

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\  
 Data File : BG043523.D  
 Acq On : 6 Nov 2019 16:56  
 Operator : JU  
 Sample : K5612-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 06 17:37:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

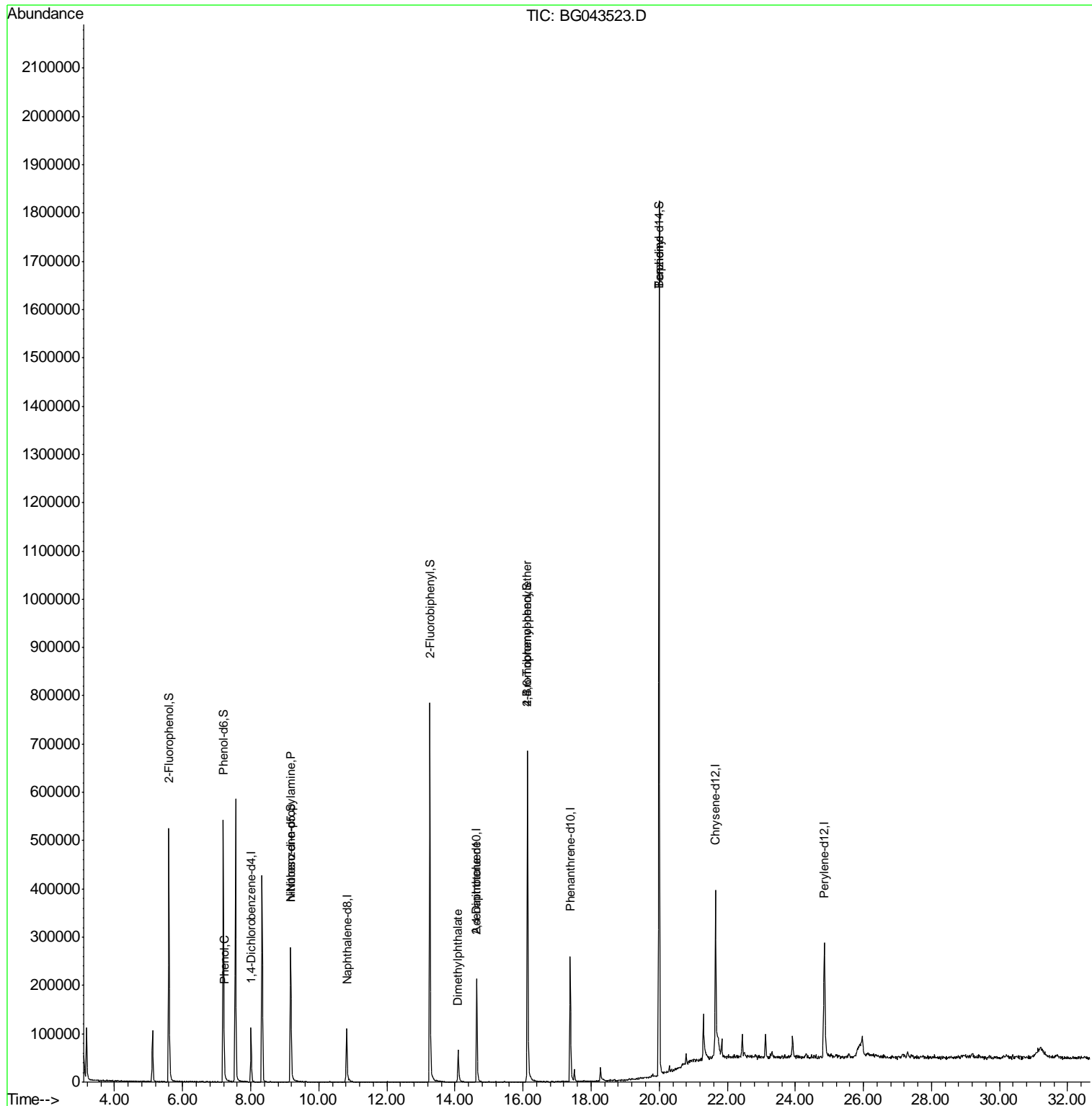
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34435	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	116173	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	88086	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	209775	20.00	ng	0.00
76) Chrysene-d12	21.65	240	224079	20.00	ng	0.00
87) Perylene-d12	24.86	264	268796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	253325	134.81	ng	0.00
7) Phenol-d6	7.20	99	348647	128.95	ng	0.00
23) Nitrobenzene-d5	9.18	82	208999	92.75	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	188265	112.31	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	498928	78.27	ng	0.00
79) Terphenyl-d14	20.00	244	954693	79.93	ng	0.00
Target Compounds						
10) Phenol	7.22	94	4971	2.012	ng	# 72
19) n-Nitroso-di-n-propylamine	9.18	70	28244	16.166	ng	# 78
50) Dimethylphthalate	14.09	163	63037	9.239	ng	99
57) 2,4-Dinitrotoluene	14.64	165	11832	5.586	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	12779	4.527	ng	# 1
77) Benzidine	20.00	184	13493	2.992	ng	# 93

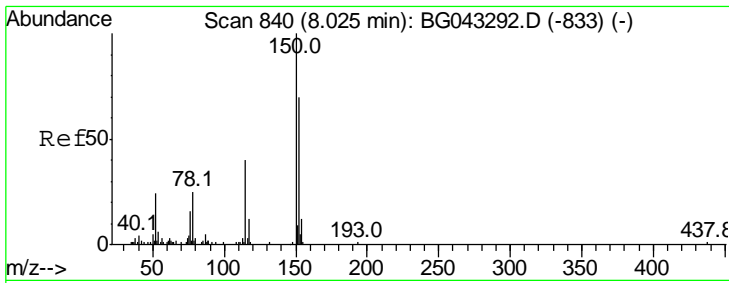
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

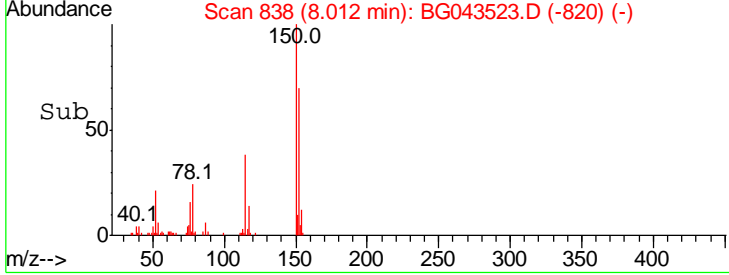
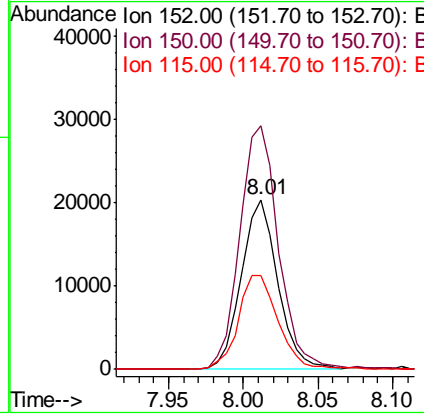
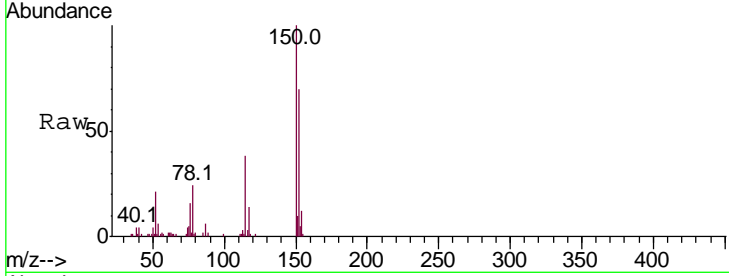




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.01 min Scan# 838  
 Delta R.T. 0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

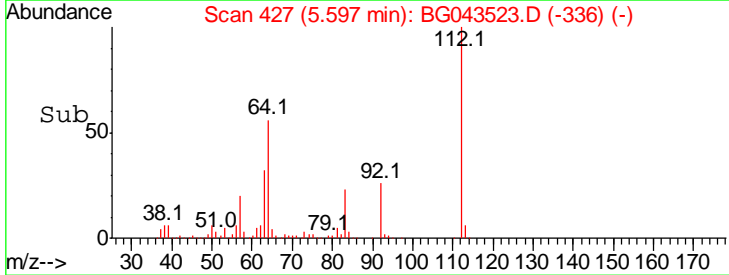
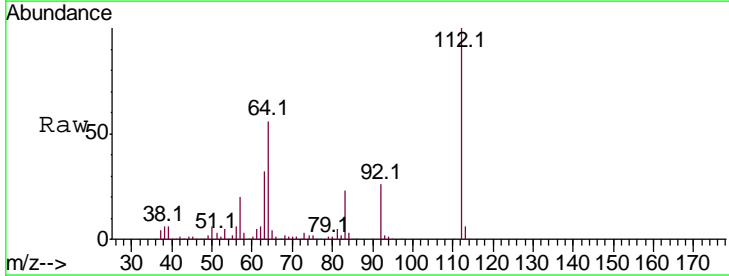
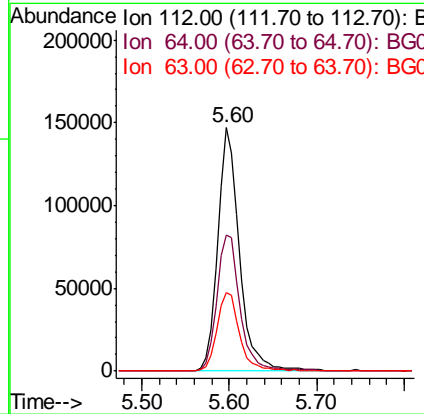
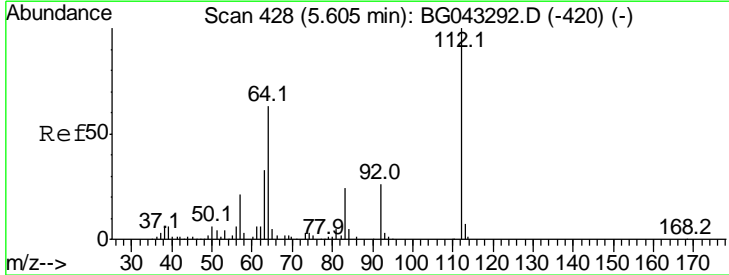
Instrument :  
 BNA\_G  
 ClientSampled :

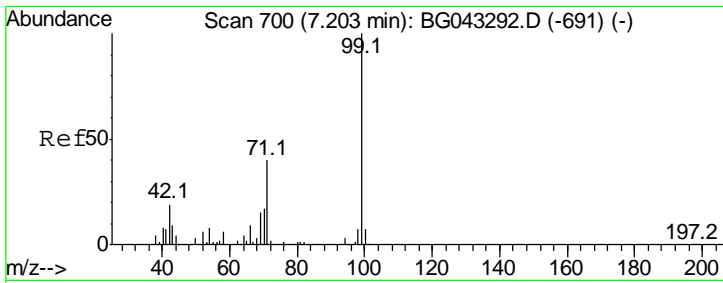
Tgt Ion	Resp	Lower	Upper
152	100		
150	143.3	129.4	194.0
115	55.0	48.8	73.2



#5  
 2-Fluorophenol  
 Concen: 134.806 ng  
 RT: 5.60 min Scan# 427  
 Delta R.T. 0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
112	100		
64	56.0	50.0	75.0
63	32.0	26.6	40.0

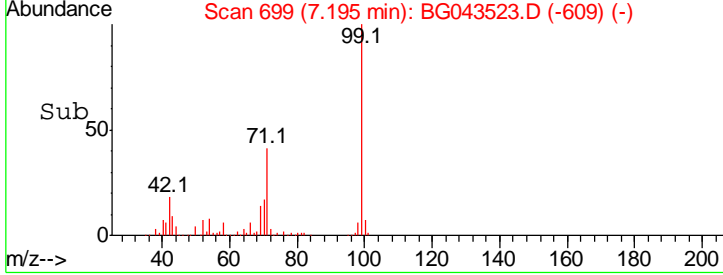
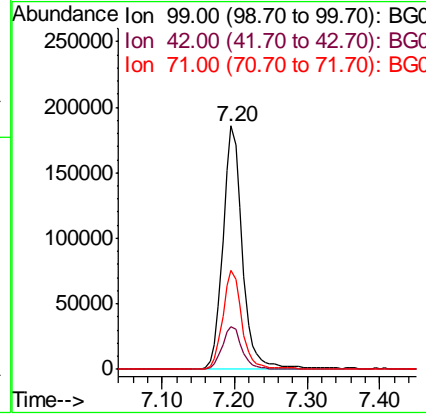
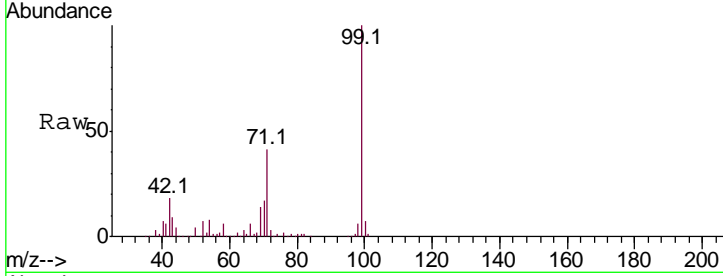




#7  
 Phenol-d6  
 Concen: 128.952 ng  
 RT: 7.20 min Scan# 699  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

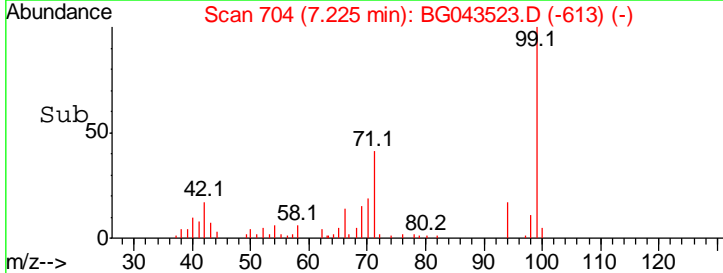
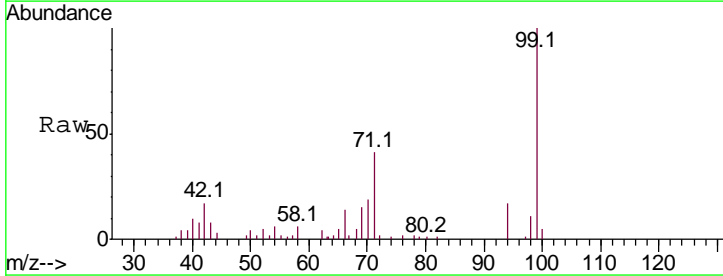
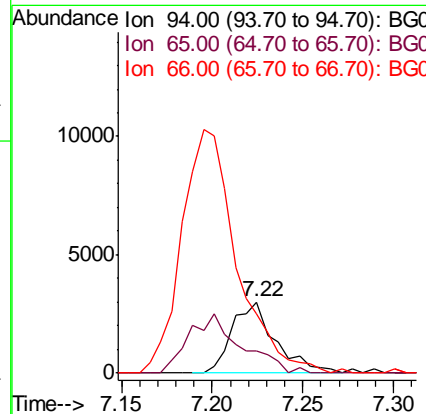
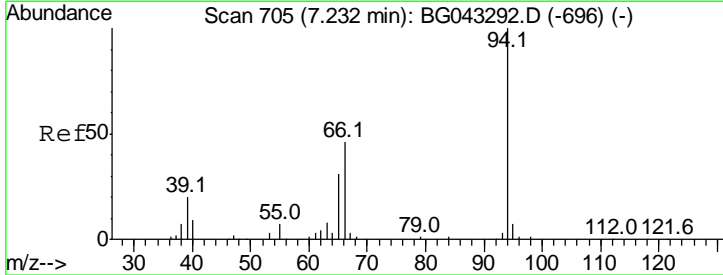
Instrument :  
 BNA\_G  
 ClientSampled :

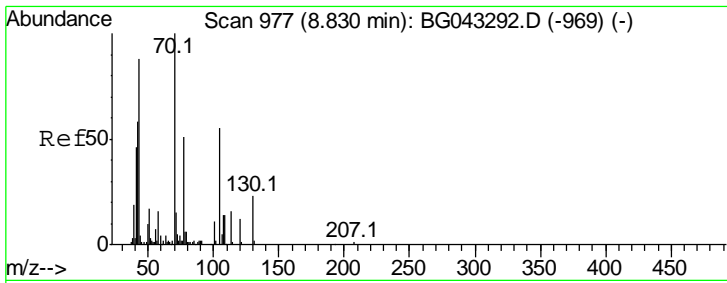
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	40.9	32.5	48.7



#10  
 Phenol  
 Concen: 2.012 ng  
 RT: 7.22 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
94	100		
65	31.9	12.6	52.6
66	82.5	30.7	70.7#

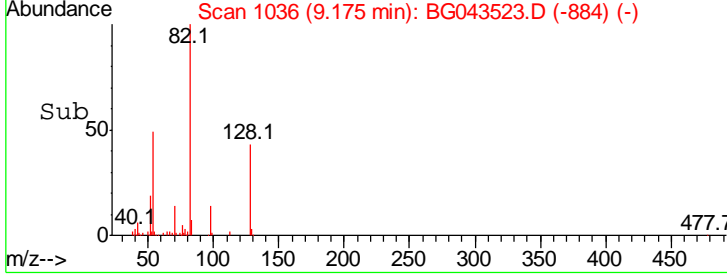
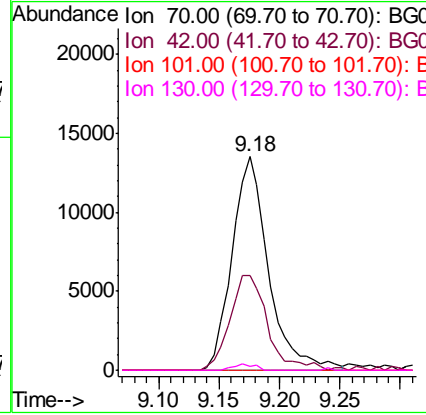
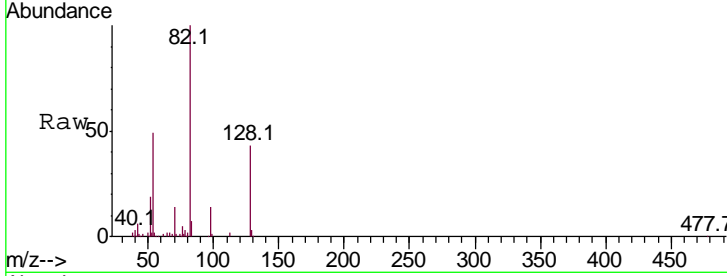




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 16.166 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. 0.36 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

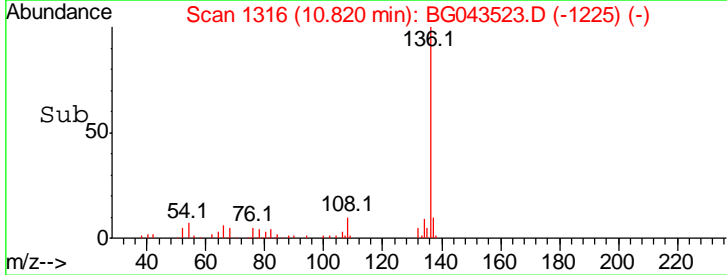
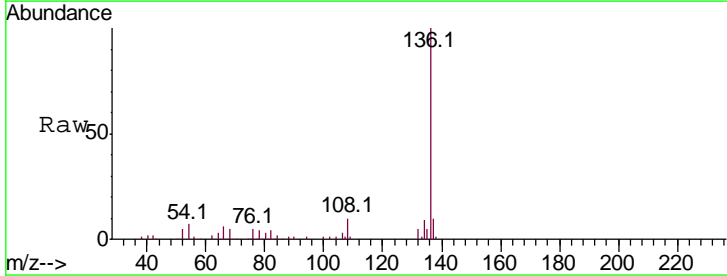
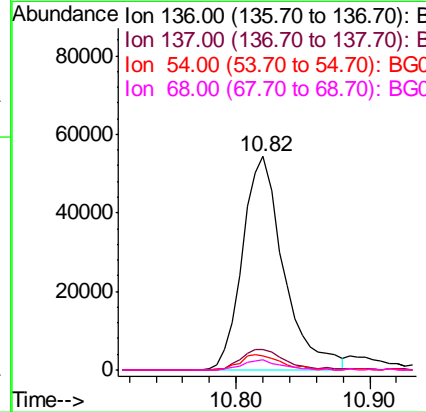
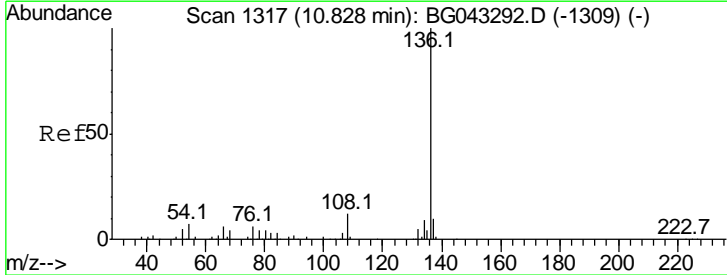
Instrument :  
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 ClientSampled :

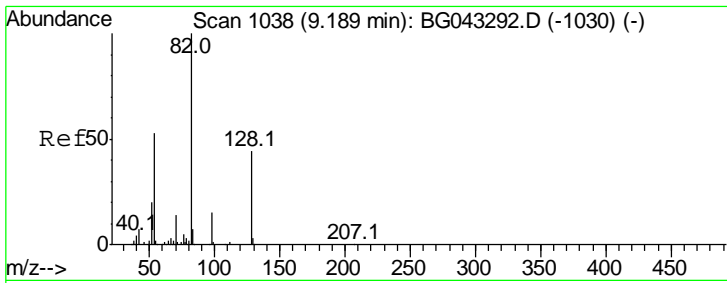
Tgt Ion	Resp	Lower	Upper
70	100		
42	44.3	41.4	62.2
101	0.0	7.9	11.9#
130	1.7	19.0	28.4#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.82 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	6.9	5.4	8.2
68	4.5	3.0	4.4#

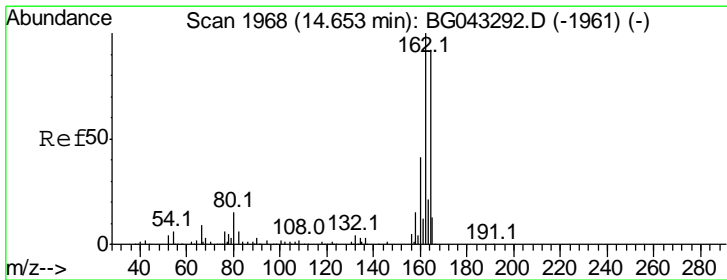
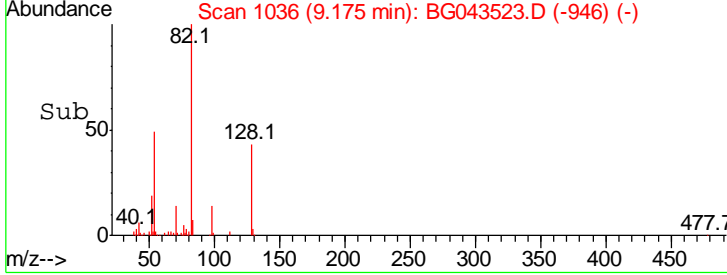
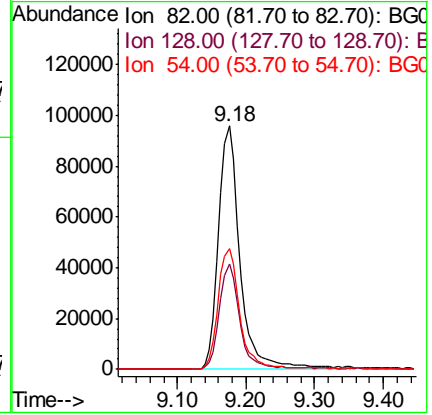
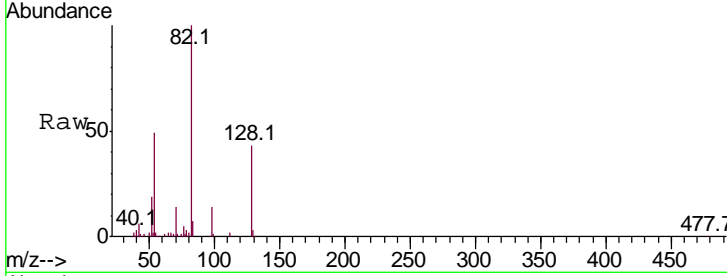




#23  
 Nitrobenzene-d5  
 Concen: 92.748 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

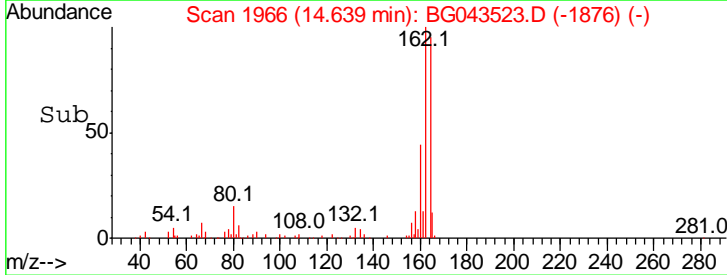
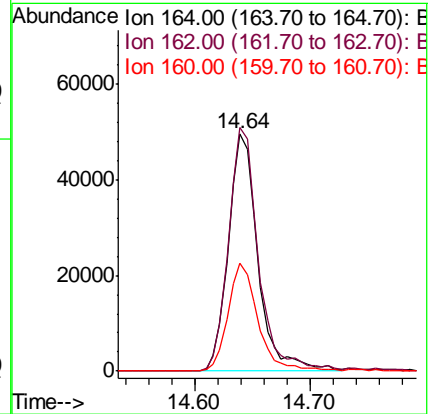
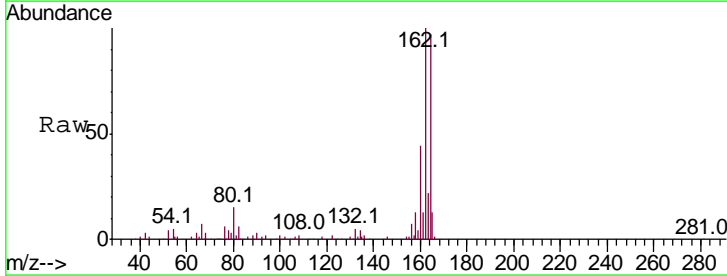
Instrument :  
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 ClientSampled :

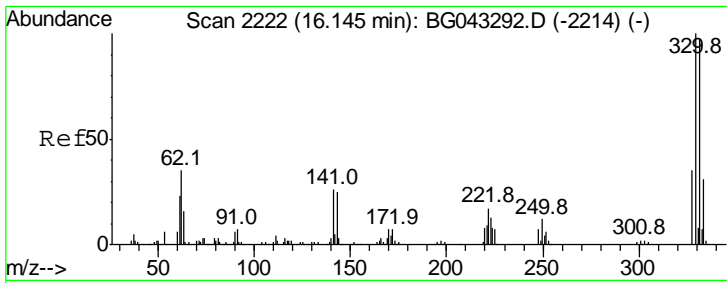
Tgt Ion	Resp	Lower	Upper
82	100		
128	43.1	35.0	52.6
54	49.4	40.2	60.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.64 min Scan# 1966  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
164	100		
162	102.6	83.5	125.3
160	45.2	36.5	54.7

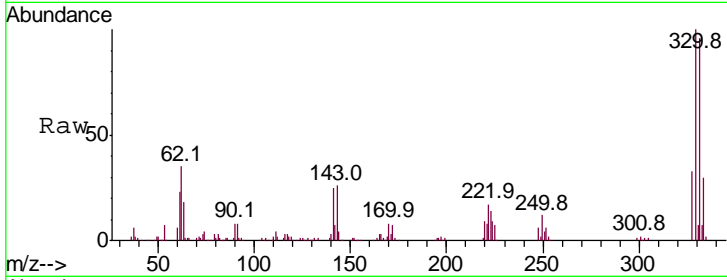




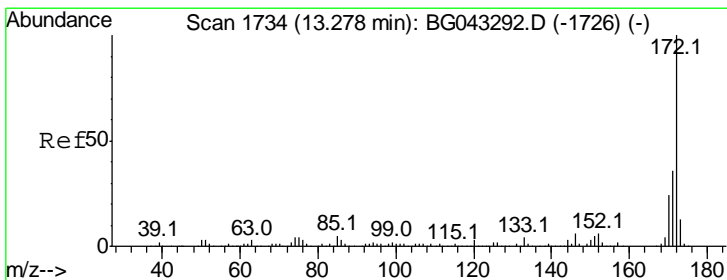
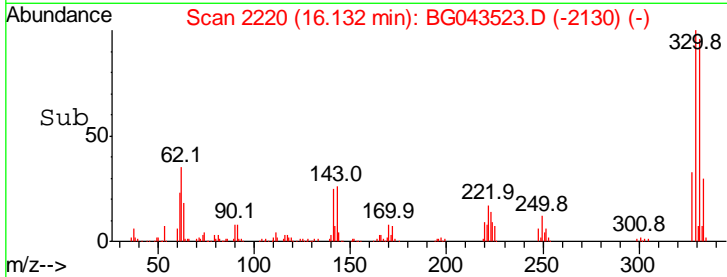
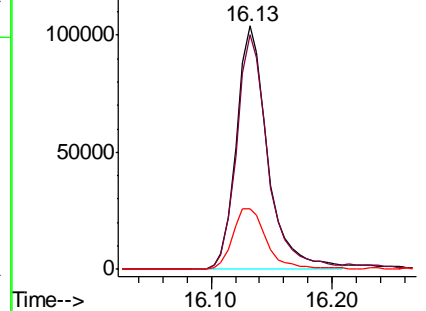
#42  
 2,4,6-Tribromophenol  
 Concen: 112.311 ng  
 RT: 16.13 min Scan# 2220  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion	Resp	Lower	Upper
330	100		
332	98.8	77.4	116.0
141	27.4	22.8	34.2

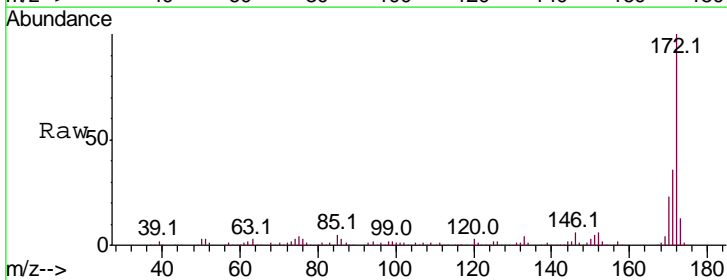


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

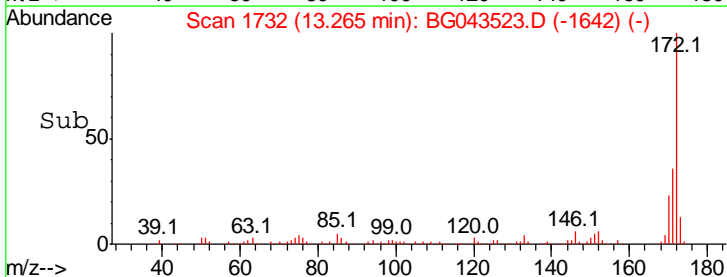
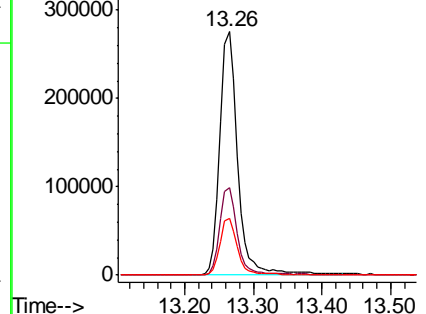


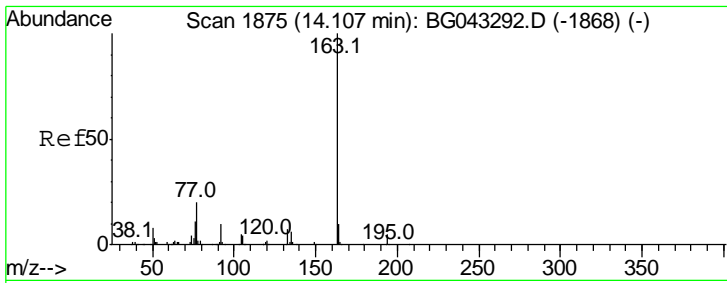
#45  
 2-Fluorobiphenyl  
 Concen: 78.267 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.4	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

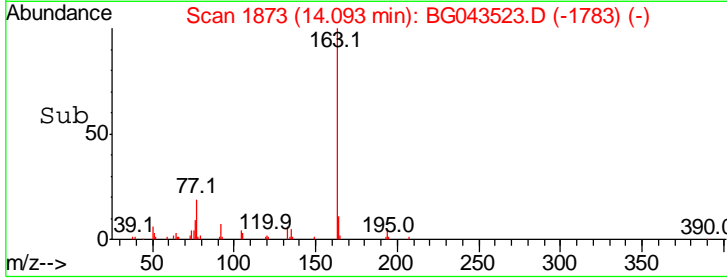
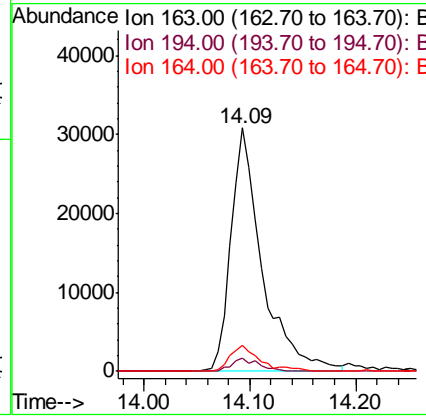
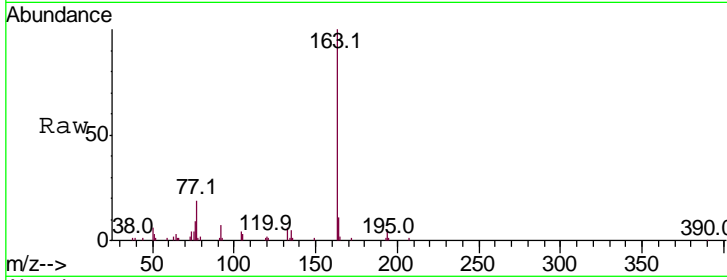




#50  
 Dimethylphthalate  
 Concen: 9.239 ng  
 RT: 14.09 min Scan# 1873  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

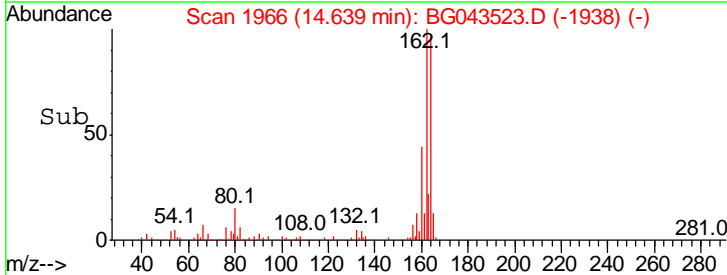
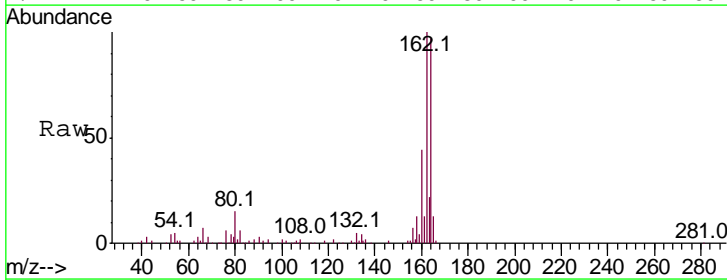
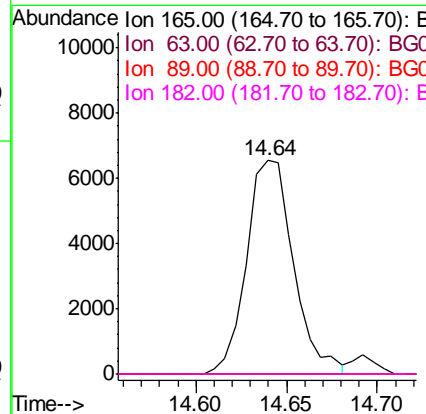
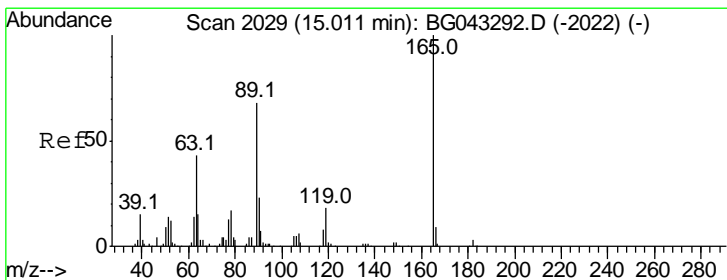
Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
163	100		
194	5.2	3.8	5.6
164	10.9	8.9	13.3

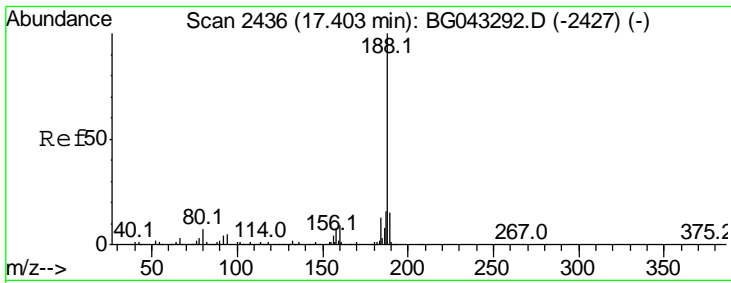


#57  
 2,4-Dinitrotoluene  
 Concen: 5.586 ng  
 RT: 14.64 min Scan# 1966  
 Delta R.T. -0.37 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



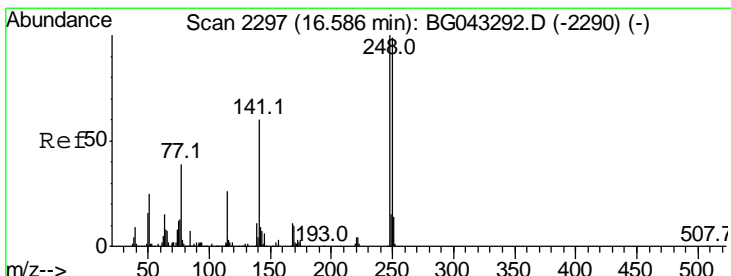
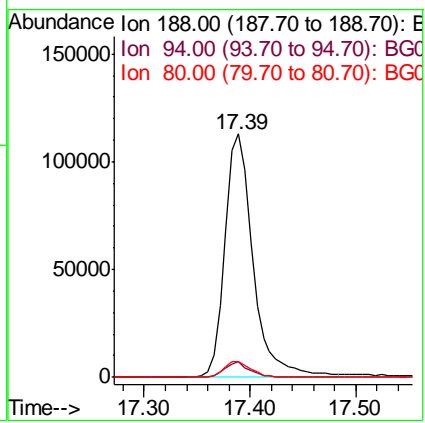
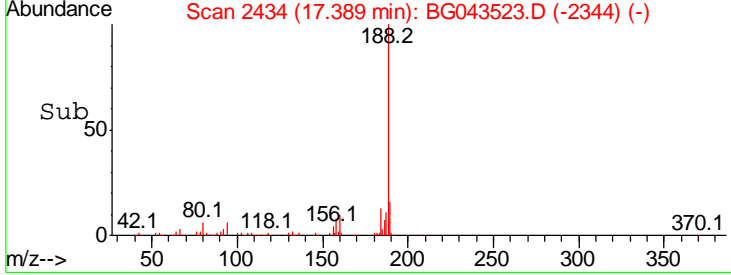
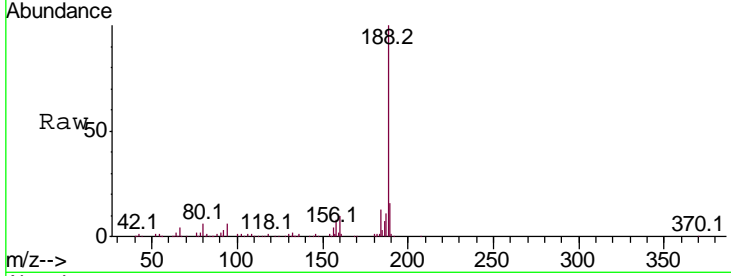




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.39 min Scan# 2434  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

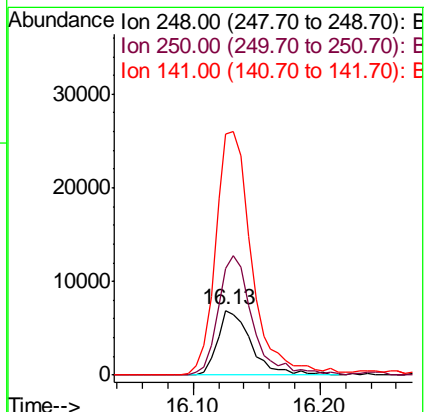
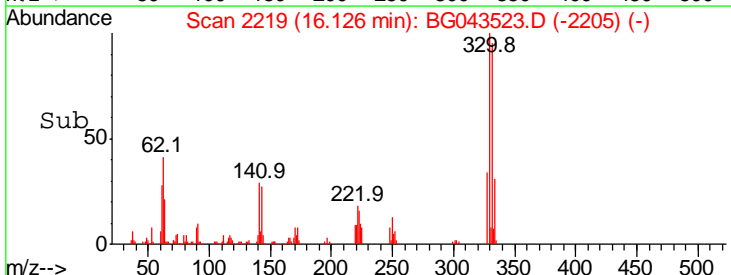
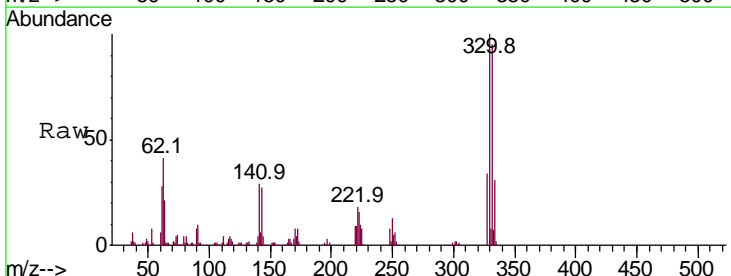
Instrument :  
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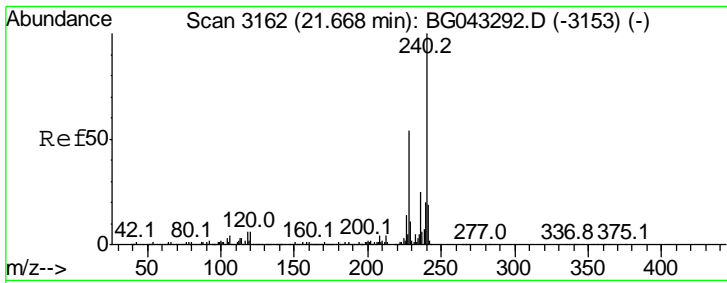
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.4	4.2	6.4#
80	6.5	4.5	6.7



#67  
 4-Bromophenyl-phenylether  
 Concen: 4.527 ng  
 RT: 16.13 min Scan# 2219  
 Delta R.T. -0.45 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
248	100		
250	165.1	77.0	115.4#
141	372.2	47.5	71.3#

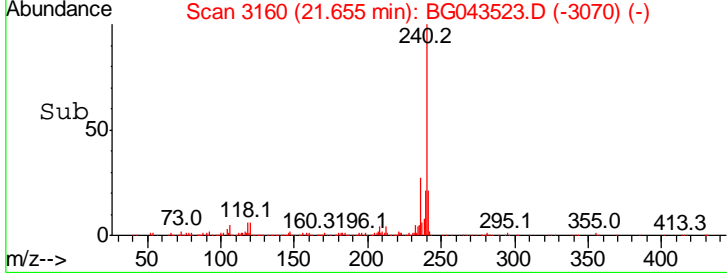
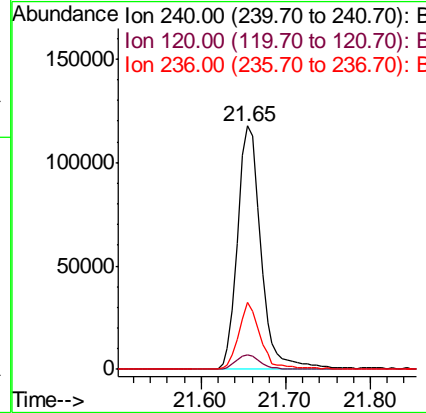
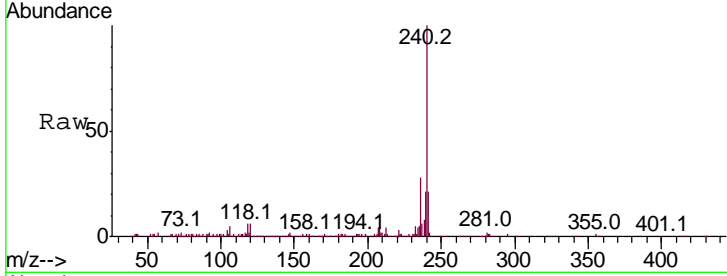




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.65 min Scan# 3160  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

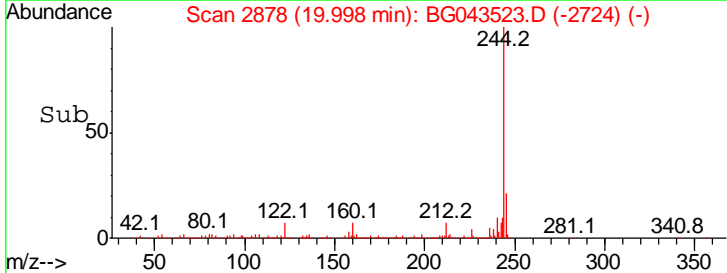
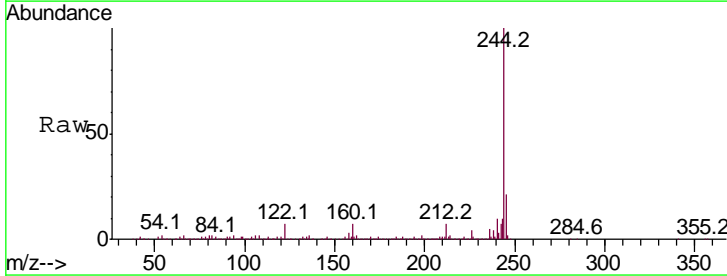
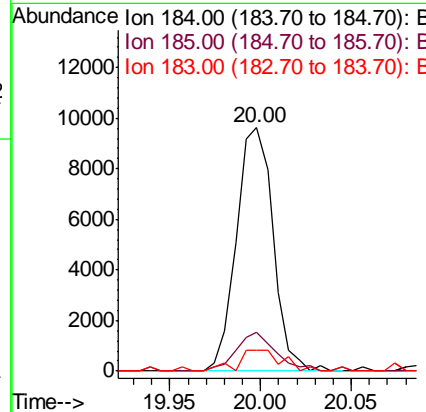
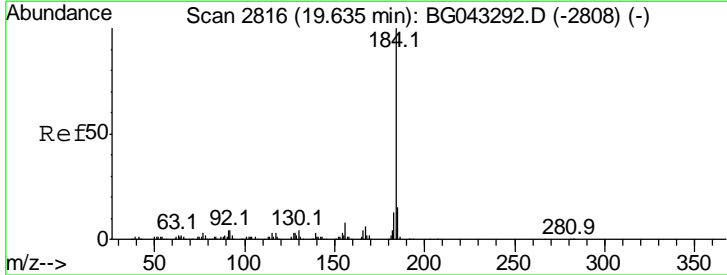
Instrument :  
 BNA\_G  
 ClientSampled :

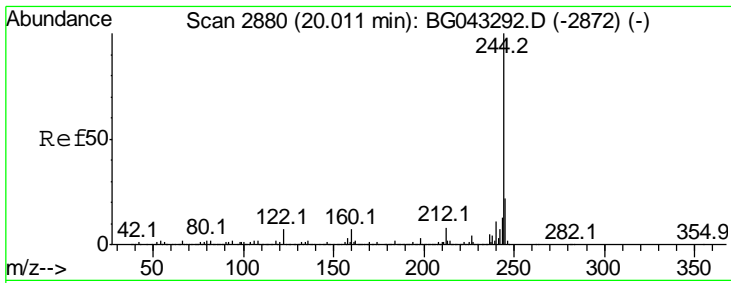
Tgt Ion	Resp	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	27.6	19.8	29.8



#77  
 Benzidine  
 Concen: 2.992 ng  
 RT: 20.00 min Scan# 2878  
 Delta R.T. 0.37 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion	Resp	Lower	Upper
184	100		
185	15.8	11.0	16.4
183	8.7	10.0	15.0#



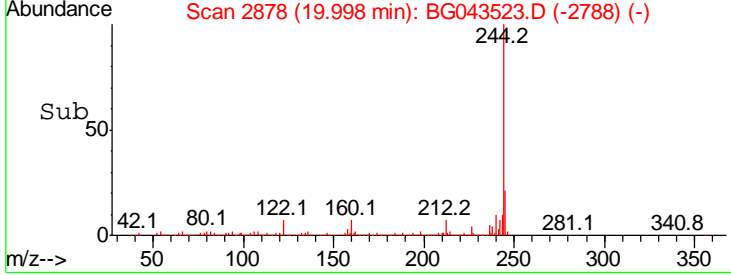
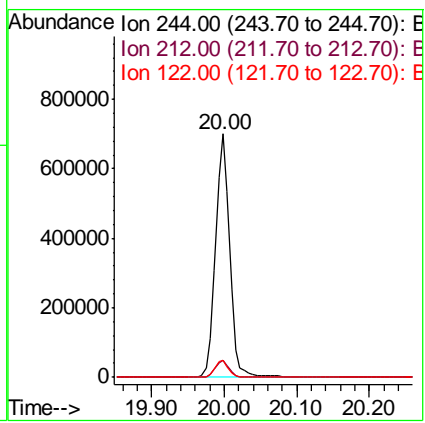
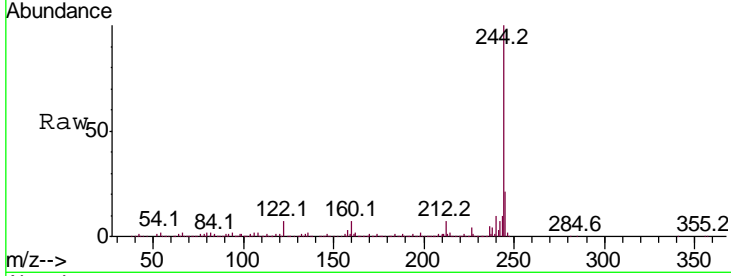


#79  
 Terphenyl-d14  
 Concen: 79.930 ng  
 RT: 20.00 min Scan# 2878  
 Delta R.T. -0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion: 244 Resp: 954693

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.8	5.4	8.2



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.86 min Scan# 3705  
 Delta R.T. 0.00 min  
 Lab File: BG043523.D  
 Acq: 6 Nov 2019 16:56

Tgt Ion: 264 Resp: 268796

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.5	26.3
265	20.4	17.4	26.0

