

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
 Data File : BG042447.D
 Acq On : 23 Aug 2019 23:56
 Operator : HP/JU
 Sample : K4474-38
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-2-K1-K4

Quant Time: Aug 24 02:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69973	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	277993	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	196367	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	430876	20.00	ng	0.00
76) Chrysene-d12	21.69	240	425916	20.00	ng	0.00
87) Perylene-d12	24.93	264	490103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	466518	135.03	ng	0.00
7) Phenol-d6	7.17	99	580090	124.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	407348	101.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	339187	121.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1110284	95.63	ng	0.00
79) Terphenyl-d14	20.03	244	1764137	89.55	ng	0.00

Target Compounds

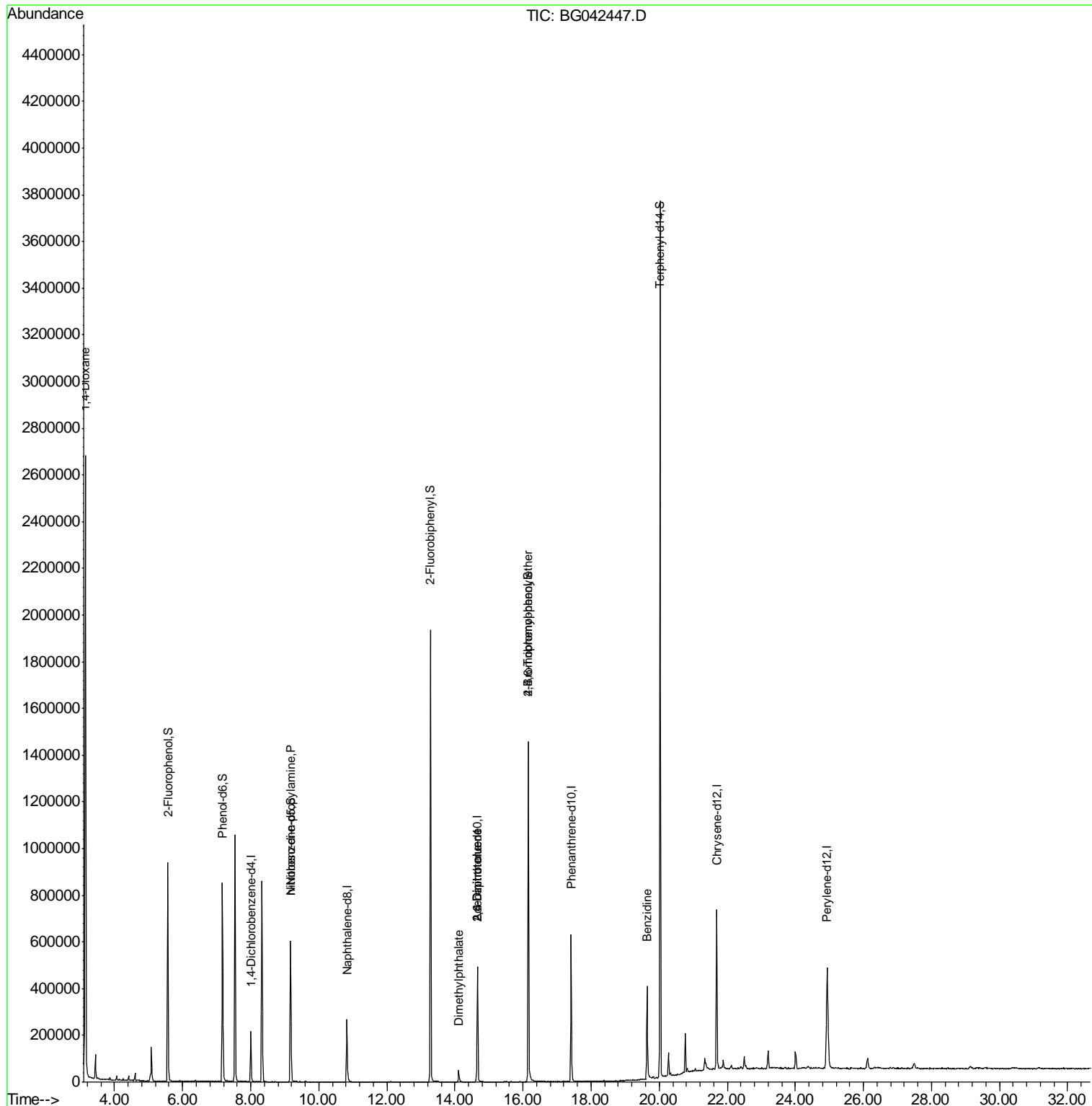
						Qvalue
2) 1,4-Dioxane	3.14	88	32191	22.327	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	51360	16.987	ng	# 75
50) Dimethylphthalate	14.11	163	52997	3.740	ng	99
51) 2,6-Dinitrotoluene	14.66	165	26782	8.155	ng	# 38
57) 2,4-Dinitrotoluene	14.66	165	26782	5.695	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	24358	4.457	ng	# 1
77) Benzidine	19.64	184	286829	23.489	ng	99

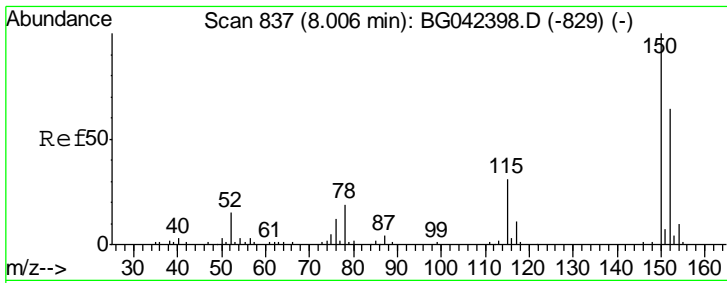
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 T1-2-K1-K4

Quant Time: Aug 24 02:11:55 2019
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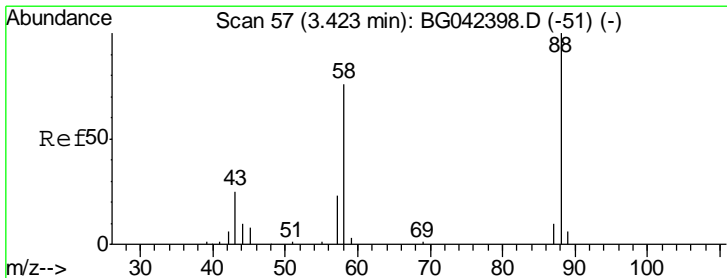
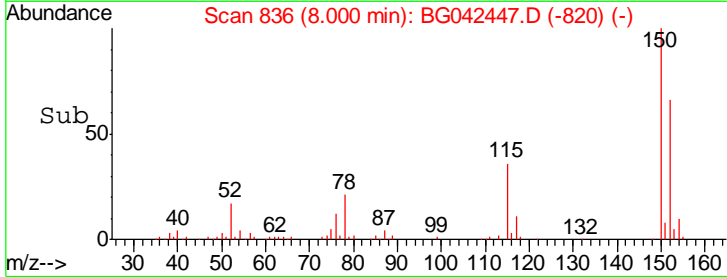
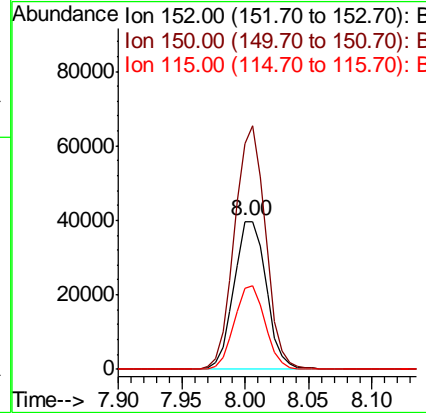
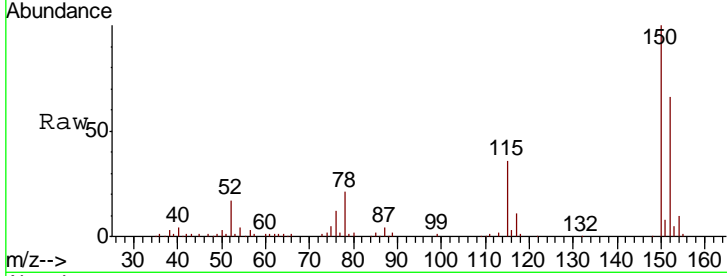




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

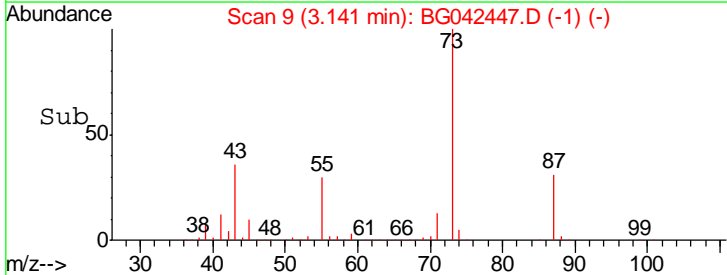
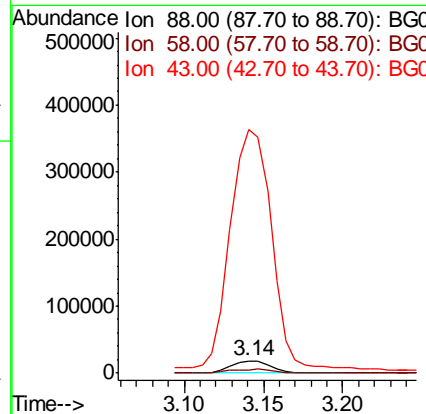
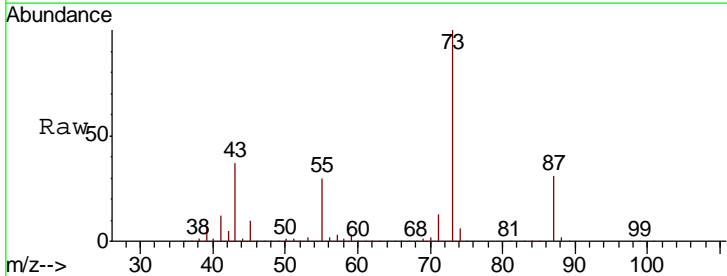
Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

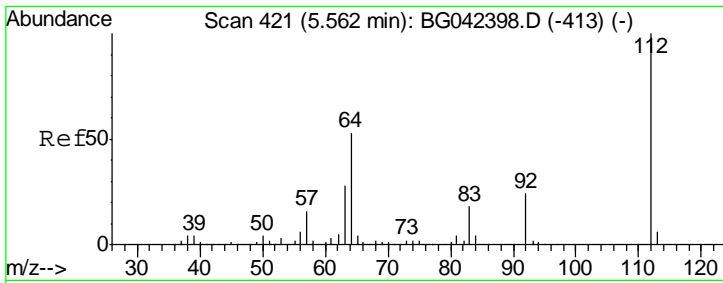
Tgt Ion	Resp	Lower	Upper
152	69973		
150	152.6	125.4	188.0
115	54.5	38.5	57.7



#2
 1,4-Dioxane
 Concen: 22.327 ng
 RT: 3.14 min Scan# 9
 Delta R.T. -0.28 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
88	32191		
58	26.2	58.3	87.5#
43	2032.5	20.2	30.2#

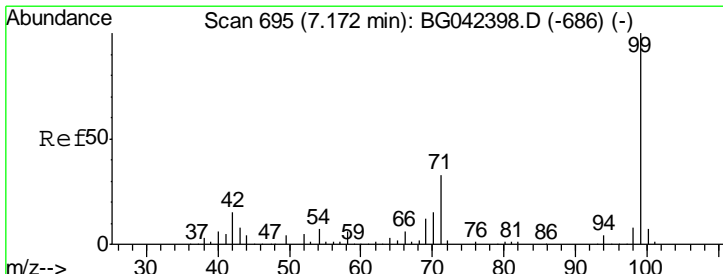
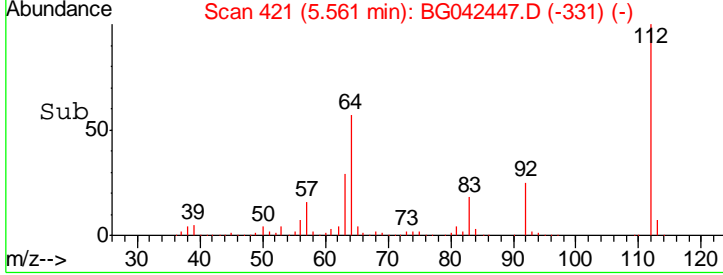
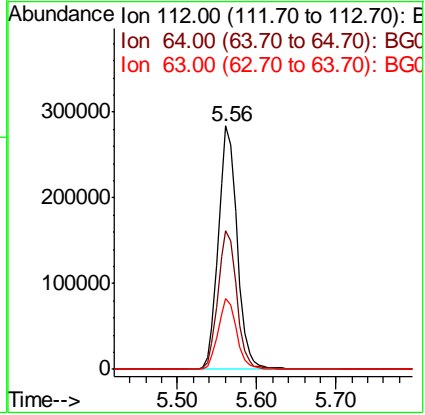
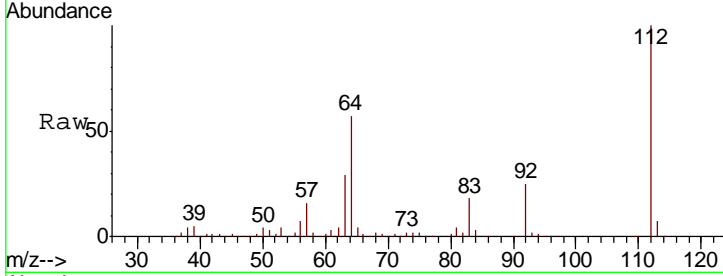




#5
 2-Fluorophenol
 Concen: 135.028 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

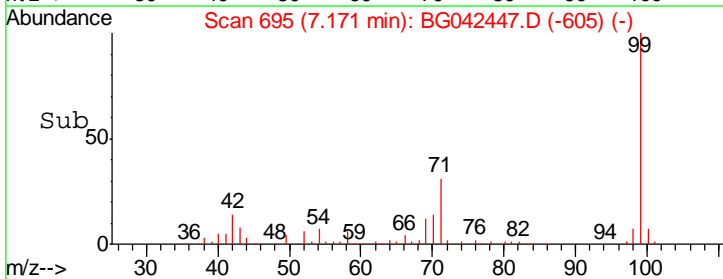
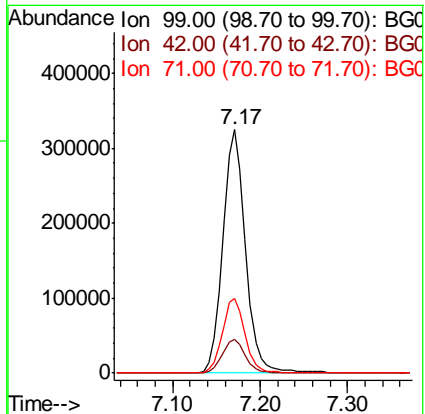
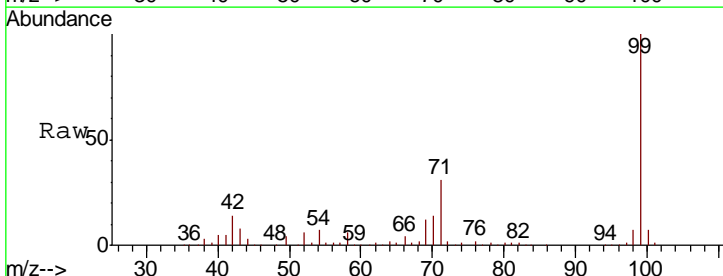
Instrument :
 BNA_G
ClientSampled :
 T1-2-K1-K4

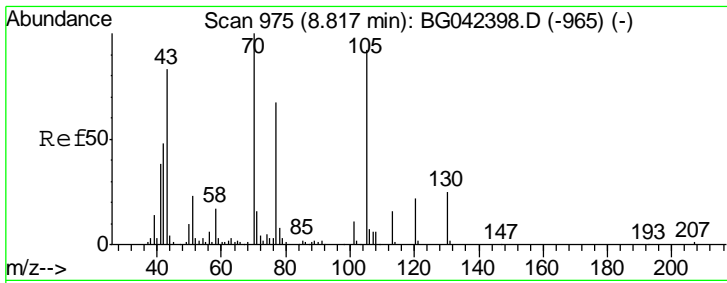
Tgt Ion	Resp	Lower	Upper
112	466518		
64	56.8	42.8	64.2
63	28.9	22.7	34.1



#7
 Phenol-d6
 Concen: 124.300 ng
 RT: 7.17 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
99	580090		
42	14.1	12.0	18.0
71	30.8	26.3	39.5

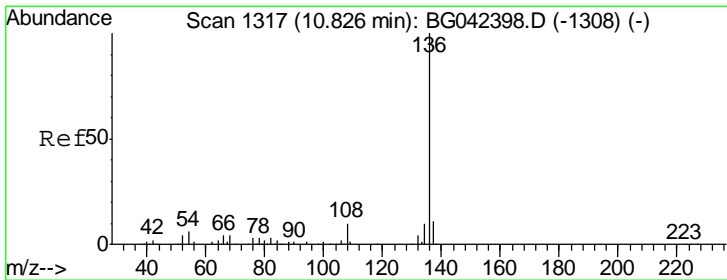
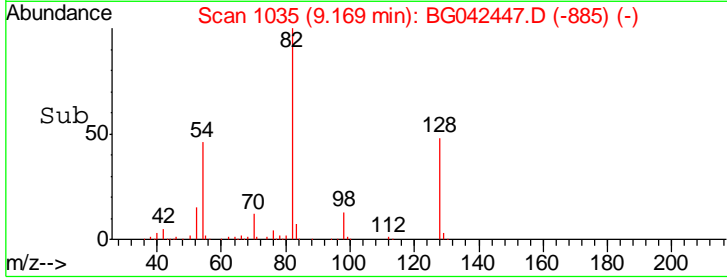
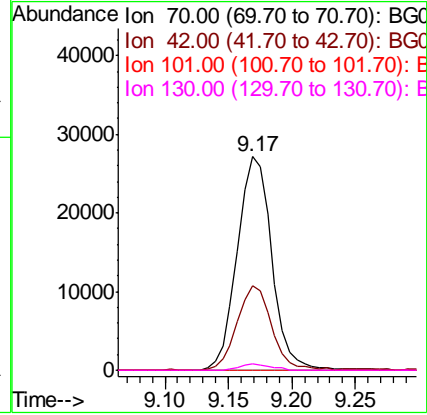
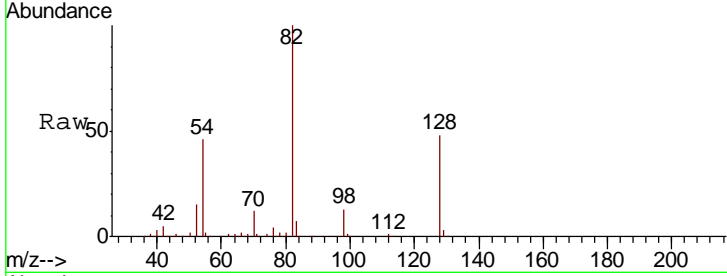




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.987 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.35 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

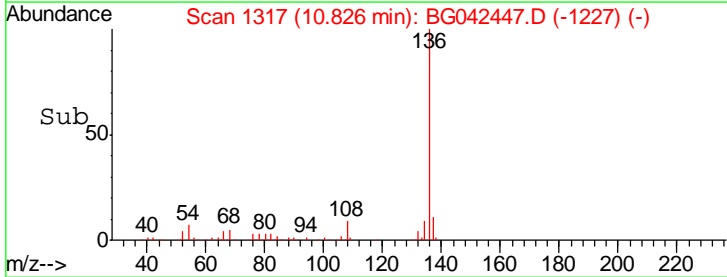
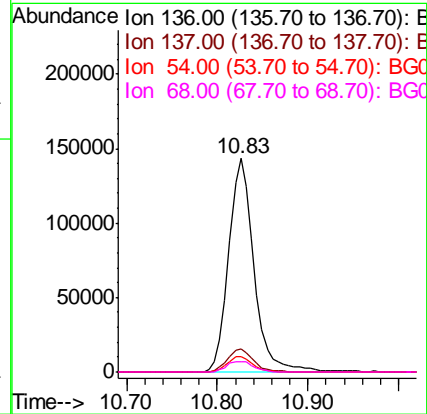
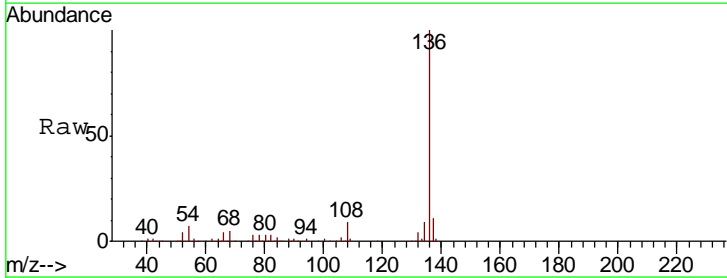
Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

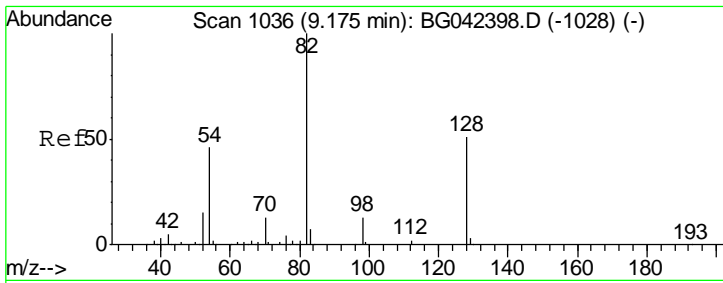
Tgt Ion	Resp	Lower	Upper
70	100		
42	39.5	38.8	58.2
101	0.0	9.0	13.6#
130	2.8	20.0	30.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	4.9	7.3
68	4.8	3.6	5.4

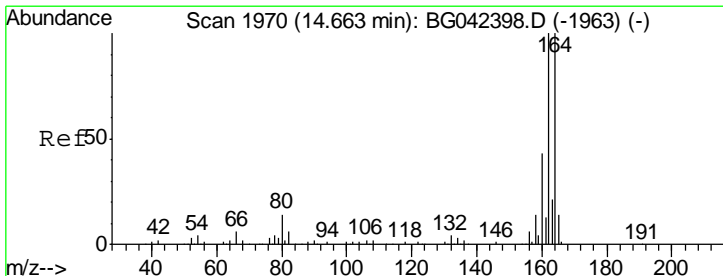
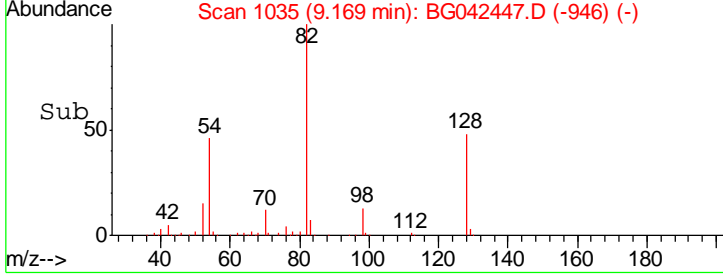
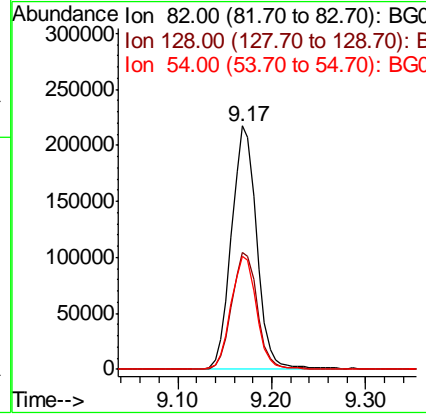
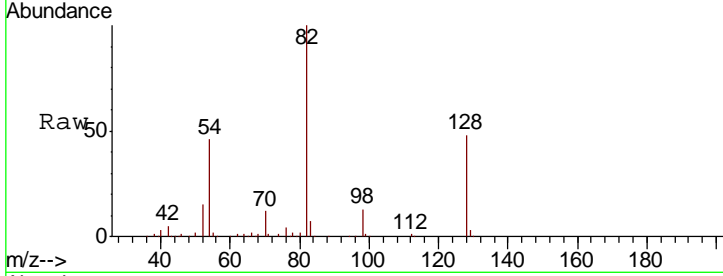




#23
 Nitrobenzene-d5
 Concen: 101.259 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

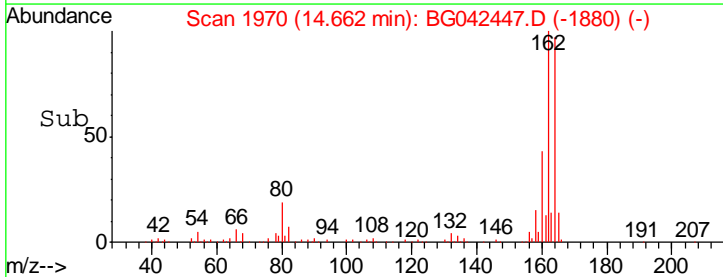
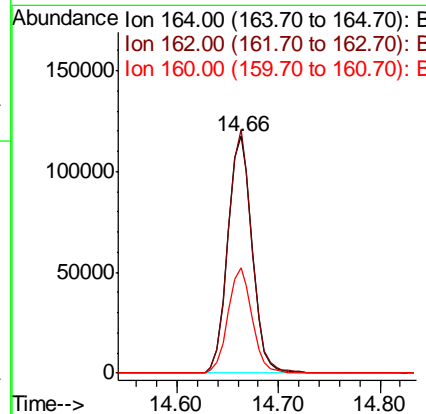
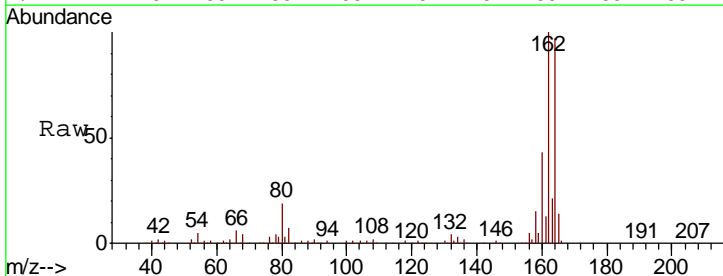
Instrument :
 BNA_G
ClientSampled :
 T1-2-K1-K4

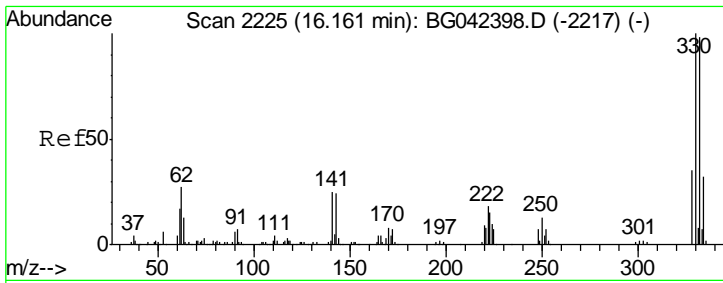
Tgt Ion	Resp	Lower	Upper
82	407348		
128	48.0	40.7	61.1
54	46.4	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
164	196367		
162	102.7	79.9	119.9
160	44.5	34.3	51.5

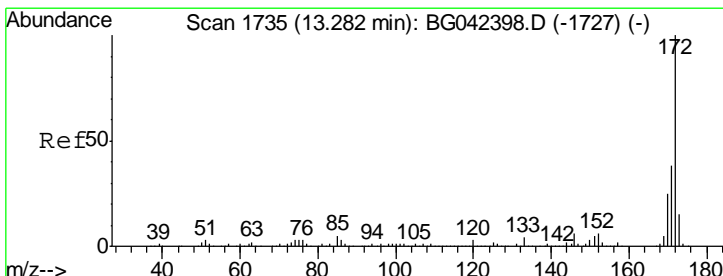
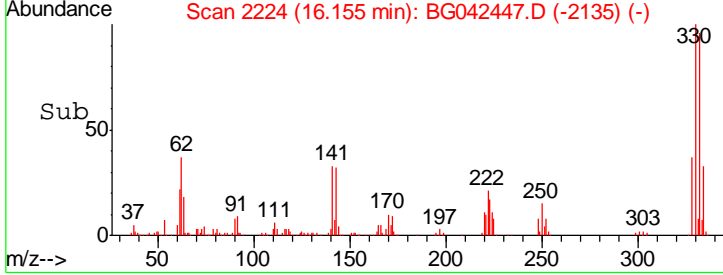
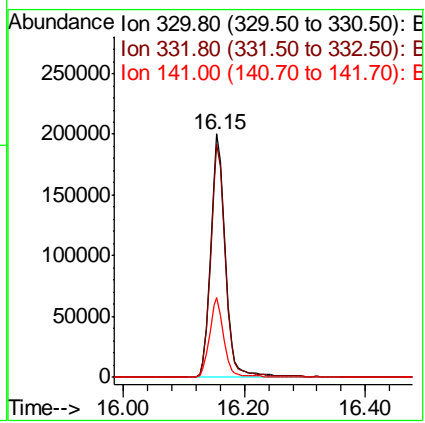
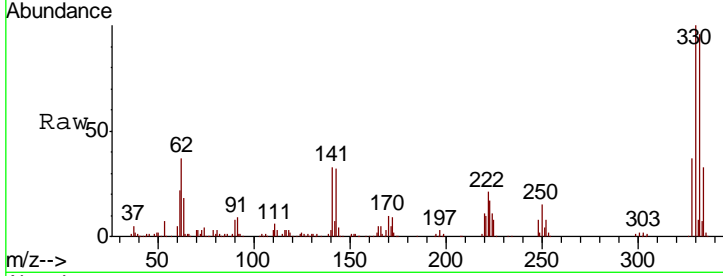




#42
 2,4,6-Tribromophenol
 Concen: 121.527 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

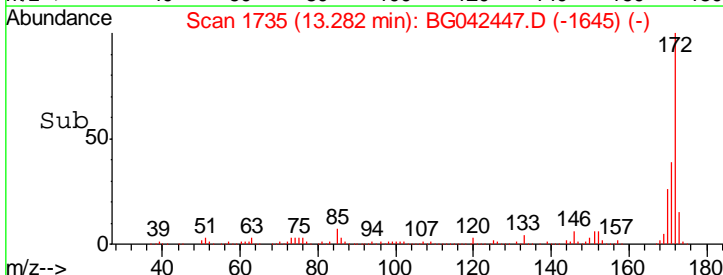
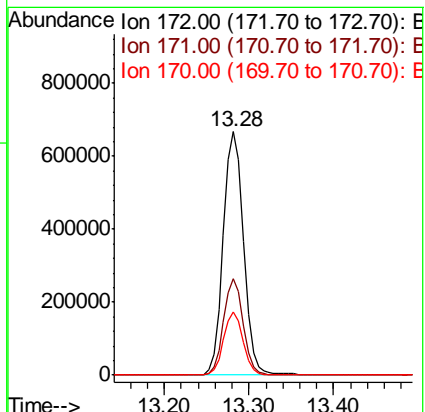
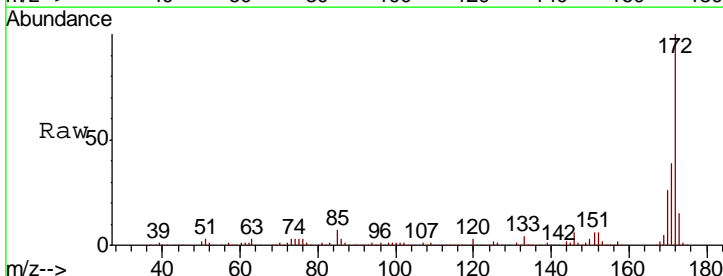
Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

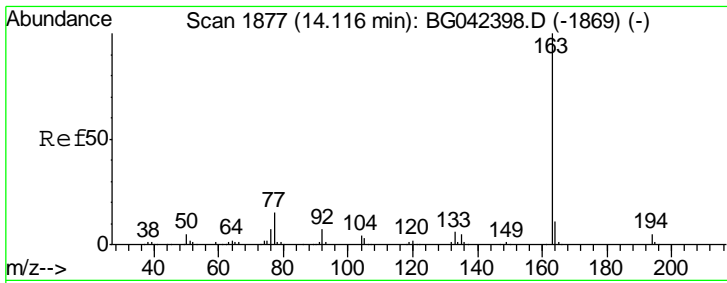
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	32.0	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 95.627 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
172	100		
171	39.5	30.5	45.7
170	26.0	20.2	30.2

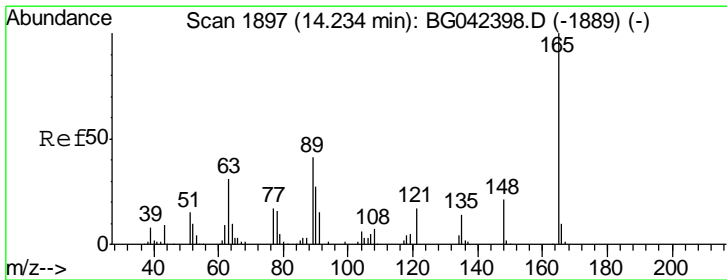
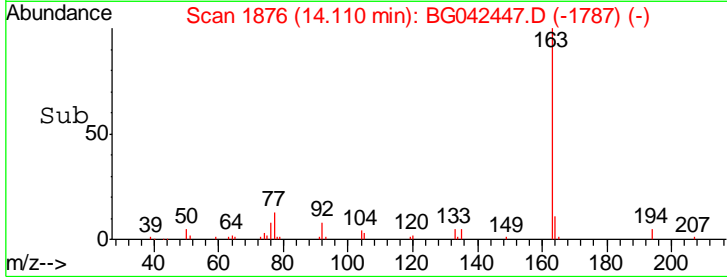
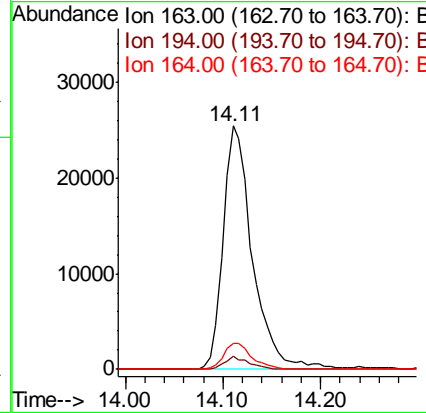
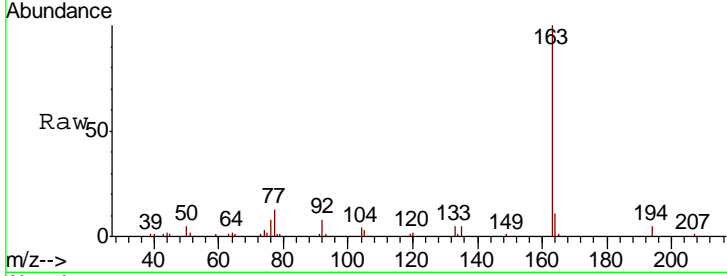




#50
 Dimethylphthalate
 Concen: 3.740 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

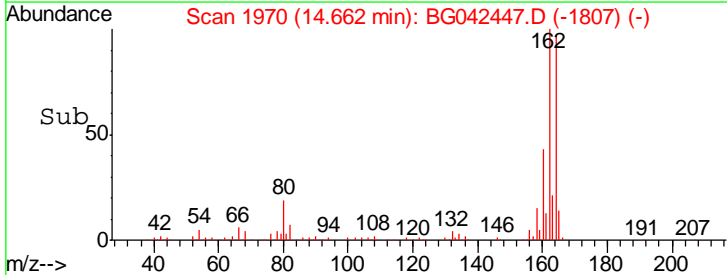
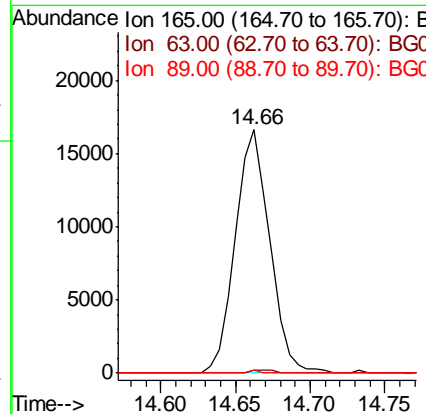
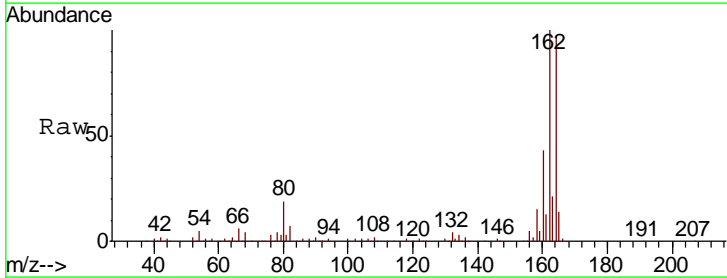
Instrument :
 BNA_G
 ClientSampleId :
 T1-2-K1-K4

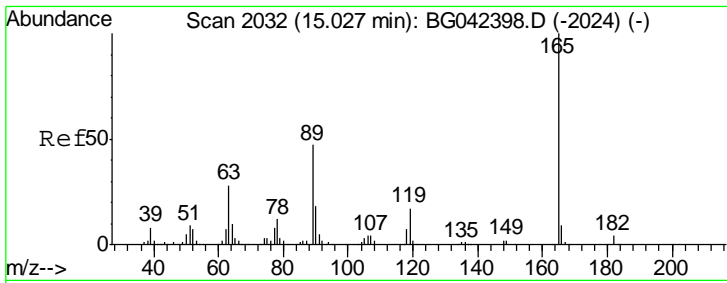
Tgt Ion	Resp	Lower	Upper
163	52997		
194	5.3	4.2	6.2
164	10.6	8.8	13.2



#51
 2,6-Dinitrotoluene
 Concen: 8.155 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.43 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
165	26782		
63	1.3	30.6	45.8#
89	1.0	32.6	49.0#

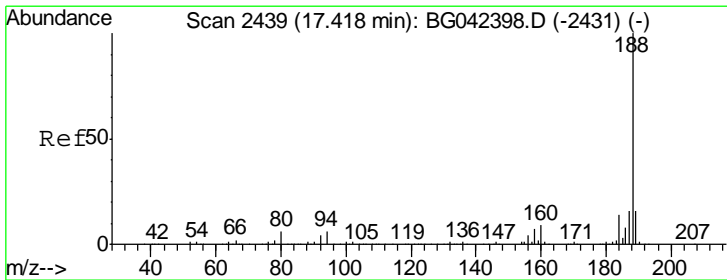
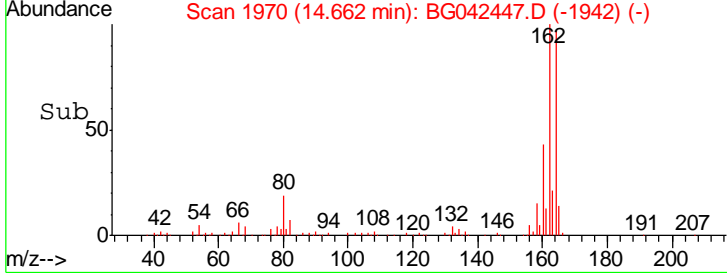
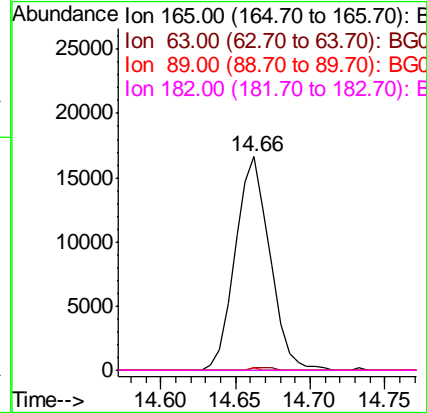
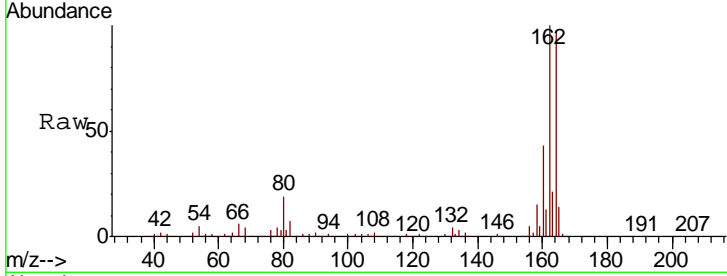




#57
 2,4-Dinitrotoluene
 Concen: 5.695 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

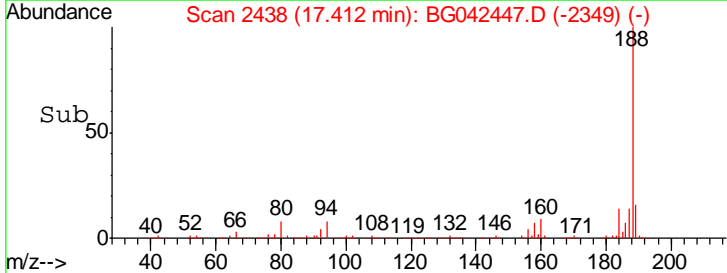
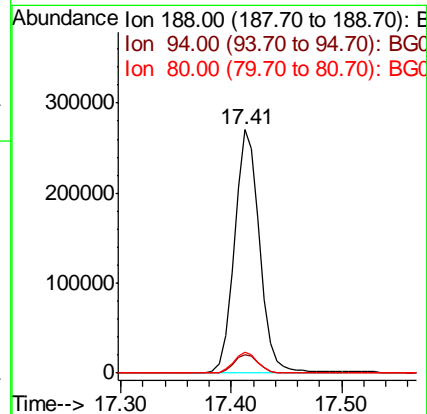
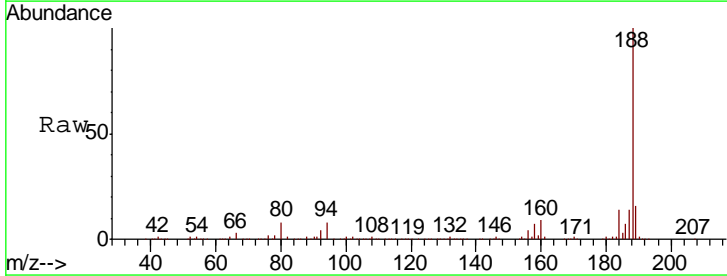
Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

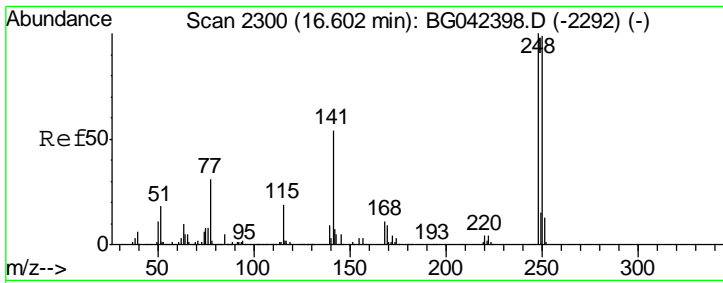
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	22.5	33.7#
89	1.0	37.8	56.6#
182	0.0	3.0	4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.7	4.5	6.7#
80	8.3	4.9	7.3#

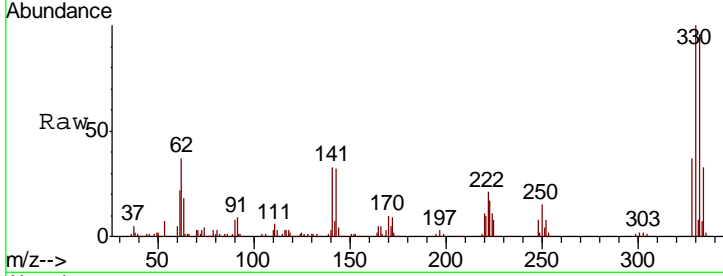




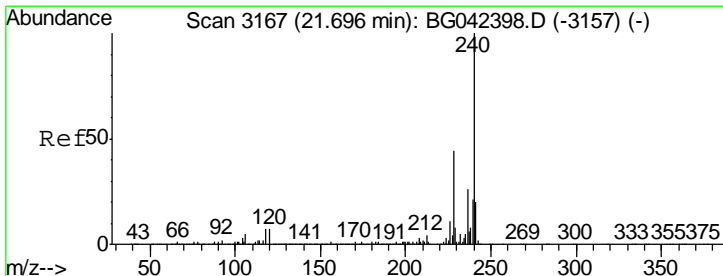
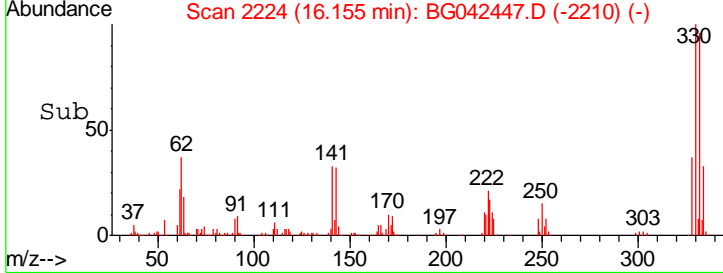
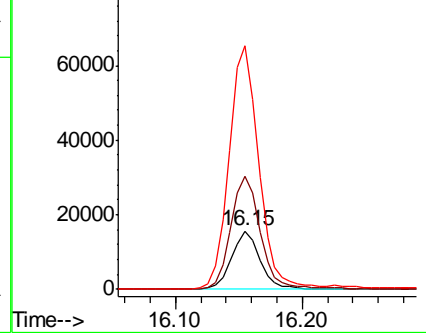
#67
 4-Bromophenyl-phenylether
 Concen: 4.457 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

Tgt Ion	Resp	Lower	Upper
248	100		
250	193.8	78.9	118.3#
141	416.5	43.3	64.9#

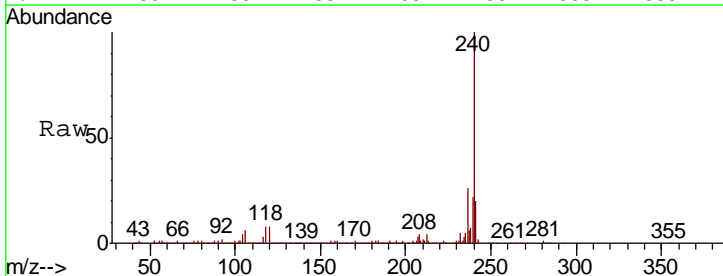


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

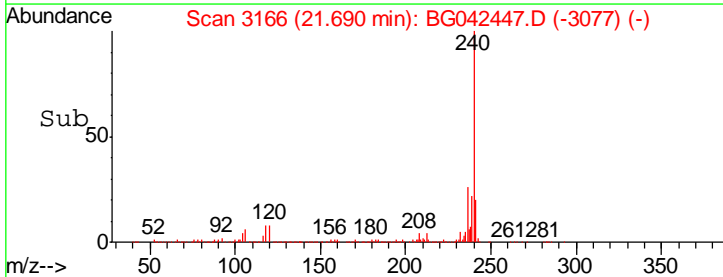
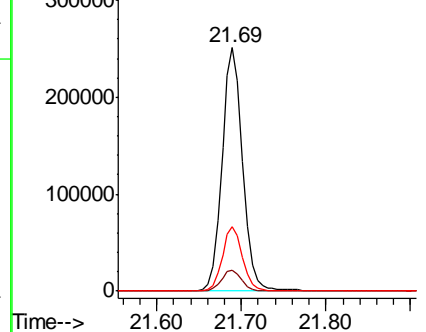


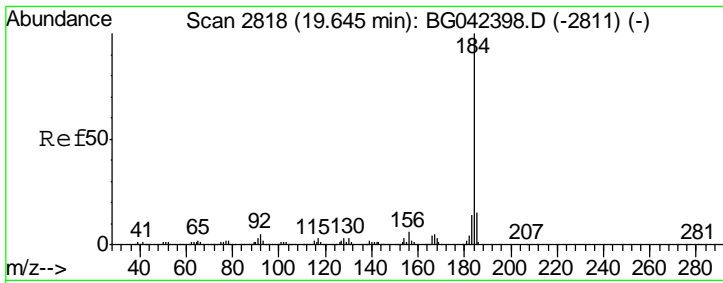
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
240	100		
120	8.5	5.7	8.5
236	26.3	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

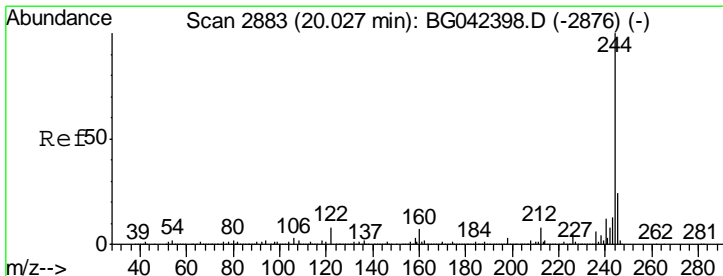
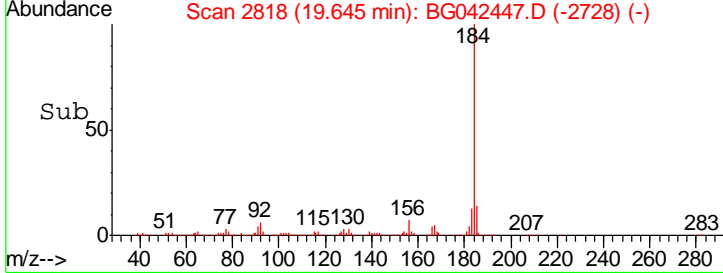
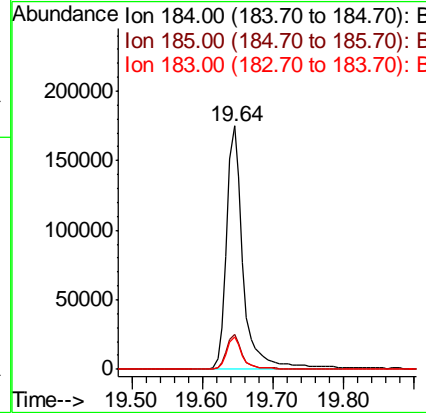
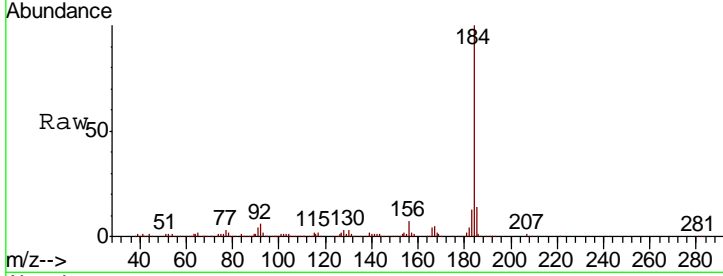




#77
 Benzidine
 Concen: 23.489 ng
 RT: 19.64 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

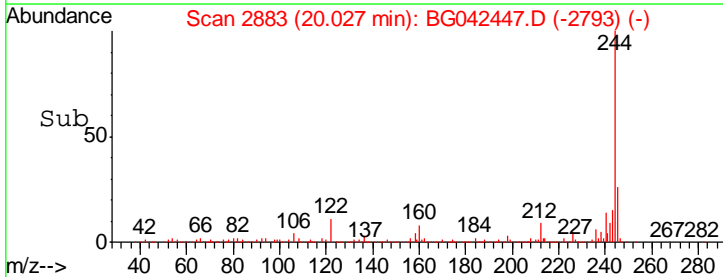
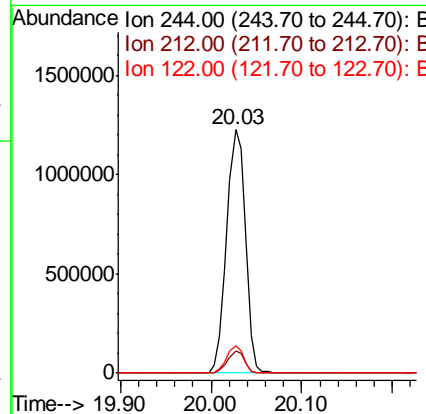
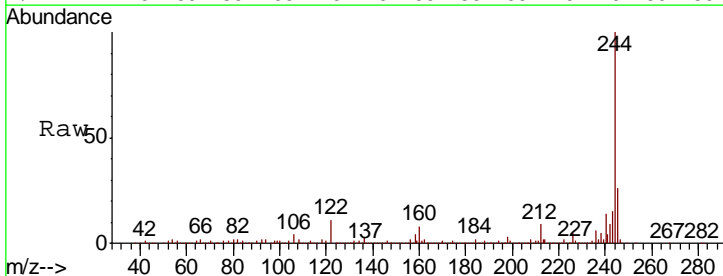
Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

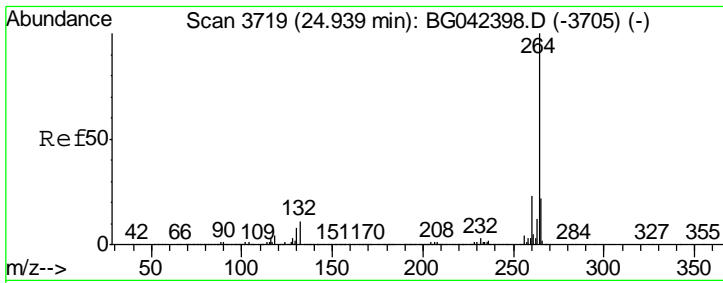
Tgt Ion	Resp	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	13.3	10.8	16.2



#79
 Terphenyl-d14
 Concen: 89.546 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.9	6.0	9.0
122	11.4	6.7	10.1#





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042447.D
 Acq: 23 Aug 2019 23:56

Instrument :
 BNA_G
 ClientSampled :
 T1-2-K1-K4

Tgt Ion: 264 Resp: 490103

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.7	17.6	26.4

