

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041124.D
 Acq On : 8 Jun 2019 7:55
 Operator : HP/JU
 Sample : K3236-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48970

Quant Time: Jun 08 18:23:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44314	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	186403	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	141907	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	334680	20.00	ng	0.00
76) Chrysene-d12	21.75	240	331780	20.00	ng	0.00
87) Perylene-d12	25.07	264	354613	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	156868	63.83	ng	0.00
7) Phenol-d6	7.25	99	153506	40.45	ng	0.00
23) Nitrobenzene-d5	9.28	82	369726	88.05	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	273426	129.79	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924687	93.84	ng	0.00
79) Terphenyl-d14	20.07	244	1401254	89.64	ng	0.00

Target Compounds

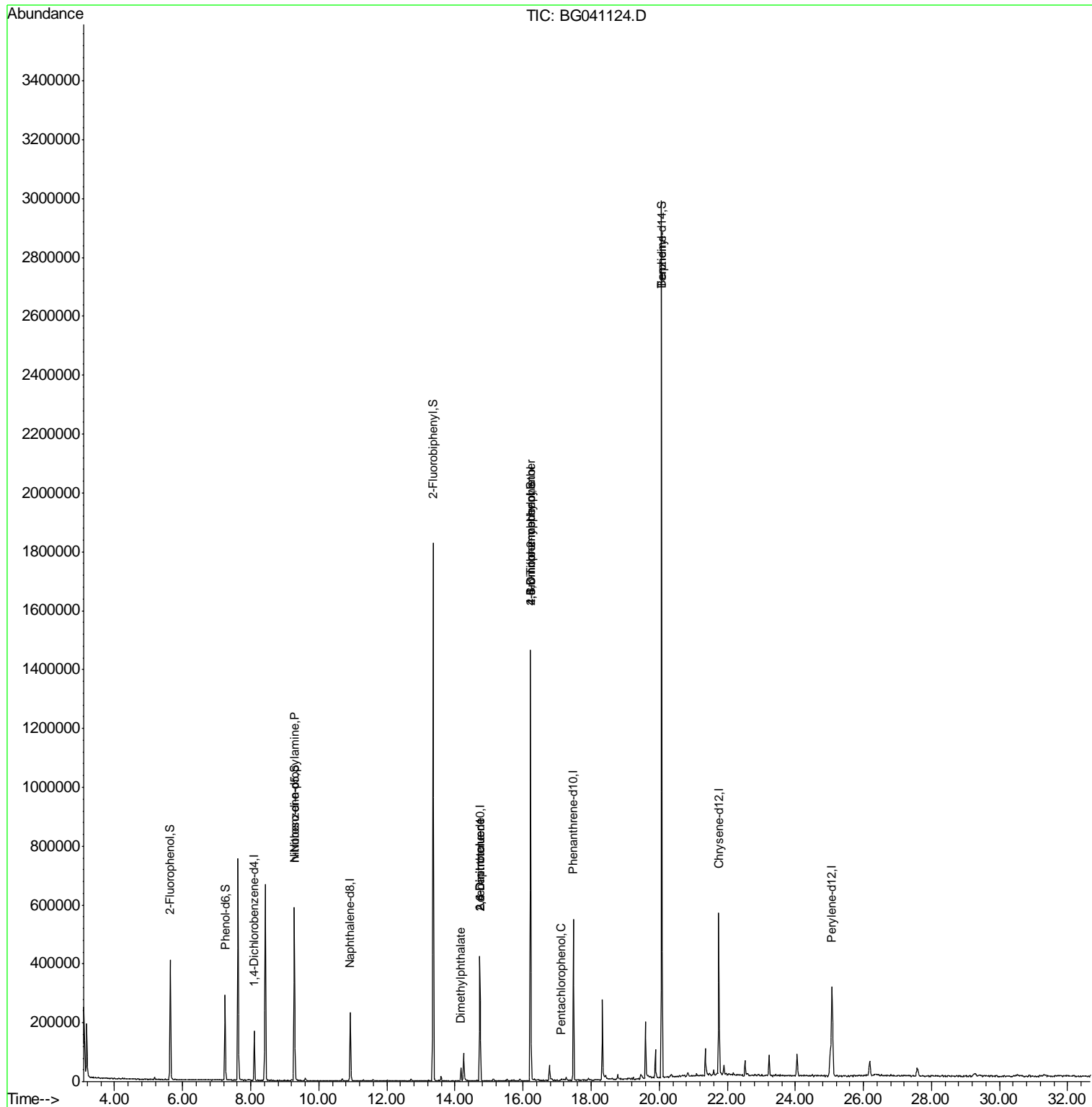
						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	53638	18.365	ng	# 71
50) Dimethylphthalate	14.18	163	27387	2.280	ng	# 98
51) 2,6-Dinitrotoluene	14.73	165	19006	7.338	ng	# 20
57) 2,4-Dinitrotoluene	14.73	165	19006	5.195	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.22	198	900	9.002	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19702	4.362	ng	# 1
70) Pentachlorophenol	17.12	266	1027	4.633	ng	# 71
77) Benzidine	20.07	184	22817	2.883	ng	# 91

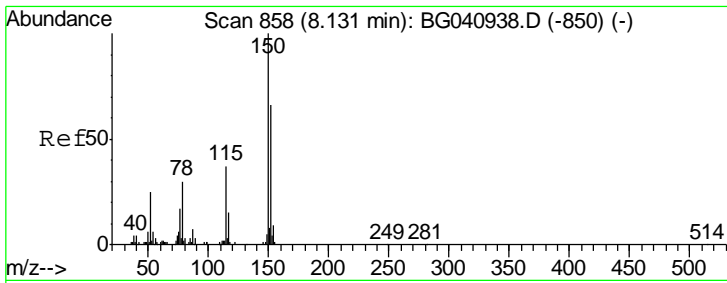
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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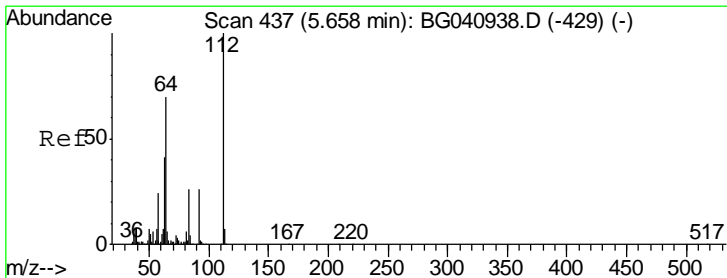
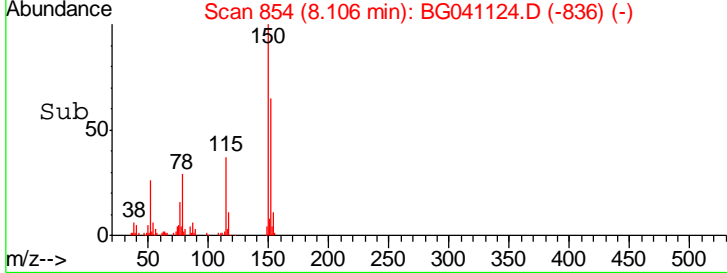
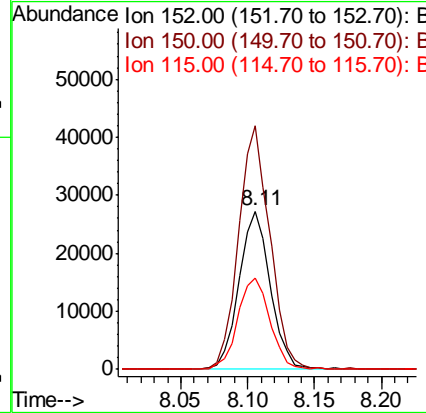
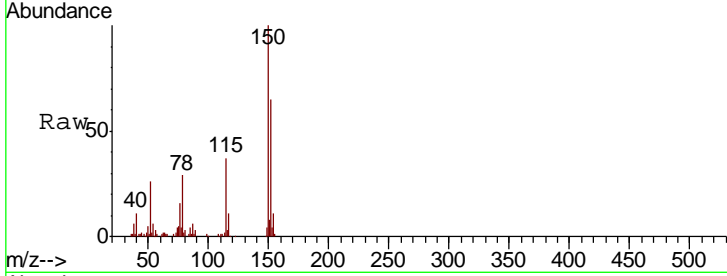




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

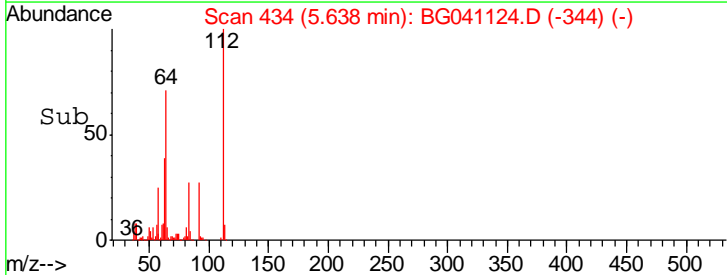
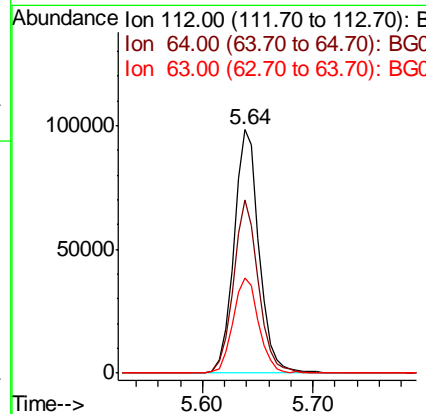
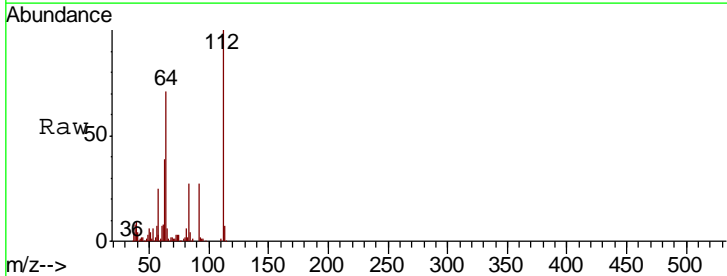
Instrument :
 BNA_G
ClientSampled :
 N48970

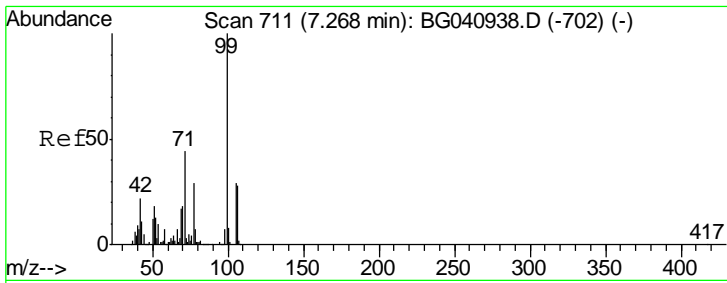
Tgt Ion	Resp	Lower	Upper
152	44314		
152	100		
150	154.2	111.7	167.5
115	57.5	48.6	73.0



#5
 2-Fluorophenol
 Concen: 63.832 ng
 RT: 5.64 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
112	156868		
112	100		
64	70.9	54.5	81.7
63	39.3	32.2	48.2

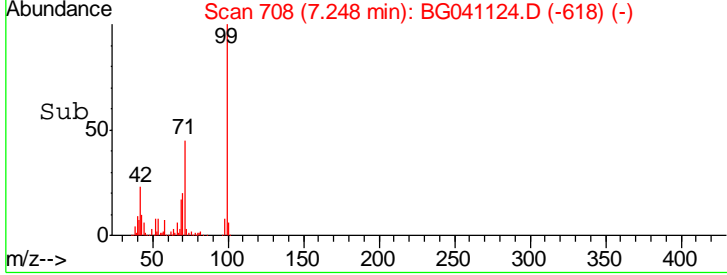
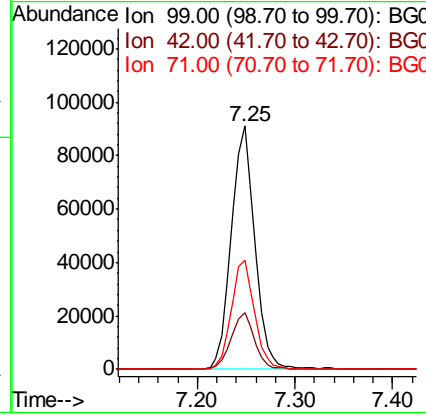
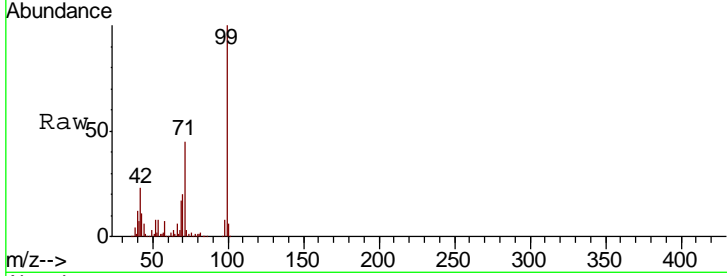




#7
 Phenol-d6
 Concen: 40.446 ng
 RT: 7.25 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

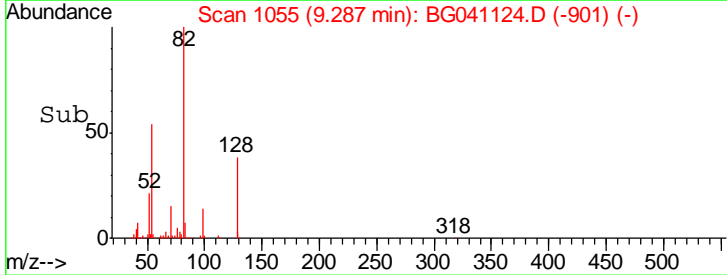
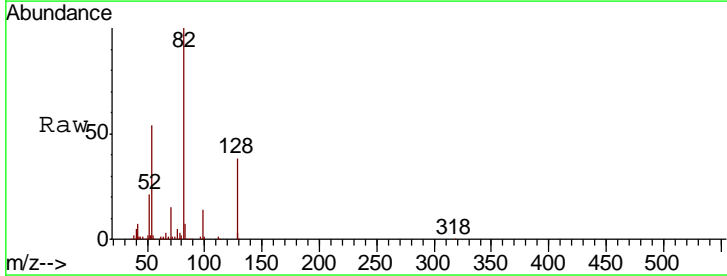
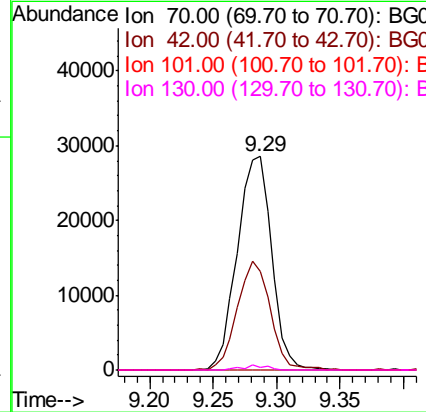
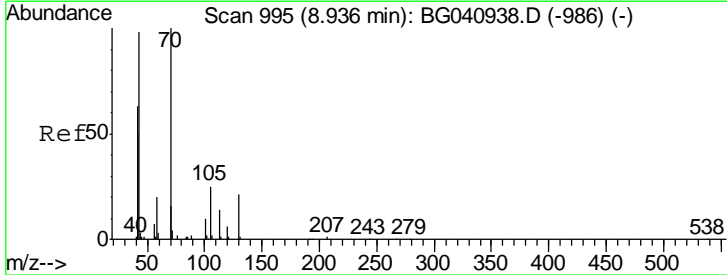
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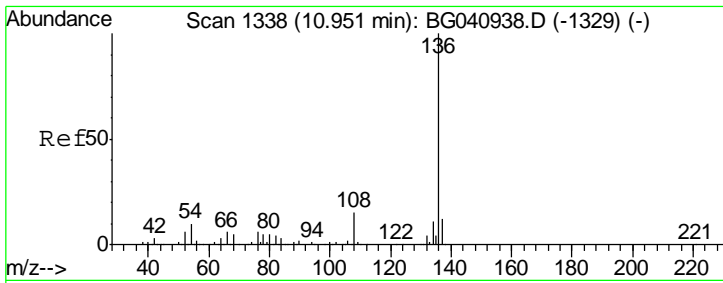
Tgt Ion	Resp	Lower	Upper
99	153506		
42	23.3	18.8	28.2
71	44.8	35.6	53.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 18.365 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.37 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
70	53638		
42	46.3	53.1	79.7#
101	0.0	8.0	12.0#
130	1.2	16.6	24.8#

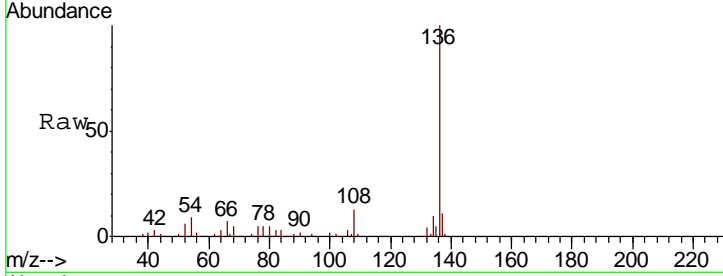




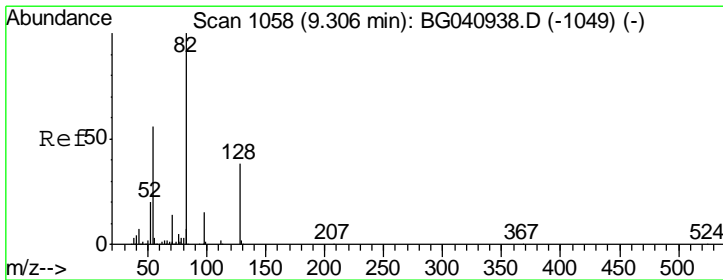
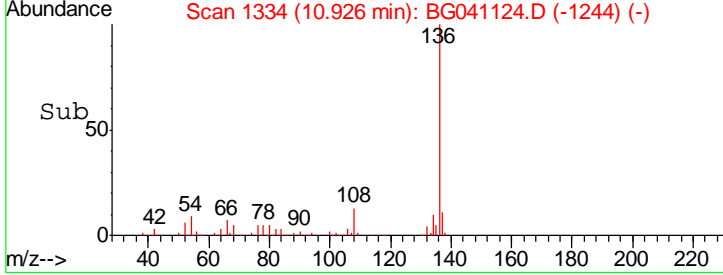
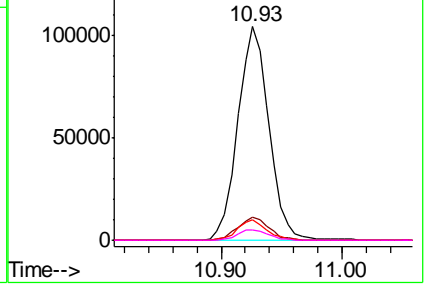
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Instrument :
 BNA_G
 ClientSampled :
 N48970

Tgt Ion	Resp	Lower	Upper
136	186403		
137	11.0	8.9	13.3
54	9.8	7.4	11.2
68	4.5	4.0	6.0

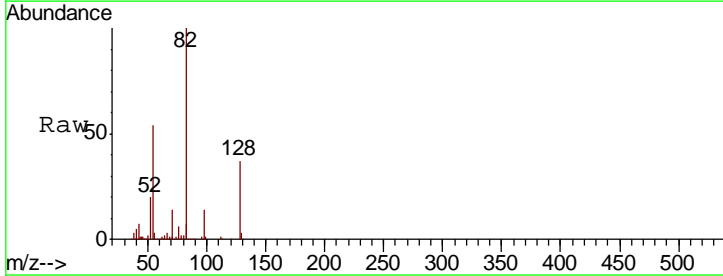


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

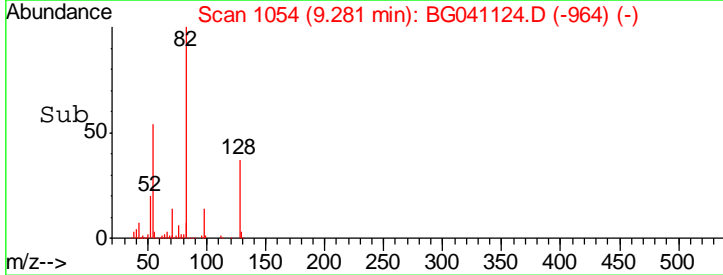
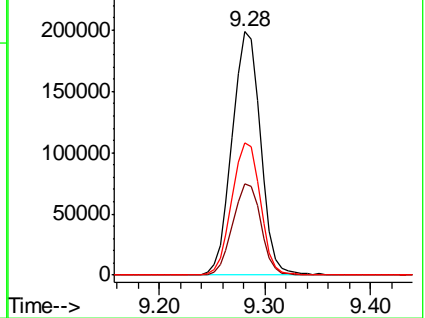


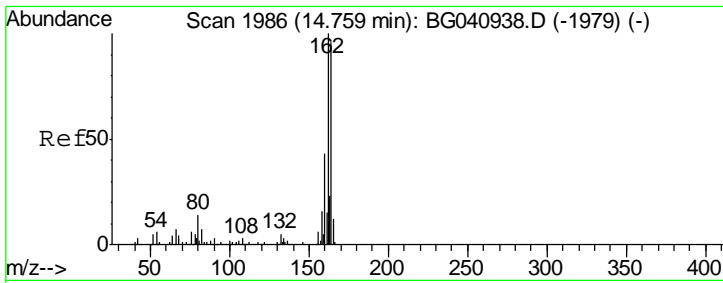
#23
 Nitrobenzene-d5
 Concen: 88.054 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
82	369726		
128	37.4	29.8	44.6
54	54.2	43.6	65.4



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

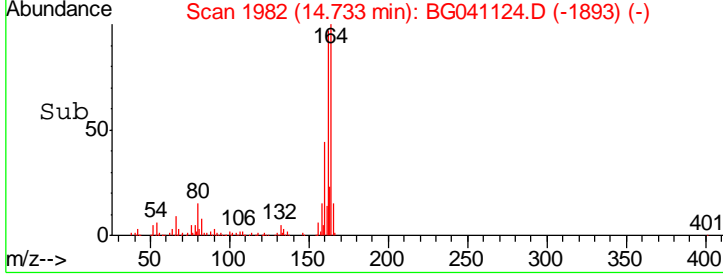
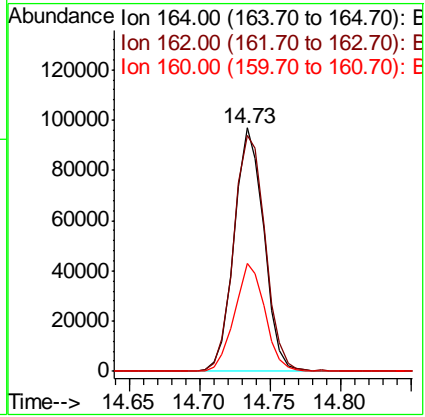
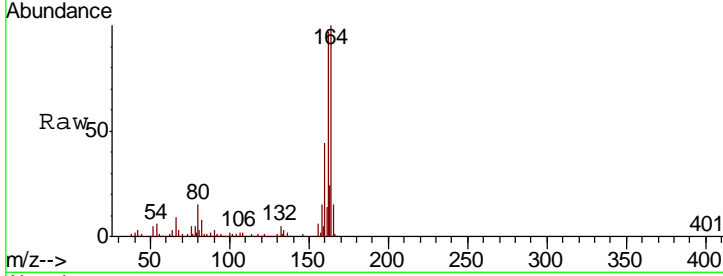




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

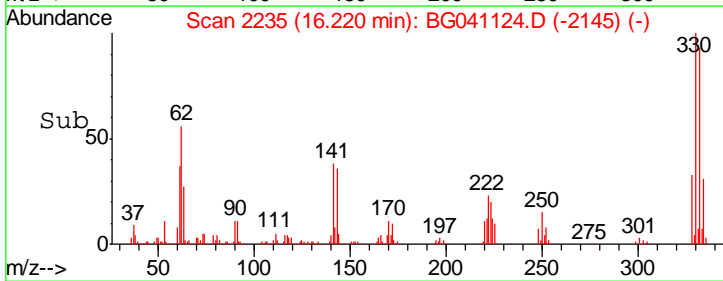
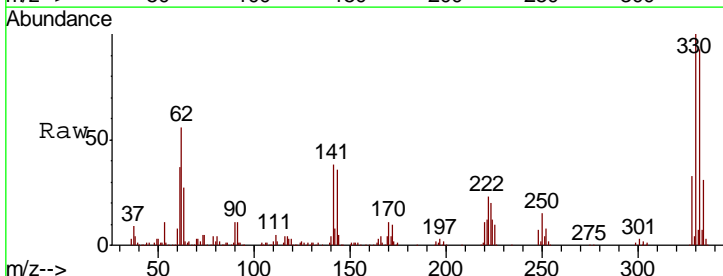
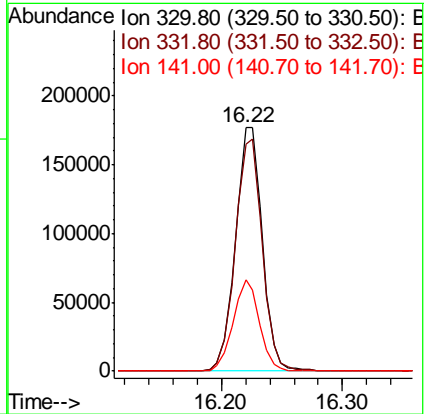
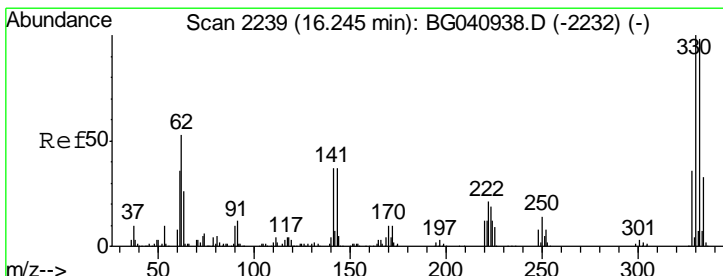
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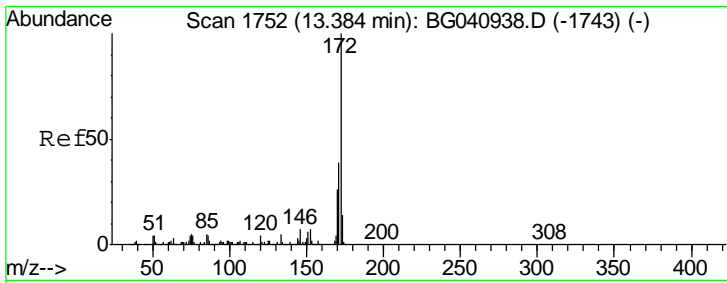
Tgt Ion	Resp	Lower	Upper
164	100		
162	96.8	85.4	128.0
160	44.2	37.1	55.7



#42
 2,4,6-Tribromophenol
 Concen: 129.788 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.9	77.9	116.9
141	37.2	29.0	43.4

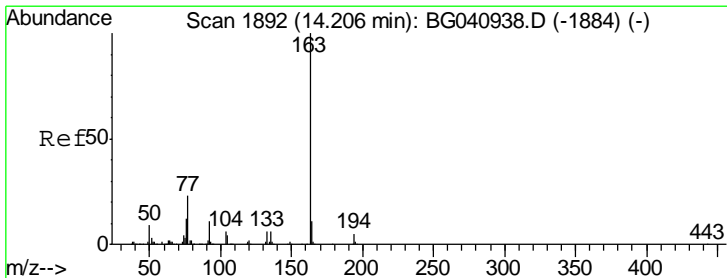
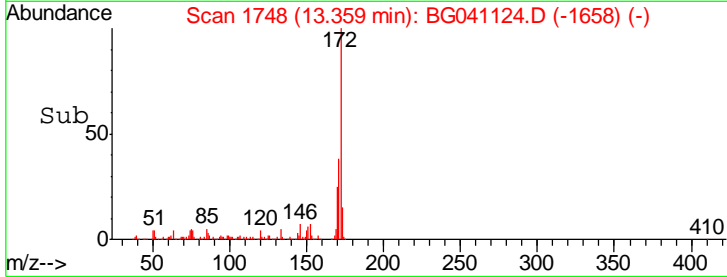
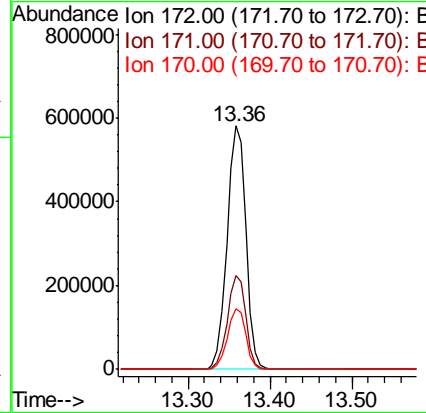
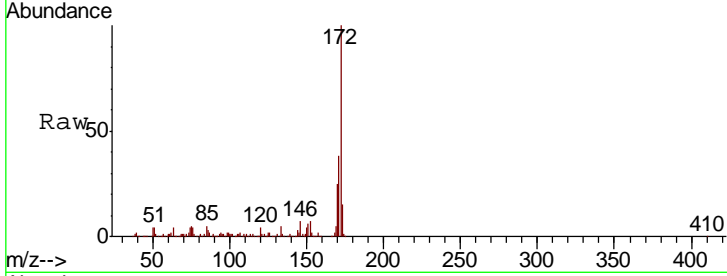




#45
 2-Fluorobiphenyl
 Concen: 93.839 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

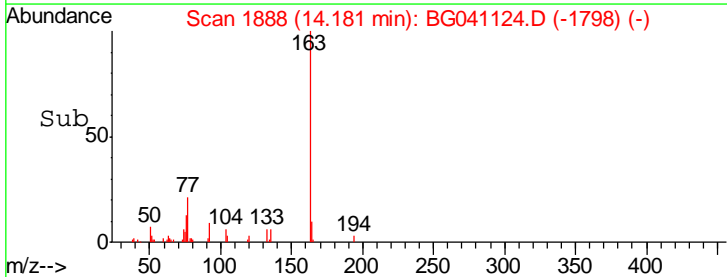
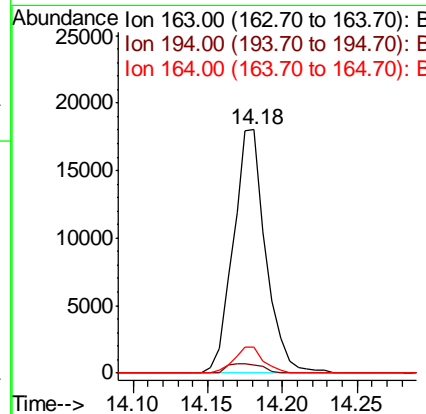
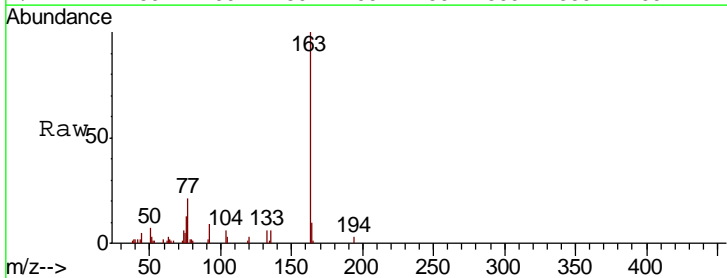
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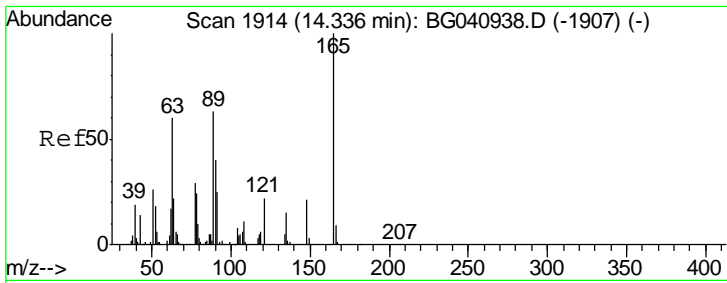
Tgt Ion	Resp	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	24.9	21.3	31.9



#50
 Dimethylphthalate
 Concen: 2.280 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.1	3.8	5.6#
164	10.5	8.3	12.5

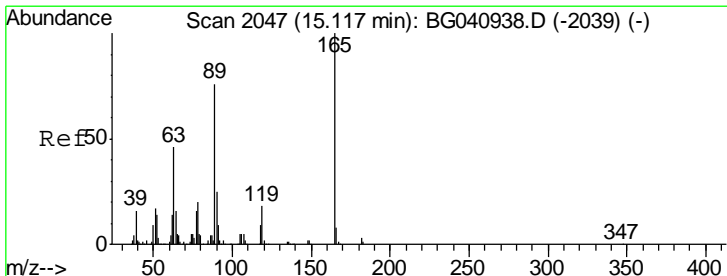
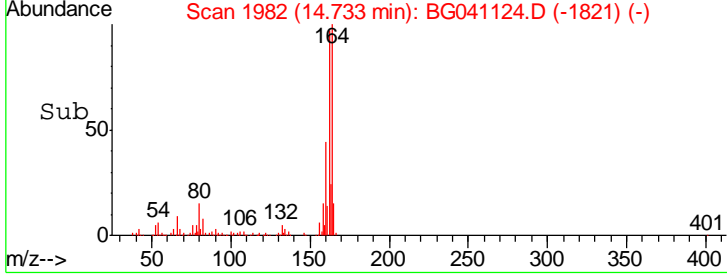
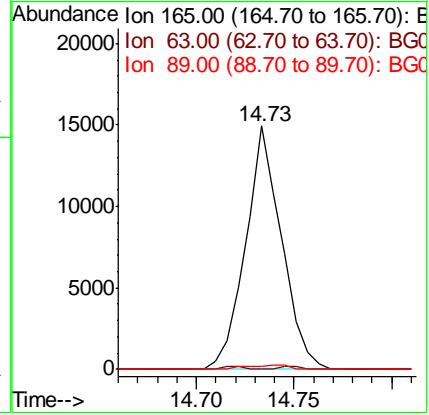
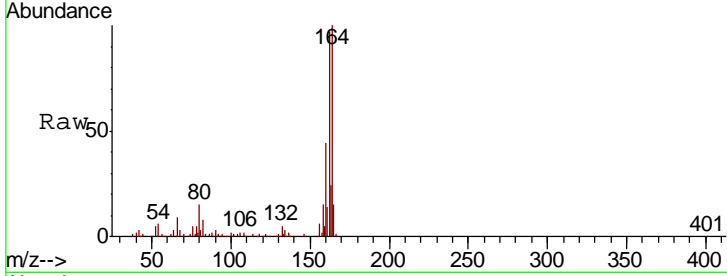




#51
 2,6-Dinitrotoluene
 Concen: 7.338 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.41 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

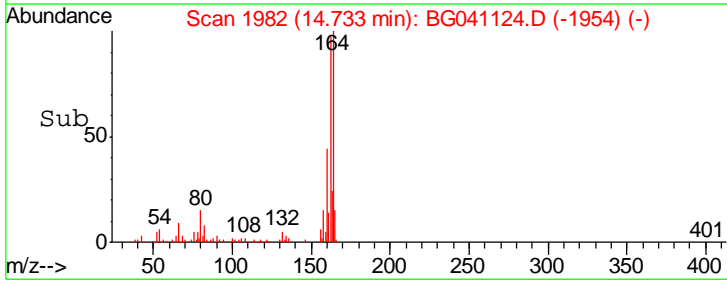
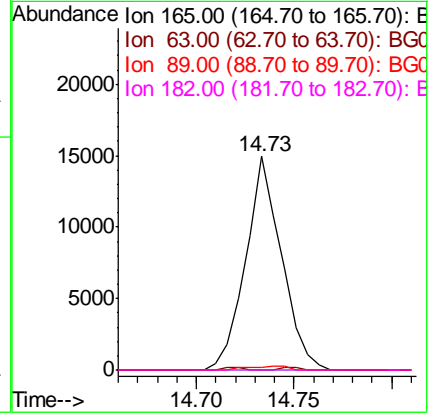
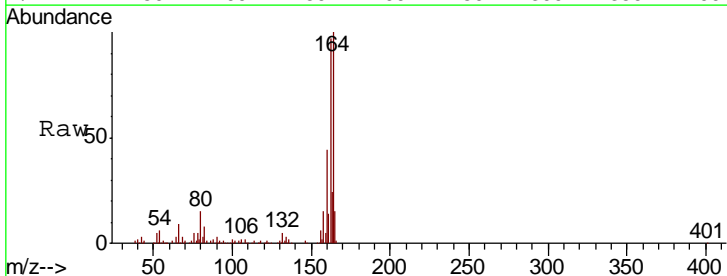
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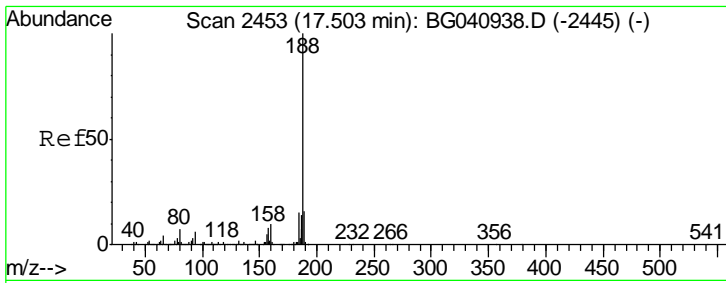
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	48.6	73.0#
89	1.2	51.1	76.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.195 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.37 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	38.1	57.1#
89	1.2	60.7	91.1#
182	0.0	2.4	3.6#

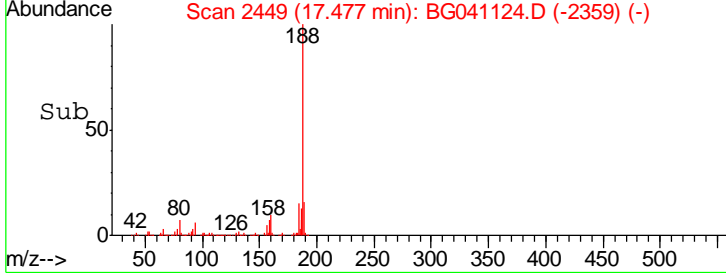
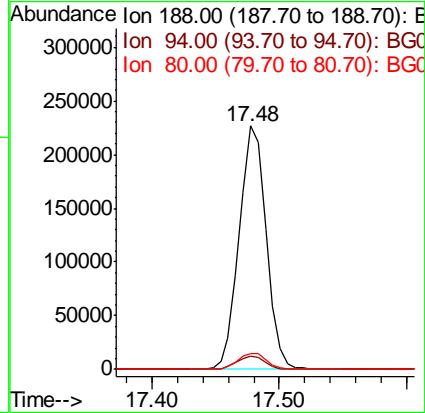
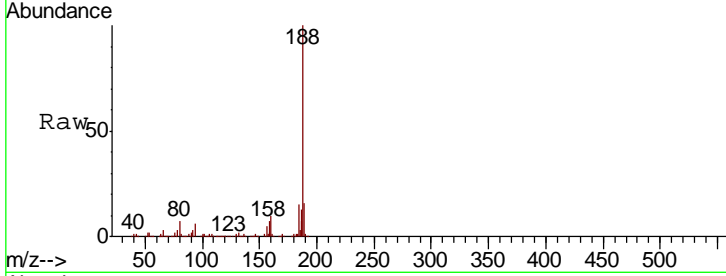




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

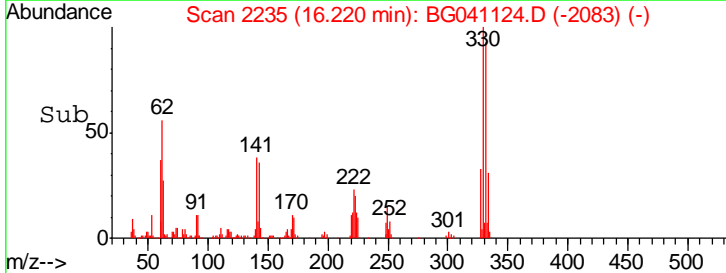
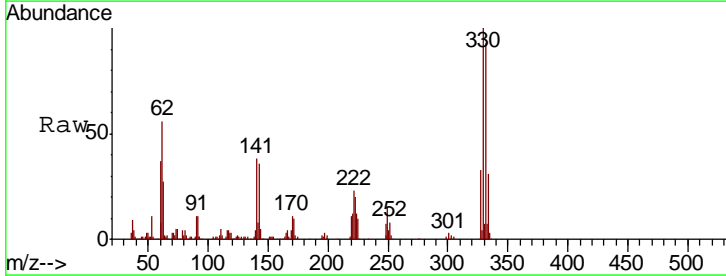
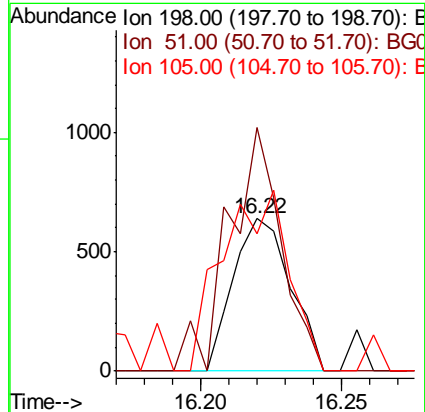
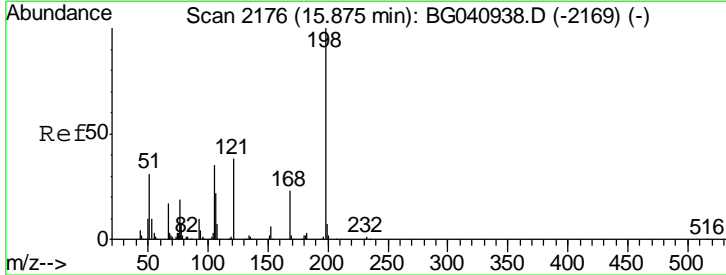
Instrument :
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 ClientSampled :
 N48970

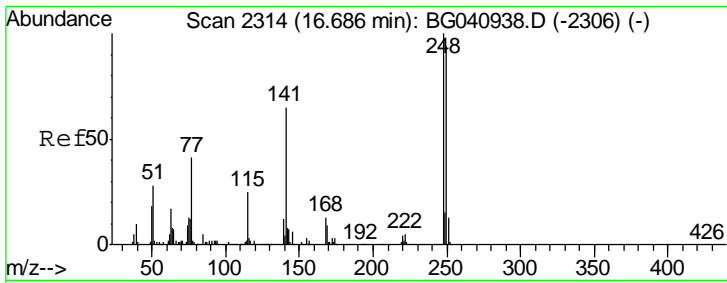
Tgt Ion	Resp	Lower	Upper
188	100		
94	5.6	4.6	7.0
80	6.5	5.8	8.8



#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.002 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. 0.36 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
198	100		
51	159.9	22.9	62.9#
105	90.0	19.1	59.1#

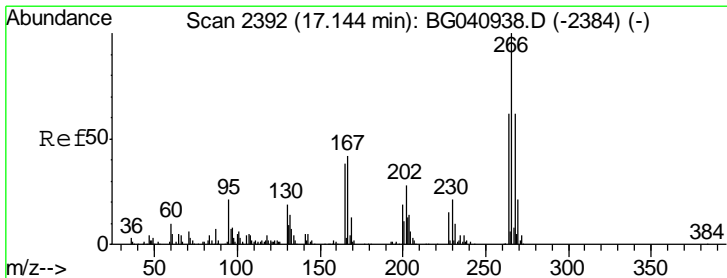
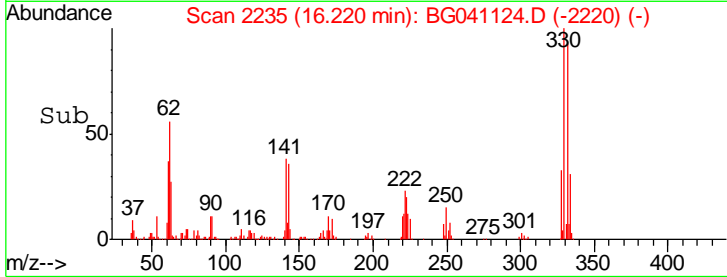
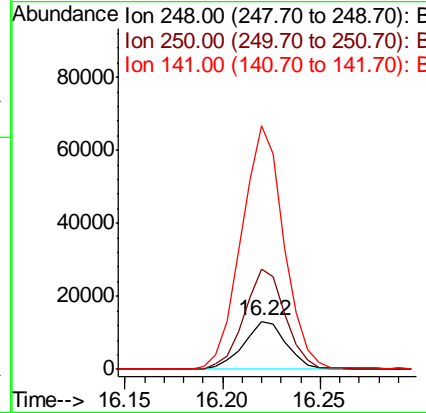
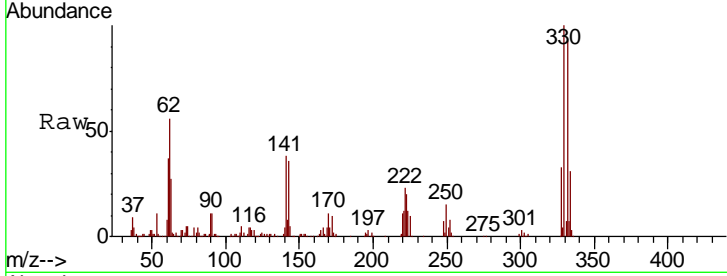




#67
 4-Bromophenyl-phenylether
 Concen: 4.362 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.44 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

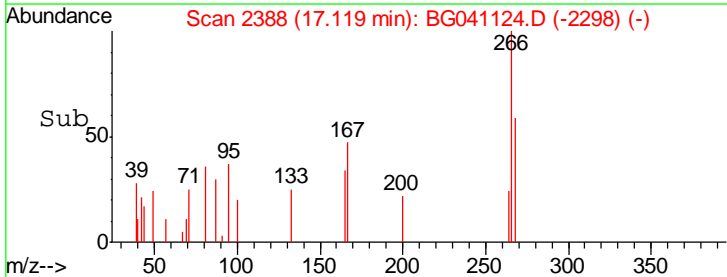
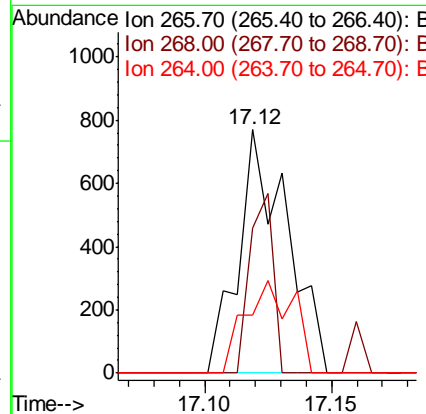
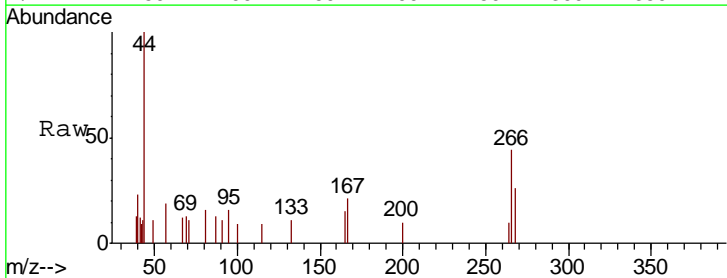
Instrument :
 BNA_G
 ClientSampled :
 N48970

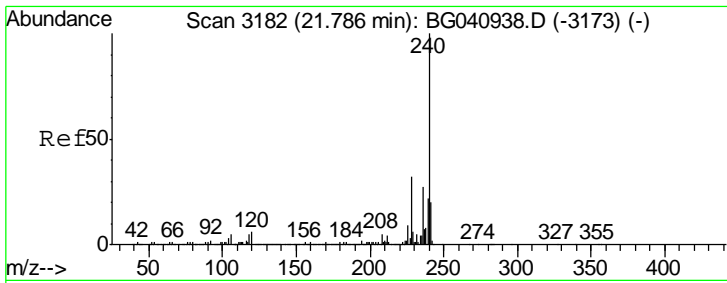
Tgt Ion	Resp	Lower	Upper
248	19702		
250	209.4	80.9	121.3#
141	509.9	56.1	84.1#



#70
 Pentachlorophenol
 Concen: 4.633 ng
 RT: 17.12 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
266	1027		
268	59.4	52.4	78.6
264	23.8	50.5	75.7#

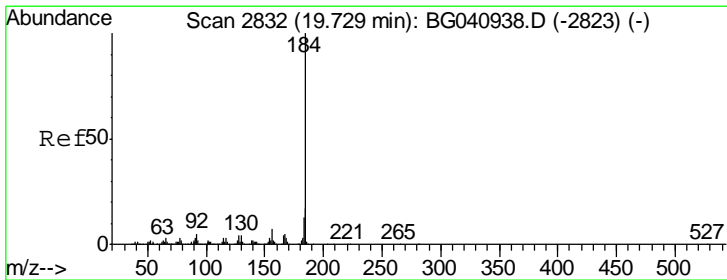
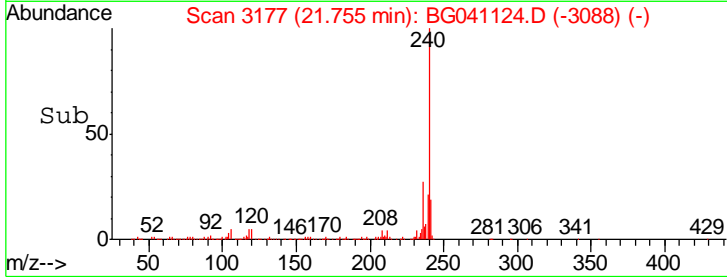
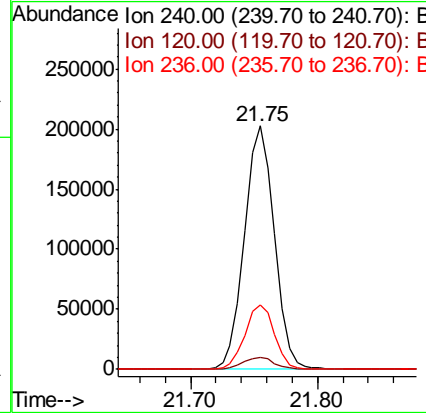
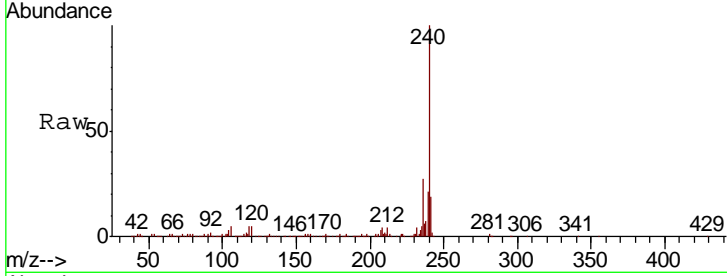




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

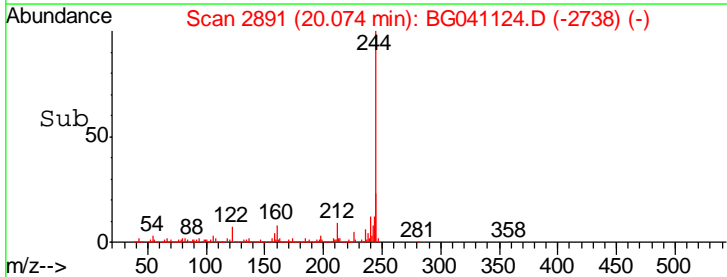
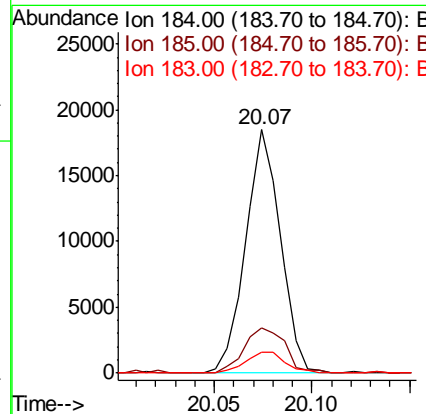
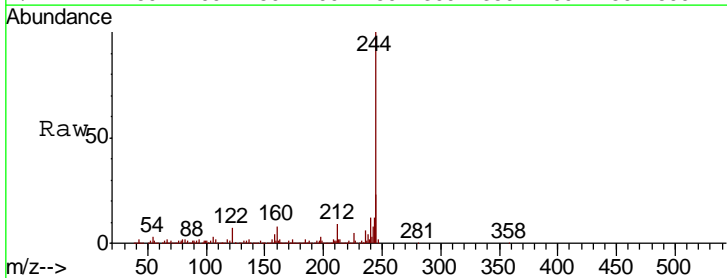
Instrument :
 BNA_G
 ClientSampled :
 N48970

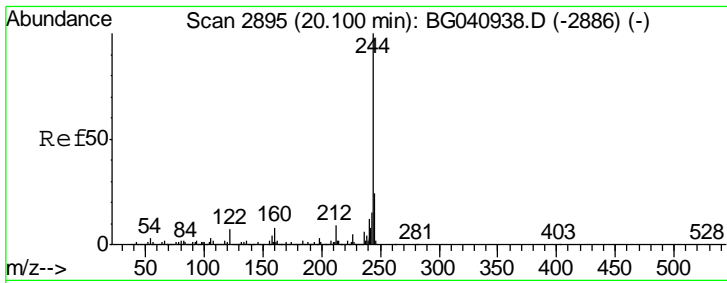
Tgt Ion	Resp	Lower	Upper
240	331780		
120	5.1	4.6	6.8
236	26.6	20.6	31.0



#77
 Benzidine
 Concen: 2.883 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.37 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Resp	Lower	Upper
184	22817		
185	18.7	12.6	18.8
183	8.7	10.2	15.4#

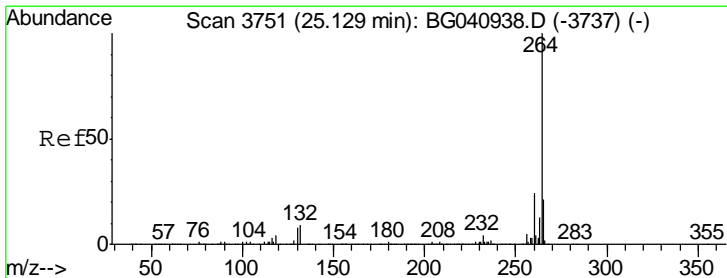
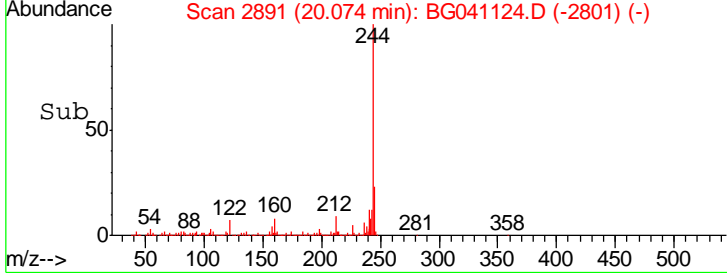
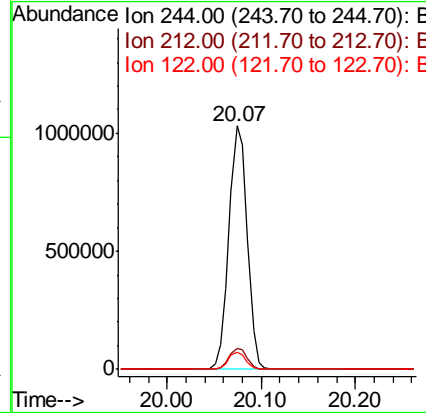
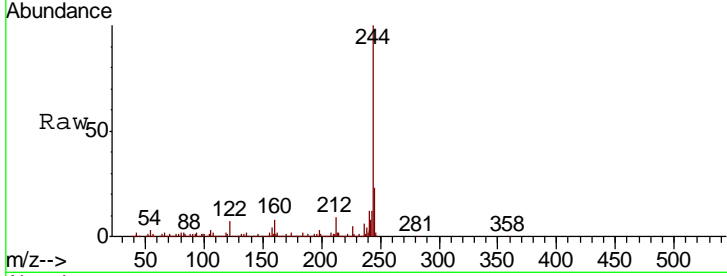




#79
 Terphenyl-d14
 Concen: 89.636 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Instrument :
 BNA_G
 ClientSampled :
 N48970

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	7.2	5.4	8.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3742
 Delta R.T. -0.01 min
 Lab File: BG041124.D
 Acq: 8 Jun 2019 7:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.2	17.6	26.4

