

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043269.D
 Acq On : 17 Oct 2019 19:39
 Operator : JU
 Sample : K5266-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190883-FIELD-BLANK

Quant Time: Oct 18 01:42:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

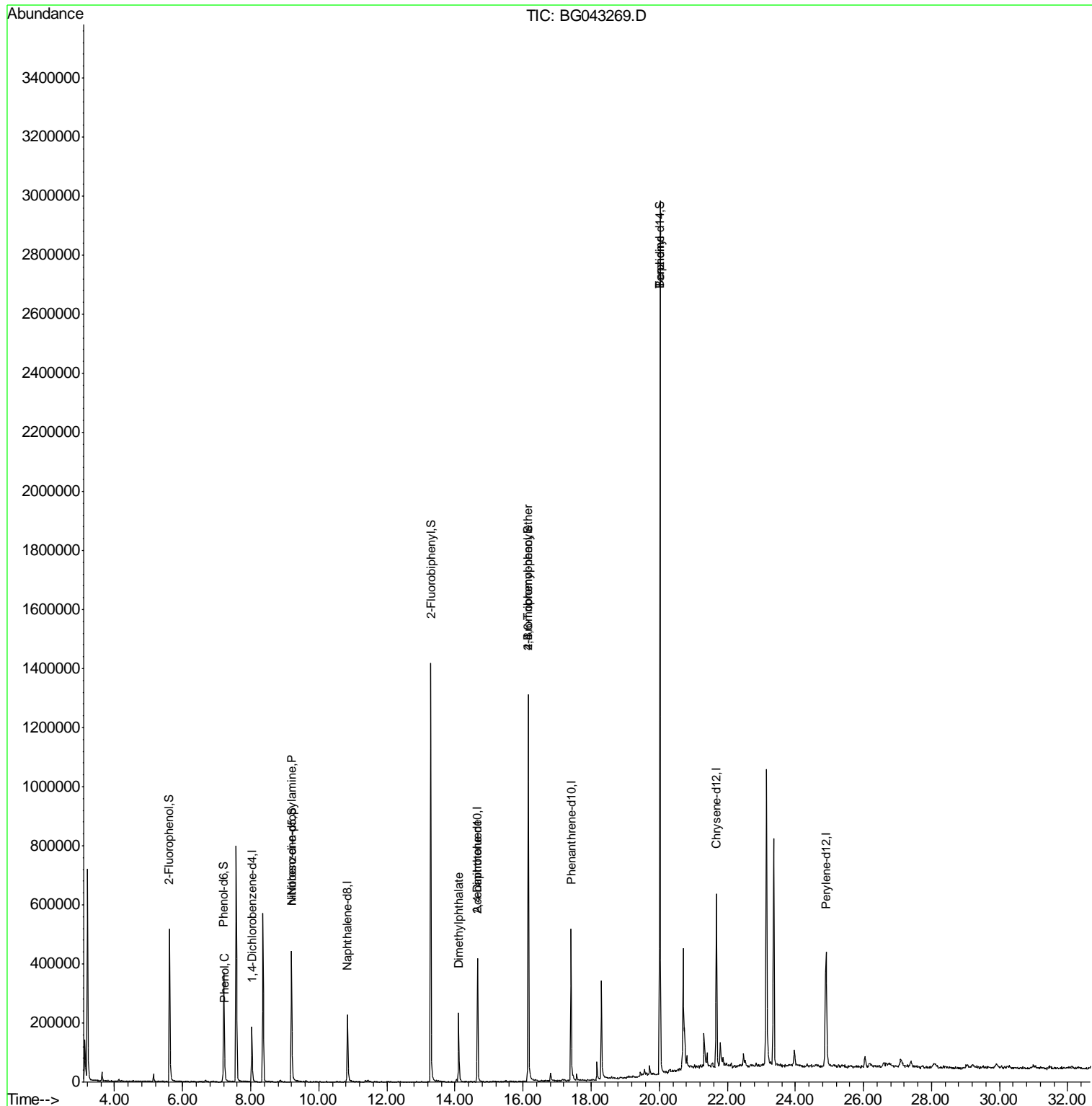
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56017	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	216419	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	162186	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	351159	20.00	ng	0.00
76) Chrysene-d12	21.68	240	379508	20.00	ng	0.00
87) Perylene-d12	24.89	264	455189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238737	76.06	ng	-0.02
7) Phenol-d6	7.21	99	241957	53.53	ng	-0.02
23) Nitrobenzene-d5	9.20	82	300942	67.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	319377	114.52	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	808508	72.27	ng	-0.02
79) Terphenyl-d14	20.02	244	1509370	84.75	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15628	3.768	ng	87
19) n-Nitroso-di-n-propylamine	9.20	70	41969	14.140	ng	# 70
50) Dimethylphthalate	14.11	163	172308	14.179	ng	100
57) 2,4-Dinitrotoluene	14.66	165	22008	5.807	ng	# 25
67) 4-Bromophenyl-phenylether	16.15	248	20861	4.733	ng	# 1
77) Benzidine	20.02	184	22473	2.365	ng	# 95

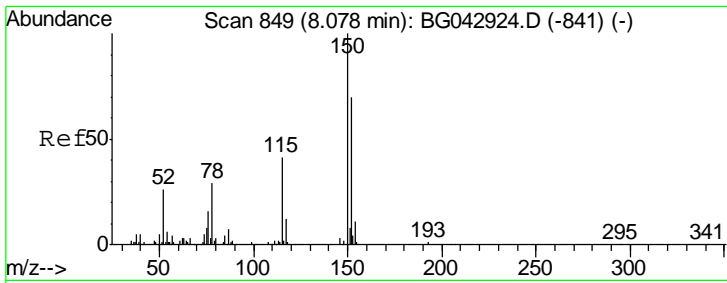
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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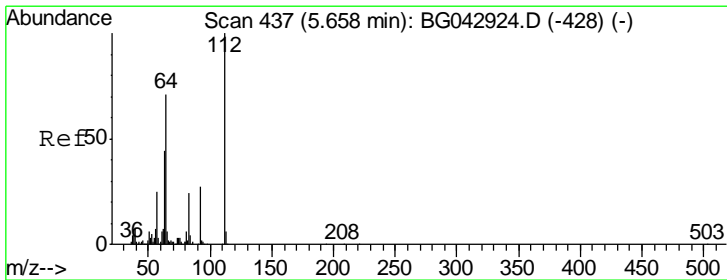
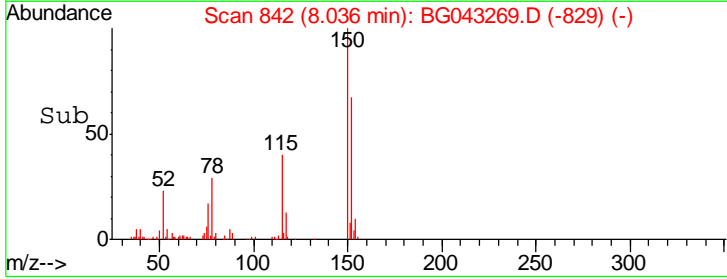
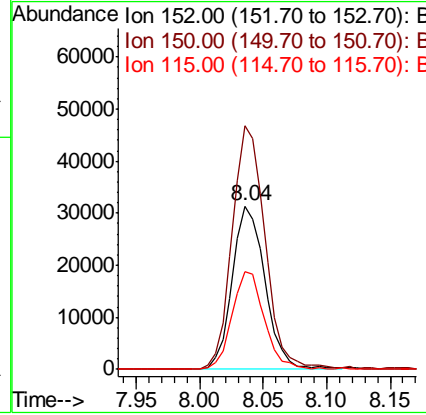
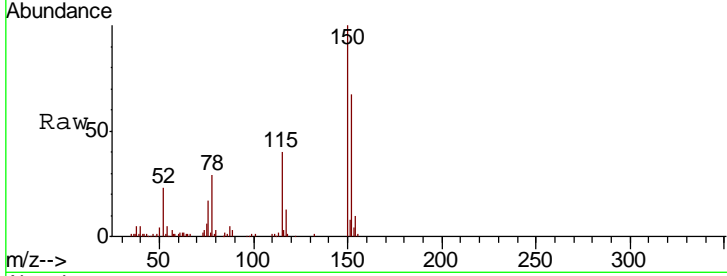




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

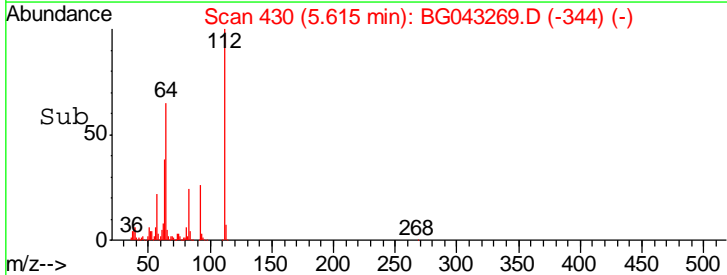
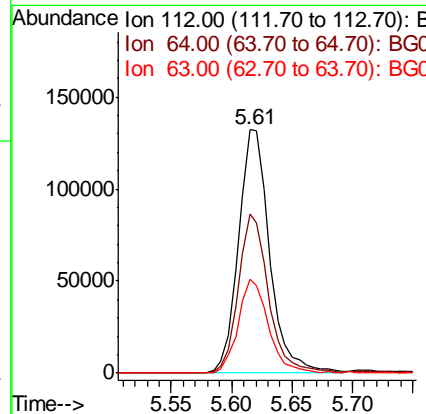
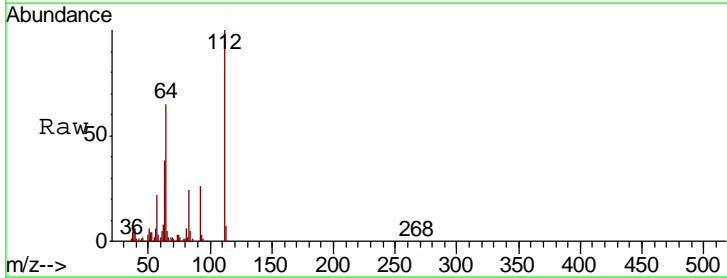
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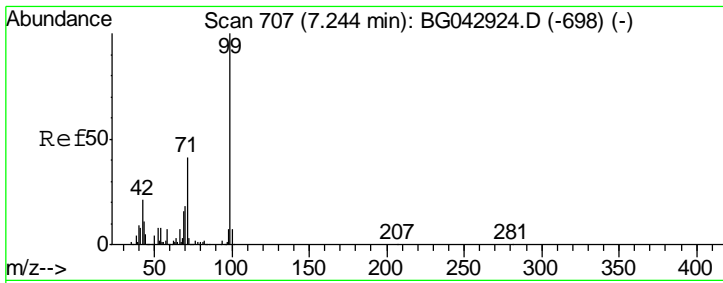
Tgt Ion	Resp	Lower	Upper
152	100		
150	149.1	115.0	172.4
115	59.8	47.0	70.6



#5
 2-Fluorophenol
 Concen: 76.058 ng
 RT: 5.61 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
112	100		
64	65.4	56.6	84.8
63	38.4	35.1	52.7

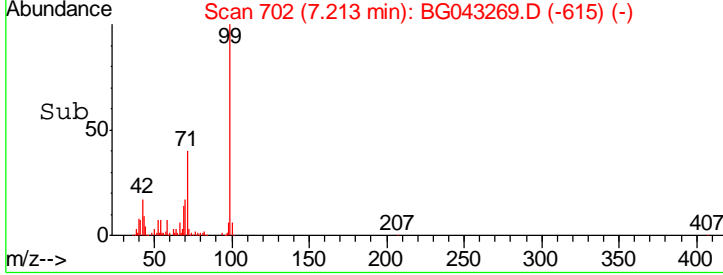
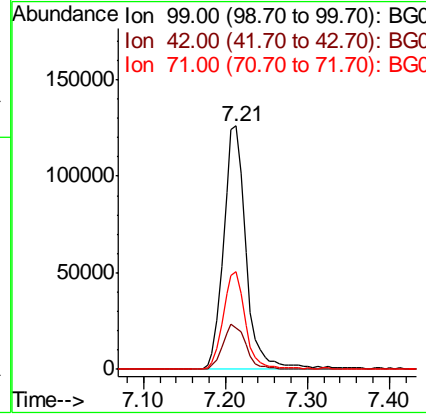
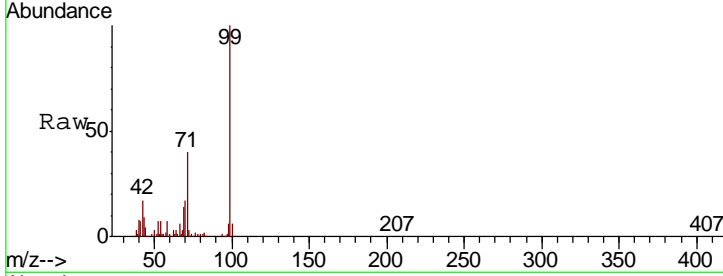




#7
 Phenol-d6
 Concen: 53.528 ng
 RT: 7.21 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

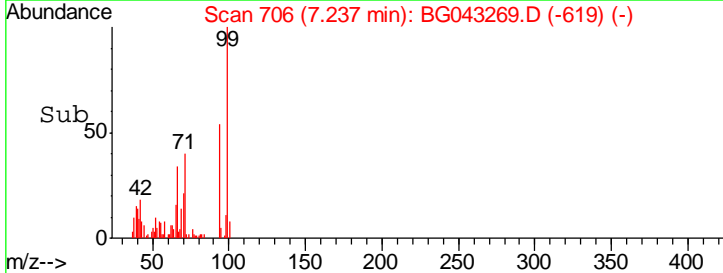
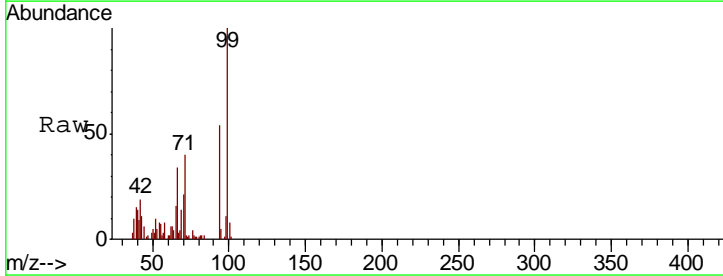
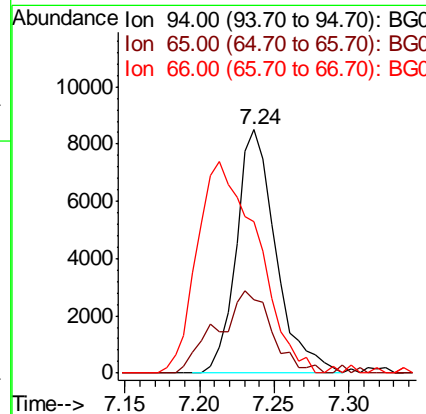
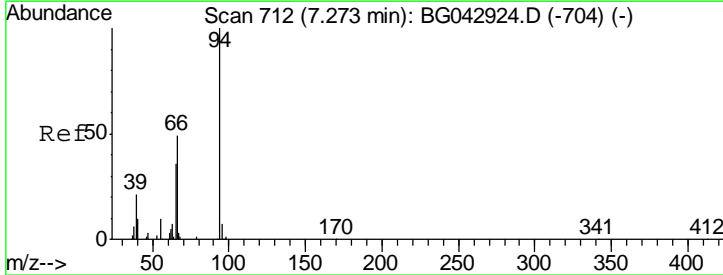
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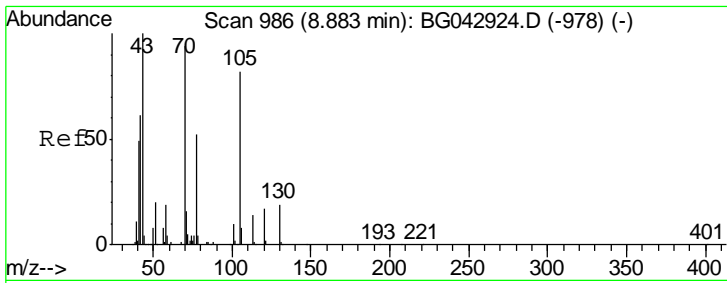
Tgt Ion	Resp	Lower	Upper
99	241957		
42	17.2	17.2	25.8
71	40.0	33.1	49.7



#10
 Phenol
 Concen: 3.768 ng
 RT: 7.24 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
94	15628		
65	30.2	16.6	56.6
66	62.1	32.4	72.4

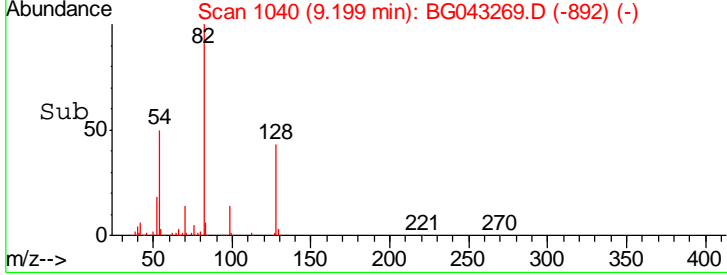
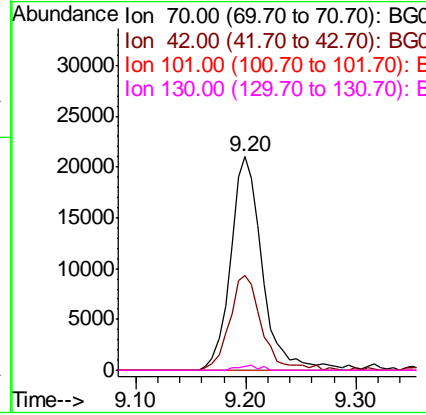
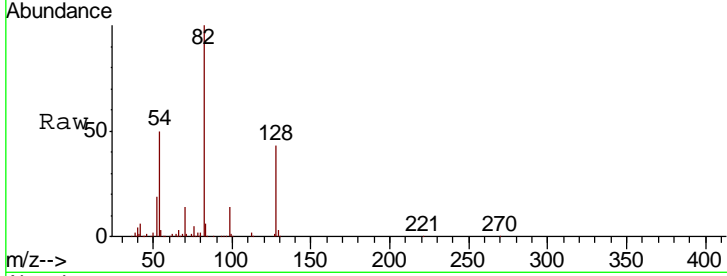




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.140 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.34 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

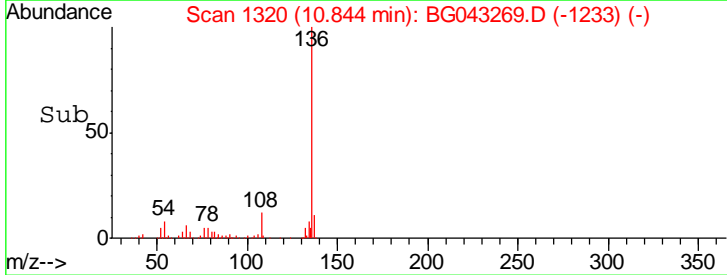
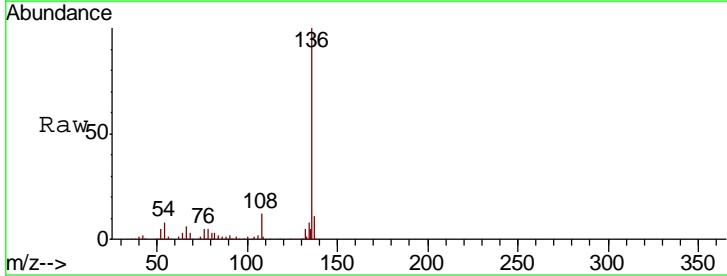
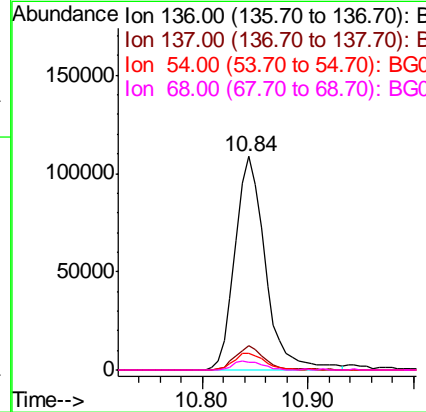
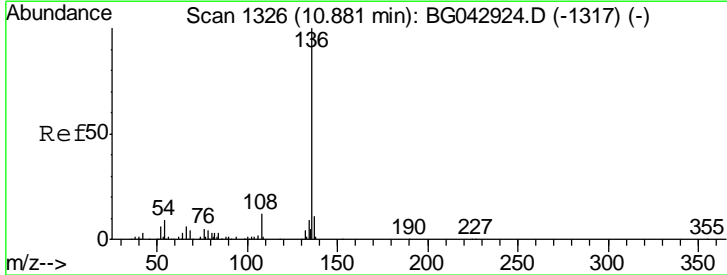
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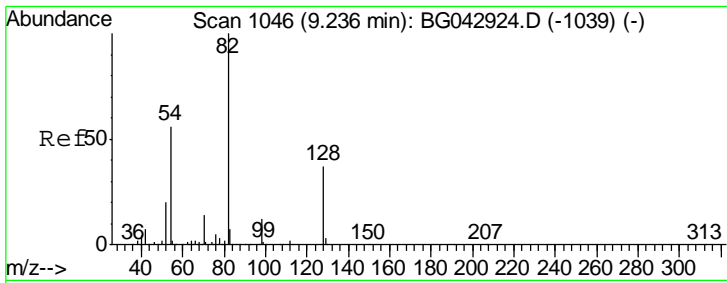
Tgt Ion	Resp	Lower	Upper
70	41969		
42	44.6	52.6	79.0#
101	0.0	8.7	13.1#
130	1.6	15.8	23.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
136	216419		
137	11.5	8.5	12.7
54	7.8	7.4	11.2
68	3.4	3.6	5.4#

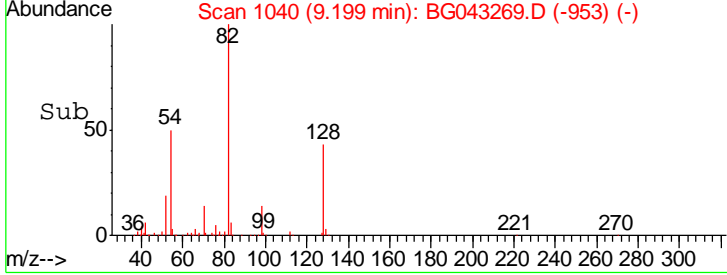
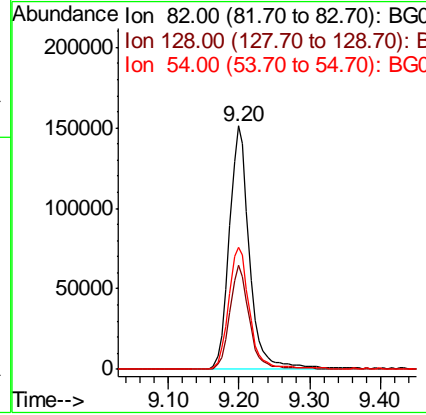
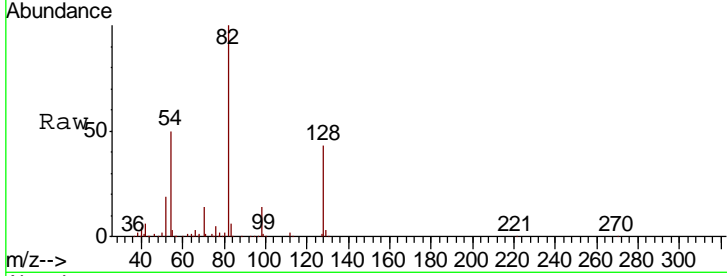




#23
 Nitrobenzene-d5
 Concen: 67.588 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

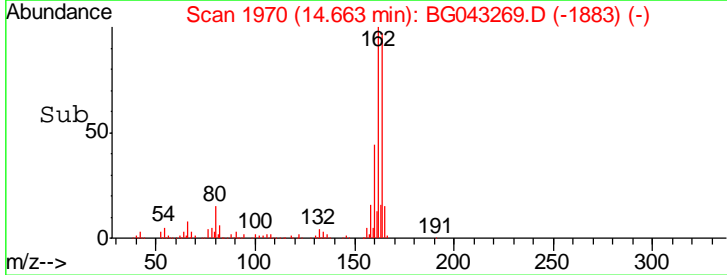
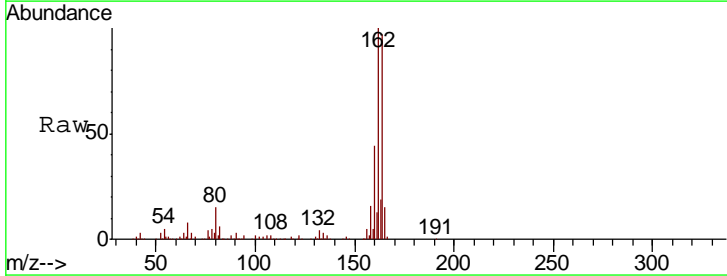
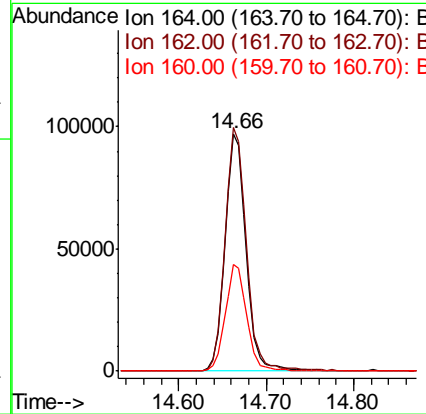
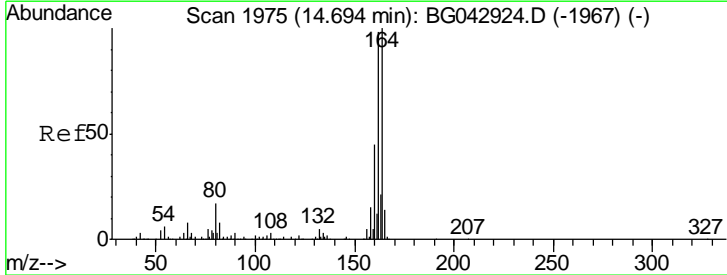
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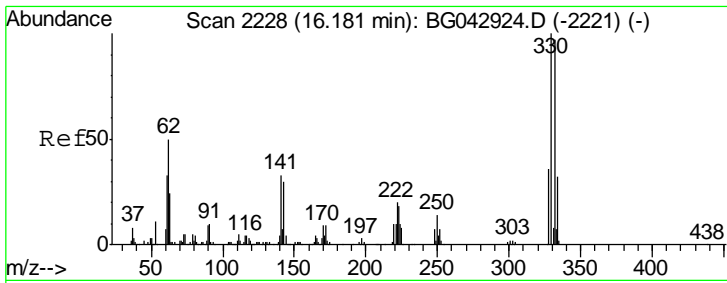
Tgt Ion	Resp	Lower	Upper
82	300942		
128	42.9	29.5	44.3
54	50.2	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
164	162186		
162	102.6	78.5	117.7
160	45.1	35.9	53.9

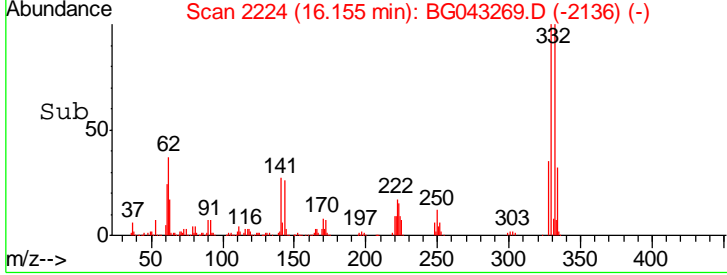
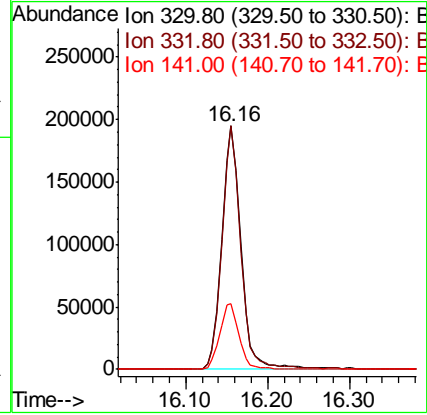
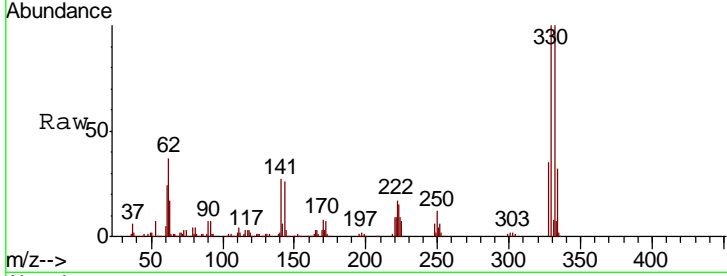




#42
 2,4,6-Tribromophenol
 Concen: 114.518 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

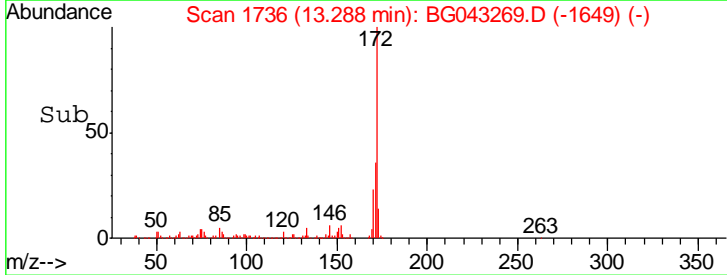
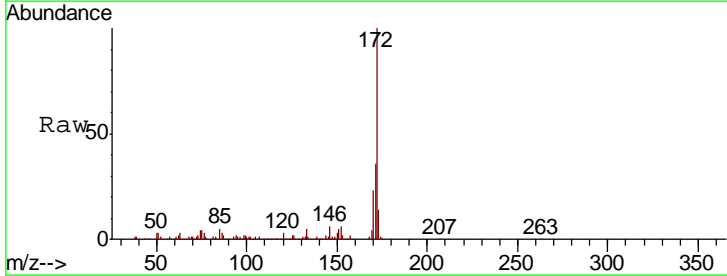
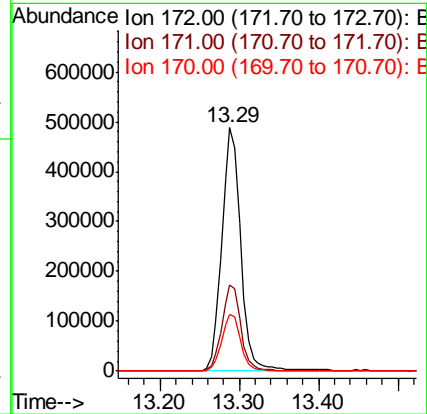
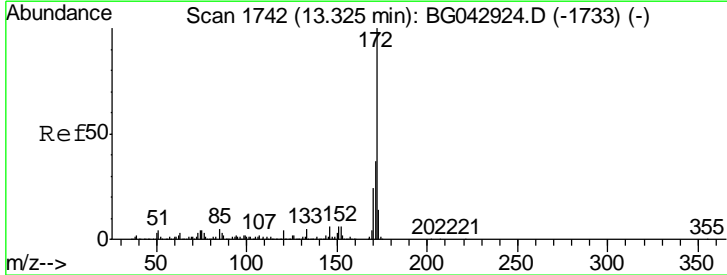
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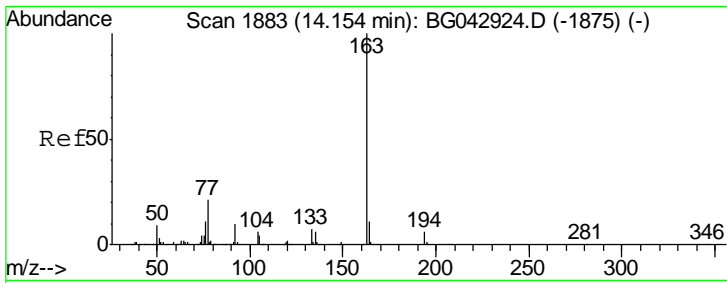
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.7	78.2	117.2
141	27.4	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 72.268 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.6	29.4

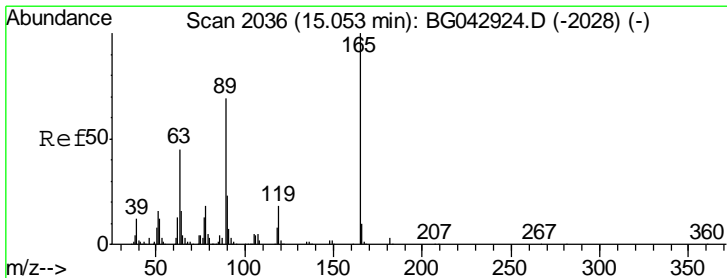
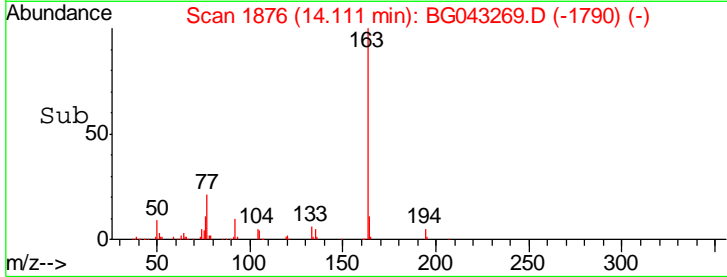
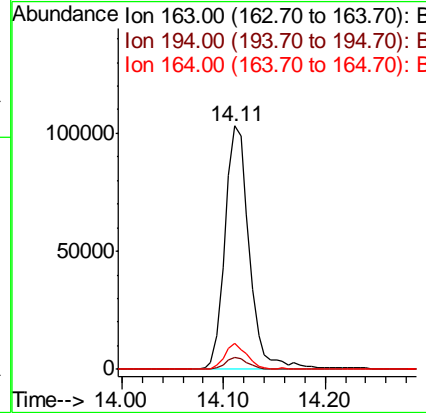
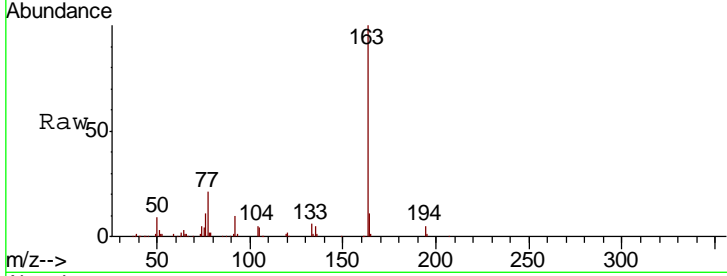




#50
 Dimethylphthalate
 Concen: 14.179 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

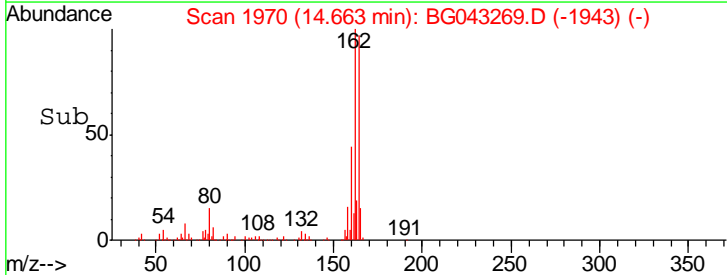
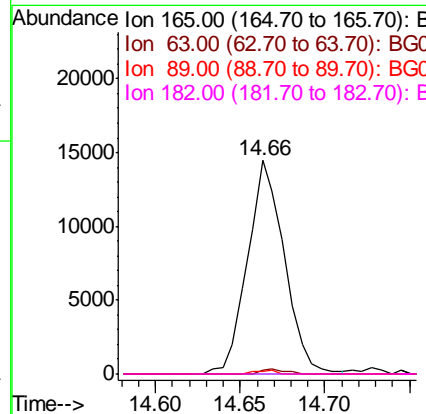
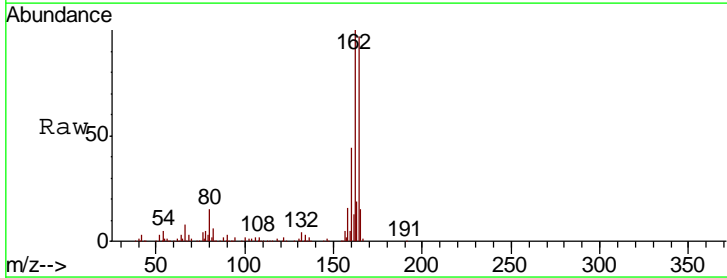
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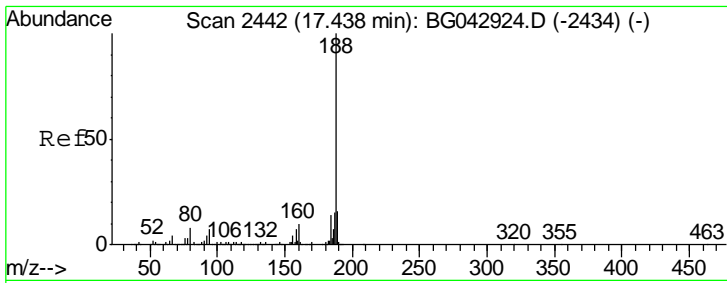
Tgt Ion	Resp	Lower	Upper
163	172308		
194	5.1	4.4	6.6
164	10.7	8.6	12.8



#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.37 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
165	22008		
63	1.7	36.5	54.7#
89	1.4	55.5	83.3#
182	0.0	2.4	3.6#

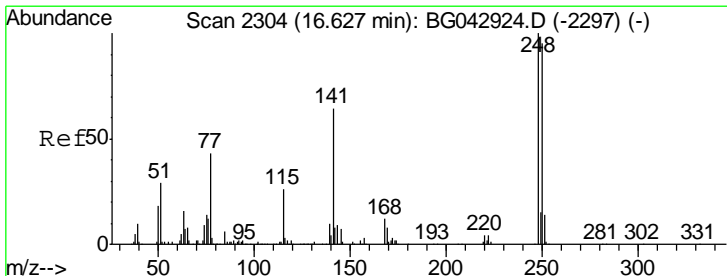
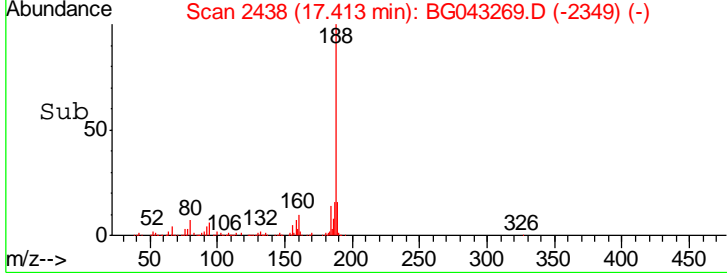
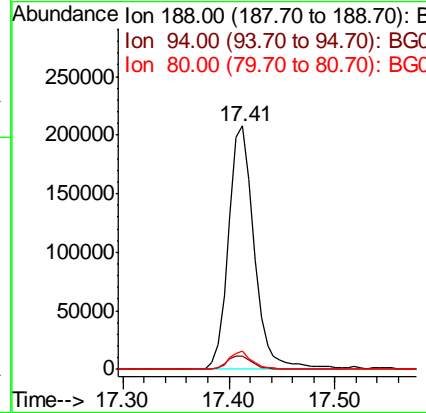
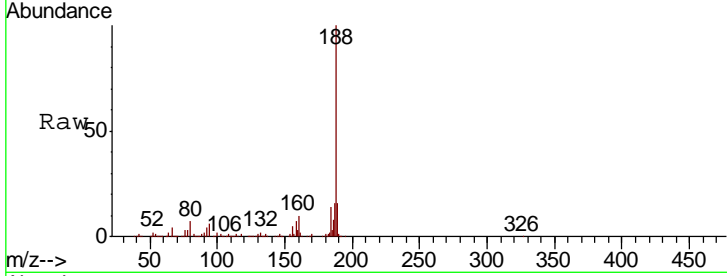




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

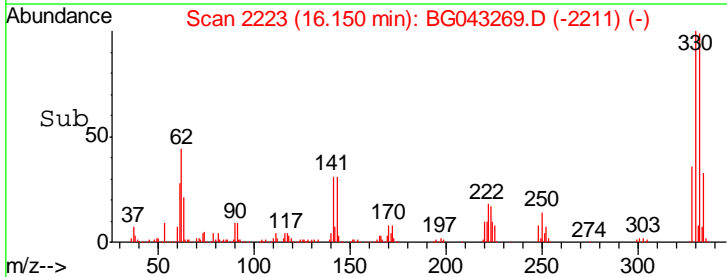
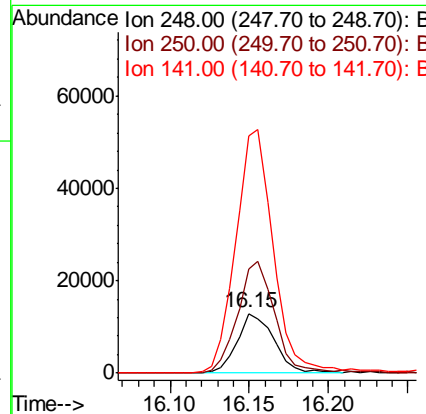
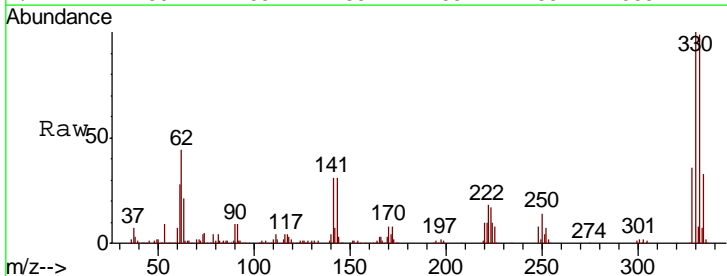
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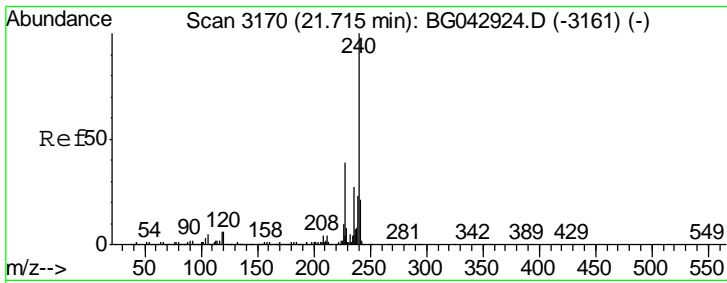
Tgt Ion	Resp	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	7.3	6.5	9.7



#67
 4-Bromophenyl-phenylether
 Concen: 4.733 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.46 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
248	100		
250	175.5	75.8	113.8#
141	397.3	51.1	76.7#

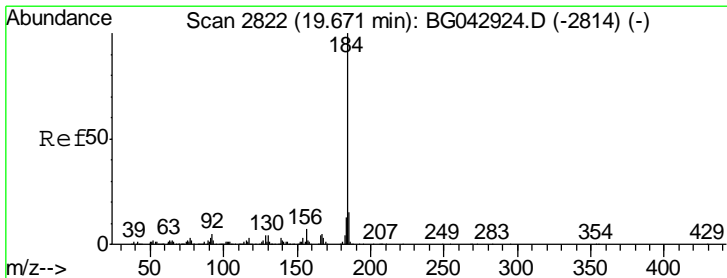
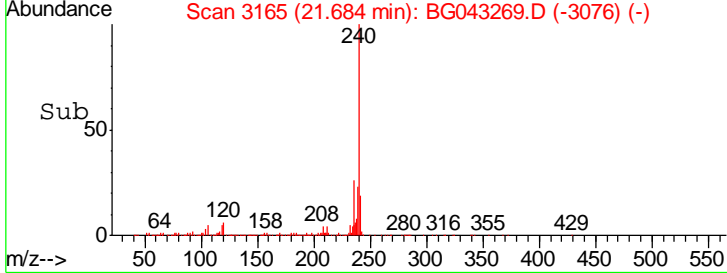
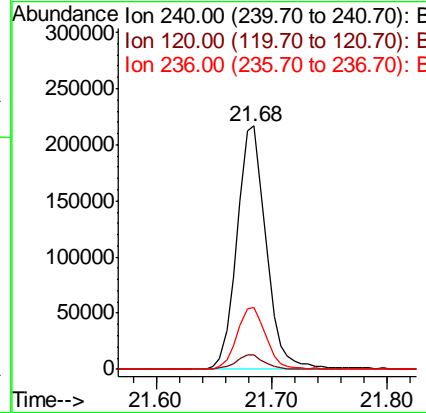
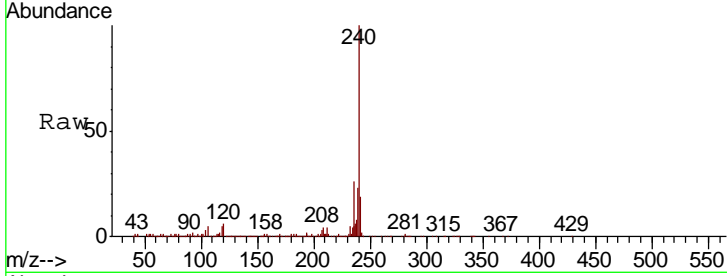




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

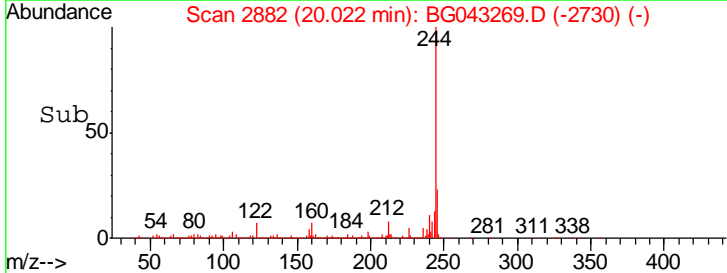
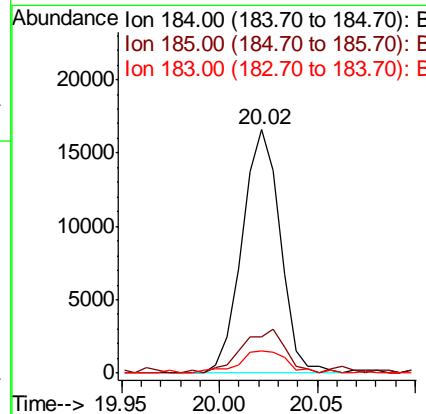
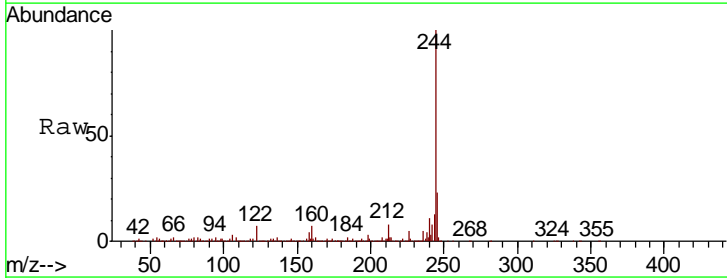
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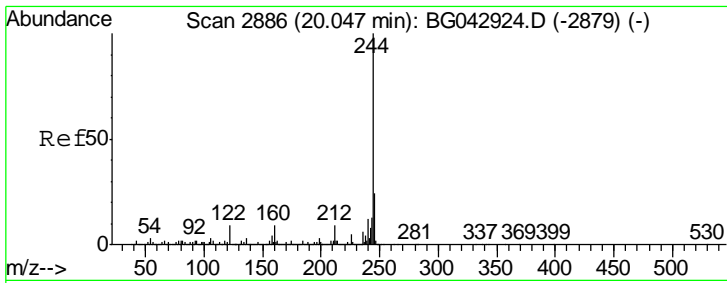
Tgt Ion	Resp	Lower	Upper
240	379508		
120	5.7	4.8	7.2
236	25.6	21.4	32.0



#77
 Benzidine
 Concen: 2.365 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.36 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Resp	Lower	Upper
184	22473		
185	15.0	11.8	17.8
183	8.9	10.1	15.1#

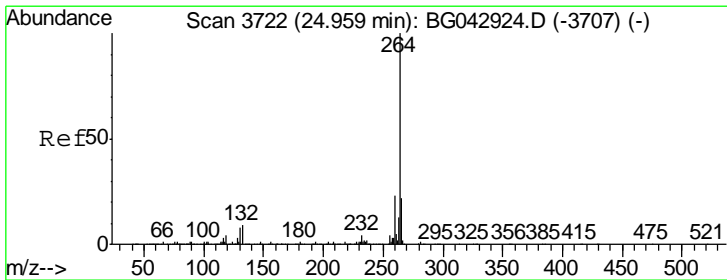
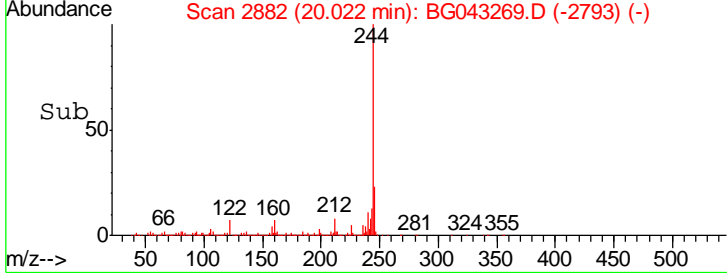
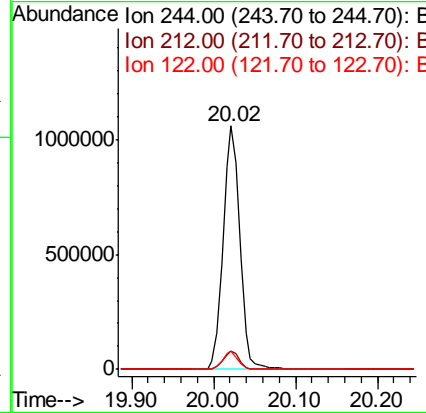
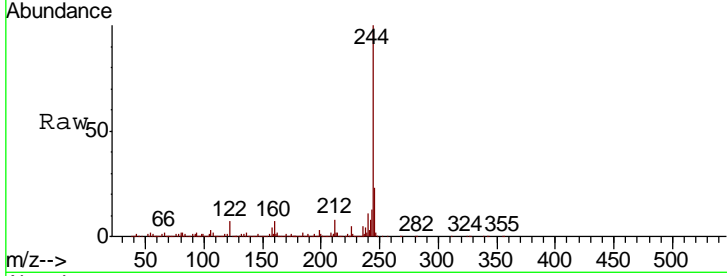




#79
 Terphenyl-d14
 Concen: 84.749 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Instrument :
 BNA_G
ClientSampled :
 20190883-FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.4	11.0
122	7.4	7.0	10.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG043269.D
 Acq: 17 Oct 2019 19:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	21.4	17.7	26.5

