

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\  
 Data File : BG043056.D  
 Acq On : 5 Oct 2019 15:32  
 Operator : JU  
 Sample : K5193-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20190879-COMPOSITE-K

Quant Time: Oct 06 23:54:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 25 15:35:52 2019  
 Response via : Initial Calibration

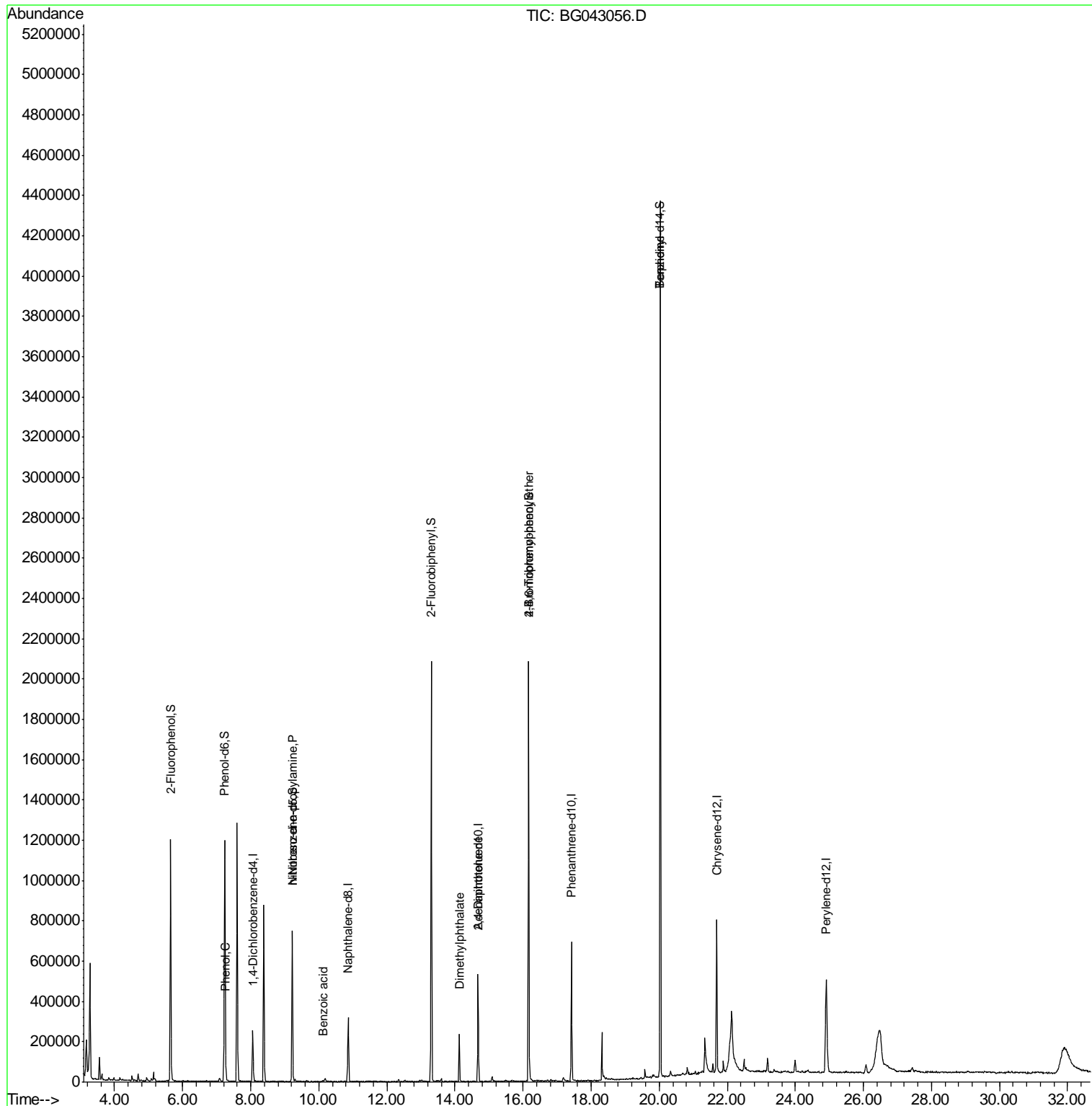
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	73396	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	273052	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	188843	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	436324	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	465624	20.00	ng	-0.03
87) Perylene-d12	24.91	264	536319	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	511231	124.31	ng	0.00
7) Phenol-d6	7.24	99	720091	121.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	465587	82.88	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	453342	139.61	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1126008	86.44	ng	-0.02
79) Terphenyl-d14	20.03	244	2074370	94.93	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	43595	8.023	ng	96
19) n-Nitroso-di-n-propylamine	9.22	70	64636	16.621	ng	# 71
32) Benzoic acid	10.13	122	2762	3.904	ng	# 64
50) Dimethylphthalate	14.13	163	161039	11.381	ng	98
57) 2,4-Dinitrotoluene	14.68	165	25387	5.753	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	30374	5.546	ng	# 1
77) Benzidine	20.03	184	33499	2.873	ng	# 89

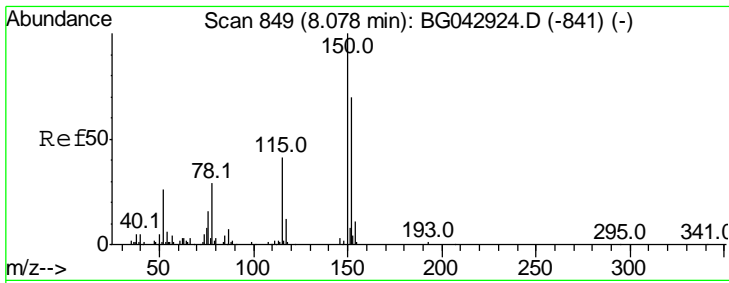
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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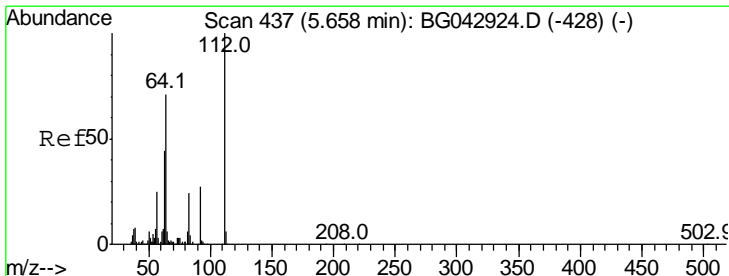
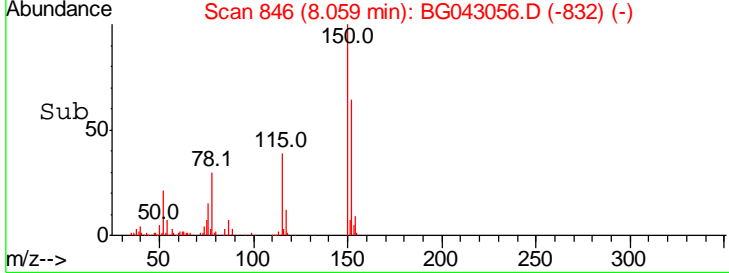
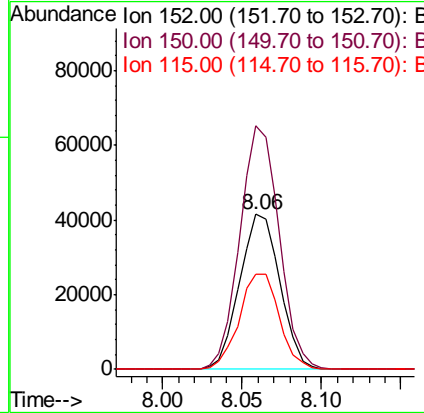
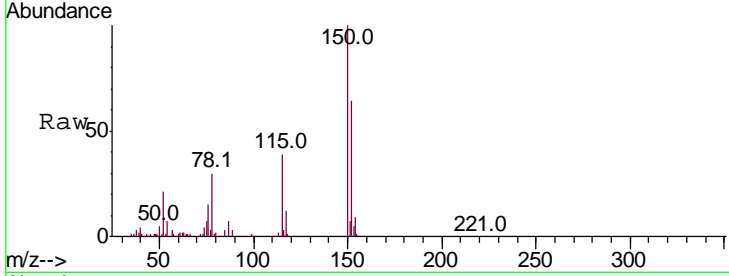




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. -0.02 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

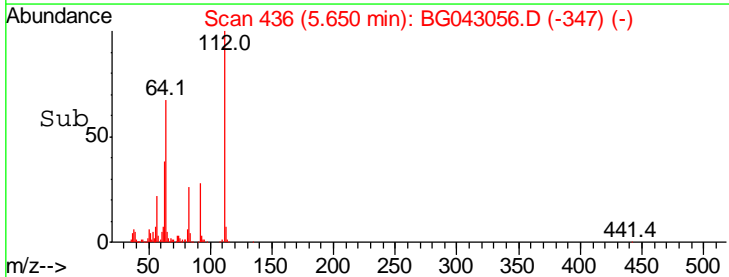
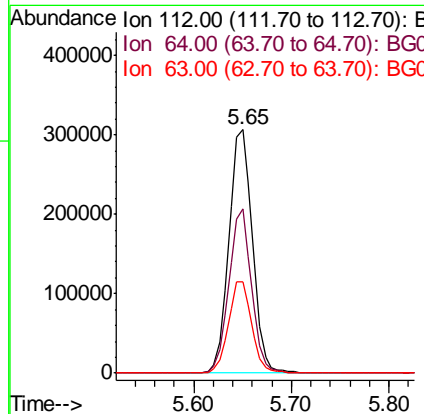
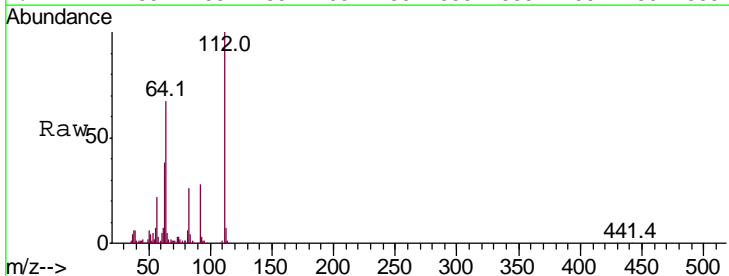
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 BNA\_G  
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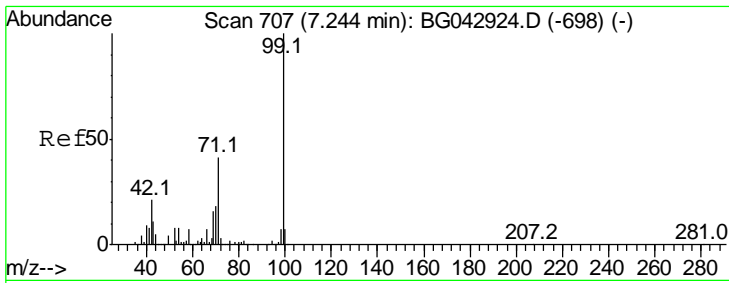
Tgt Ion	Resp	Lower	Upper
152	73396		
152	100		
150	157.0	115.0	172.4
115	61.0	47.0	70.6



#5  
 2-Fluorophenol  
 Concen: 124.306 ng  
 RT: 5.65 min Scan# 436  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
112	511231		
112	100		
64	67.2	56.6	84.8
63	37.7	35.1	52.7

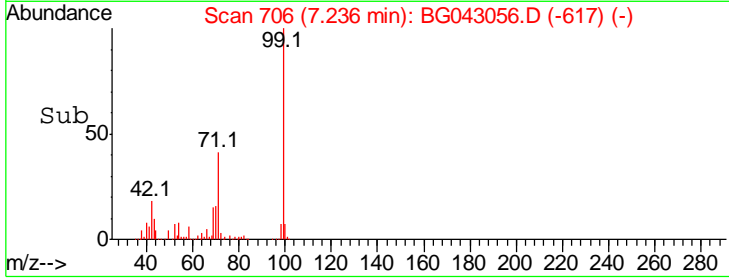
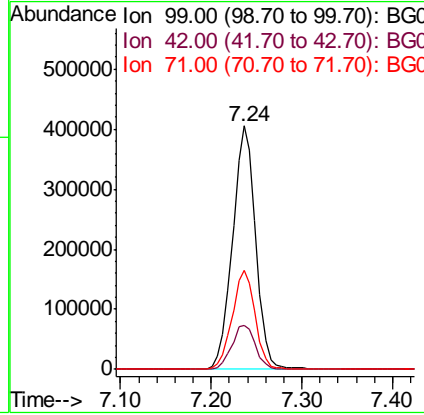
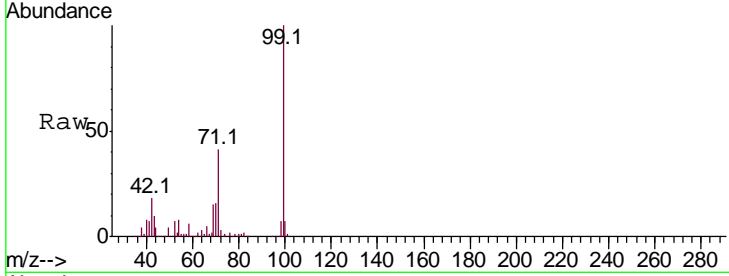




#7  
 Phenol-d6  
 Concen: 121.585 ng  
 RT: 7.24 min Scan# 706  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

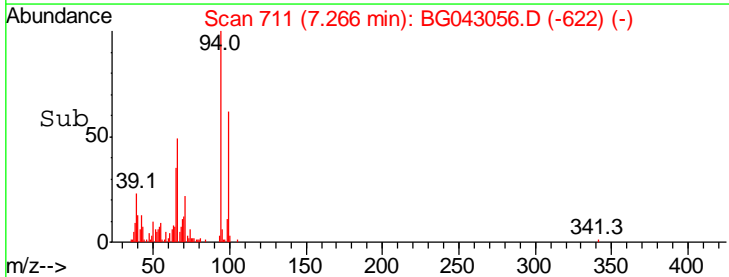
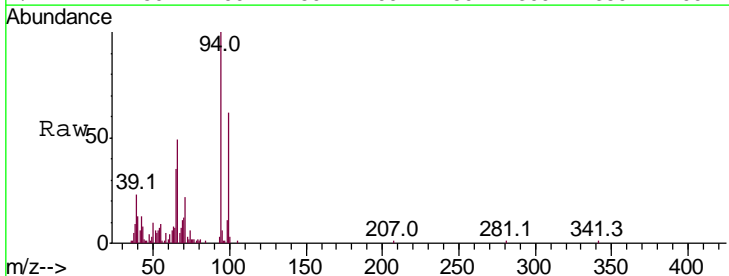
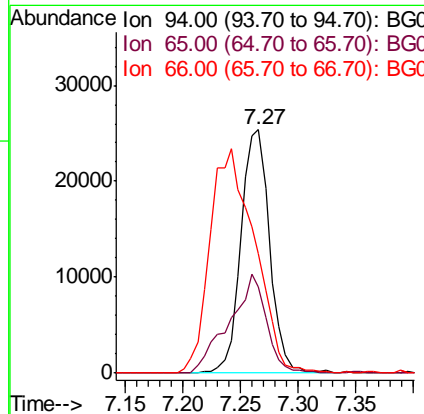
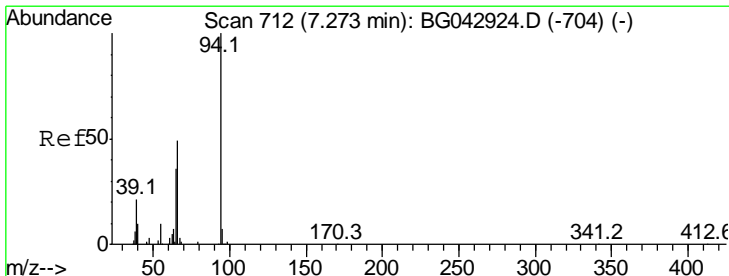
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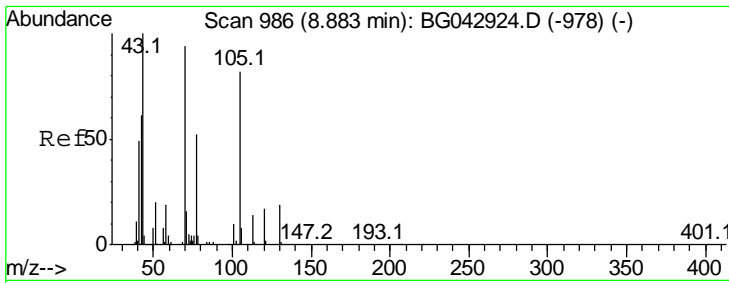
Tgt Ion	Resp	Lower	Upper
99	100		
42	18.2	17.2	25.8
71	40.8	33.1	49.7



#10  
 Phenol  
 Concen: 8.023 ng  
 RT: 7.27 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
94	100		
65	35.2	16.6	56.6
66	49.2	32.4	72.4

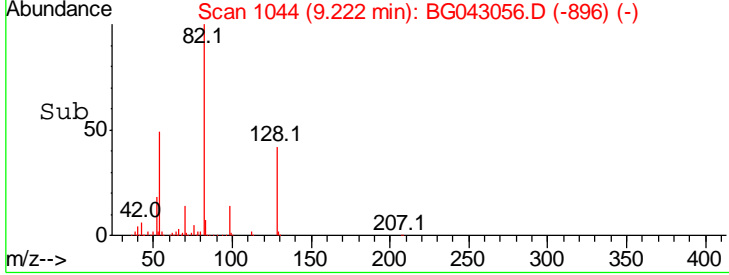
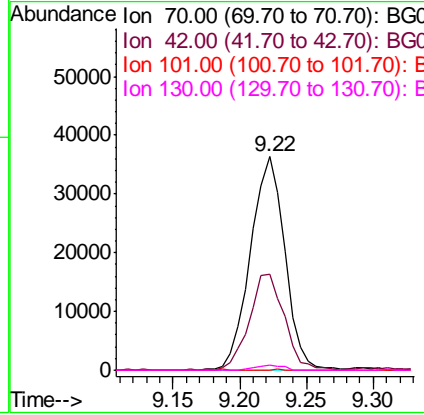
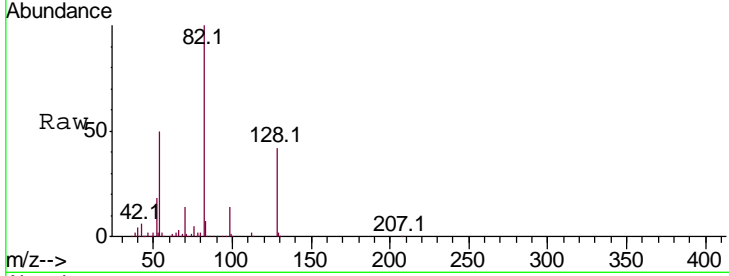




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 16.621 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.34 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

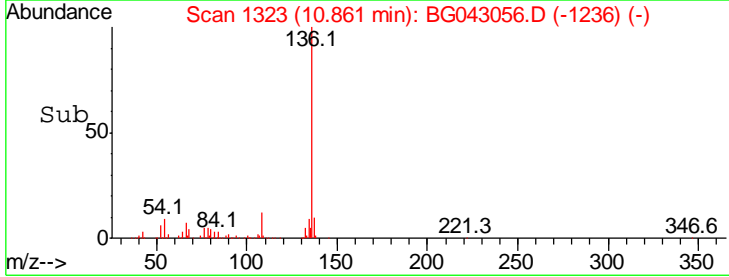
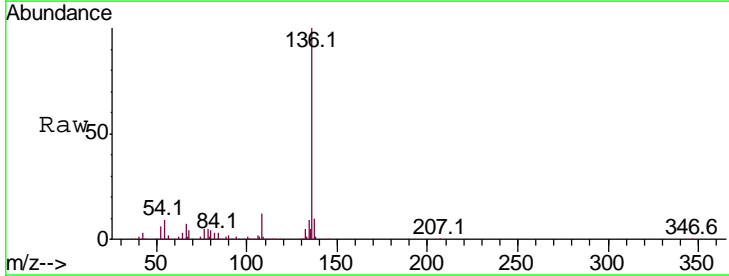
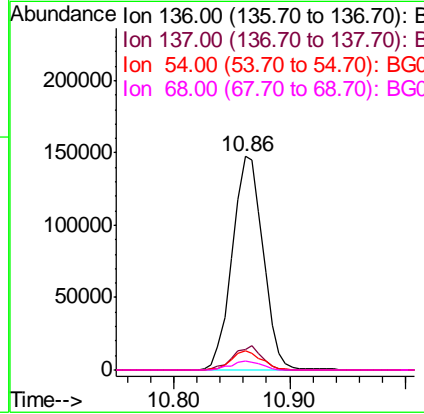
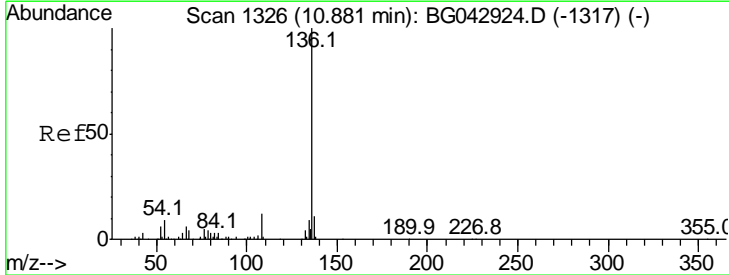
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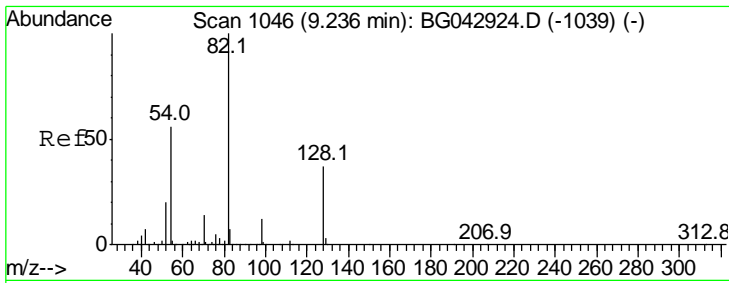
Tgt Ion	Resp	Lower	Upper
70	100		
42	45.1	52.6	79.0#
101	0.0	8.7	13.1#
130	2.5	15.8	23.8#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.86 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
136	100		
137	9.9	8.5	12.7
54	8.7	7.4	11.2
68	4.5	3.6	5.4

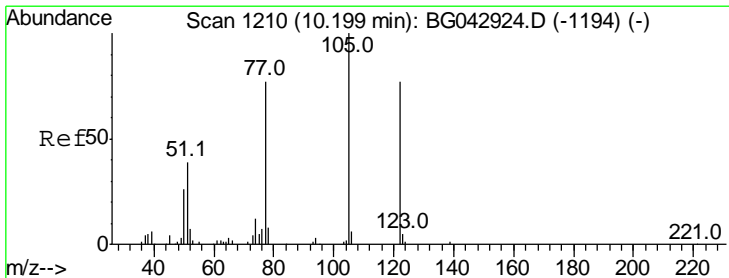
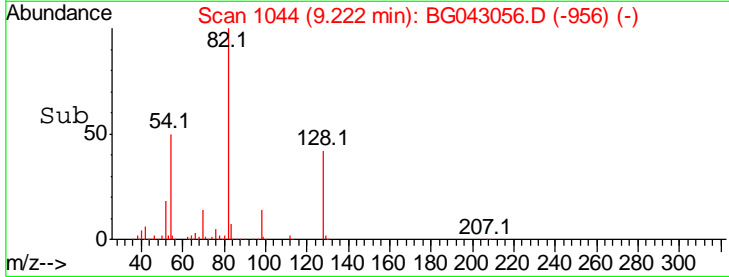
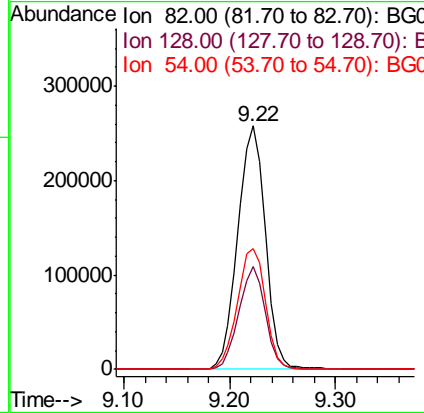
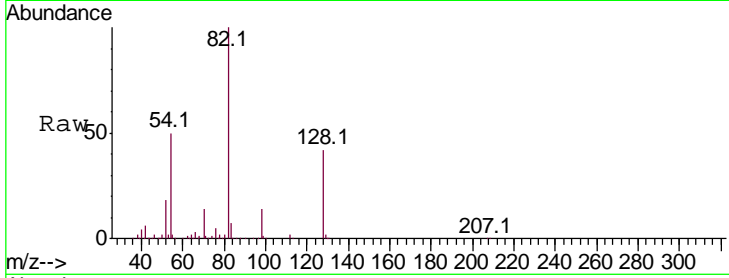




#23  
 Nitrobenzene-d5  
 Concen: 82.878 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

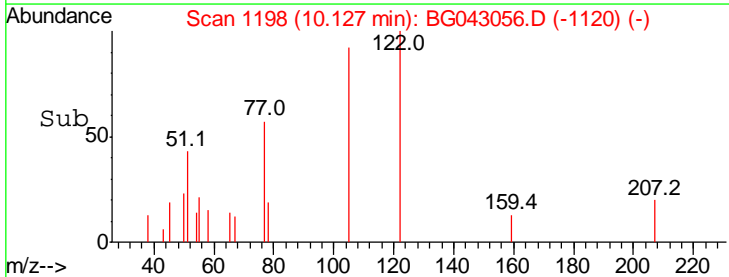
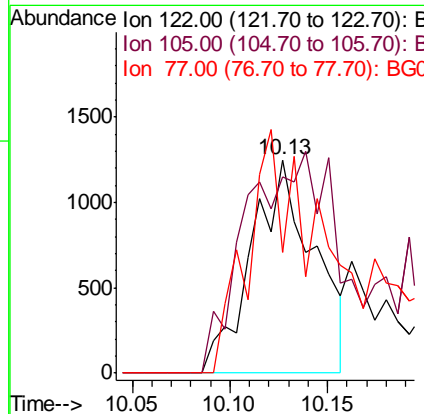
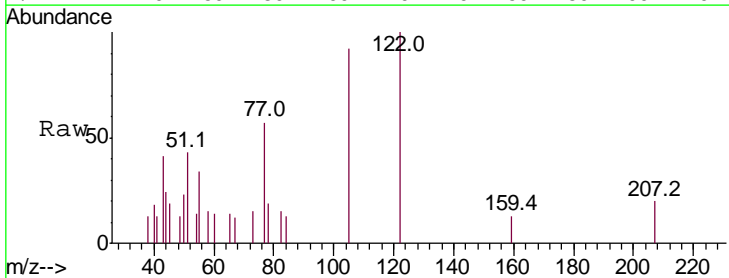
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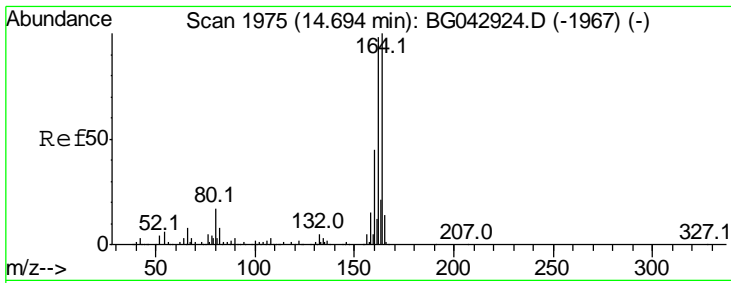
Tgt Ion	Resp	Lower	Upper
82	465587		
128	42.4	29.5	44.3
54	49.6	44.6	67.0



#32  
 Benzoic acid  
 Concen: 3.904 ng  
 RT: 10.13 min Scan# 1198  
 Delta R.T. -0.07 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
122	2762		
105	92.4	107.5	147.5#
77	56.8	79.8	119.8#

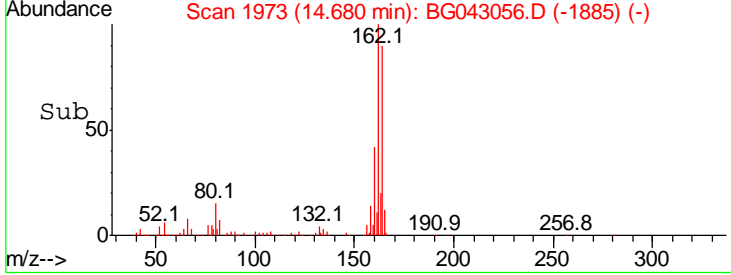
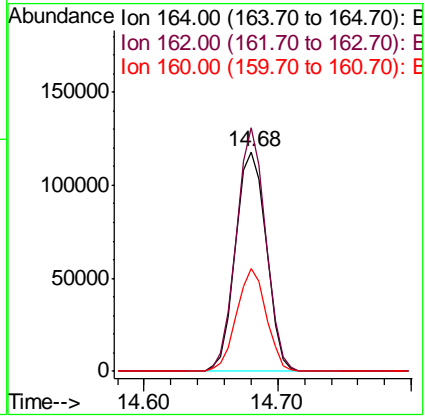
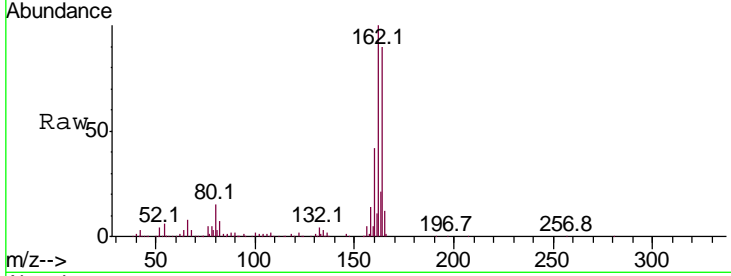




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.68 min Scan# 1973  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

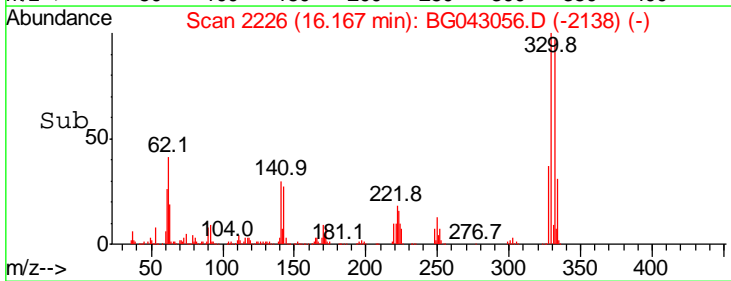
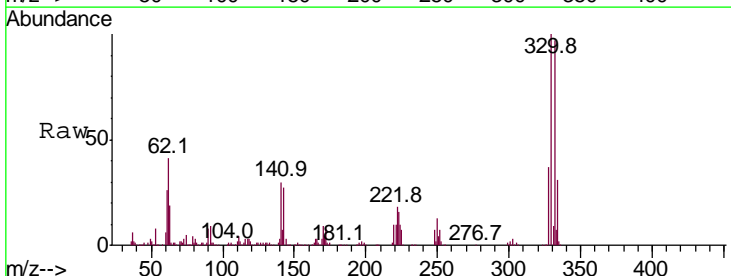
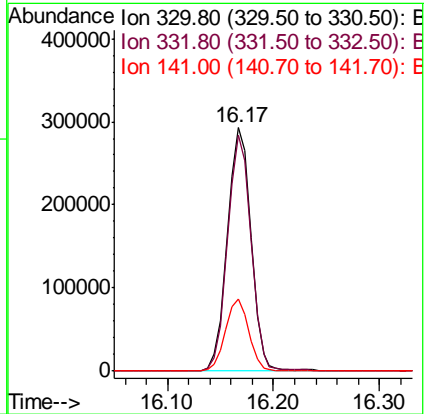
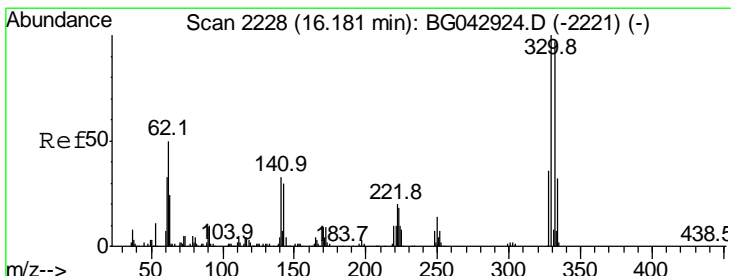
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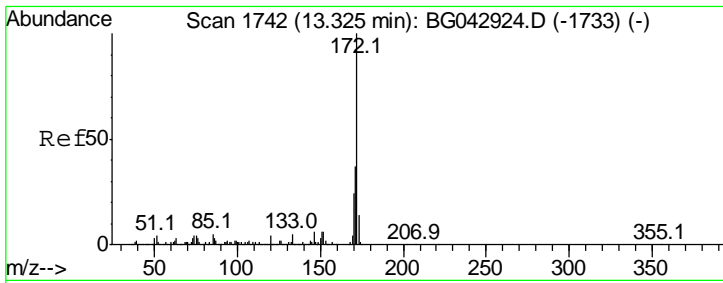
Tgt Ion	Resp	Lower	Upper
164	188843		
162	110.9	78.5	117.7
160	46.9	35.9	53.9



#42  
 2,4,6-Tribromophenol  
 Concen: 139.607 ng  
 RT: 16.17 min Scan# 2226  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
330	453342		
332	96.0	78.2	117.2
141	29.5	26.0	39.0



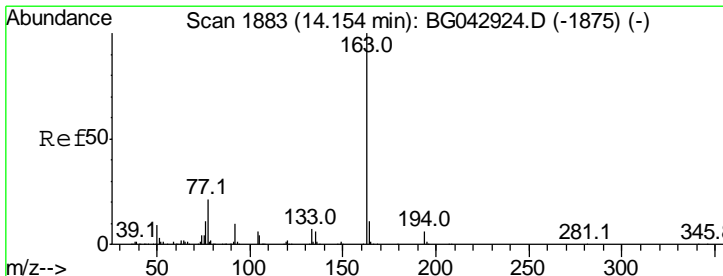
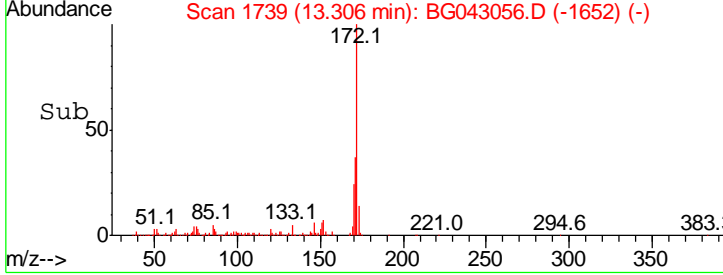
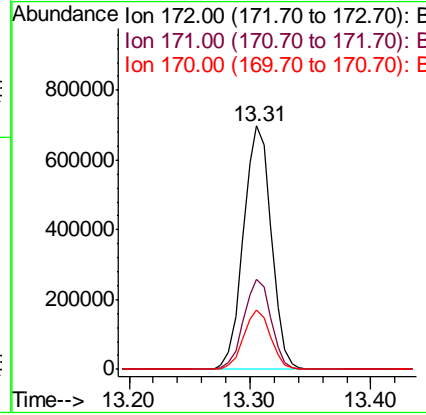
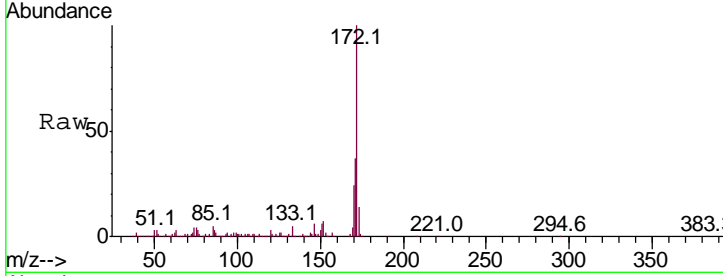


#45  
 2-Fluorobiphenyl  
 Concen: 86.441 ng  
 RT: 13.31 min Scan# 1739  
 Delta R.T. -0.02 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Instrument :  
 BNA\_G  
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Tgt Ion:172 Resp: 1126008

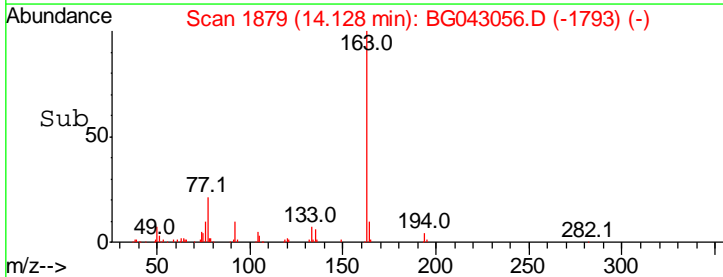
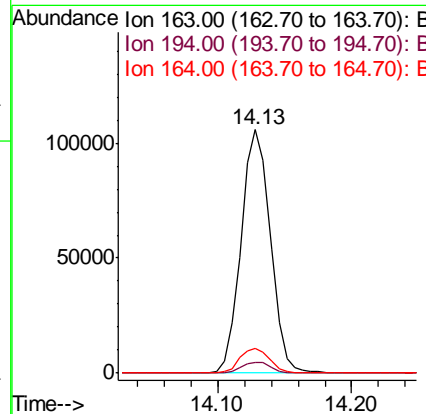
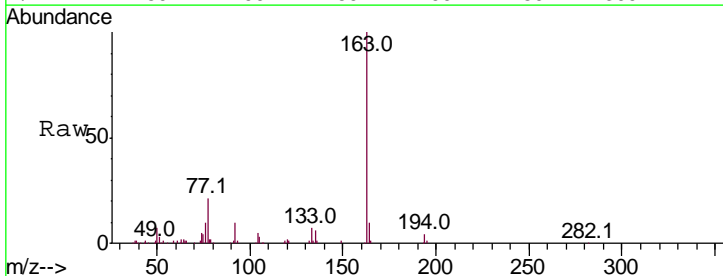
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.4	19.6	29.4



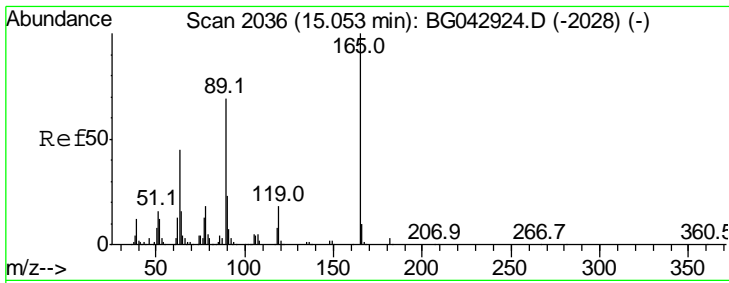
#50  
 Dimethylphthalate  
 Concen: 11.381 ng  
 RT: 14.13 min Scan# 1879  
 Delta R.T. -0.03 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion:163 Resp: 161039

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.4	6.6
164	10.1	8.6	12.8



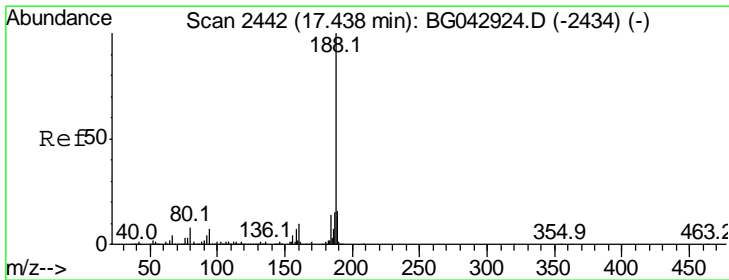
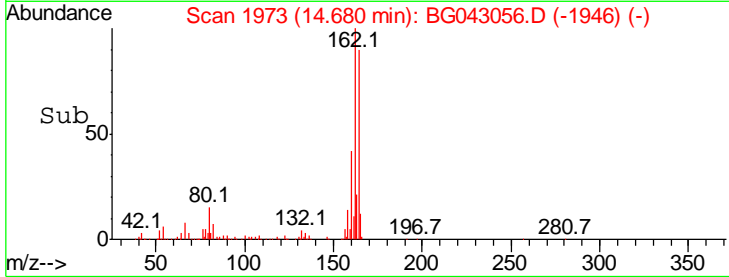
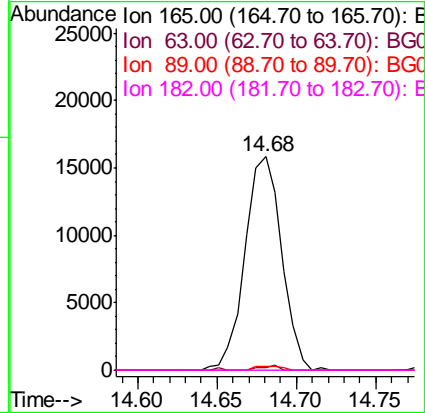
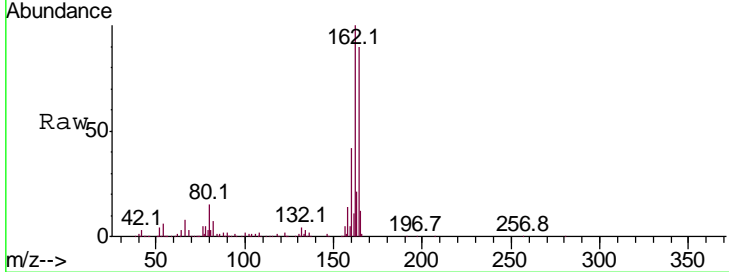




#57  
 2,4-Dinitrotoluene  
 Concen: 5.753 ng  
 RT: 14.68 min Scan# 1973  
 Delta R.T. -0.37 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

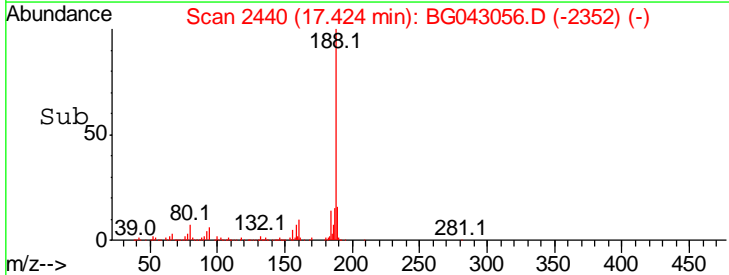
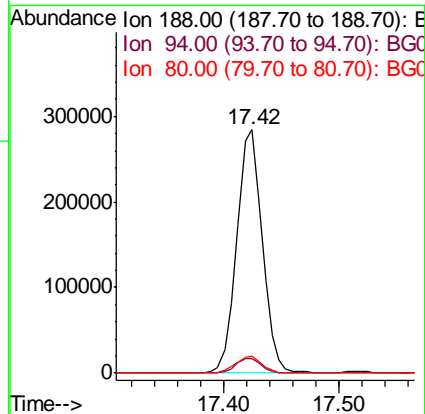
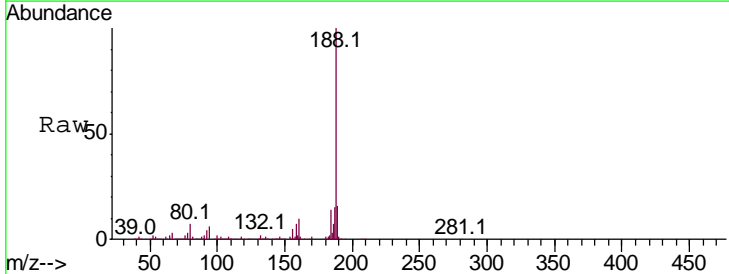
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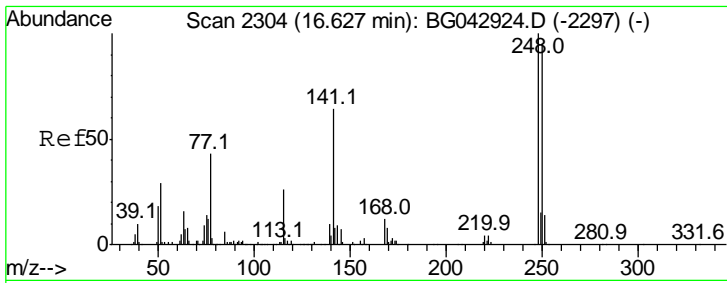
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.5	54.7#
89	2.1	55.5	83.3#
182	0.0	2.4	3.6#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.42 min Scan# 2440  
 Delta R.T. -0.01 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	6.8	6.5	9.7

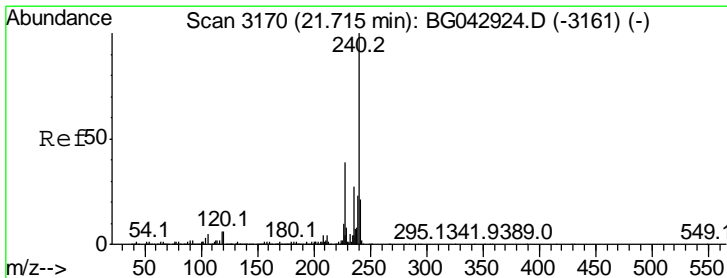
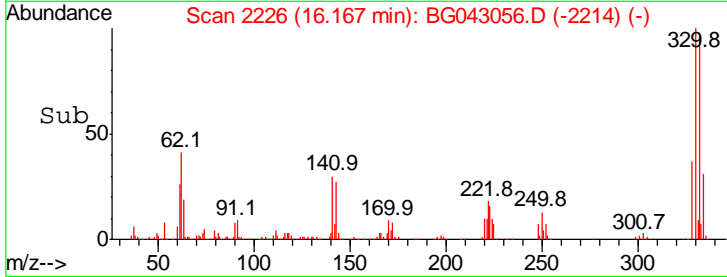
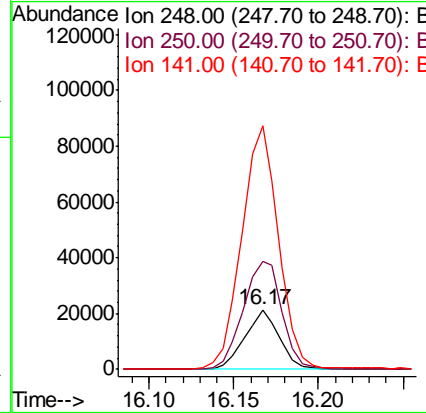
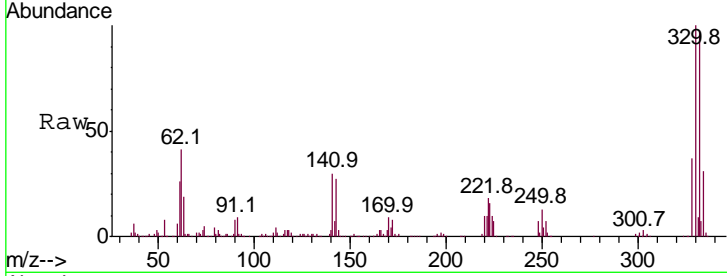




#67  
 4-Bromophenyl-phenylether  
 Concen: 5.546 ng  
 RT: 16.17 min Scan# 2226  
 Delta R.T. -0.46 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

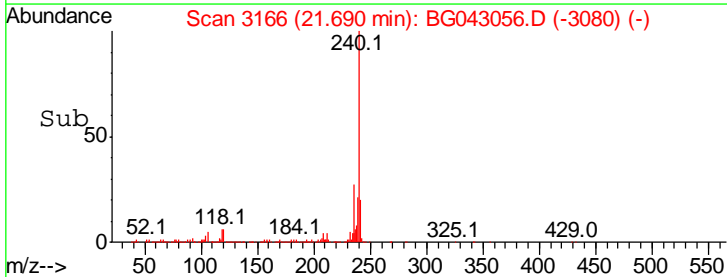
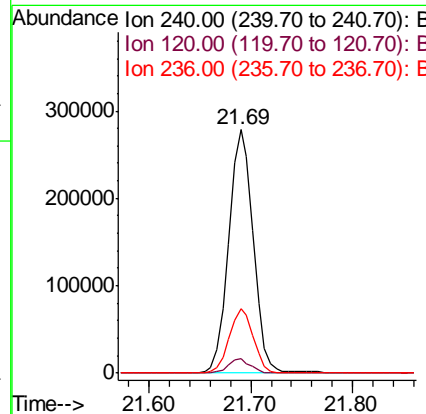
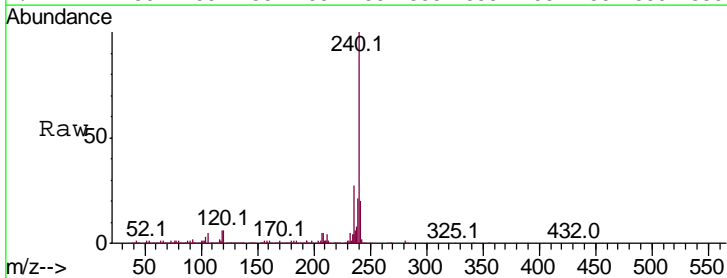
Instrument :  
 BNA\_G  
 ClientSampleId :  
 20190879-COMPOSITE-K

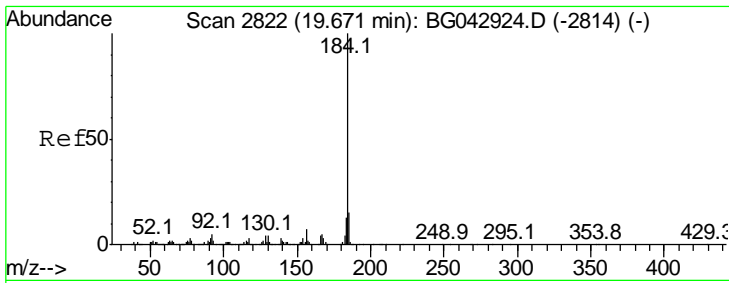
Tgt Ion	Resp	Lower	Upper
248	100		
250	180.2	75.8	113.8#
141	406.7	51.1	76.7#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.03 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
240	100		
120	5.8	4.8	7.2
236	26.6	21.4	32.0

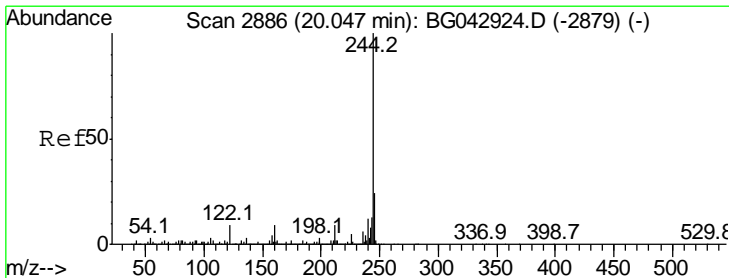
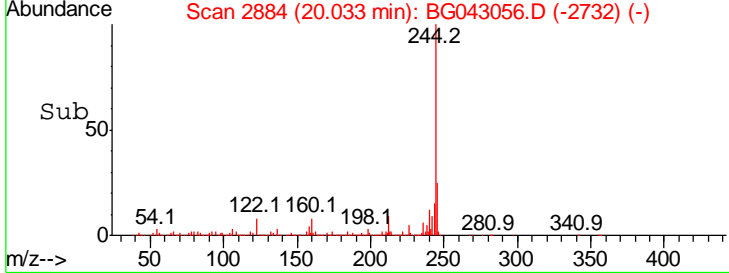
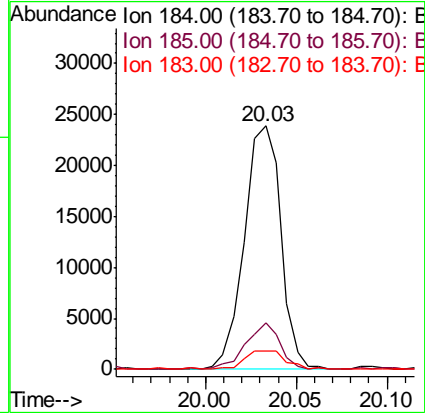
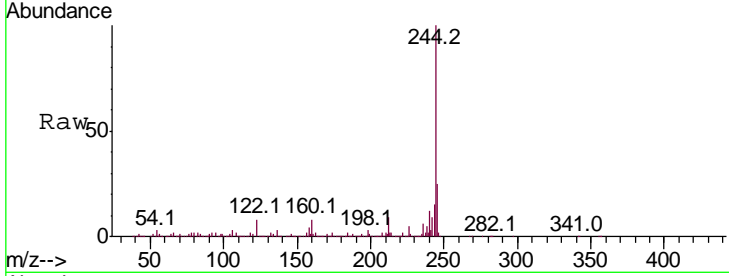




#77  
Benzidine  
Concen: 2.873 ng  
RT: 20.03 min Scan# 2884  
Delta R.T. 0.36 min  
Lab File: BG043056.D  
Acq: 5 Oct 2019 15:32

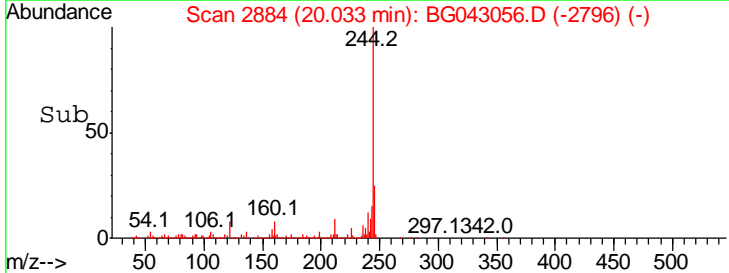
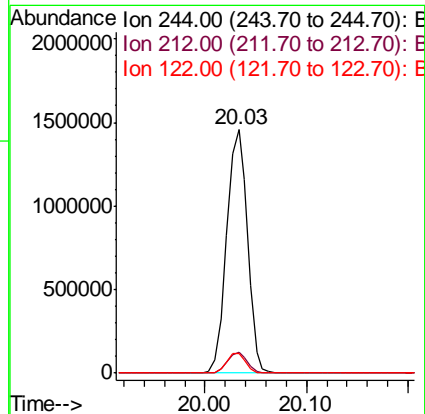
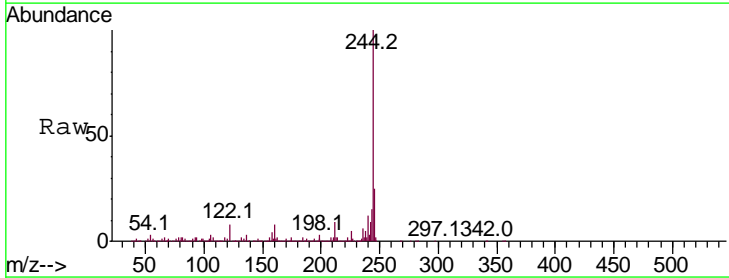
Instrument :  
BNA\_G  
ClientSampled :  
20190879-COMPOSITE-K

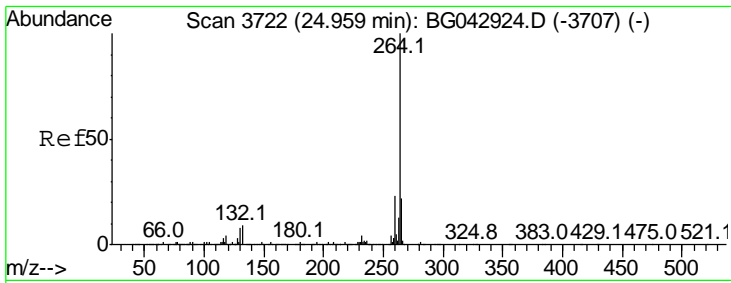
Tgt Ion	Resp	Lower	Upper
184	100		
185	18.9	11.8	17.8#
183	7.8	10.1	15.1#



#79  
Terphenyl-d14  
Concen: 94.931 ng  
RT: 20.03 min Scan# 2884  
Delta R.T. -0.01 min  
Lab File: BG043056.D  
Acq: 5 Oct 2019 15:32

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	8.1	7.0	10.4





#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.91 min Scan# 3714  
 Delta R.T. -0.05 min  
 Lab File: BG043056.D  
 Acq: 5 Oct 2019 15:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20190879-COMPOSITE-K

Tot Ion: 264 Resp: 536319

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	17.7	26.5

