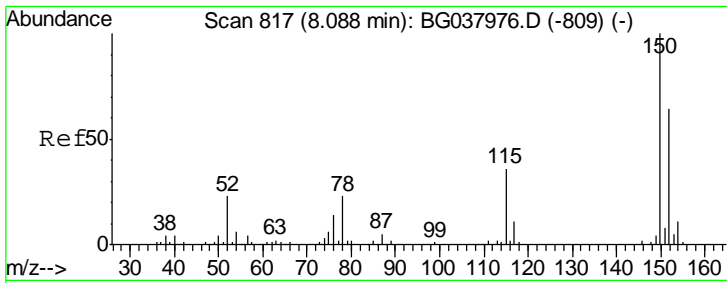
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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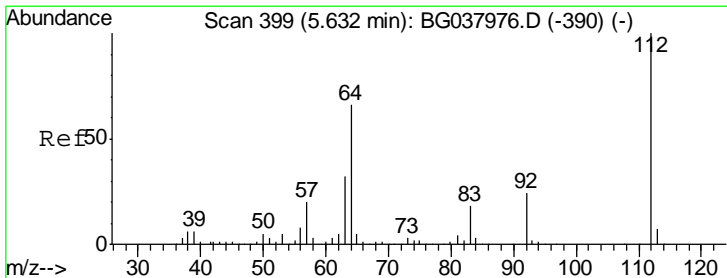
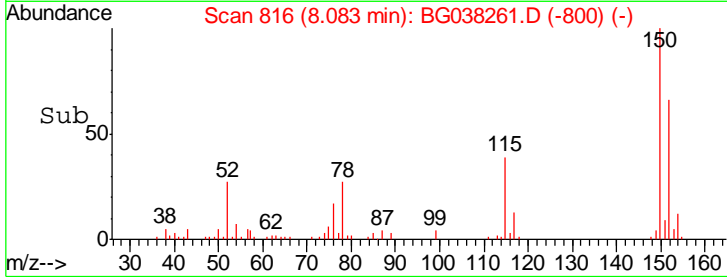
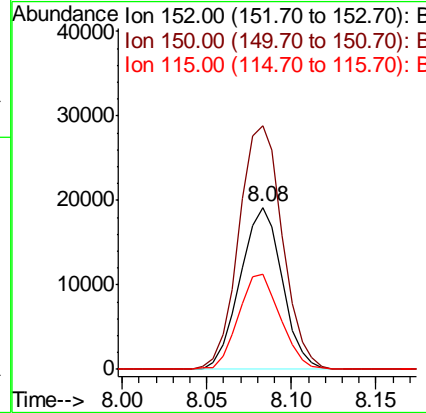
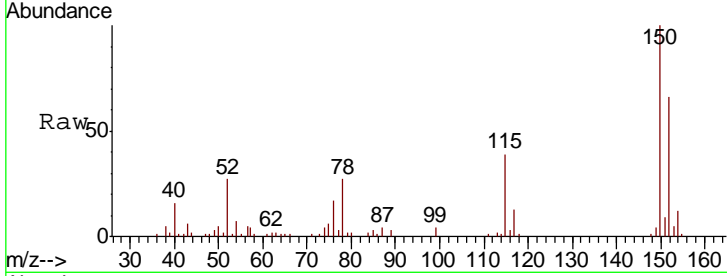




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.08 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

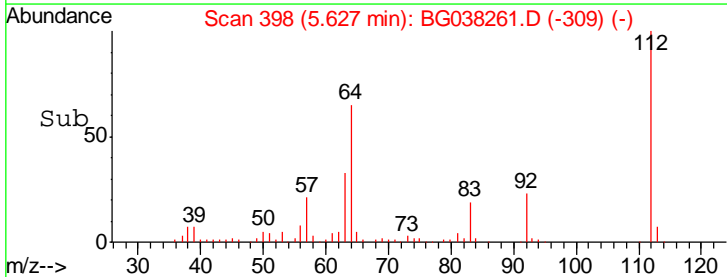
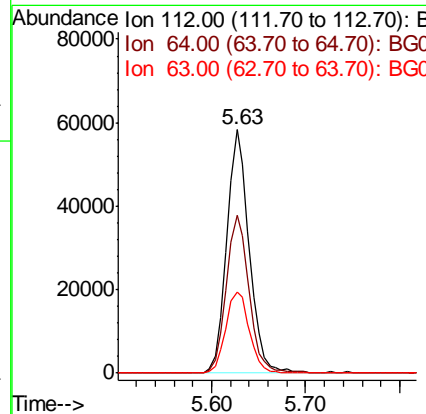
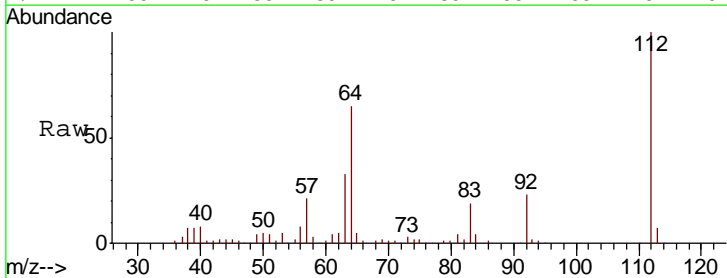
Instrument :  
 BNA\_G  
 ClientSampleID :  
 AOC8-05-A

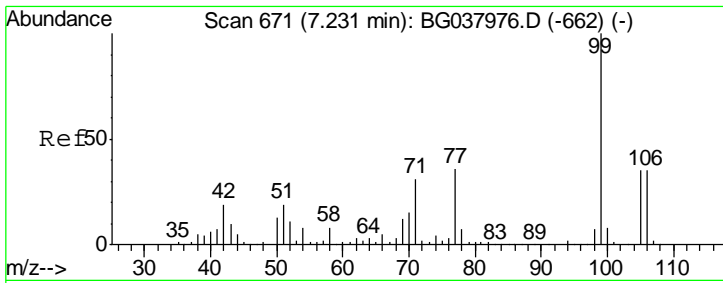
Tgt Ion	Resp	Lower	Upper
152	33134		
150	100	126.0	189.0
115	58.6	45.5	68.3



#5  
 2-Fluorophenol  
 Concen: 50.467 ng  
 RT: 5.63 min Scan# 398  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
112	96850		
64	100	53.1	79.7
63	33.0	27.3	40.9

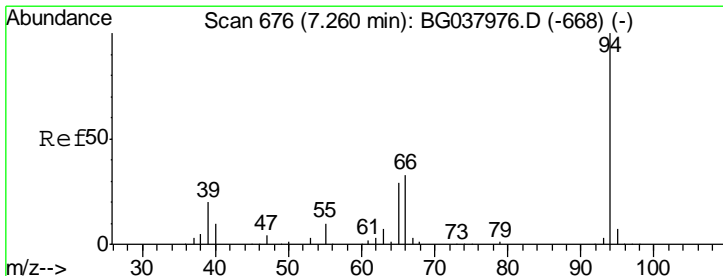
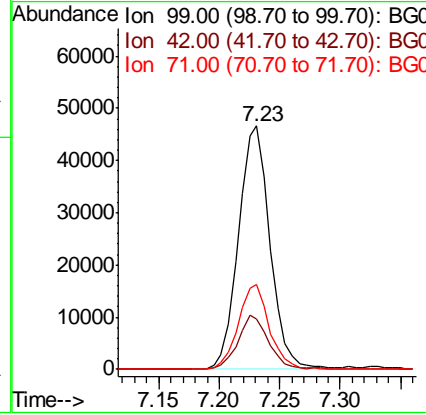
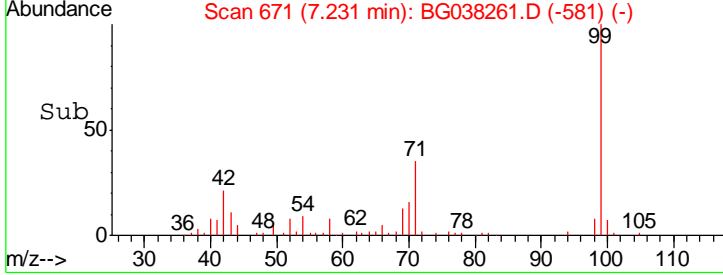
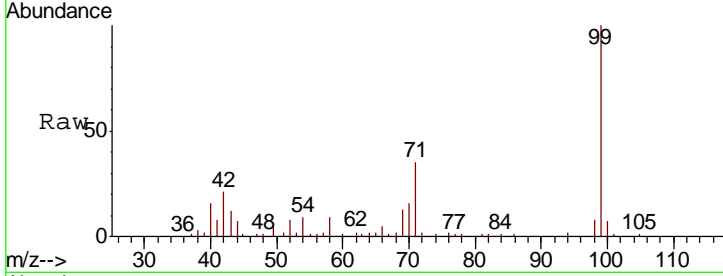




#7  
 Phenol-d6  
 Concen: 31.072 ng  
 RT: 7.23 min Scan# 671  
 Delta R.T. 0.00 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

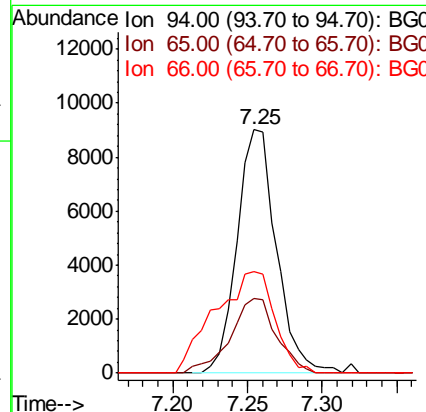
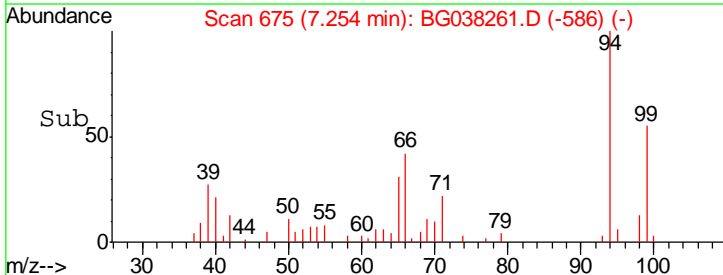
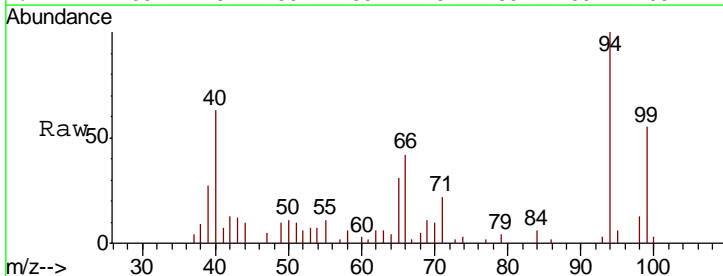
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AOC8-05-A

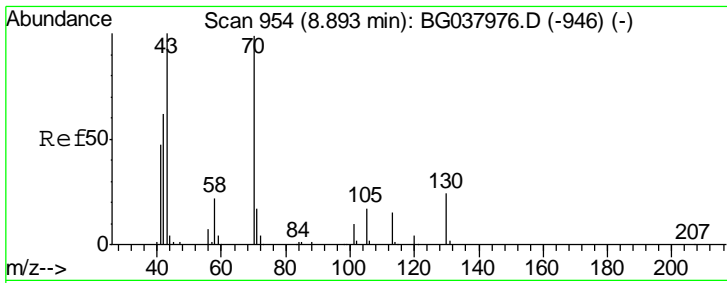
Tgt Ion	Resp	Lower	Upper
99	100		
42	20.8	15.0	22.4
71	34.7	25.5	38.3



#10  
 Phenol  
 Concen: 5.690 ng  
 RT: 7.25 min Scan# 675  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
94	100		
65	30.5	9.7	49.7
66	41.5	15.9	55.9

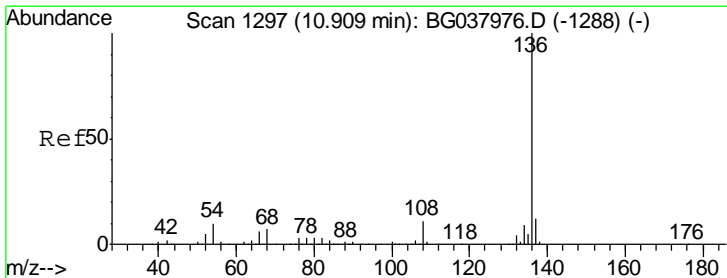
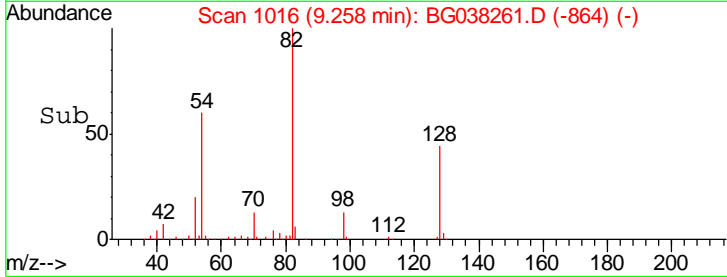
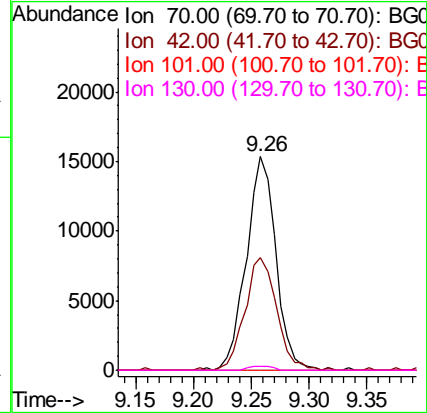
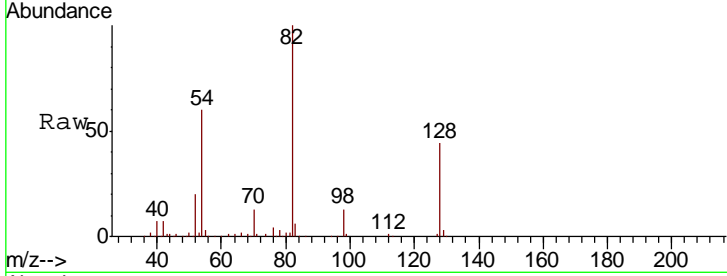




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 13.827 ng  
 RT: 9.26 min Scan# 1016  
 Delta R.T. 0.36 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

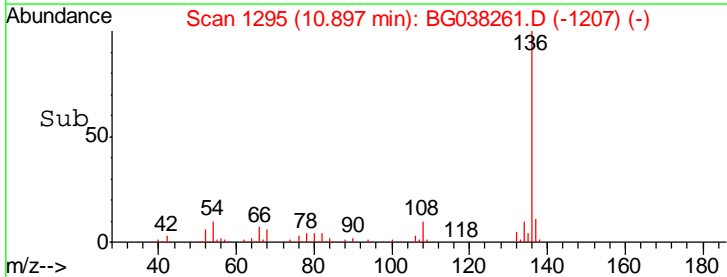
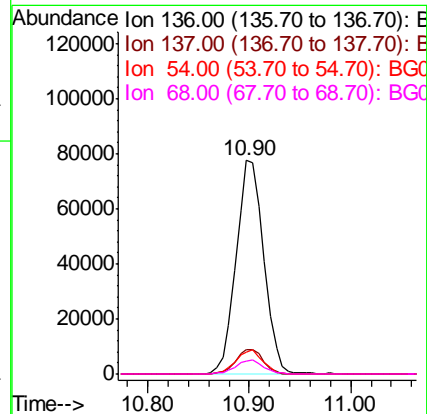
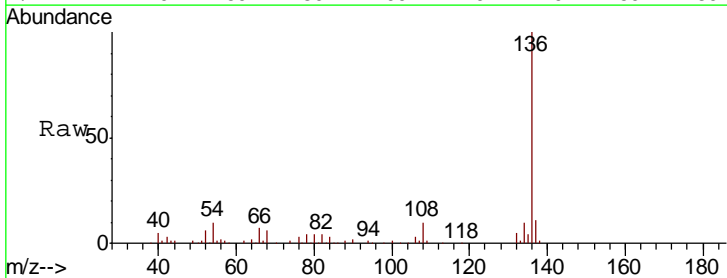
Instrument :  
 BNA\_G  
 ClientSampled :  
 AOC8-05-A

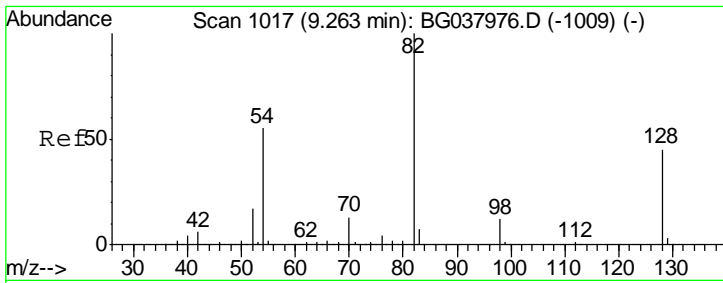
Tgt Ion	Resp	Lower	Upper
70	100		
42	52.9	53.9	80.9#
101	0.0	8.2	12.2#
130	1.8	18.2	27.4#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.90 min Scan# 1295  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.5	7.9	11.9
68	5.8	4.8	7.2

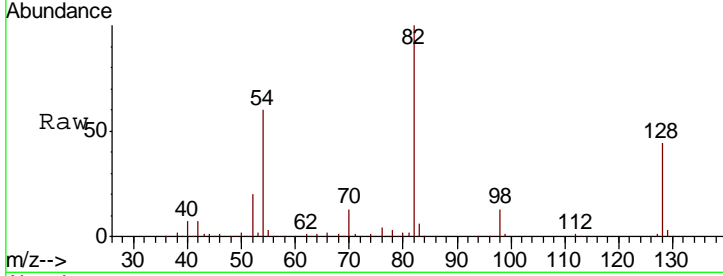




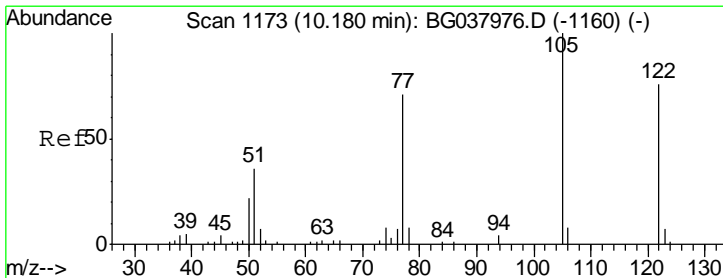
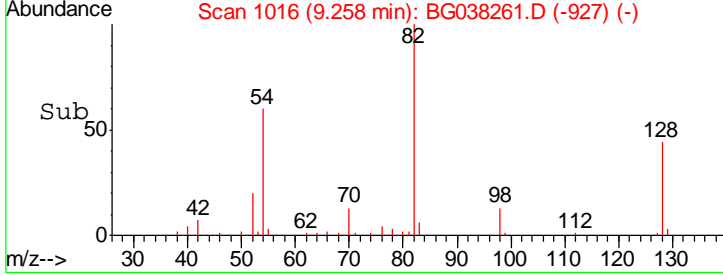
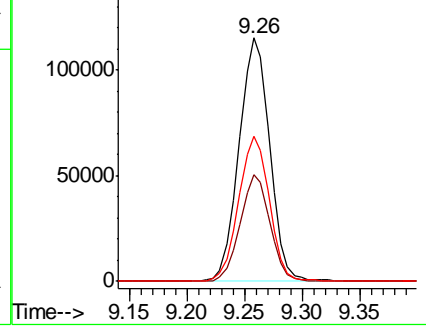
#23  
 Nitrobenzene-d5  
 Concen: 77.363 ng  
 RT: 9.26 min Scan# 1016  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 AOC8-05-A

Tgt Ion	Resp	Lower	Upper
82	212442		
128	44.1	34.6	51.8
54	59.5	45.3	67.9

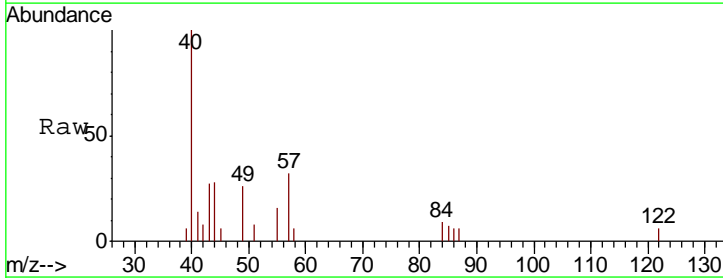


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

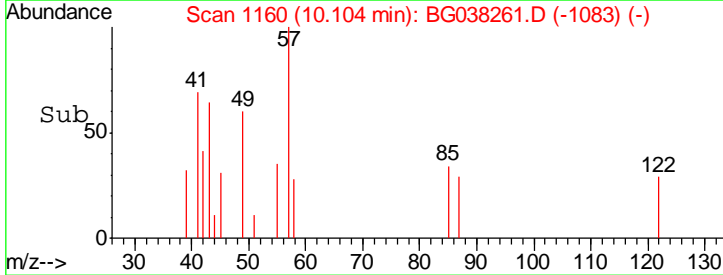
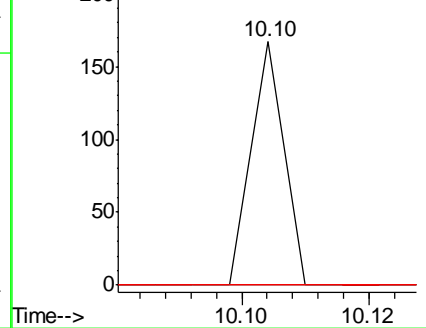


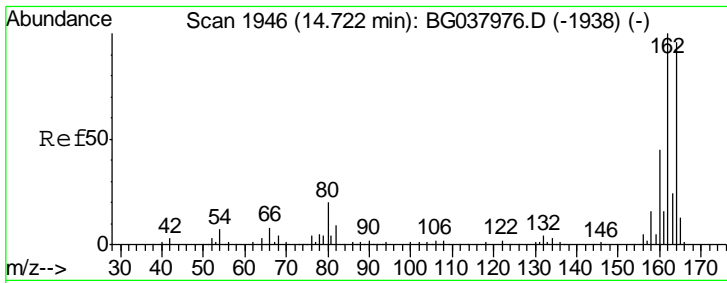
#32  
 Benzoic acid  
 Concen: 12.365 ng  
 RT: 10.10 min Scan# 1160  
 Delta R.T. -0.08 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
122	59		
105	0.0	106.7	146.7#
77	0.0	72.2	112.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC  
 Ion 105.00 (104.70 to 105.70): BGC  
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038261.D

Acq: 30 Nov 2018 17:22

Instrument :

BNA\_G

ClientSampled :

AOC8-05-A

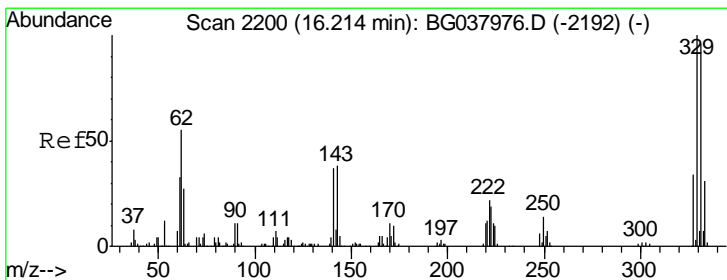
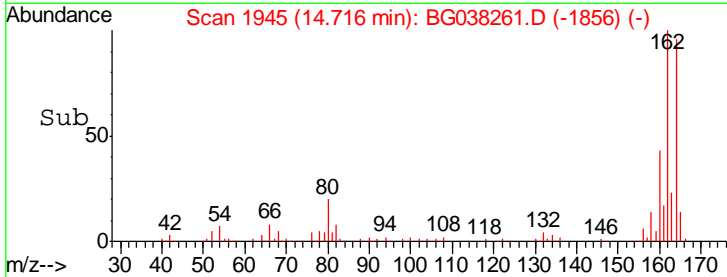
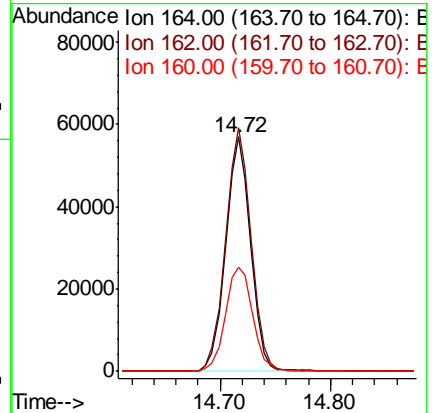
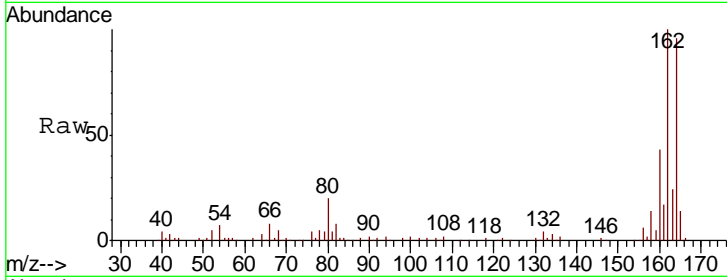
Tgt Ion:164 Resp: 89263

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 44.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 100.635 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038261.D

Acq: 30 Nov 2018 17:22

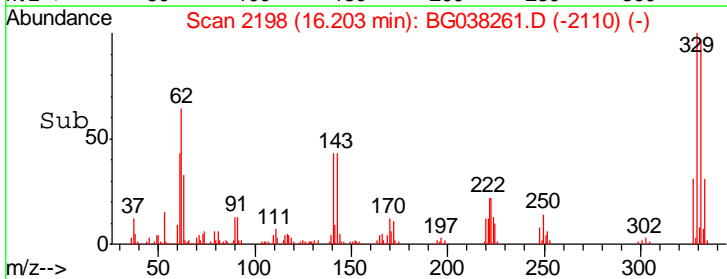
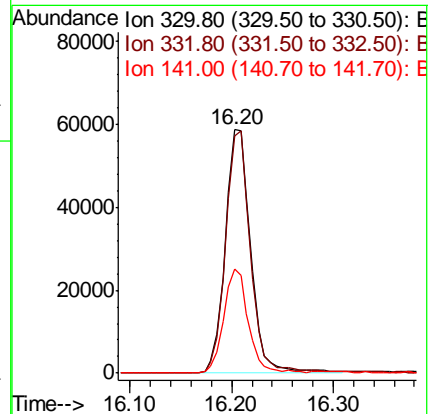
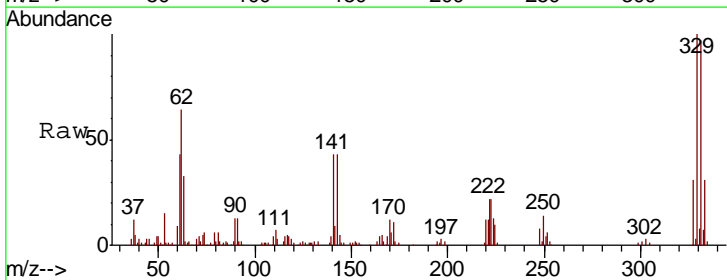
Tgt Ion:330 Resp: 102449

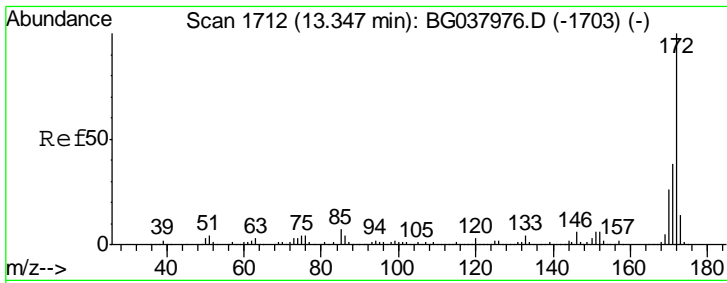
Ion Ratio Lower Upper

330 100

332 97.8 78.4 117.6

141 41.2 32.2 48.2

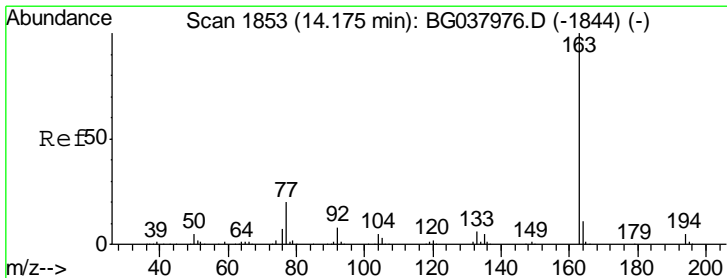
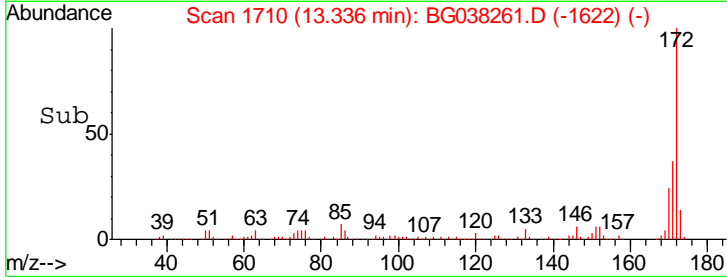
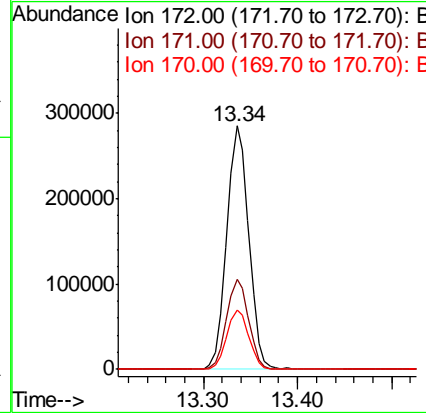
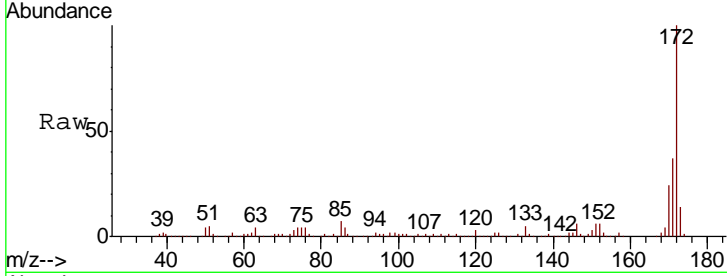




#45  
 2-Fluorobiphenyl  
 Concen: 76.112 ng  
 RT: 13.34 min Scan# 1710  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

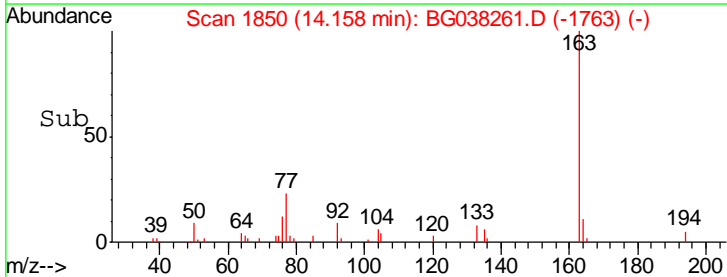
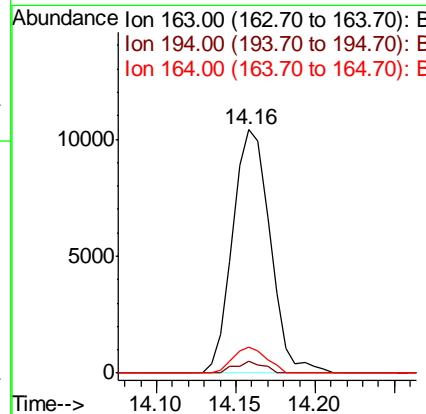
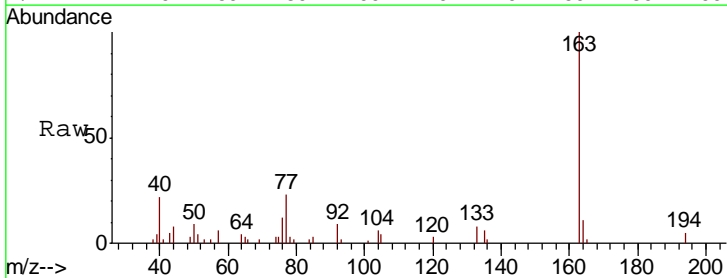
Instrument :  
 BNA\_G  
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 AOC8-05-A

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.2	20.2	30.2

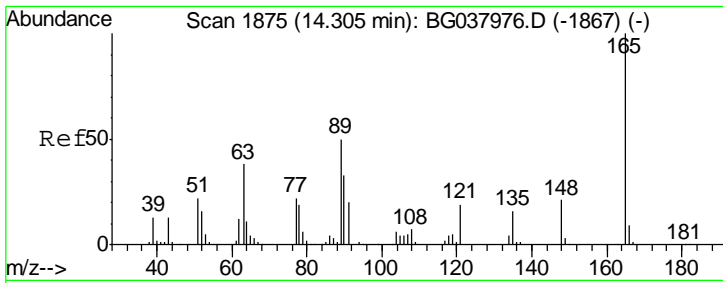


#50  
 Dimethylphthalate  
 Concen: 2.413 ng  
 RT: 14.16 min Scan# 1850  
 Delta R.T. -0.02 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	10.8	8.5	12.7



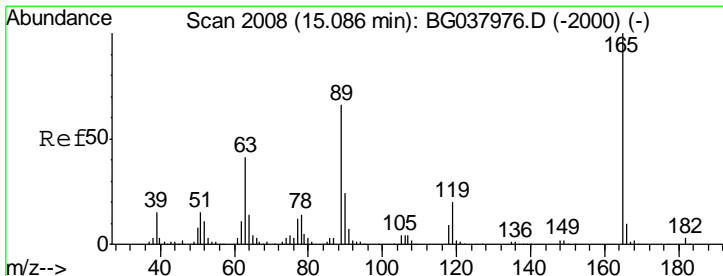
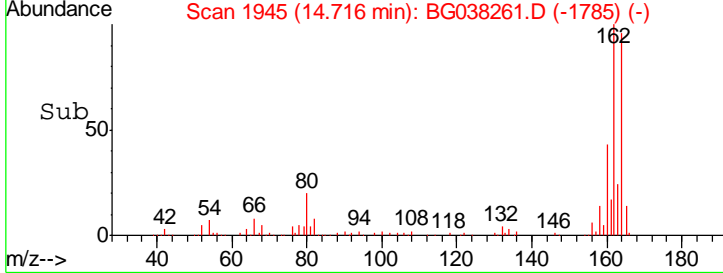
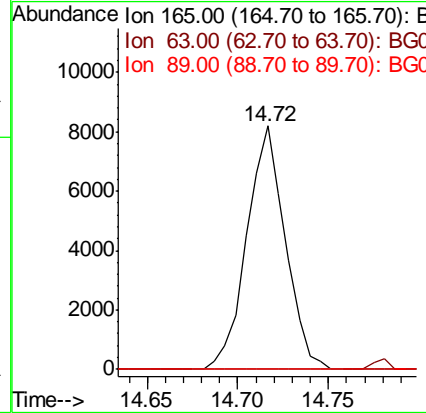
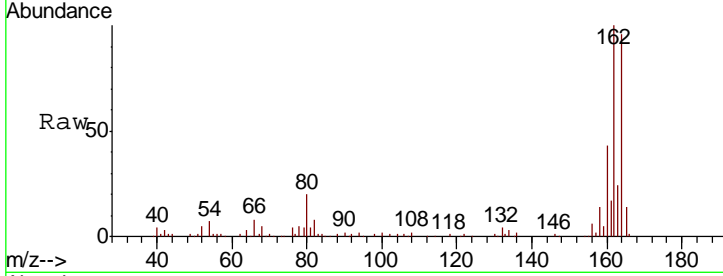




#51  
 2,6-Dinitrotoluene  
 Concen: 7.517 ng  
 RT: 14.72 min Scan# 1945  
 Delta R.T. 0.41 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

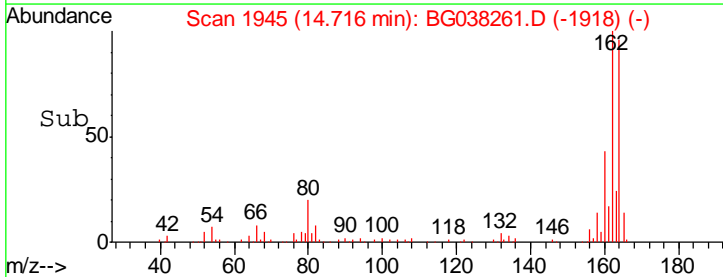
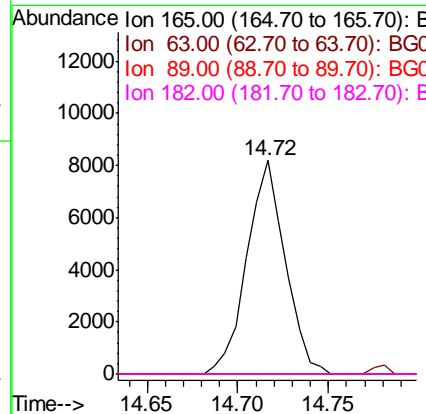
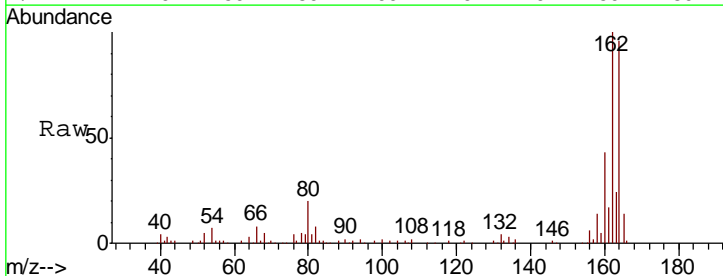
Instrument : BNA\_G  
 ClientSampled : AOC8-05-A

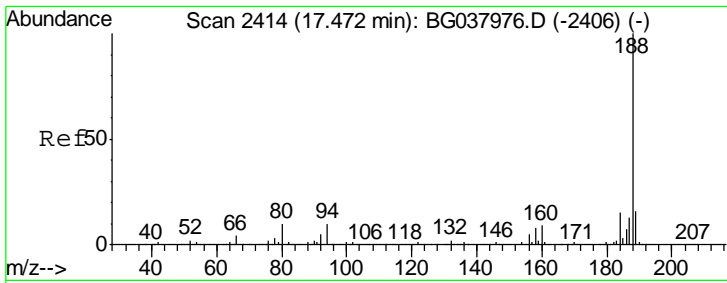
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57  
 2,4-Dinitrotoluene  
 Concen: 5.525 ng  
 RT: 14.72 min Scan# 1945  
 Delta R.T. -0.37 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

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#

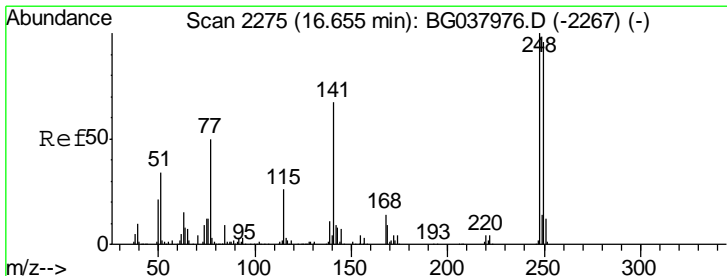
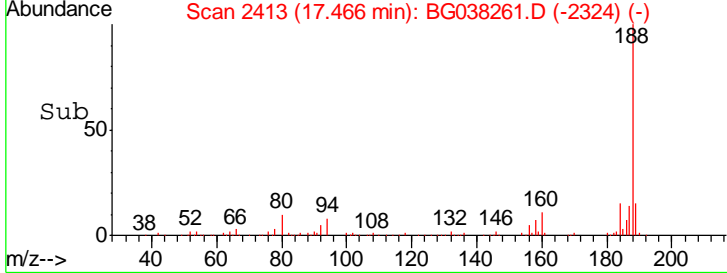
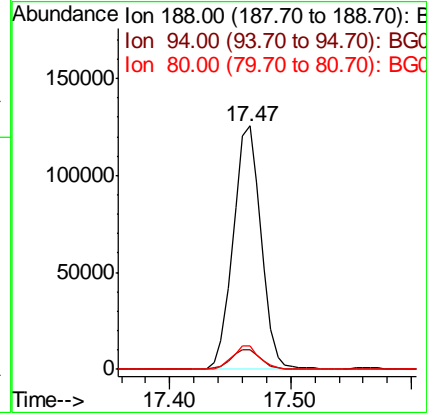
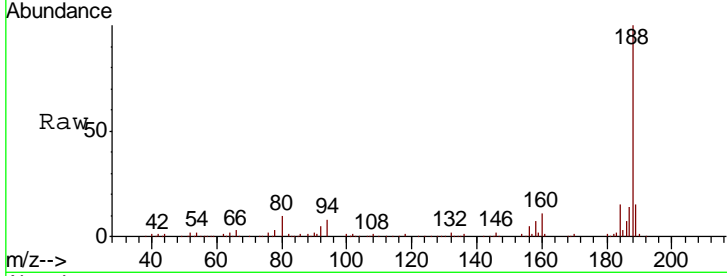




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.47 min Scan# 2413  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

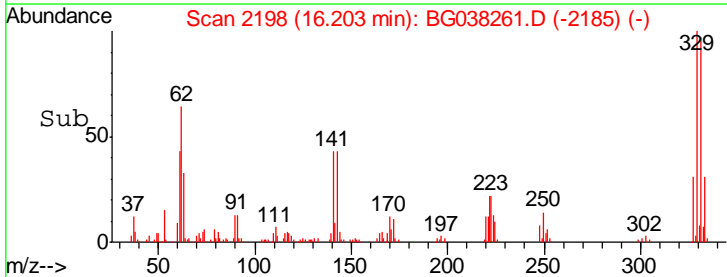
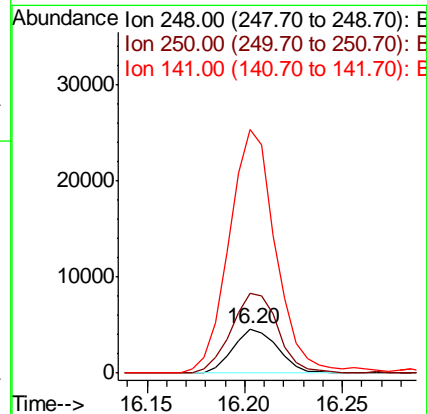
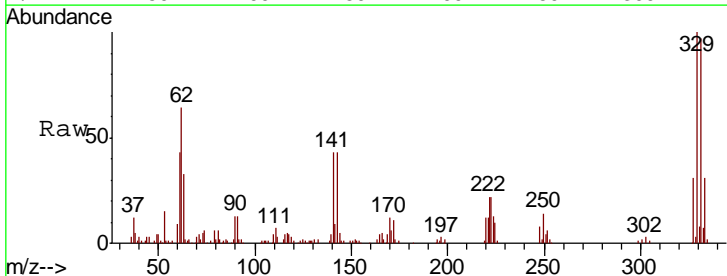
Instrument :  
 BNA\_G  
 ClientSampled :  
 AOC8-05-A

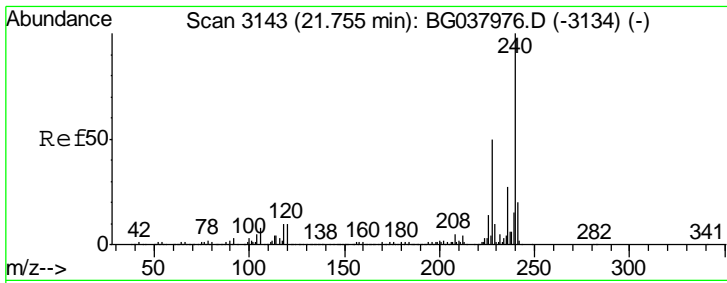
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.7	7.7	11.5



#67  
 4-Bromophenyl-phenylether  
 Concen: 3.288 ng  
 RT: 16.20 min Scan# 2198  
 Delta R.T. -0.45 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
248	100		
250	178.7	77.0	115.6#
141	419.4	55.5	83.3#

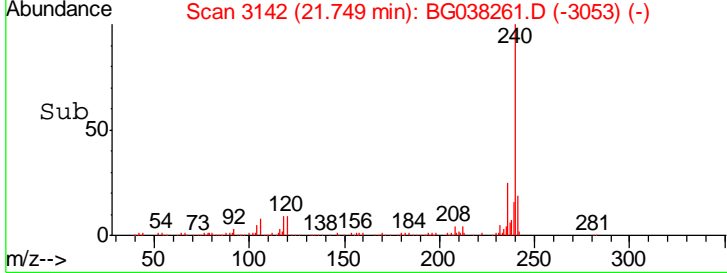
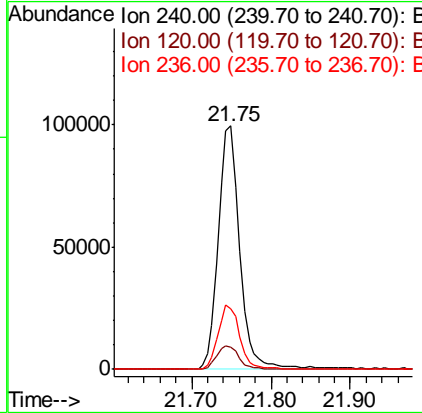
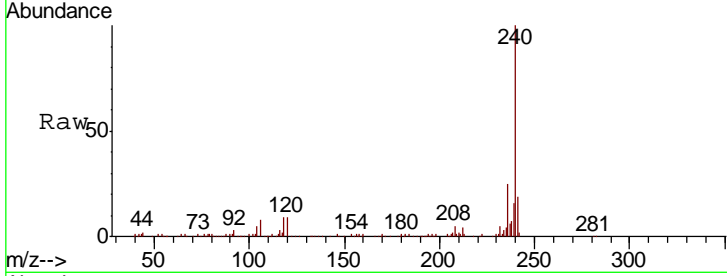




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.75 min Scan# 3142  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

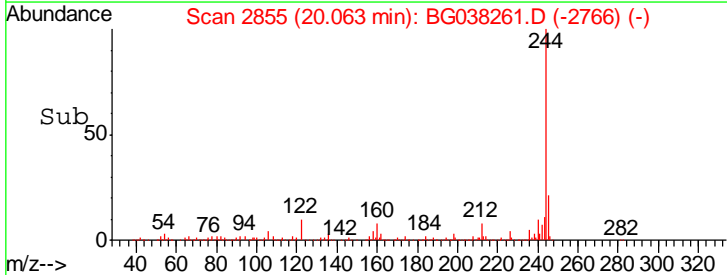
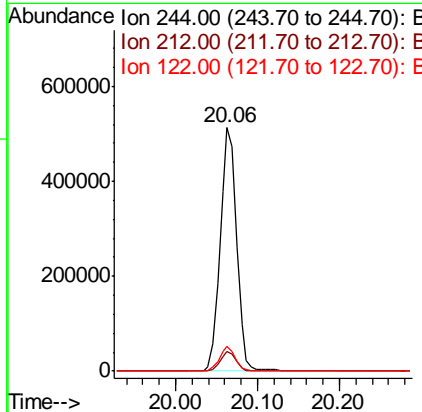
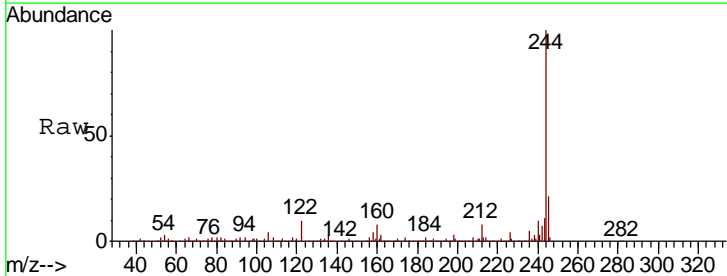
Instrument :  
 BNA\_G  
 ClientSampled :  
 AOC8-05-A

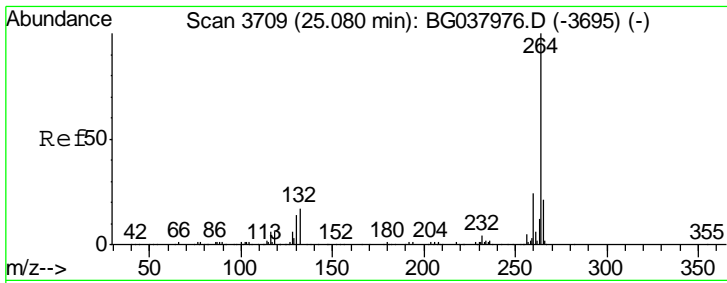
Tgt Ion	Resp	Lower	Upper
240	187768		
120	9.3	8.1	12.1
236	25.1	21.4	32.0



#79  
 Terphenyl-d14  
 Concen: 89.900 ng  
 RT: 20.06 min Scan# 2855  
 Delta R.T. -0.01 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Tgt Ion	Resp	Lower	Upper
244	717396		
212	7.9	6.5	9.7
122	10.1	9.0	13.4





#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.06 min Scan# 3706  
 Delta R.T. -0.02 min  
 Lab File: BG038261.D  
 Acq: 30 Nov 2018 17:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AOC8-05-A

Tot Ion: 264 Resp: 183716

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.3	17.9	26.9

