

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043366.D
 Acq On : 29 Oct 2019 1:21
 Operator : JU
 Sample : K5539-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:20:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44759	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	154075	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	119429	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	279870	20.00	ng	0.00
76) Chrysene-d12	21.66	240	315543	20.00	ng	0.00
87) Perylene-d12	24.86	264	371573	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	299287	122.53	ng	0.01
7) Phenol-d6	7.21	99	415286	118.17	ng	0.01
23) Nitrobenzene-d5	9.19	82	248764	83.24	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	253476	111.53	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	600075	69.43	ng	0.00
79) Terphenyl-d14	20.01	244	1198699	71.27	ng	0.00

Target Compounds

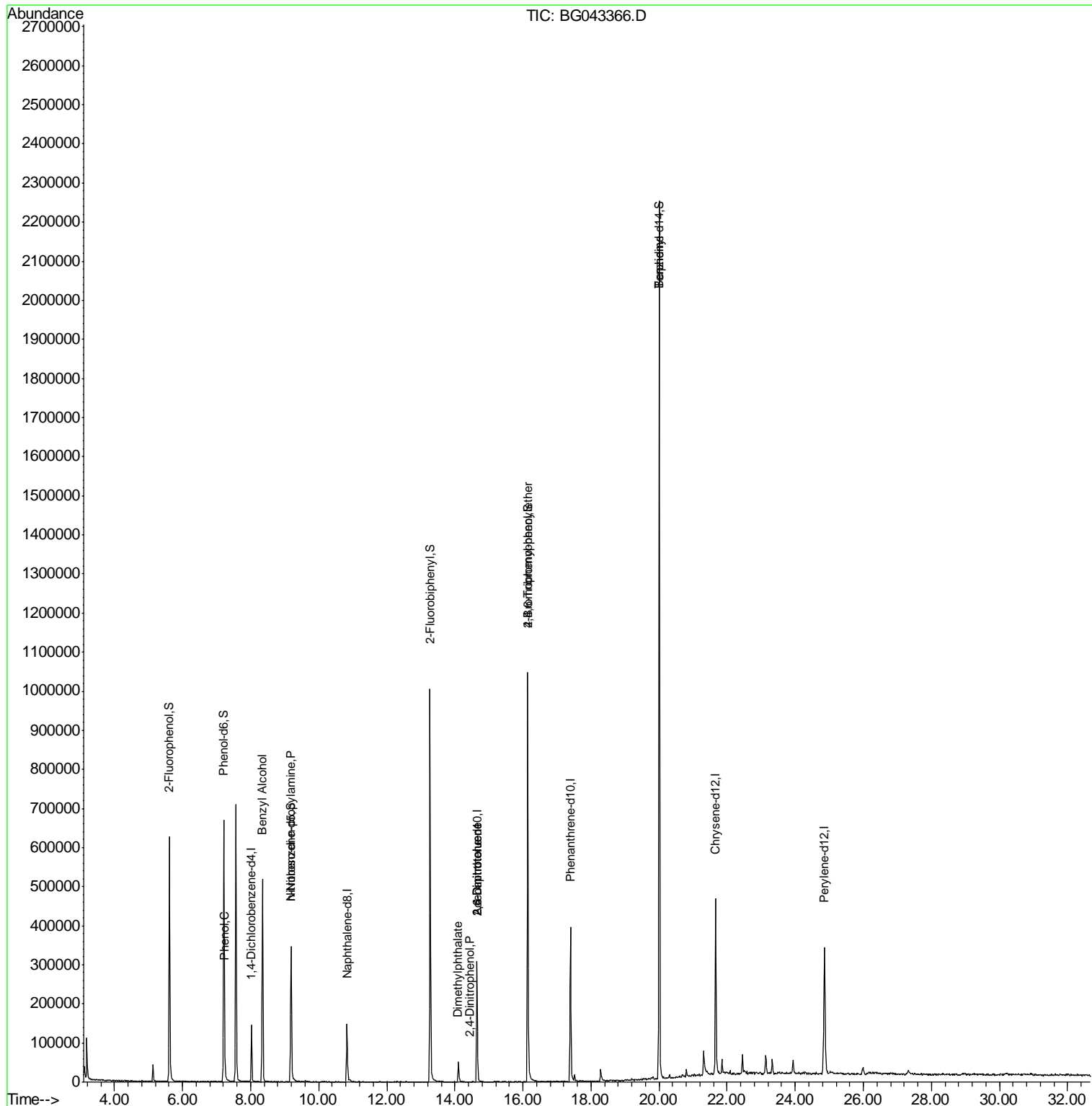
						Qvalue
10) Phenol	7.24	94	10800	3.363	ng	# 71
15) Benzyl Alcohol	8.35	79	4949	2.005	ng	# 60
19) n-Nitroso-di-n-propylamine	9.18	70	33657	14.821	ng	# 86
50) Dimethylphthalate	14.10	163	45679	4.938	ng	99
51) 2,6-Dinitrotoluene	14.65	165	15858	7.891	ng	# 24
54) 2,4-Dinitrophenol	14.44	184	78	7.339	ng	# 20
57) 2,4-Dinitrotoluene	14.65	165	15858	5.521	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	15941	4.232	ng	# 1
77) Benzidine	20.01	184	18205	2.867	ng	# 93

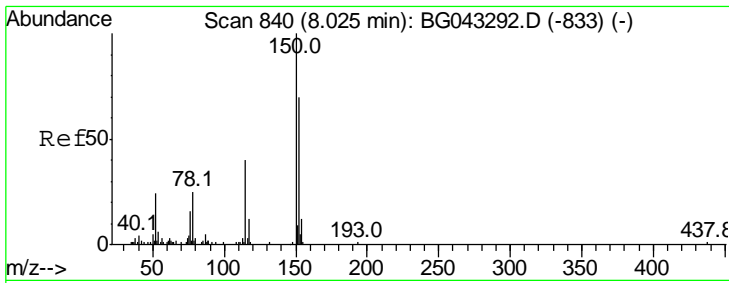
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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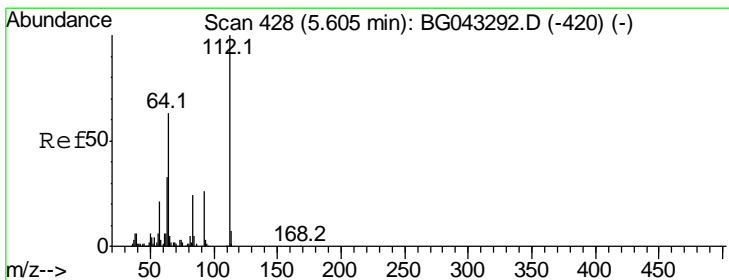
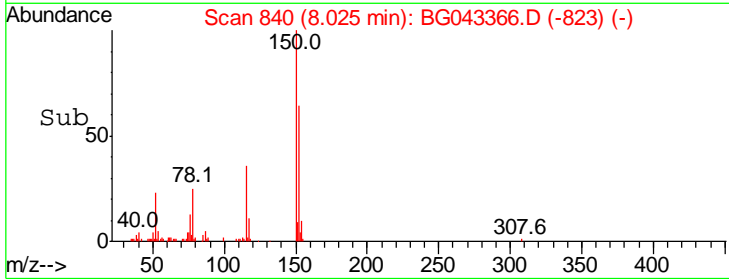
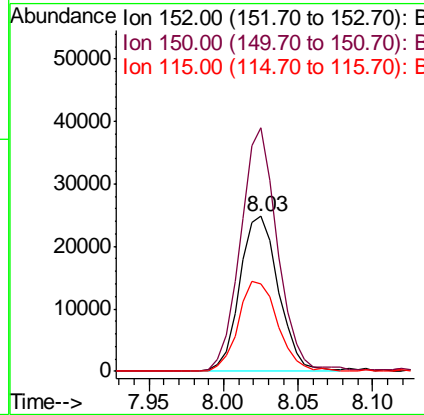
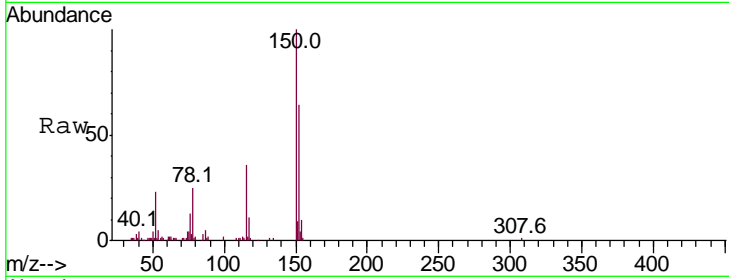




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

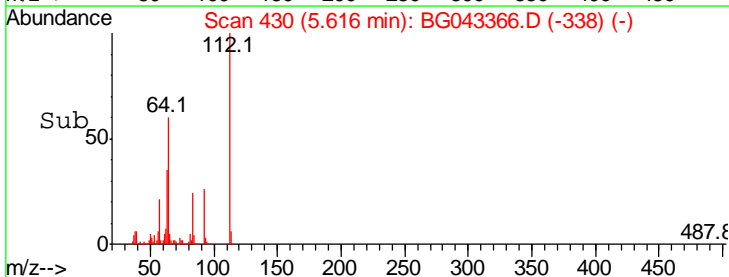
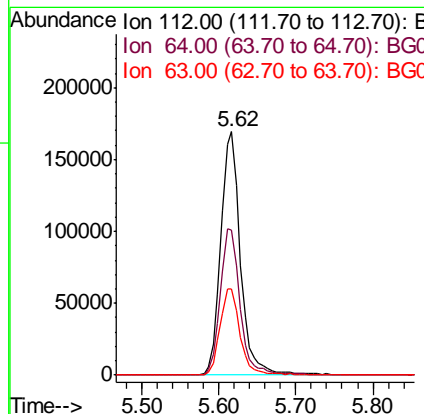
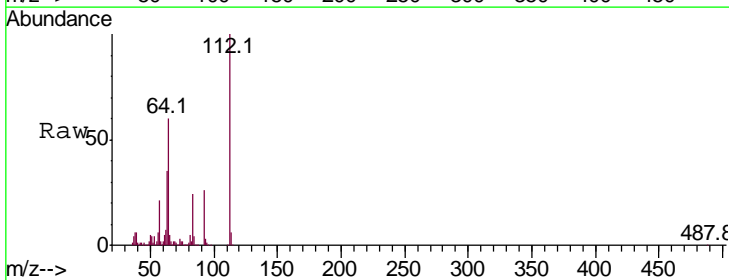
Instrument :
 BNA_G
 ClientSampleID :

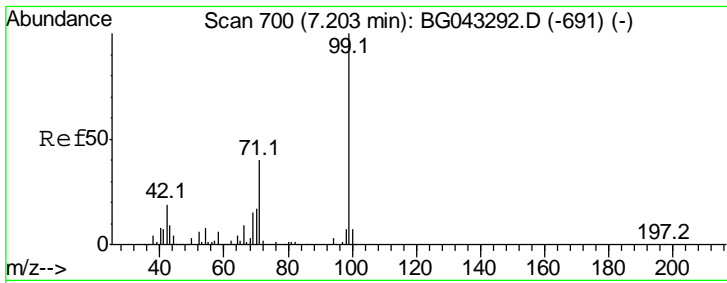
Tgt Ion	Resp	Lower	Upper
152	100		
150	157.1	113.6	170.4
115	56.5	45.9	68.9



#5
 2-Fluorophenol
 Concen: 122.529 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
112	100		
64	59.6	50.2	75.2
63	35.4	26.7	40.1

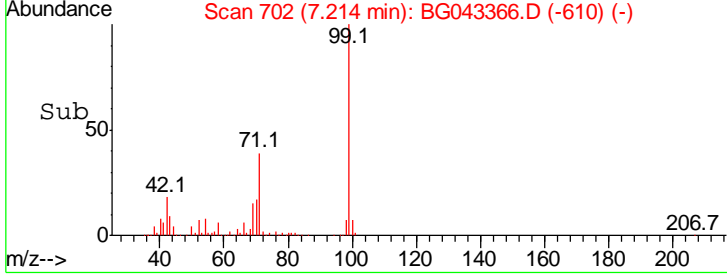
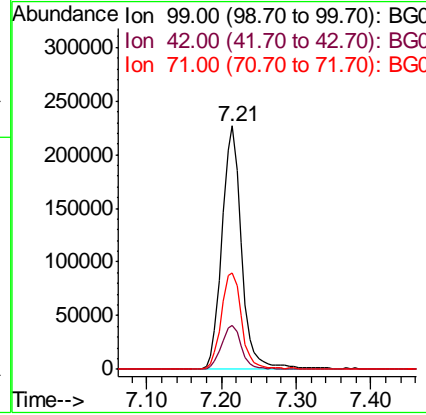
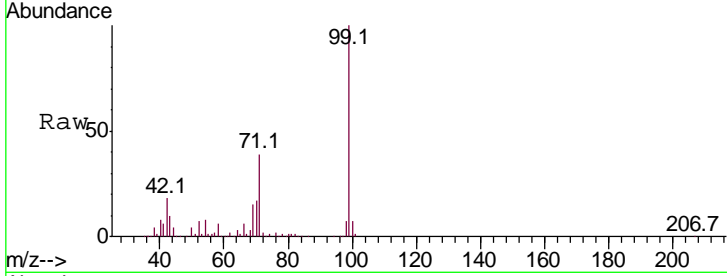




#7
 Phenol-d6
 Concen: 118.170 ng
 RT: 7.21 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

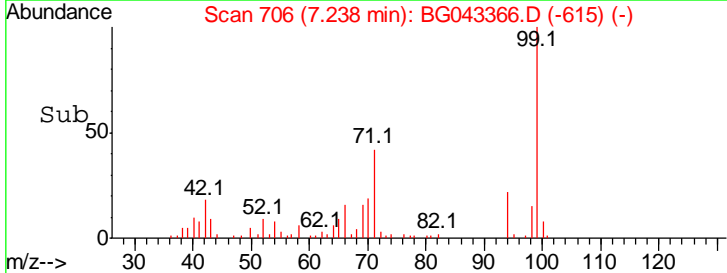
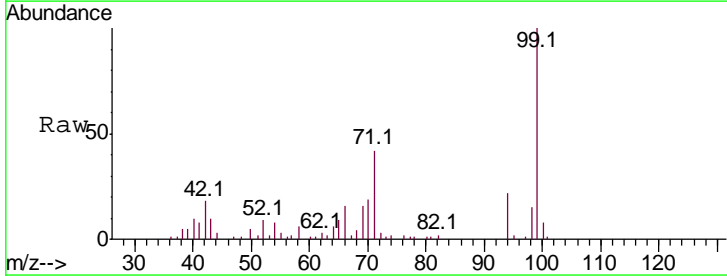
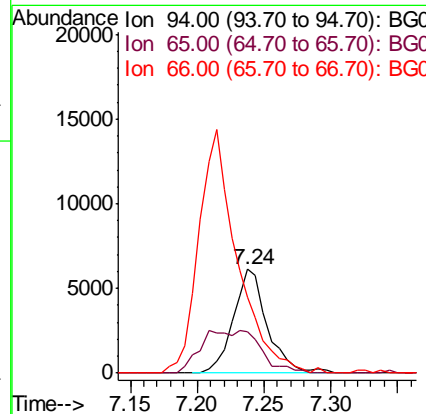
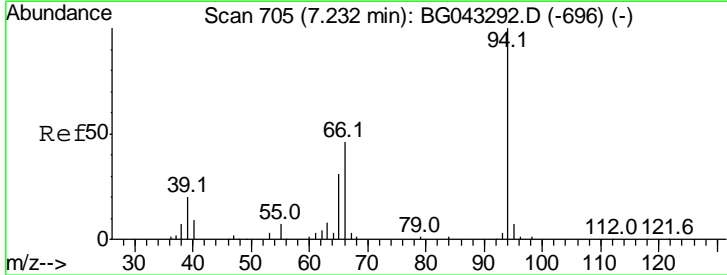
Instrument :
 BNA_G
 ClientSampled :

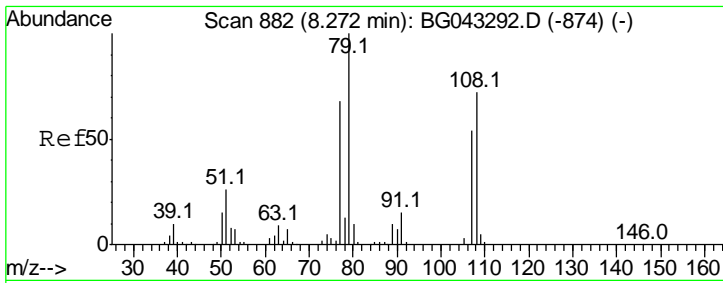
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	39.4	32.2	48.2



#10
 Phenol
 Concen: 3.363 ng
 RT: 7.24 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
94	100		
65	40.3	11.1	51.1
66	73.2	27.8	67.8#

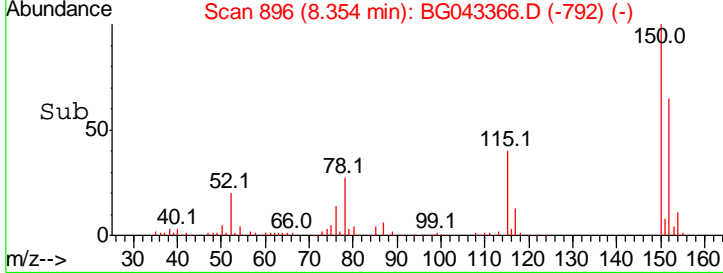
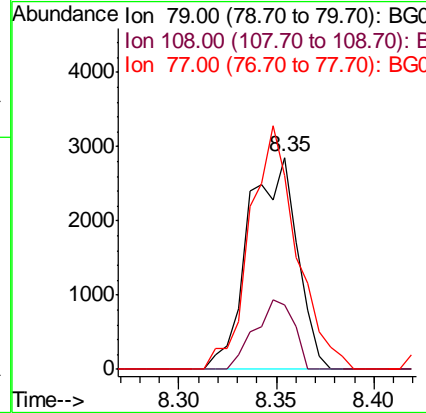
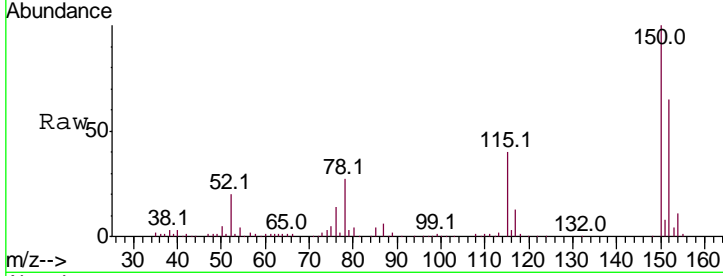




#15
 Benzyl Alcohol
 Concen: 2.005 ng
 RT: 8.35 min Scan# 896
 Delta R.T. 0.08 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

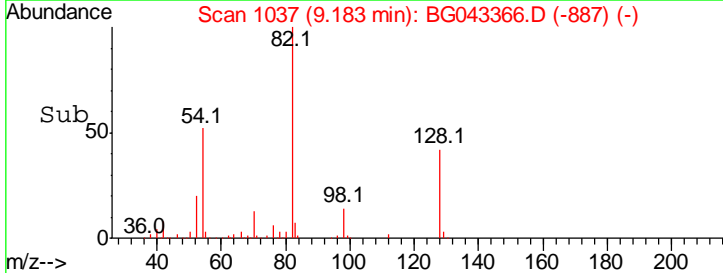
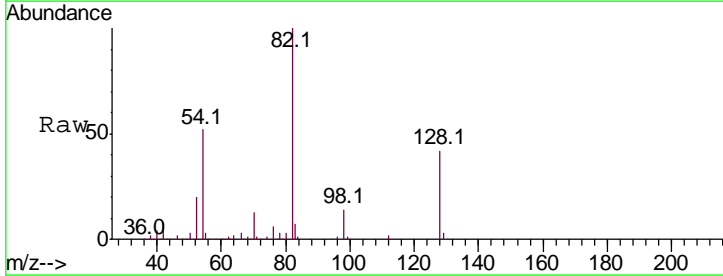
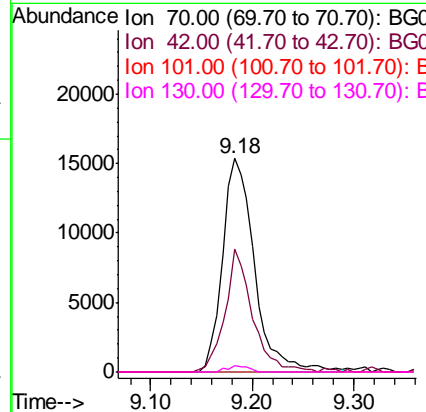
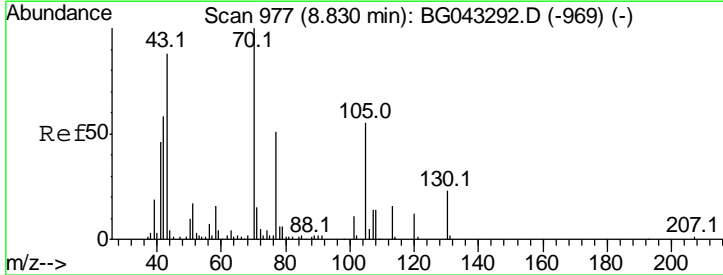
Instrument :
 BNA_G
 ClientSampled :

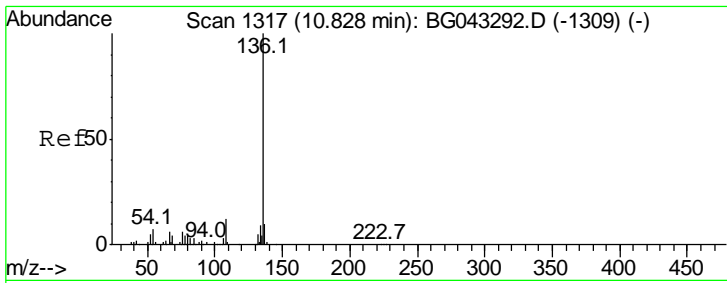
Tgt Ion	Resp	Lower	Upper
79	100		
108	30.2	57.3	85.9#
77	91.4	54.6	81.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.821 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.35 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
70	100		
42	57.6	46.2	69.2
101	0.0	8.6	13.0#
130	3.2	18.6	27.8#

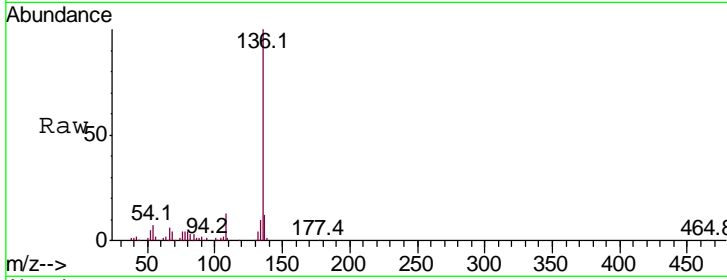




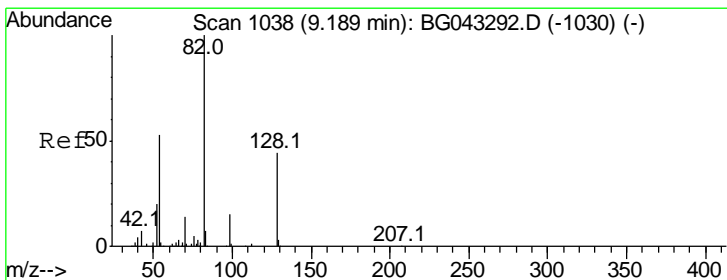
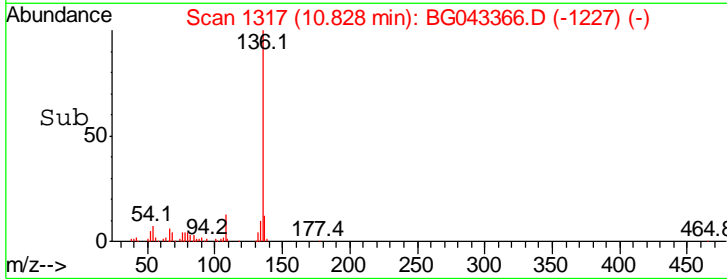
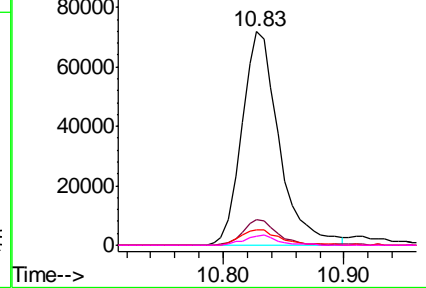
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	100		
137	12.2	8.2	12.2
54	7.1	5.4	8.2
68	4.2	3.3	4.9

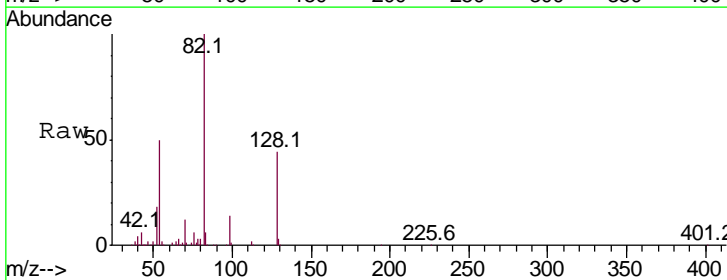


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

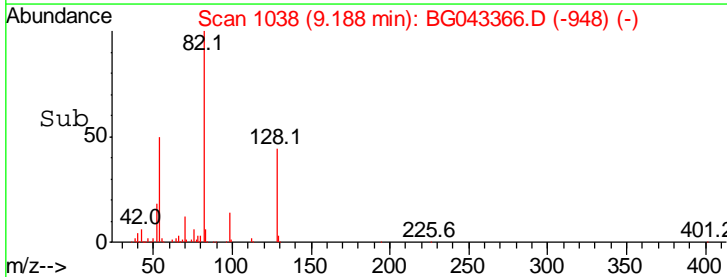
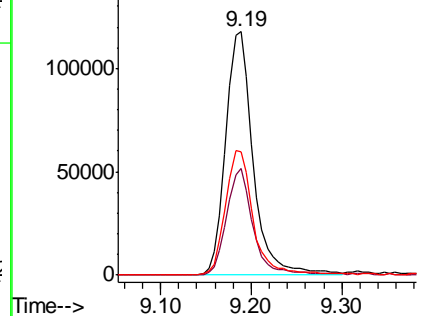


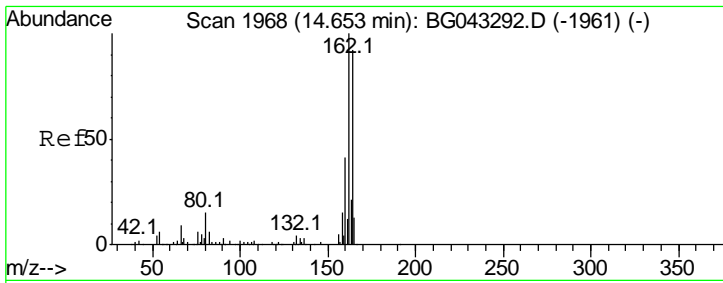
#23
 Nitrobenzene-d5
 Concen: 83.238 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
82	100		
128	43.8	35.3	52.9
54	50.4	42.3	63.5



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

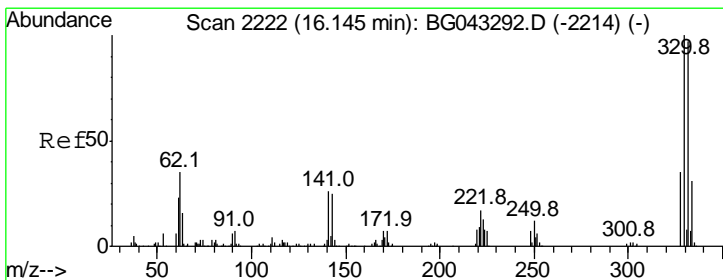
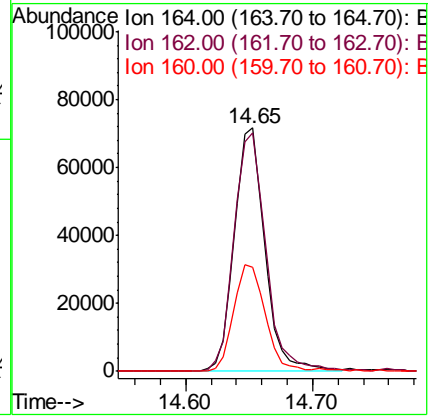
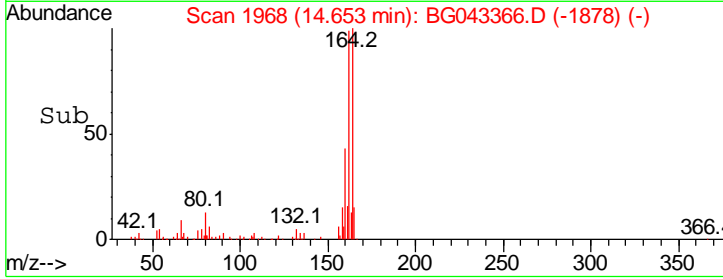
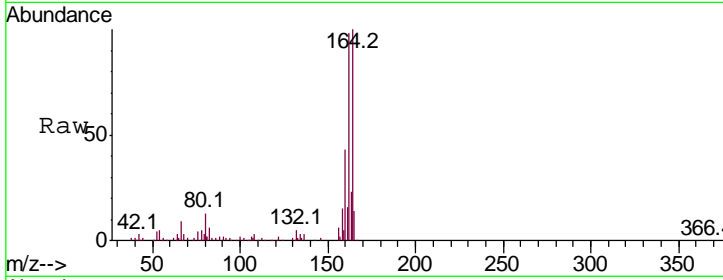




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

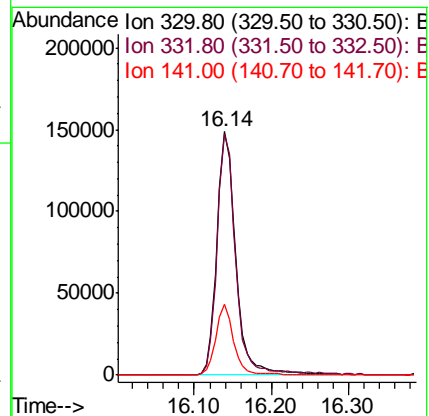
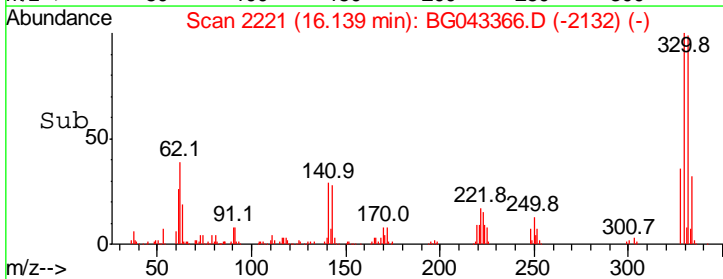
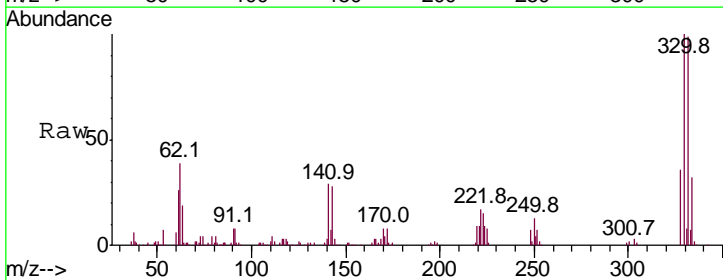
Instrument :
 BNA_G
 ClientSampled :

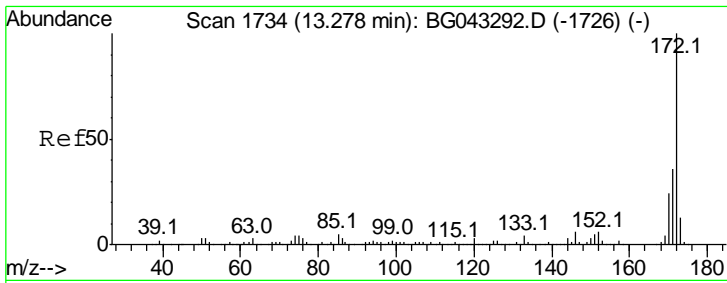
Tgt Ion	Resp	Lower	Upper
164	100		
162	97.8	87.0	130.4
160	42.9	35.5	53.3



#42
 2,4,6-Tribromophenol
 Concen: 111.529 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	27.1	21.4	32.0

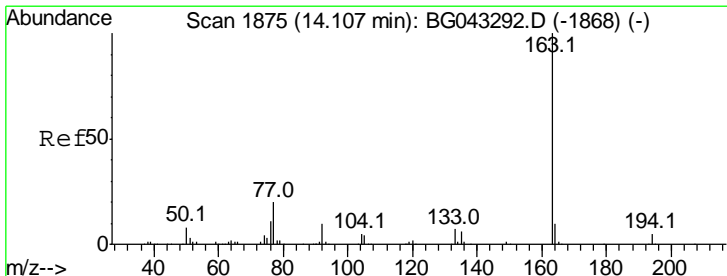
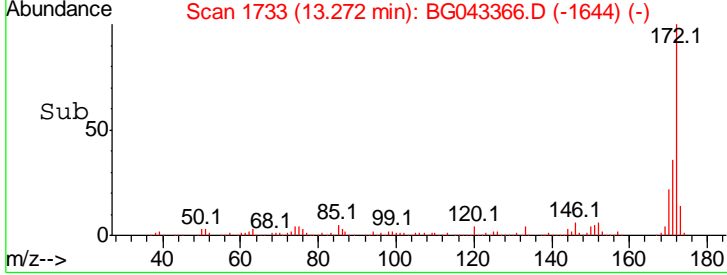
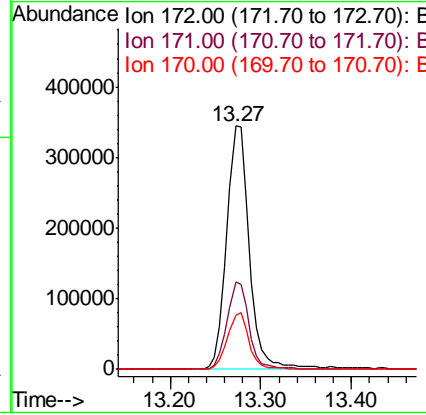
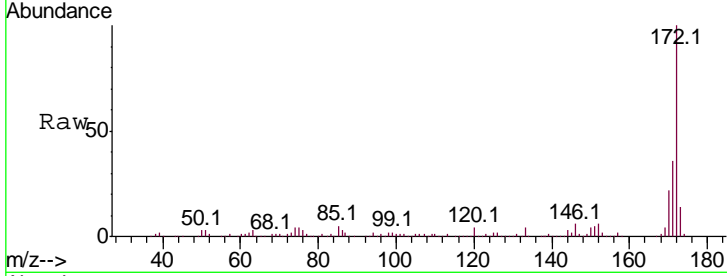




#45
 2-Fluorobiphenyl
 Concen: 69.429 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

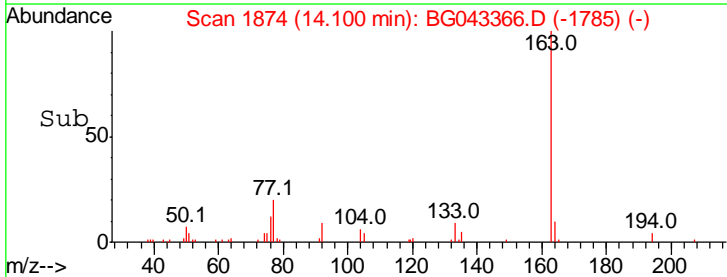
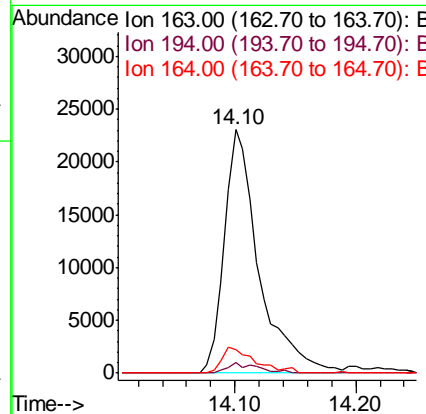
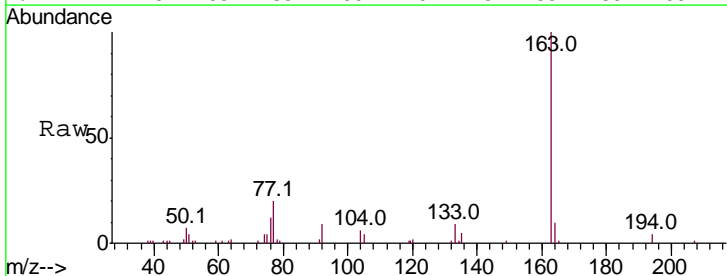
Instrument :
 BNA_G
 ClientSampled :

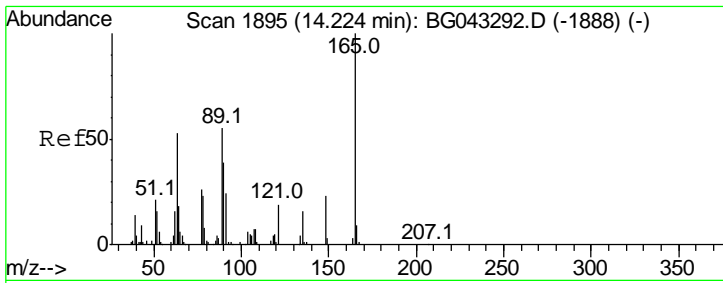
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	22.4	18.8	28.2



#50
 Dimethylphthalate
 Concen: 4.938 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	9.7	8.1	12.1

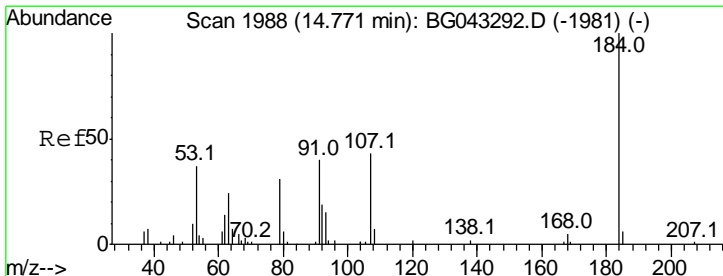
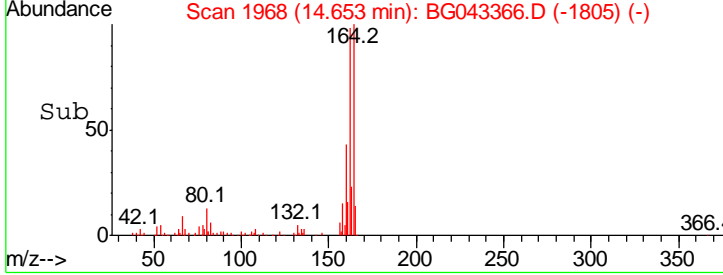
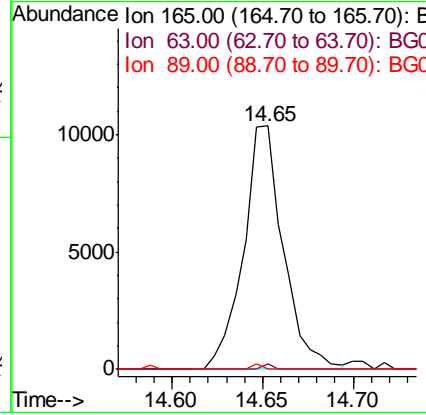
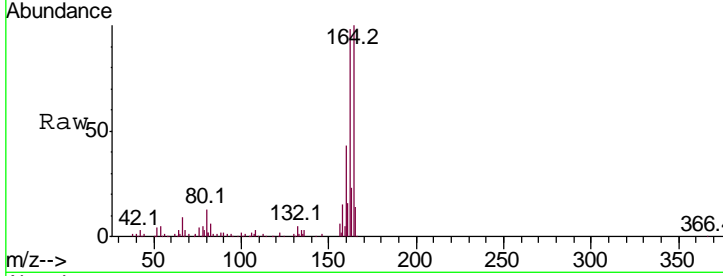




#51
 2,6-Dinitrotoluene
 Concen: 7.891 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

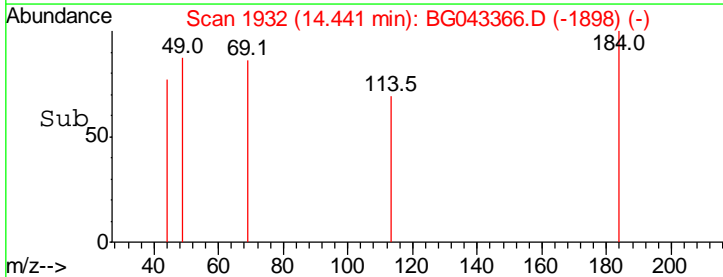
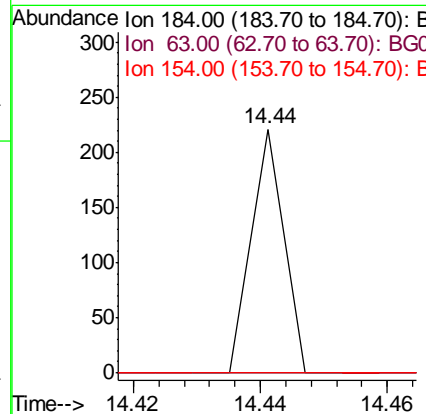
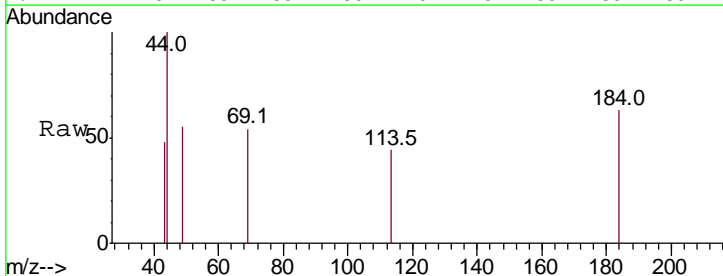
Instrument :
 BNA_G
 ClientSampled :

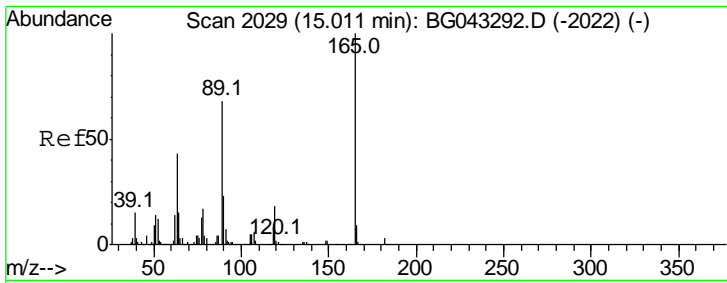
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	47.1	70.7#
89	0.0	43.7	65.5#



#54
 2,4-Dinitrophenol
 Concen: 7.339 ng
 RT: 14.44 min Scan# 1932
 Delta R.T. -0.33 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	48.8	73.2#
154	0.0	49.4	74.0#

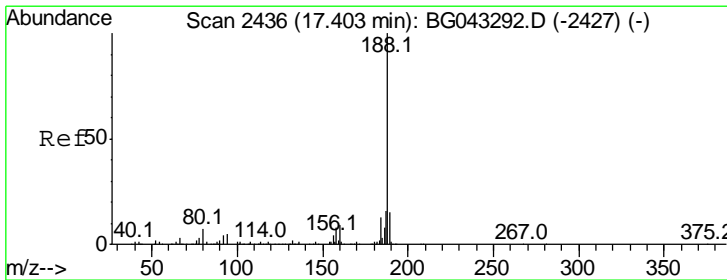
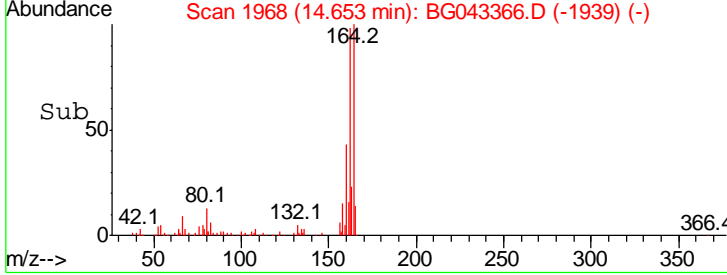
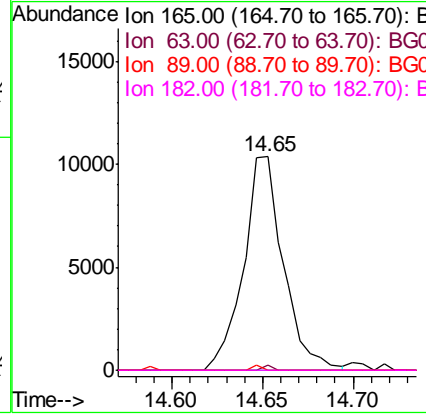
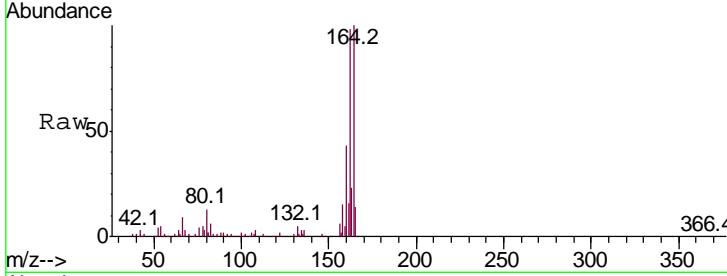




#57
 2,4-Dinitrotoluene
 Concen: 5.521 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

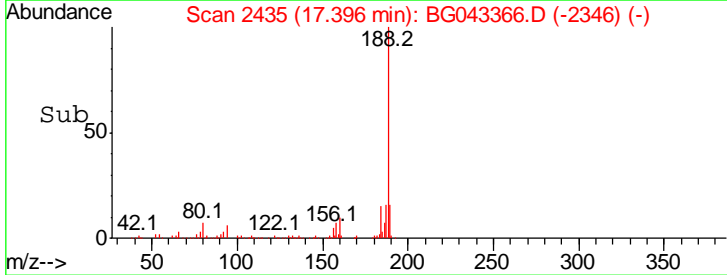
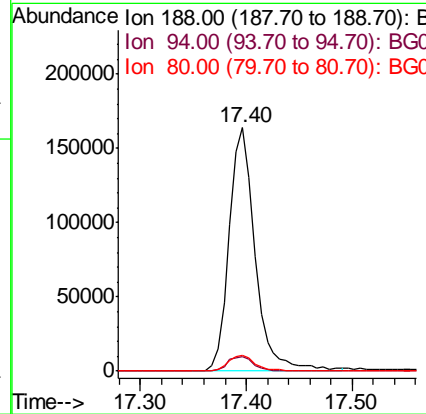
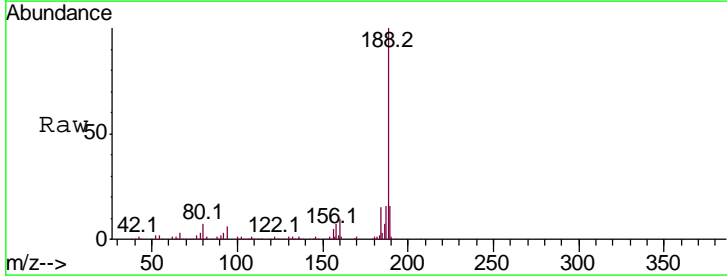
Instrument :
 BNA_G
 ClientSampled :

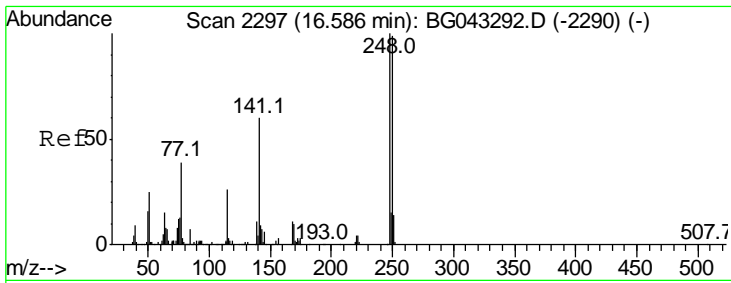
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.5	35.0	52.6#
89	0.0	54.1	81.1#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.6	5.2	7.8

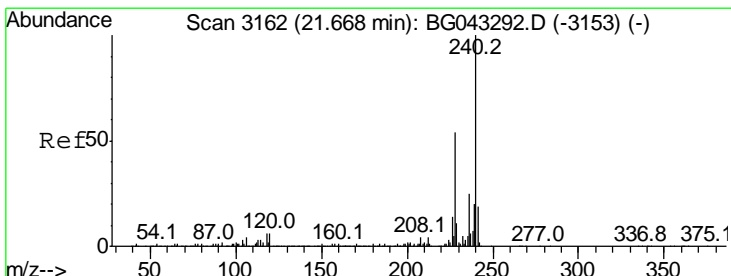
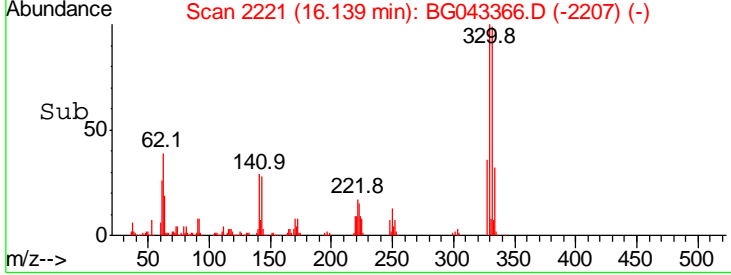
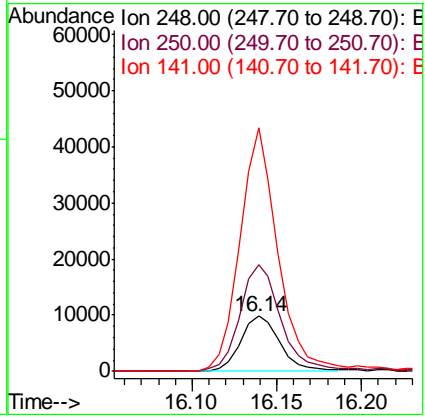
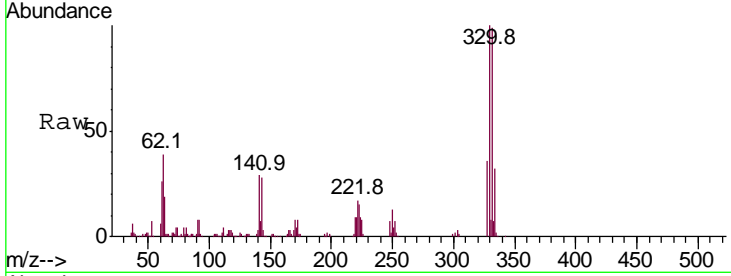




#67
 4-Bromophenyl-phenylether
 Concen: 4.232 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

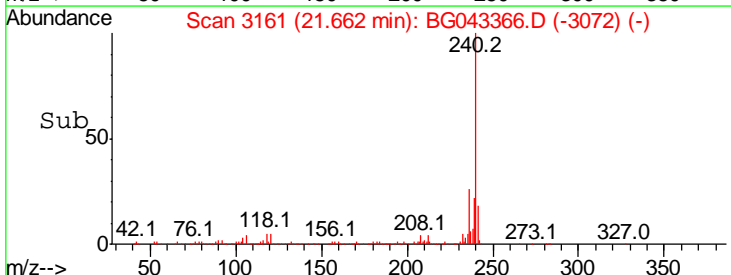
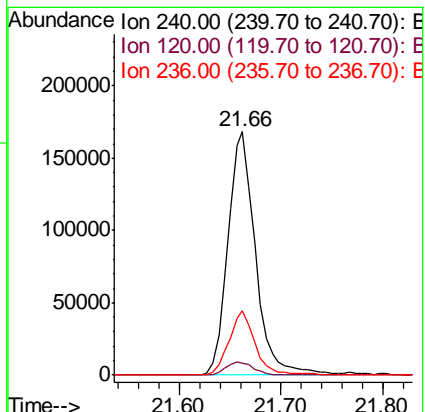
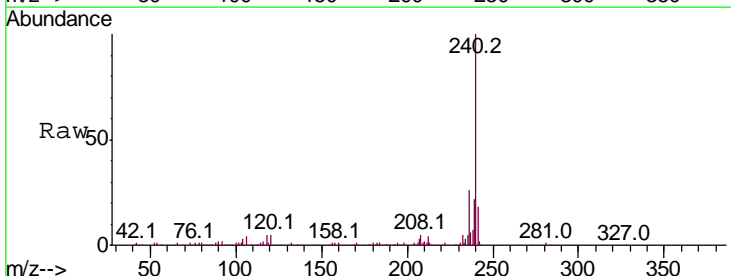
Instrument :
 BNA_G
 ClientSampled :

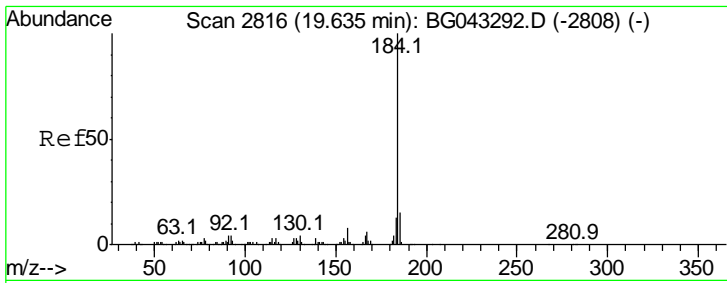
Tgt Ion	Resp	Lower	Upper
248	15941		
250	195.4	79.3	118.9#
141	443.9	47.9	71.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
240	315543		
240	100		
120	5.1	4.6	7.0
236	26.4	20.2	30.4

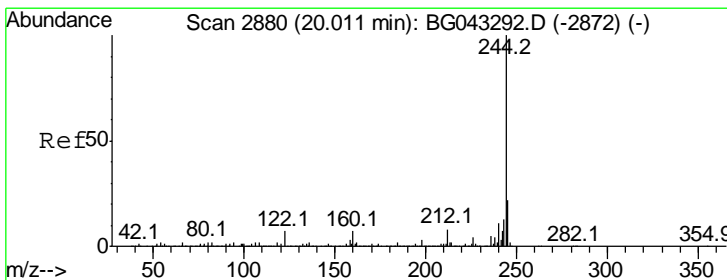
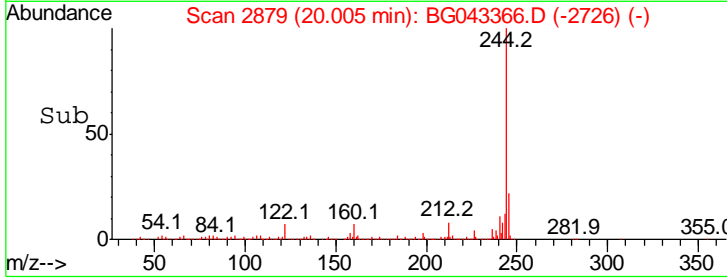
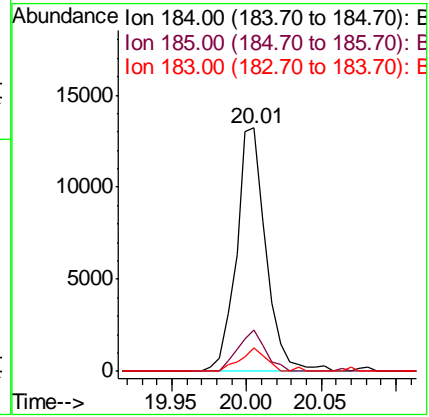
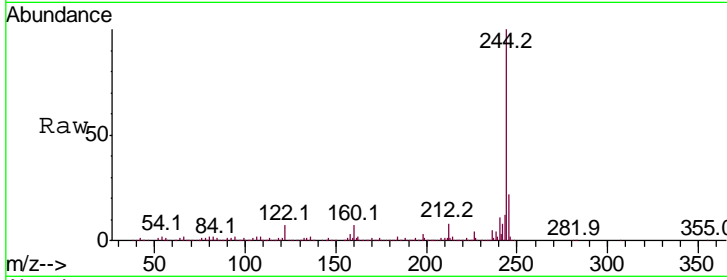




#77
Benzidine
Concen: 2.867 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043366.D
Acq: 29 Oct 2019 1:21

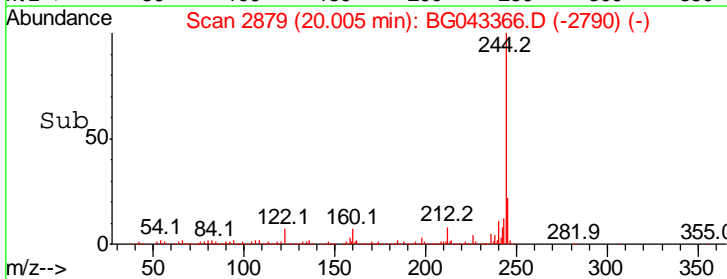
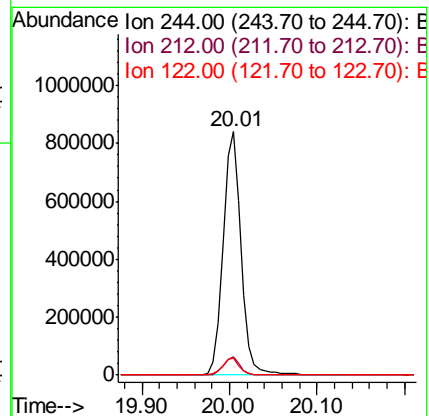
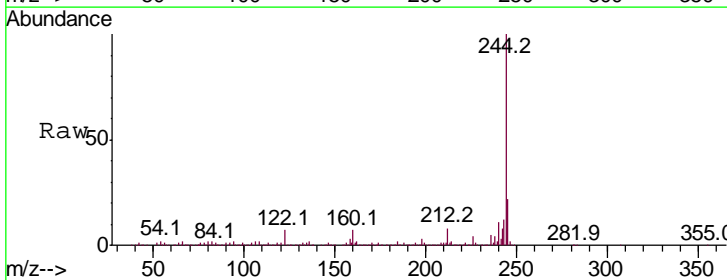
Instrument : BNA_G
ClientSampled :

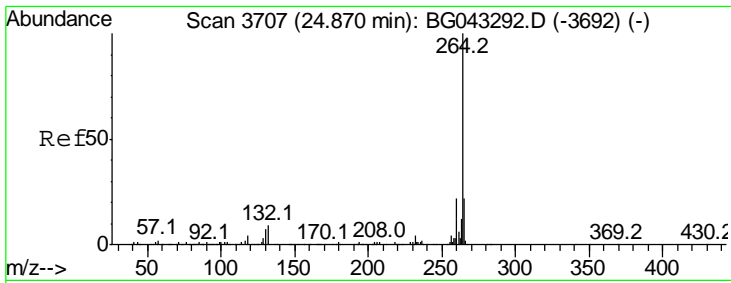
Tgt Ion	Resp	Lower	Upper
184	18205		
185	16.7	11.8	17.6
183	9.6	10.6	16.0#



#79
Terphenyl-d14
Concen: 71.268 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043366.D
Acq: 29 Oct 2019 1:21

Tgt Ion	Resp	Lower	Upper
244	1198699		
212	7.5	6.4	9.6
122	6.9	5.3	7.9





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043366.D
 Acq: 29 Oct 2019 1:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 371573

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	23.2	17.4	26.2

