

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042488.D
 Acq On : 25 Aug 2019 21:32
 Operator : HP/JU
 Sample : K4498-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:35:33 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	49527	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	190615	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	141123	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	321772	20.00	ng	0.00
76) Chrysene-d12	21.68	240	367310	20.00	ng	-0.01
87) Perylene-d12	24.93	264	432347	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	293562	120.05	ng	0.00
7) Phenol-d6	7.17	99	396136	119.92	ng	0.00
23) Nitrobenzene-d5	9.16	82	225962	81.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	228163	113.75	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	648944	77.77	ng	0.00
79) Terphenyl-d14	20.02	244	1178269	69.35	ng	0.00

Target Compounds

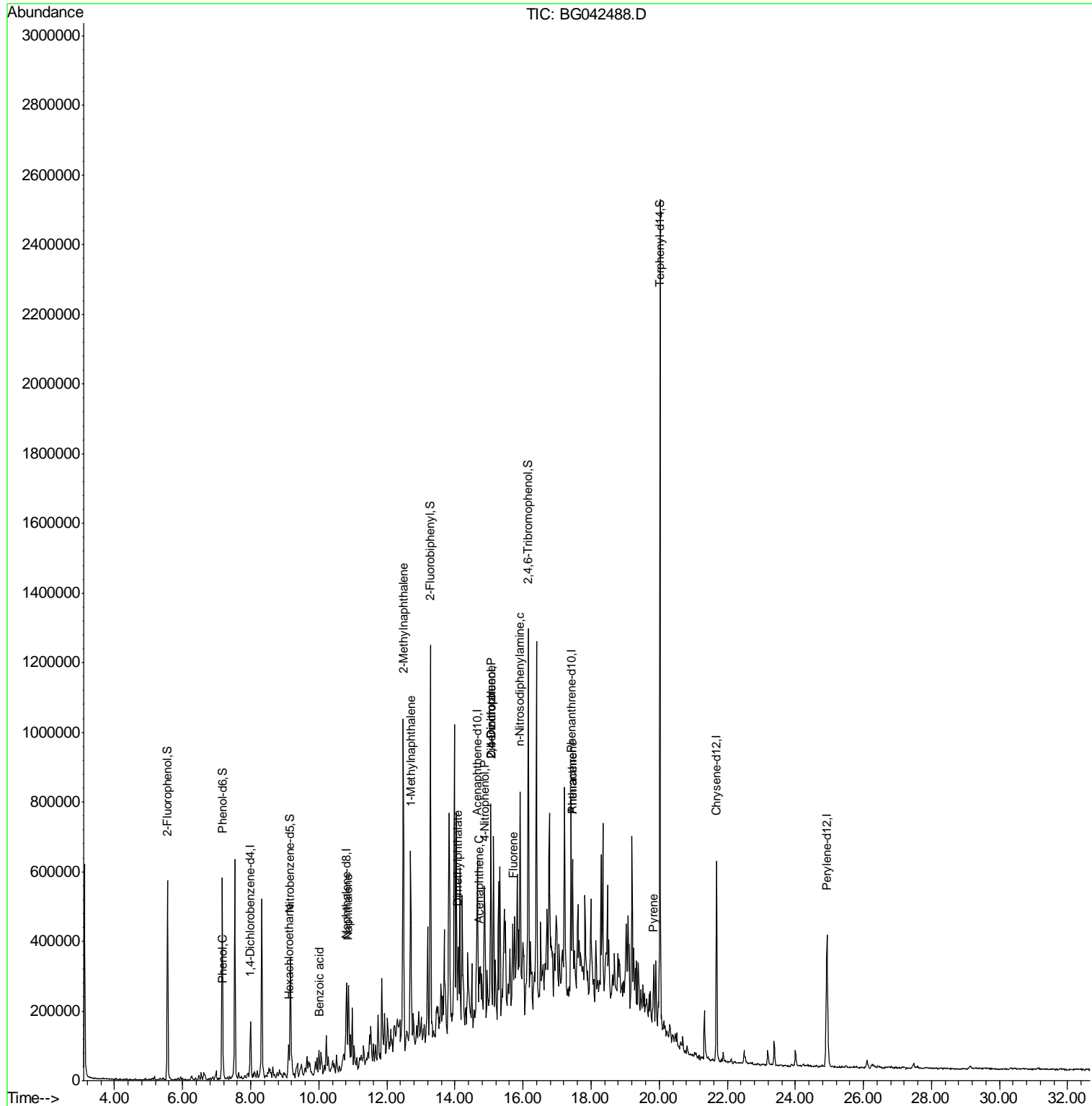
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.19	94	8609	2.563	ng	76
18) Hexachloroethane	9.12	117	8497	6.499	ng	# 1
31) Naphthalene	10.87	128	162153	18.323	ng	98
32) Benzoic acid	10.03	122	279	8.302	ng	# 1
37) 2-Methylnaphthalene	12.48	142	501880	70.628	ng	99
38) 1-Methylnaphthalene	12.70	142	280293	41.527	ng	98
50) Dimethylphthalate	14.11	163	102871	10.103	ng	# 97
52) Acenaphthene	14.72	154	24914	3.467	ng	95
54) 2,4-Dinitrophenol	15.06	184	199	6.377	ng	# 1
55) Dibenzofuran	15.06	168	36136	3.038	ng	# 1
56) 4-Nitrophenol	14.87	139	17369	10.355	ng	# 51
57) 2,4-Dinitrotoluene	15.06	165	12506	3.700	ng	# 58
58) Fluorene	15.71	166	59193	6.088	ng	# 93
66) n-Nitrosodiphenylamine	15.92	169	88790	10.034	ng	# 55
71) Phenanthrene	17.45	178	248473	15.546	ng	97
72) Anthracene	17.45	178	248473	15.573	ng	98
78) Pyrene	19.83	202	45608	2.025	ng	# 93

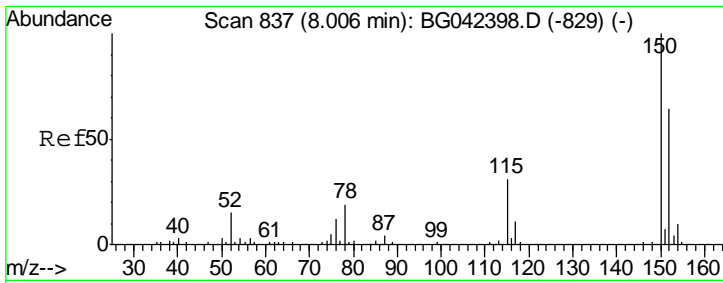
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042488.D
 Acq On : 25 Aug 2019 21:32
 Operator : HP/JU
 Sample : K4498-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :

Quant Time: Aug 26 06:35:33 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

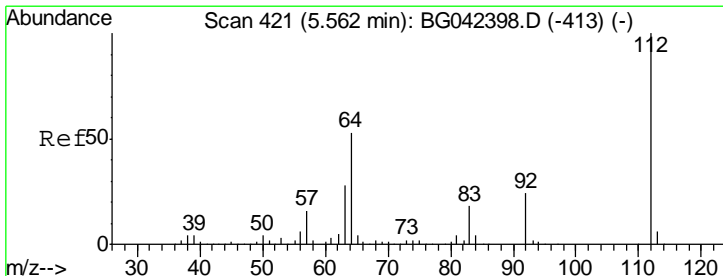
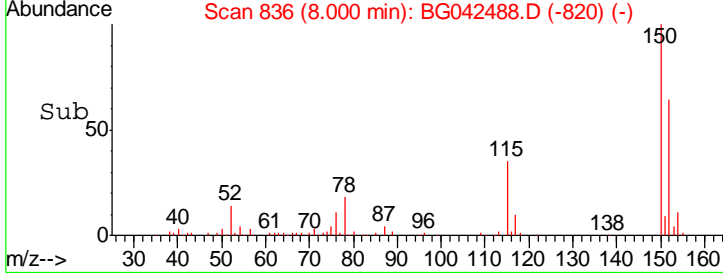
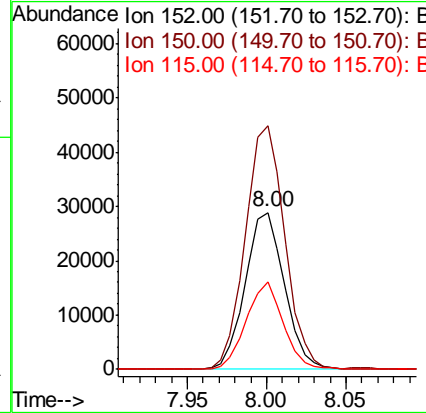
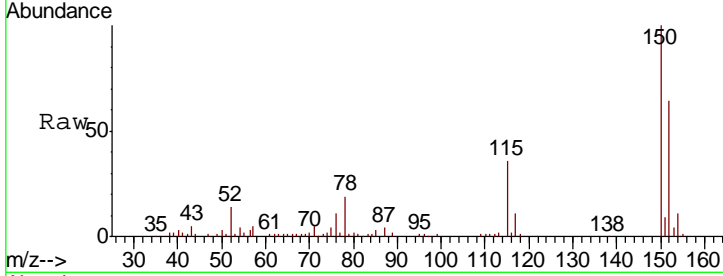




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

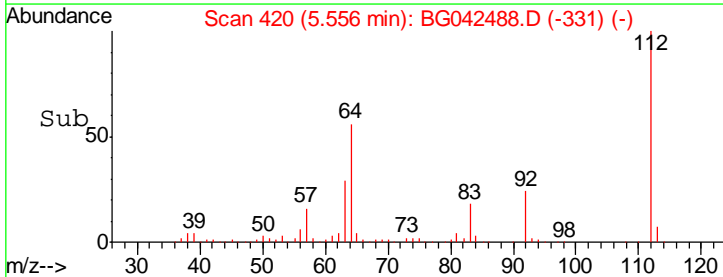
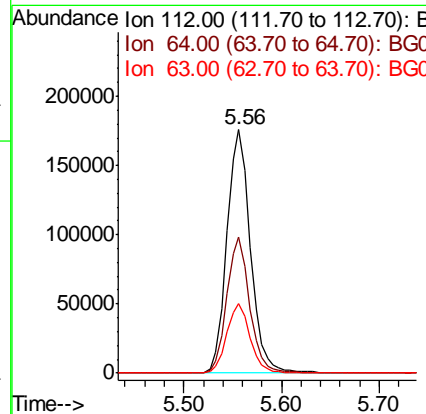
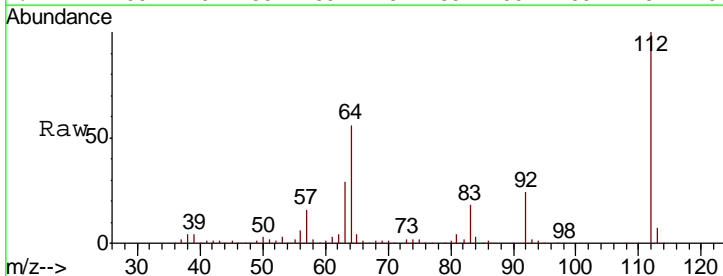
Instrument :
 BNA_G
 ClientSampled :

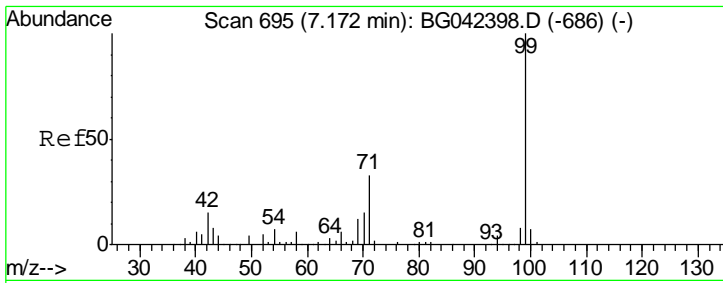
Tgt Ion	Resp	Lower	Upper
152	49527		
150	155.1	125.4	188.0
115	55.6	38.5	57.7



#5
 2-Fluorophenol
 Concen: 120.045 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
112	293562		
64	55.9	42.8	64.2
63	28.5	22.7	34.1

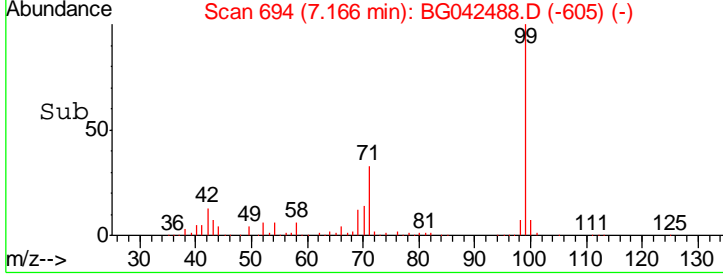
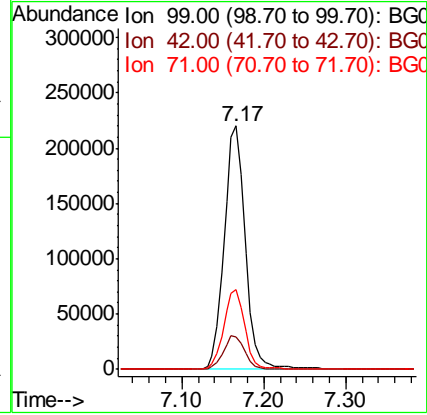
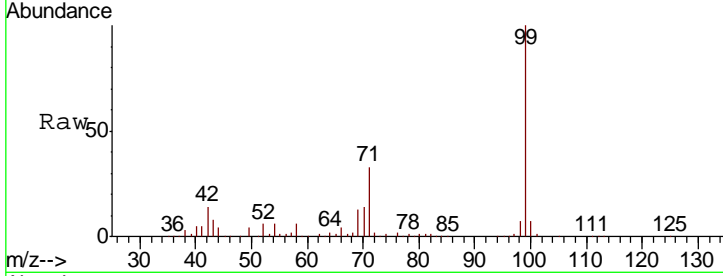




#7
 Phenol-d6
 Concen: 119.924 ng
 RT: 7.17 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

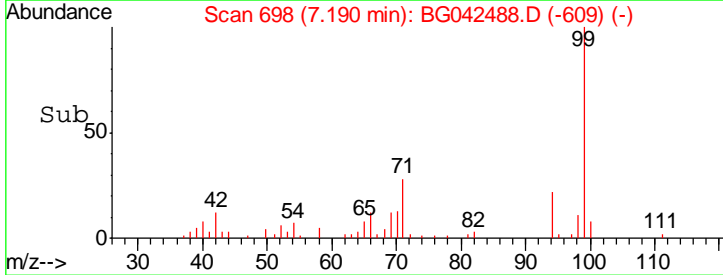
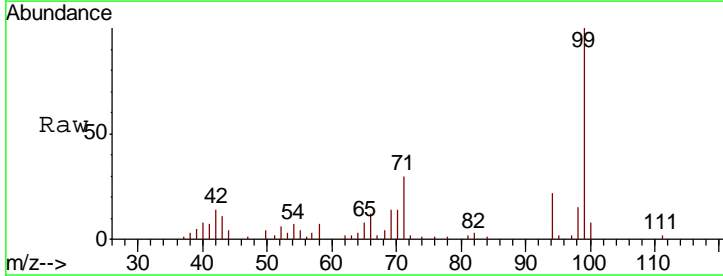
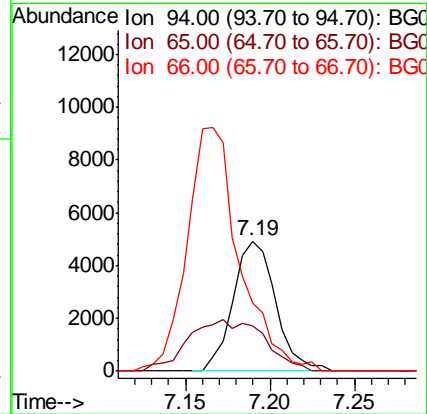
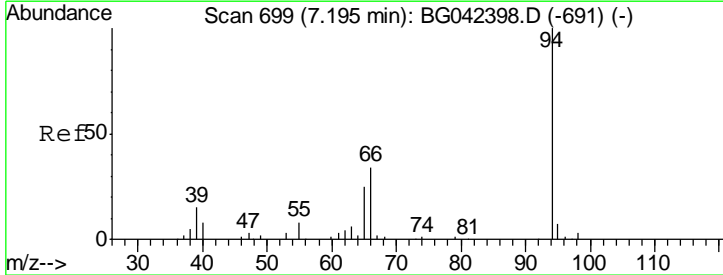
Instrument :
 BNA_G
 ClientSampled :

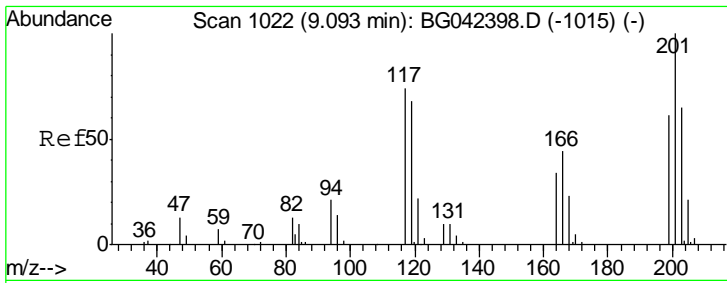
Tgt Ion	Resp	Lower	Upper
99	100		
42	13.5	12.0	18.0
71	32.9	26.3	39.5



#10
 Phenol
 Concen: 2.563 ng
 RT: 7.19 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
94	100		
65	34.7	5.6	45.6
66	52.8	16.0	56.0

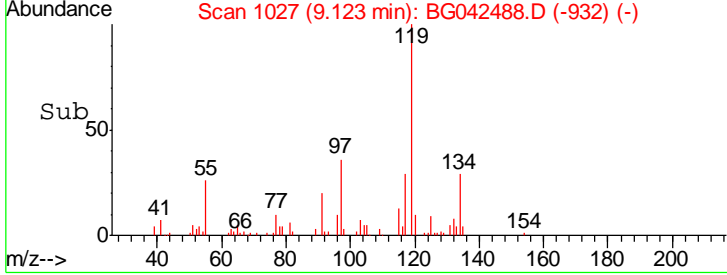
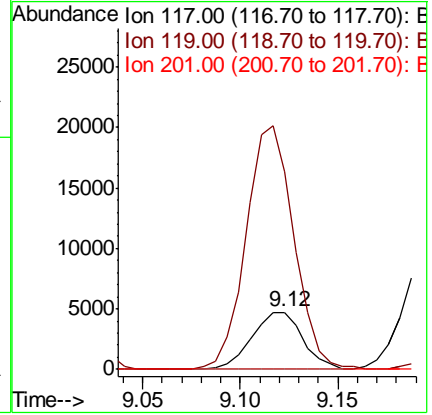
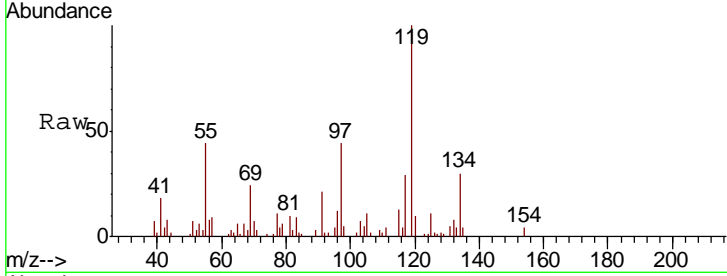




#18
 Hexachloroethane
 Concen: 6.499 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.03 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

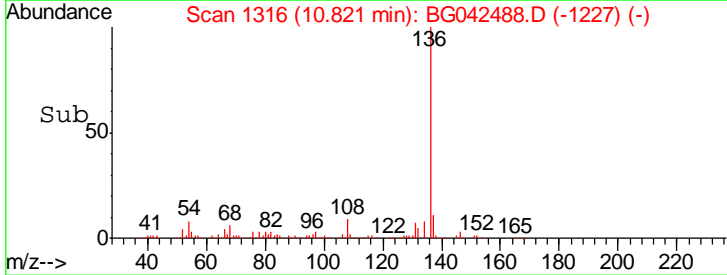
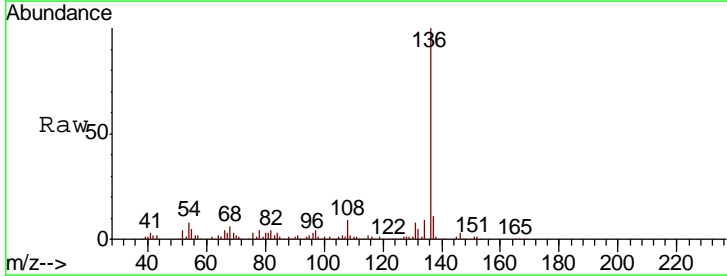
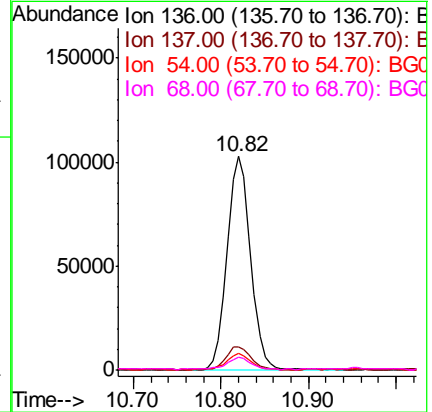
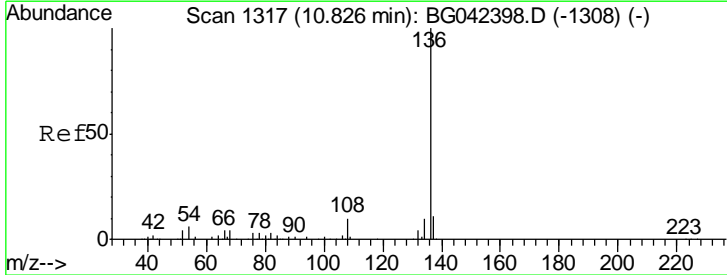
Instrument :
 BNA_G
 ClientSampled :

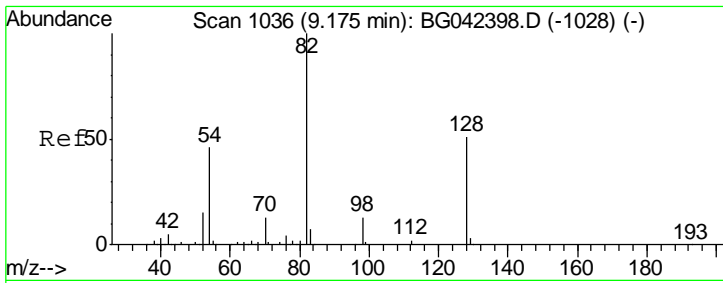
Tgt Ion	Resp	Lower	Upper
117	100		
119	345.5	73.8	110.8#
201	0.0	108.3	162.5#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.1	4.9	7.3#
68	5.7	3.6	5.4#

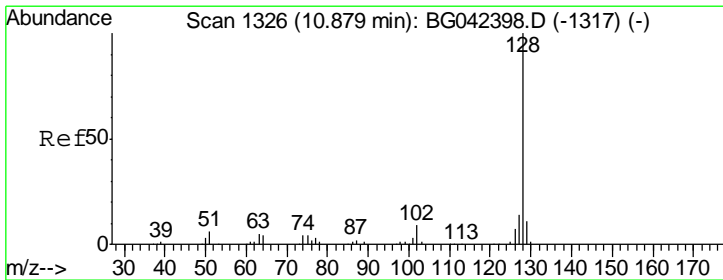
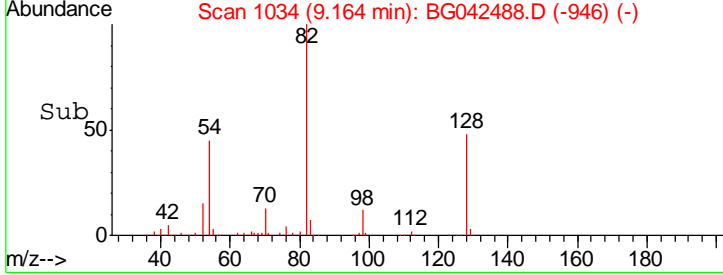
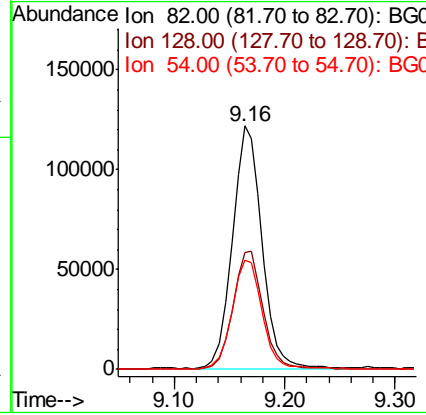
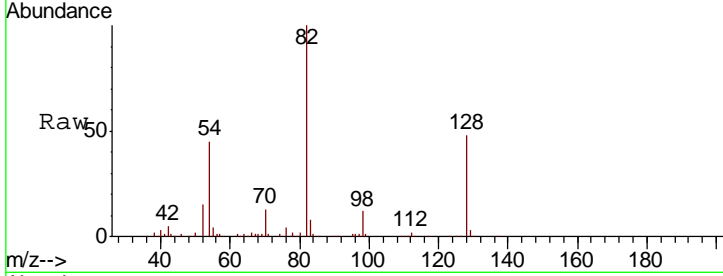




#23
 Nitrobenzene-d5
 Concen: 81.918 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

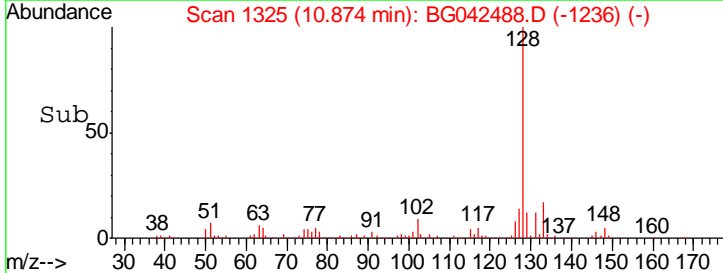
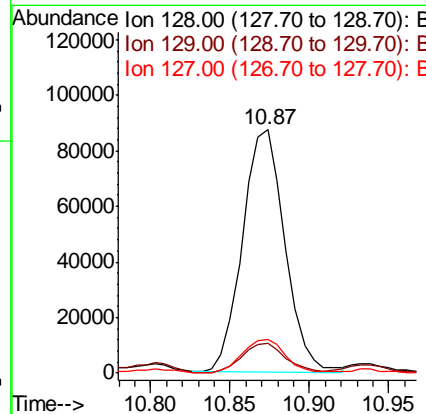
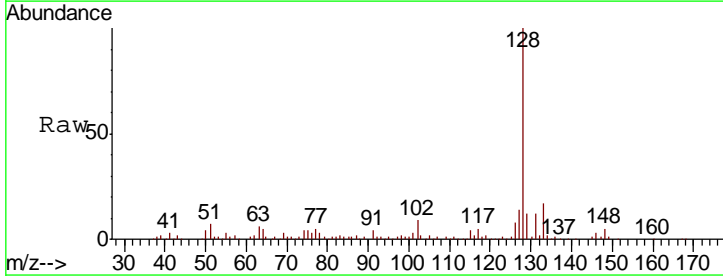
Instrument :
 BNA_G
 ClientSampled :

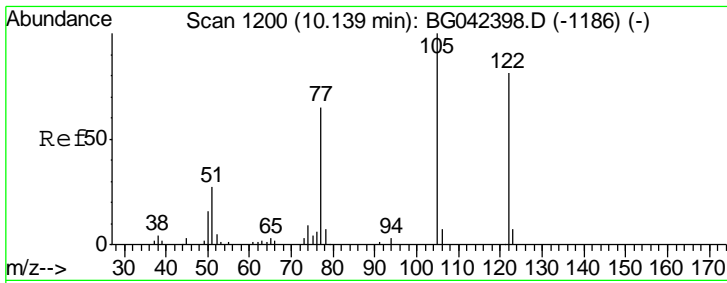
Tgt Ion	Resp	Lower	Upper
82	225962		
128	48.2	40.7	61.1
54	44.8	36.3	54.5



#31
 Naphthalene
 Concen: 18.323 ng
 RT: 10.87 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
128	162153		
129	12.2	8.8	13.2
127	13.7	11.4	17.0

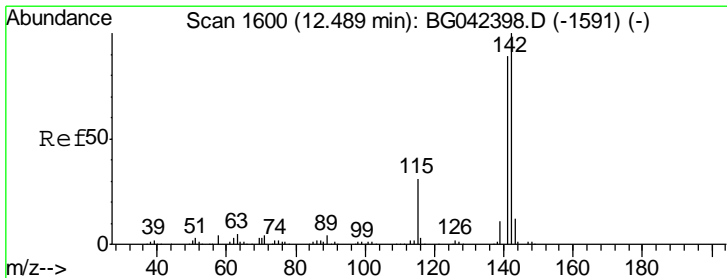
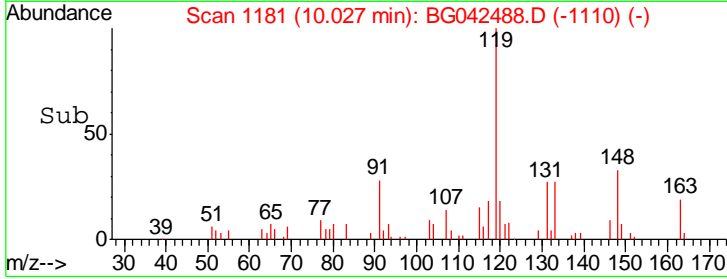
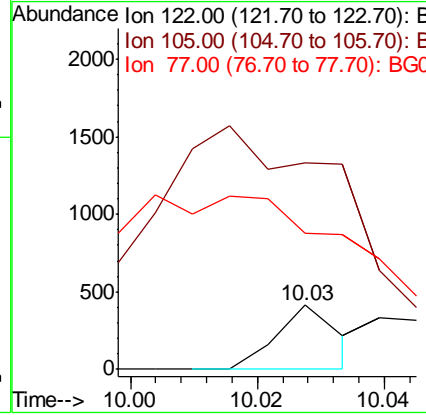
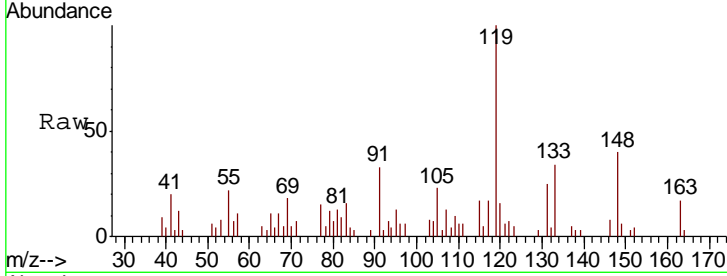




#32
 Benzoic acid
 Concen: 8.302 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.11 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

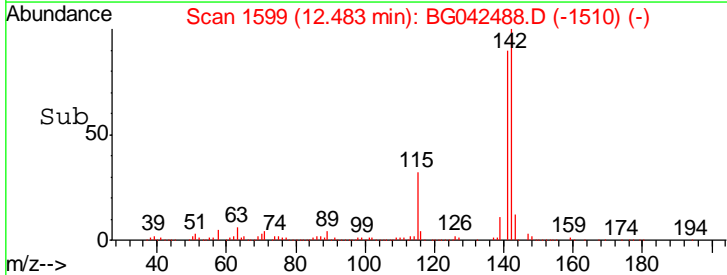
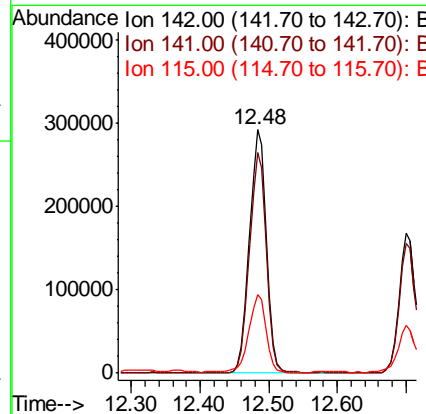
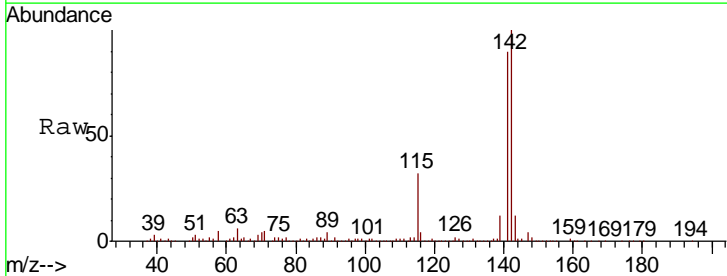
Instrument :
 BNA_G
 ClientSampled :

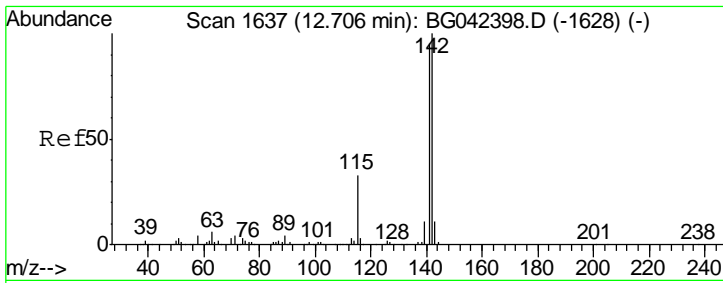
Tgt Ion	Resp	Lower	Upper
122	100		
105	322.7	99.6	139.6#
77	211.6	59.5	99.5#



#37
 2-Methylnaphthalene
 Concen: 70.628 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	32.0	25.2	37.8

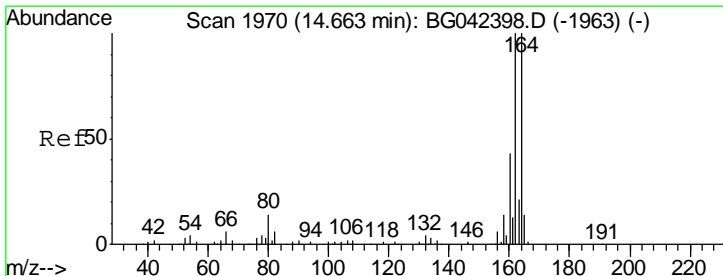
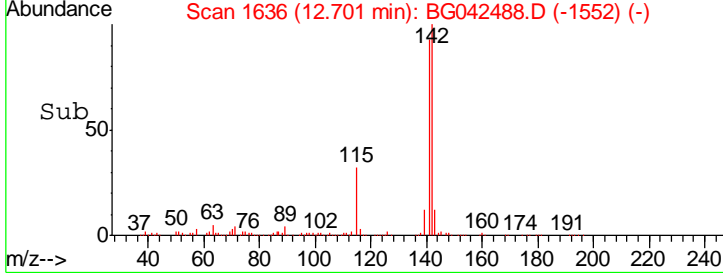
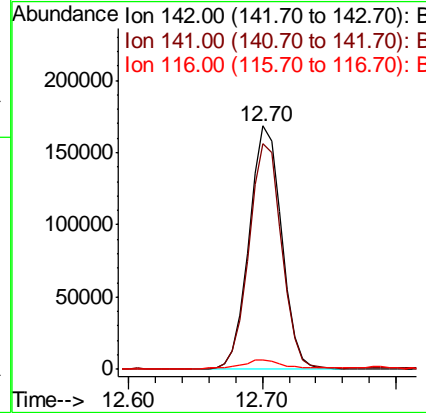
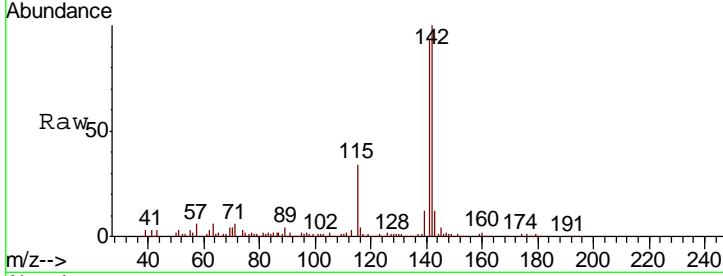




#38
 1-Methylnaphthalene
 Concen: 41.527 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

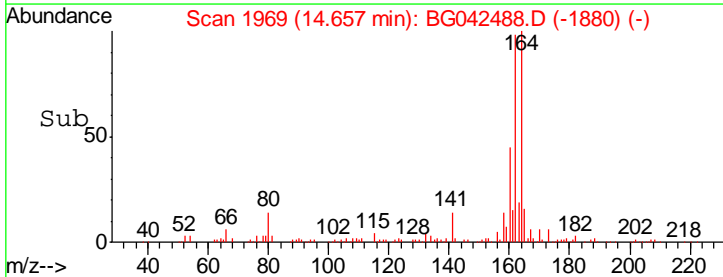
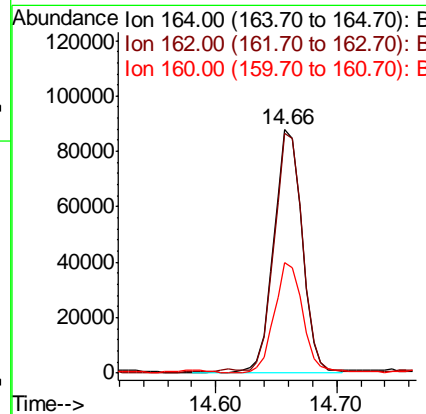
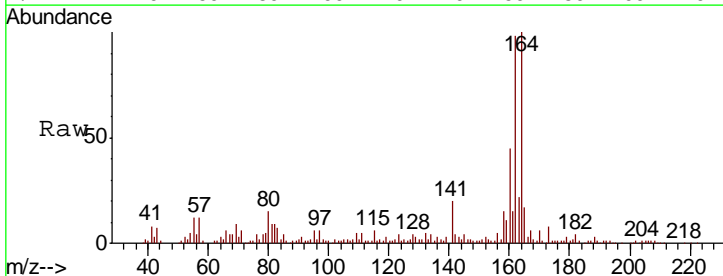
Instrument :
 BNA_G
 ClientSampled :

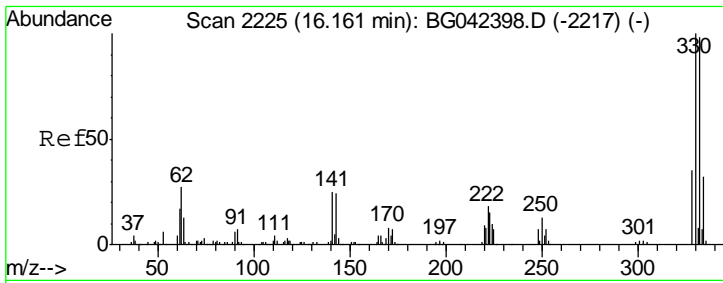
Tgt Ion	Resp	Lower	Upper
142	100		
141	92.8	76.2	114.2
116	3.9	2.8	4.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
164	100		
162	98.5	79.9	119.9
160	45.2	34.3	51.5

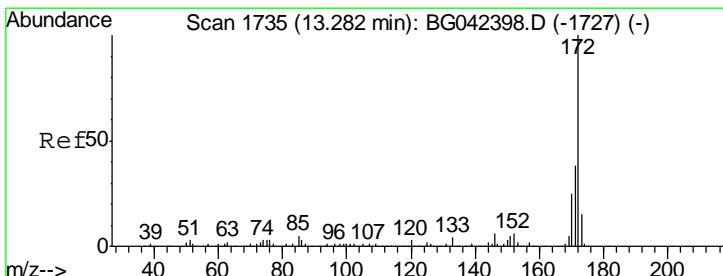
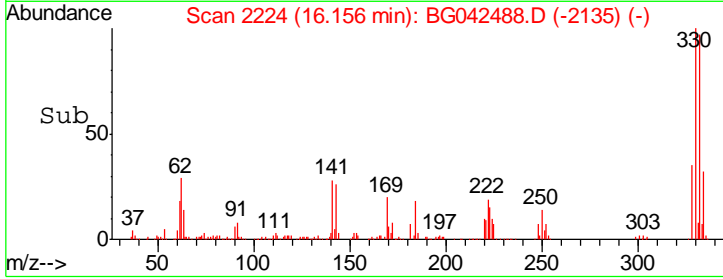
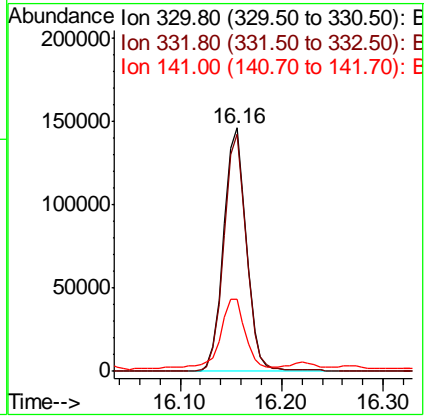
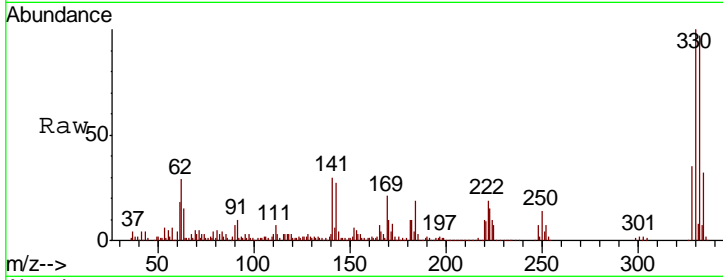




#42
 2,4,6-Tribromophenol
 Concen: 113.750 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

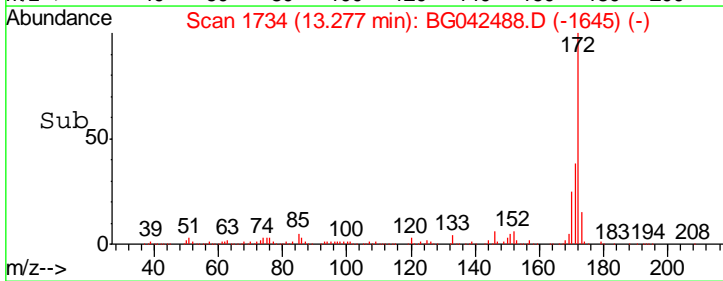
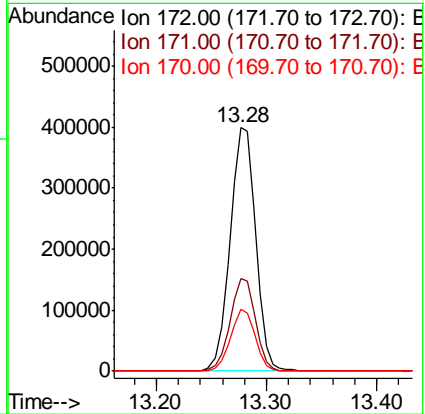
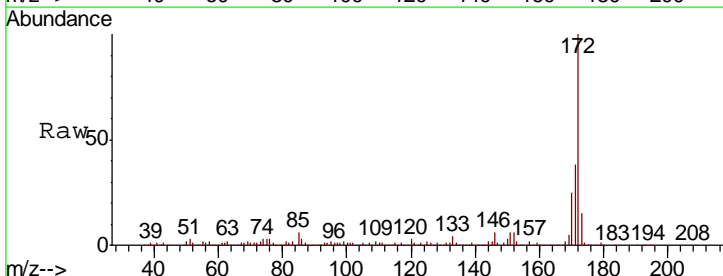
Instrument :
 BNA_G
 ClientSampled :

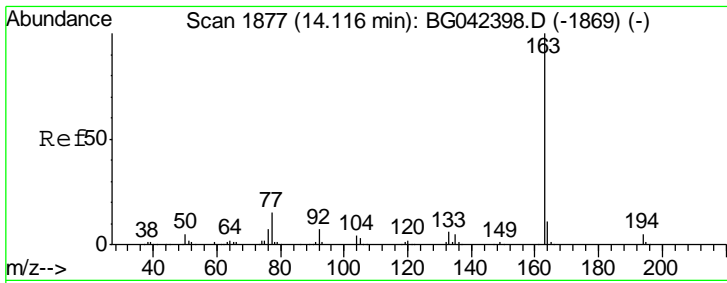
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	33.0	21.4	32.0#



#45
 2-Fluorobiphenyl
 Concen: 77.773 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.5	20.2	30.2

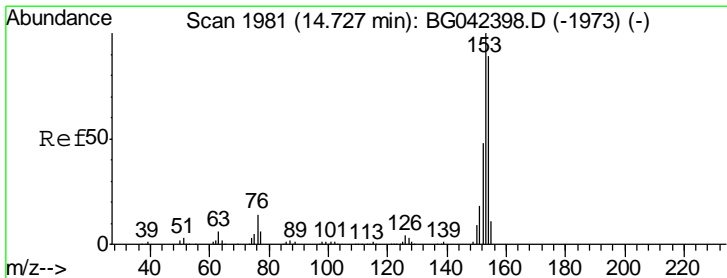
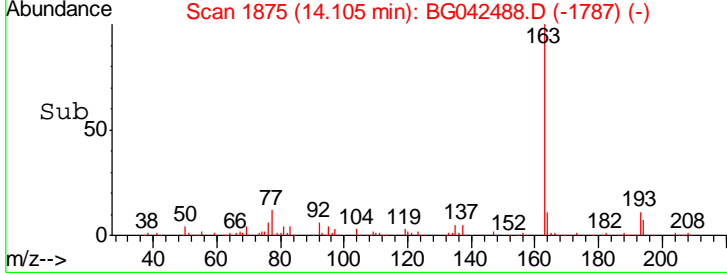
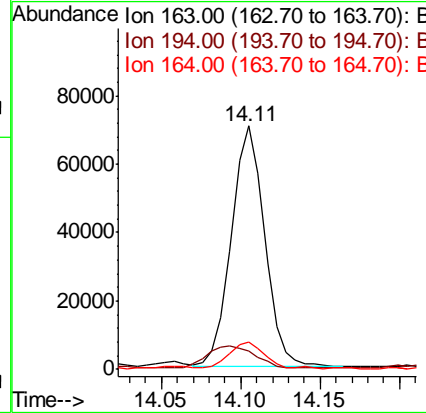
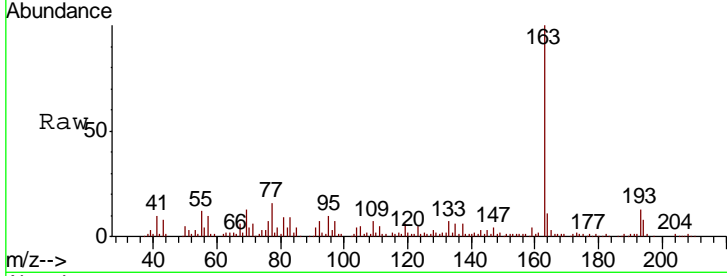




#50
 Dimethylphthalate
 Concen: 10.103 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

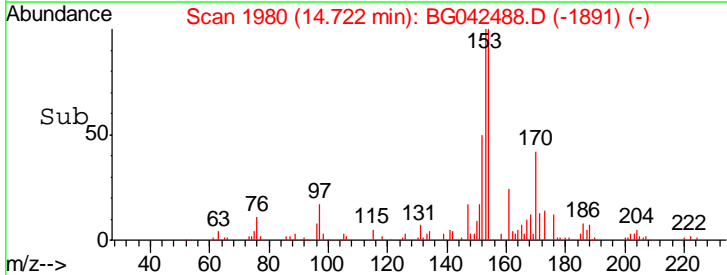
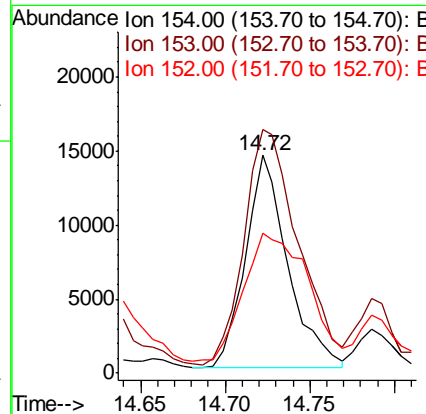
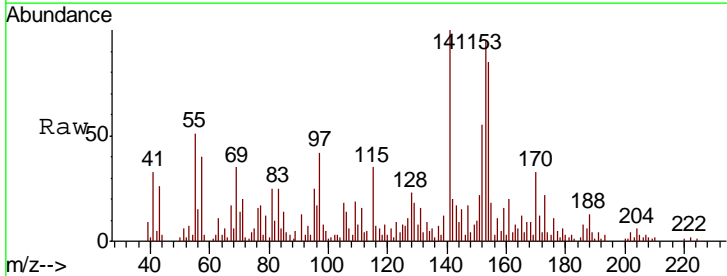
Instrument :
 BNA_G
 ClientSampled :

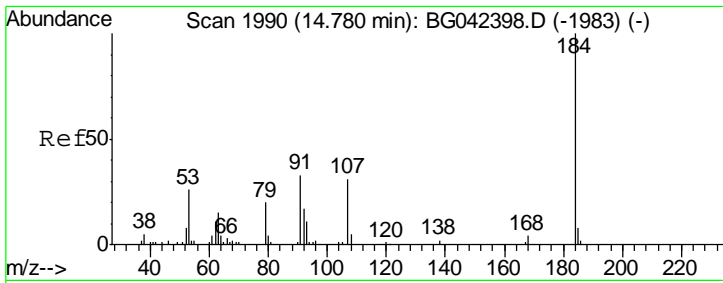
Tgt Ion	Resp	Lower	Upper
163	102871		
194	7.5	4.2	6.2#
164	11.4	8.8	13.2



#52
 Acenaphthene
 Concen: 3.467 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
154	24914		
153	111.8	90.2	135.4
152	64.5	43.2	64.8

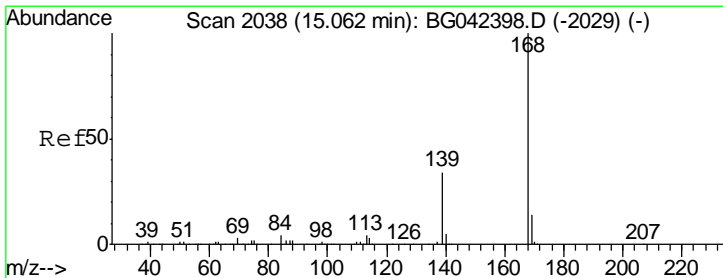
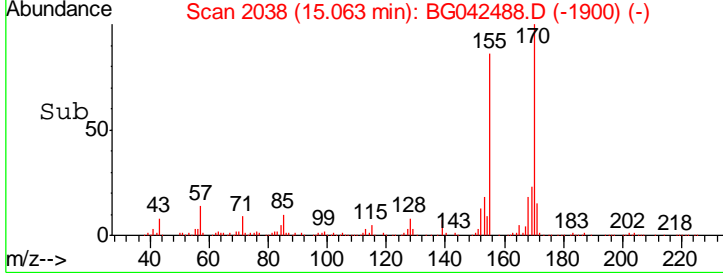
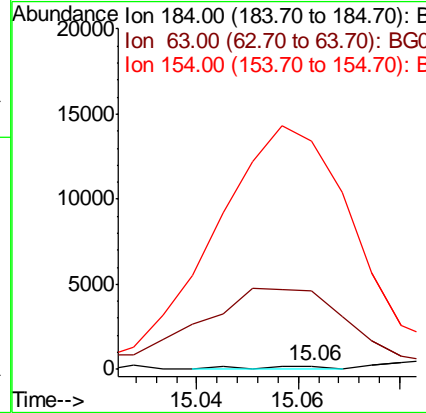
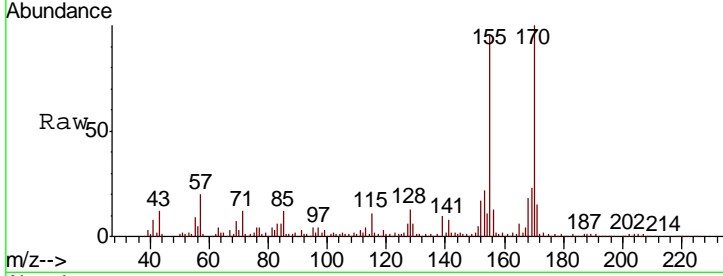




#54
 2,4-Dinitrophenol
 Concen: 6.377 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. 0.28 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

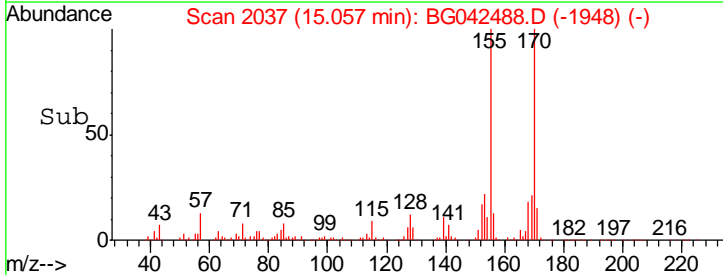
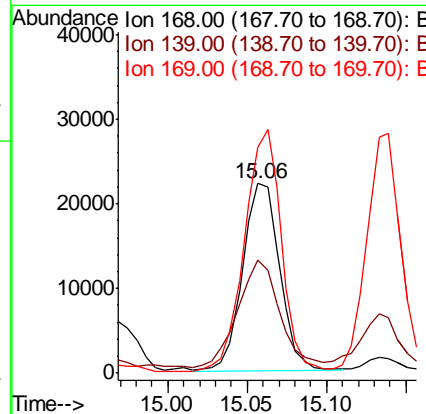
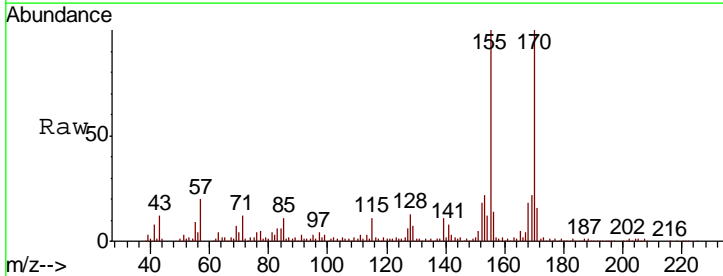
Instrument :
 BNA_G
 ClientSampled :

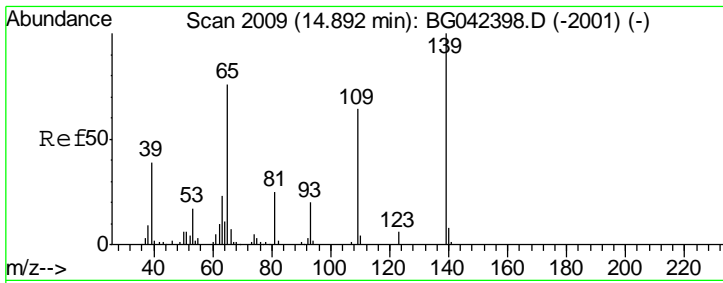
Tgt Ion	Resp	Lower	Upper
184	199		
63	2215.8	31.7	47.5#
154	6423.9	42.0	63.0#



#55
 Dibenzofuran
 Concen: 3.038 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
168	36136		
139	59.8	27.2	40.8#
169	118.7	11.5	17.3#

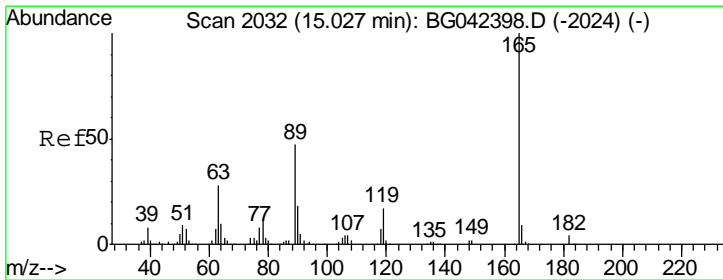
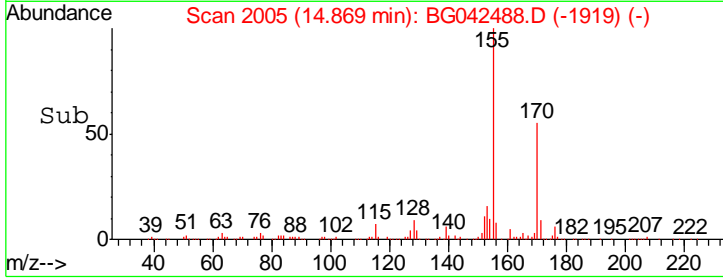
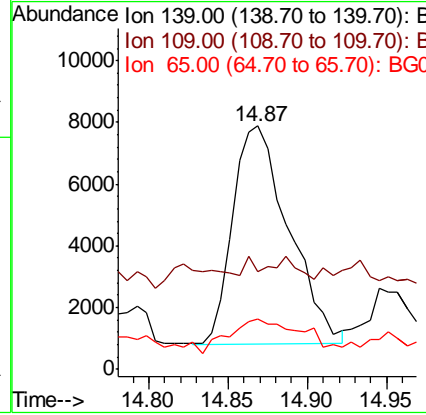
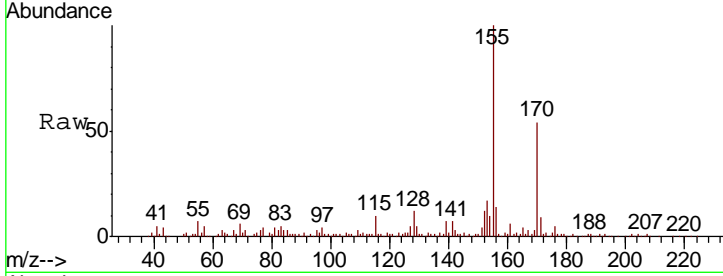




#56
 4-Nitrophenol
 Concen: 10.355 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

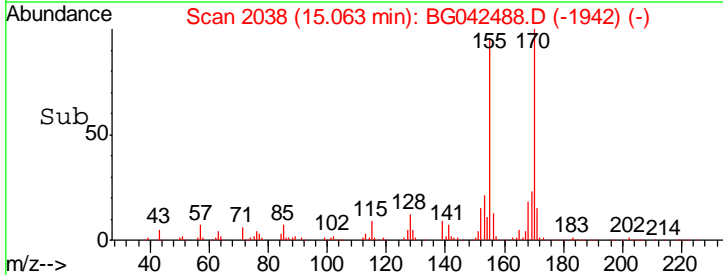
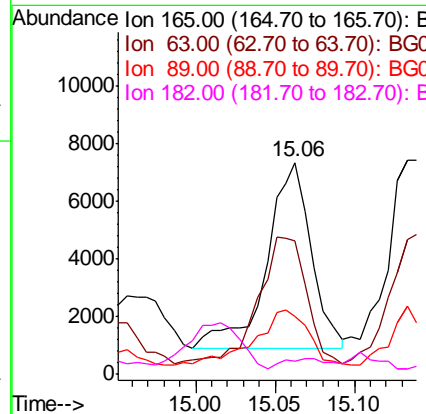
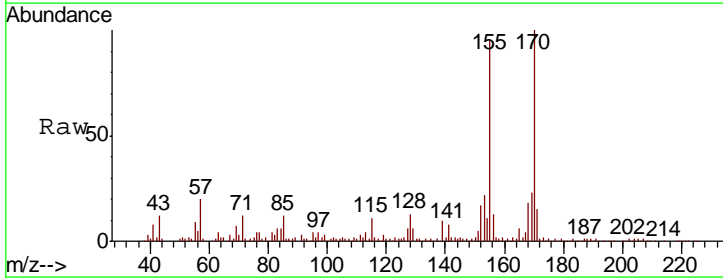
Instrument :
 BNA_G
 ClientSampled :

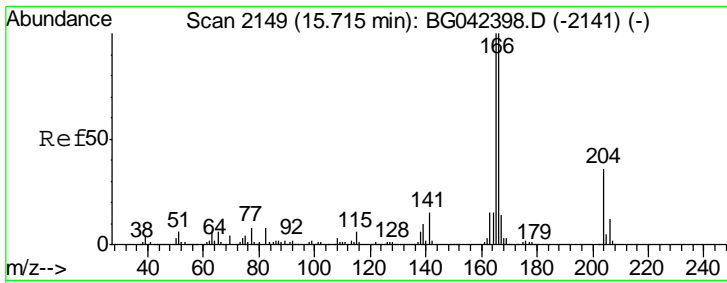
Tgt Ion	Resp	Lower	Upper
139	17369		
109	40.3	43.9	83.9#
65	20.7	56.3	96.3#



#57
 2,4-Dinitrotoluene
 Concen: 3.700 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
165	12506		
63	63.1	22.5	33.7#
89	27.4	37.8	56.6#
182	6.3	3.0	4.4#

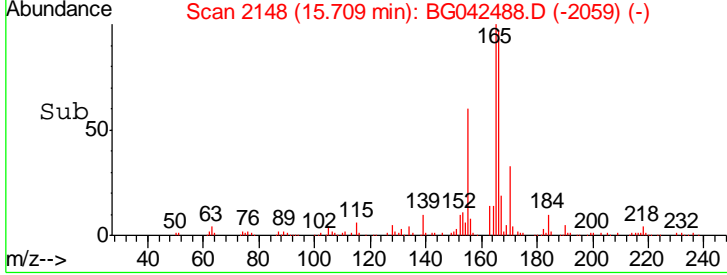
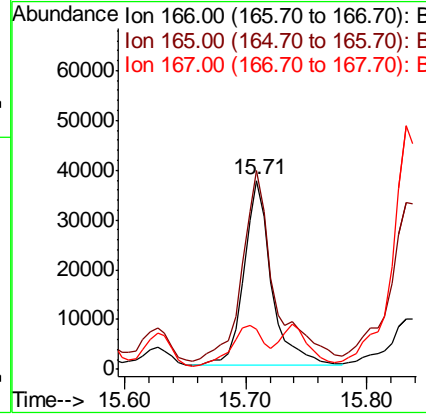
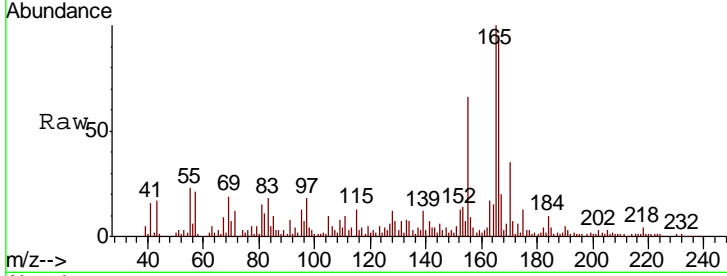




#58
 Fluorene
 Concen: 6.088 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

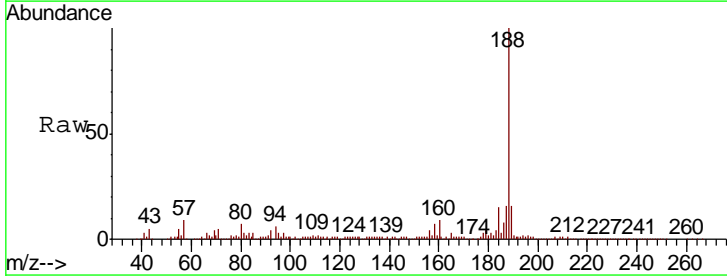
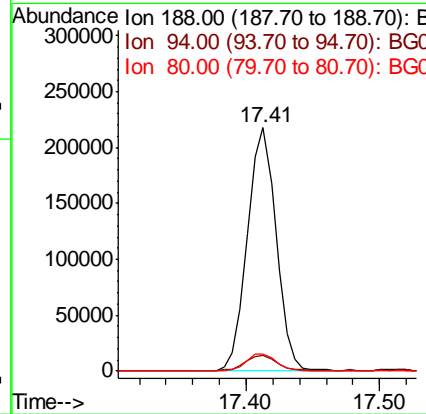
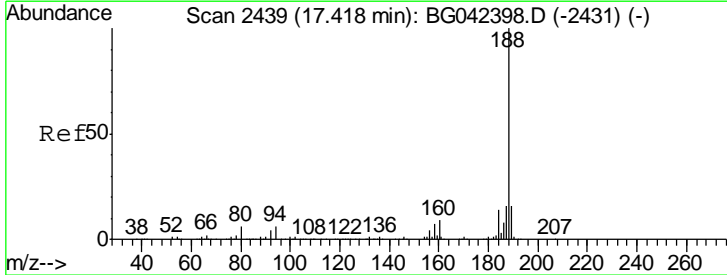
Instrument :
 BNA_G
 ClientSampled :

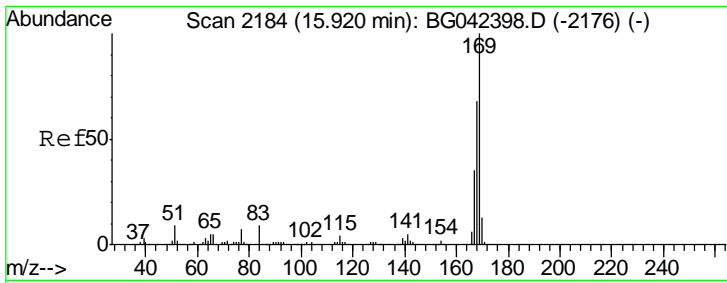
Tgt Ion	Resp	Lower	Upper
166	59193		
165	105.0	79.7	119.5
167	21.1	10.9	16.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
188	321772		
94	6.5	4.5	6.7
80	6.9	4.9	7.3

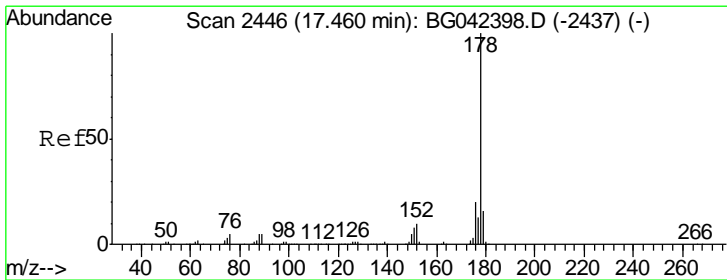
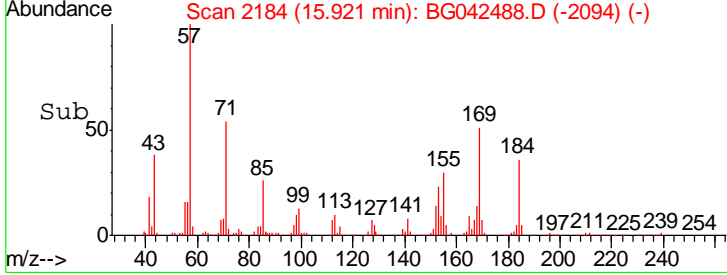
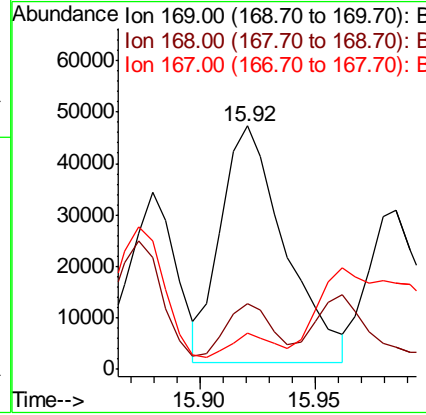
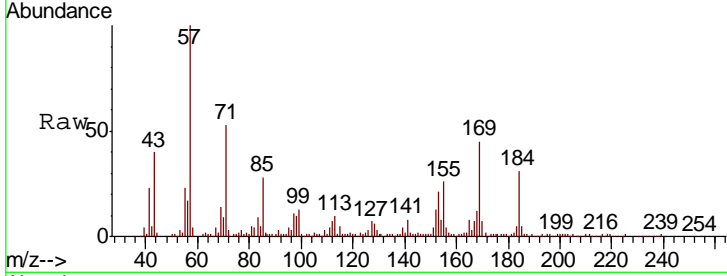




#66
 n-Nitrosodiphenylamine
 Concen: 10.034 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

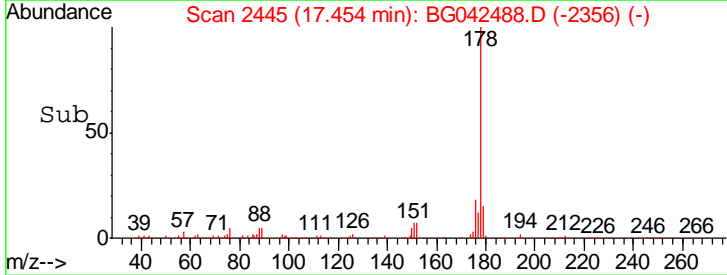
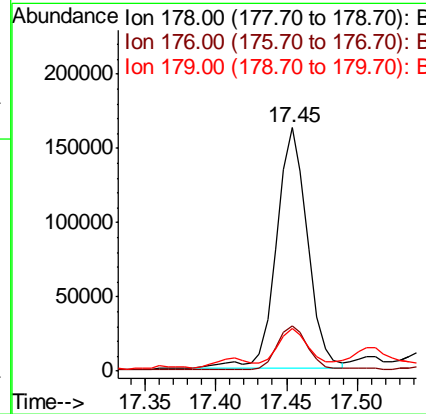
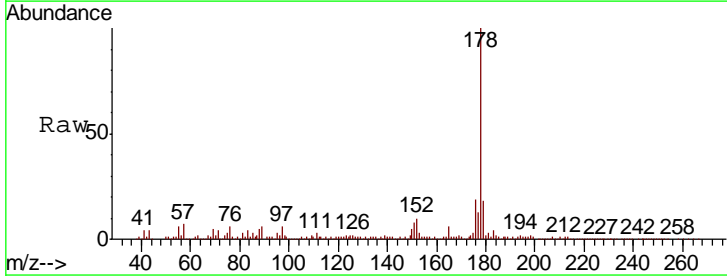
Instrument :
 BNA_G
 ClientSampled :

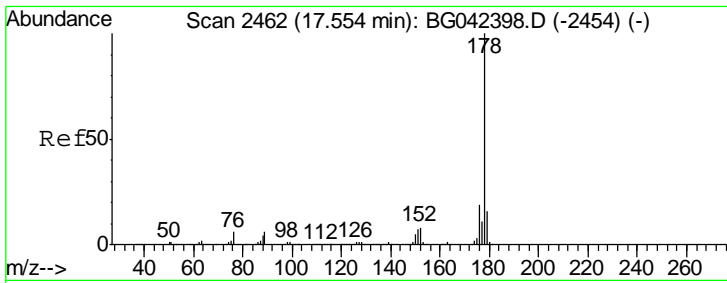
Tgt Ion	Resp	Lower	Upper
169	100		
168	27.0	54.3	81.5#
167	15.1	28.2	42.2#



#71
 Phenanthrene
 Concen: 15.546 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	17.5	12.7	19.1

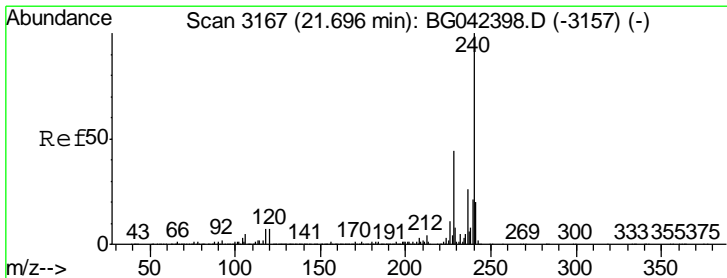
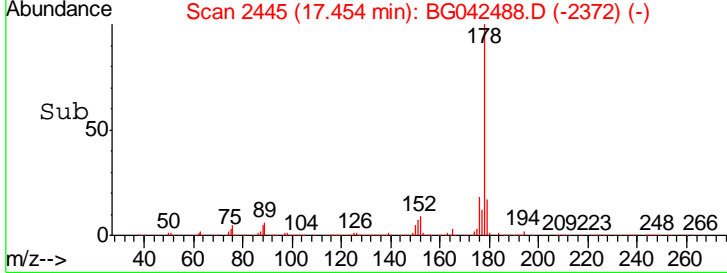
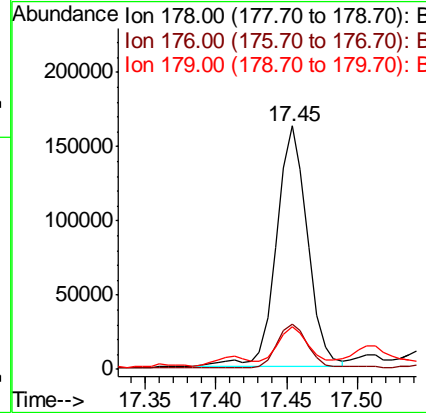
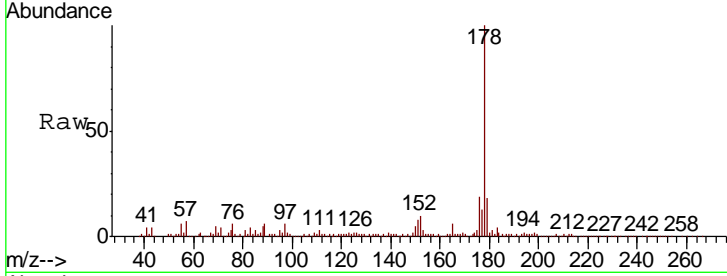




#72
 Anthracene
 Concen: 15.573 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.10 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

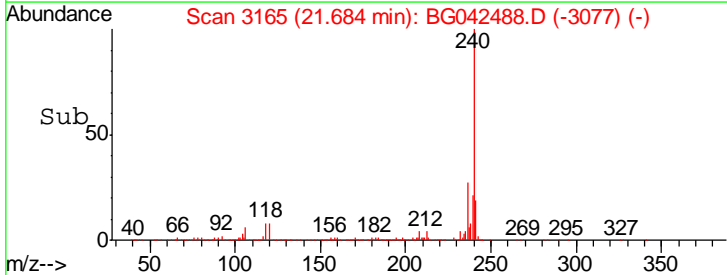
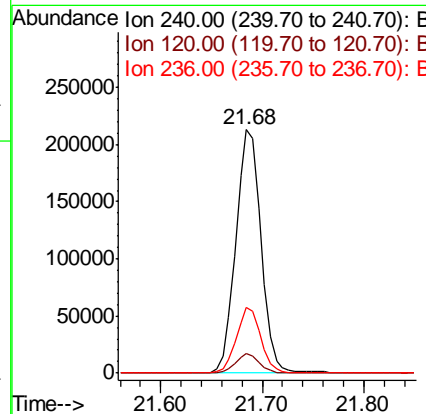
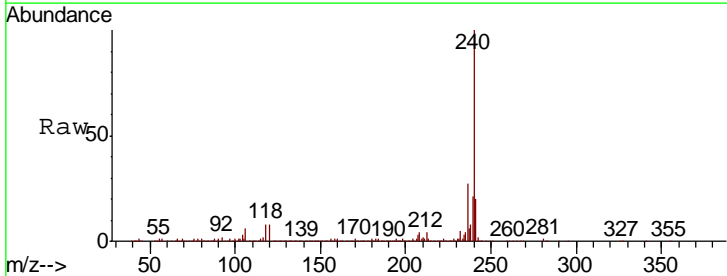
Instrument :
 BNA_G
 ClientSampled :

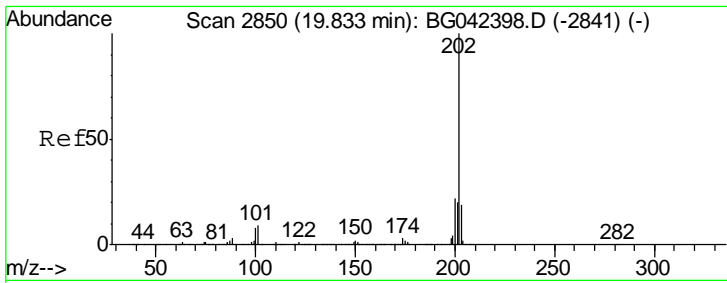
Tgt Ion	Resp	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	17.5	12.9	19.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	26.7	21.0	31.4

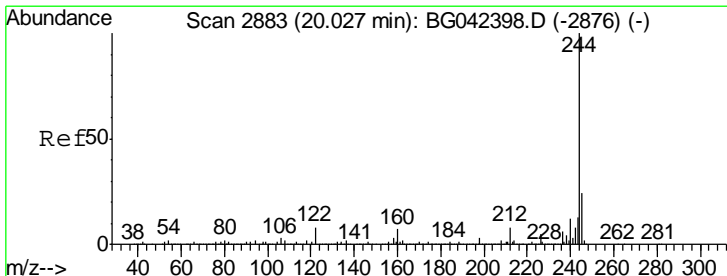
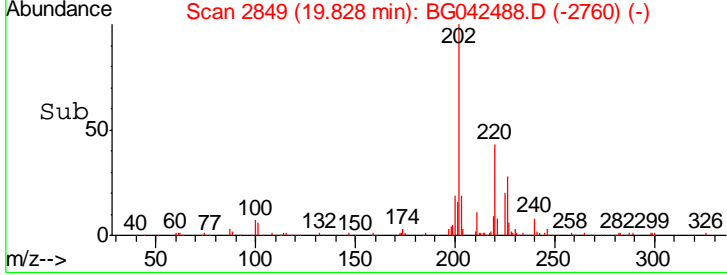
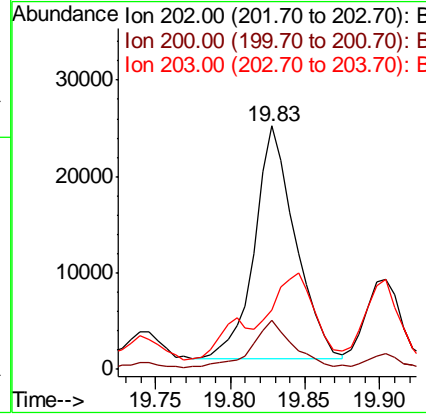
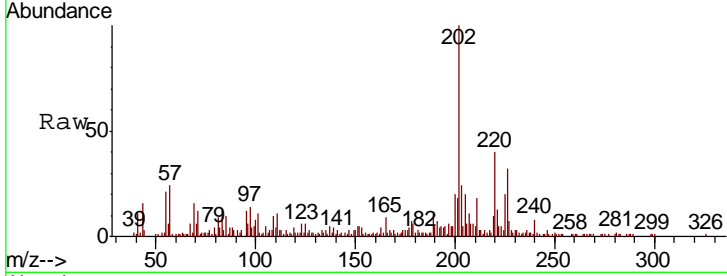




#78
 Pyrene
 Concen: 2.025 ng
 RT: 19.83 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

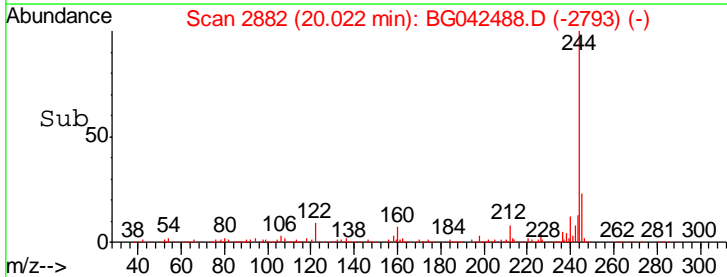
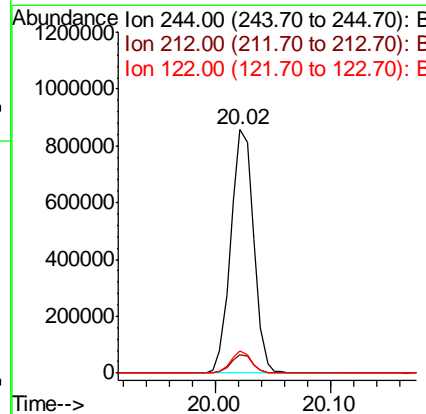
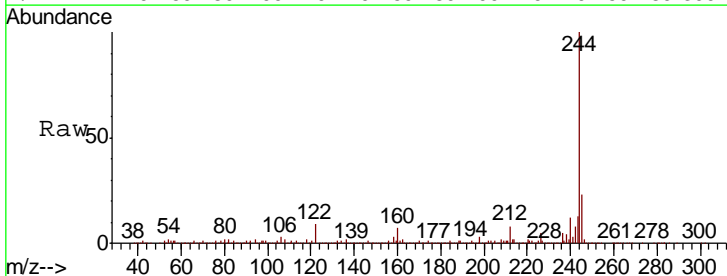
Instrument :
 BNA_G
 ClientSampled :

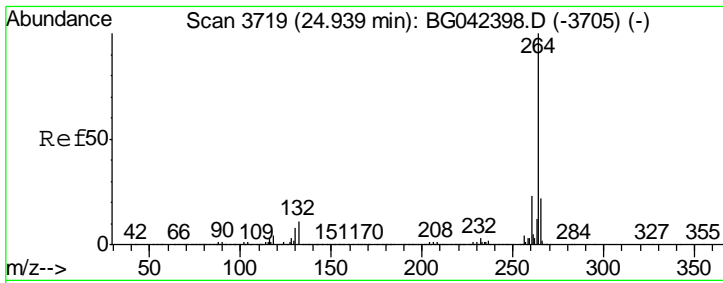
Tgt Ion	Resp	Lower	Upper
202	45608		
200	20.1	17.8	26.6
203	24.3	15.5	23.3



#79
 Terphenyl-d14
 Concen: 69.351 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Resp	Lower	Upper
244	1178269		
212	7.7	6.0	9.0
122	9.0	6.7	10.1





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 432347

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.8	17.6	26.4

