

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042820.D
 Acq On : 13 Sep 2019 17:17
 Operator : HP/JU
 Sample : K4846-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 22:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

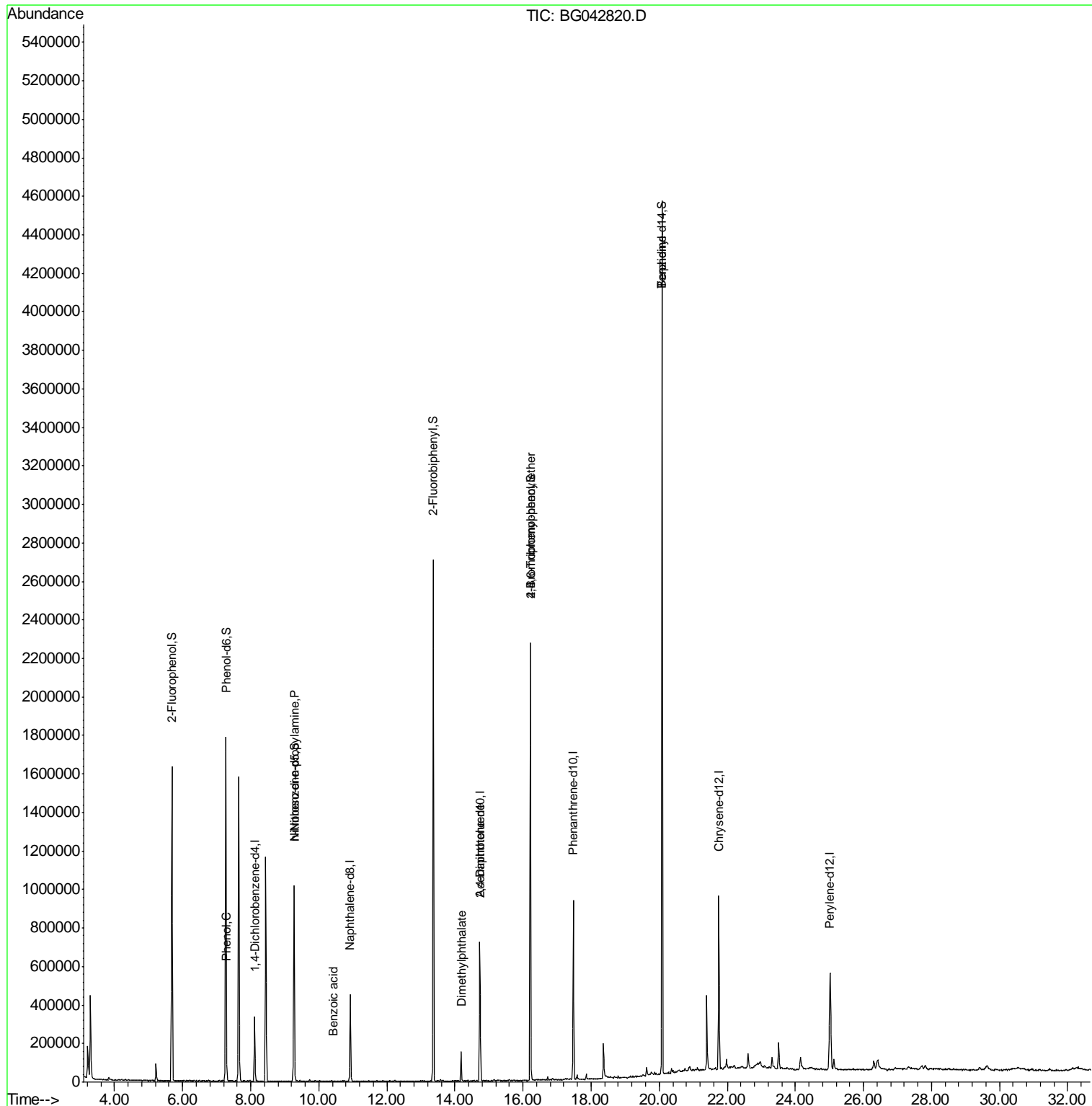
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	92776	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	365656	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	258491	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	577374	20.00	ng	0.00
76) Chrysene-d12	21.75	240	541528	20.00	ng	0.00
87) Perylene-d12	25.03	264	596031	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	645895	121.04	ng	0.00
7) Phenol-d6	7.27	99	994521	129.84	ng	0.00
23) Nitrobenzene-d5	9.28	82	623451	88.77	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	445923	129.67	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1379820	84.50	ng	0.00
79) Terphenyl-d14	20.09	244	2144587	87.77	ng	0.00
Target Compounds						
10) Phenol	7.30	94	33047	4.207	ng	88
19) n-Nitroso-di-n-propylamine	9.28	70	87186	15.448	ng	# 67
32) Benzoic acid	10.44	122	54	5.976	ng	# 1
50) Dimethylphthalate	14.18	163	96745	4.996	ng	99
57) 2,4-Dinitrotoluene	14.73	165	35069	6.622	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	30639	4.384	ng	# 1
77) Benzidine	20.09	184	37486	2.478	ng	# 88

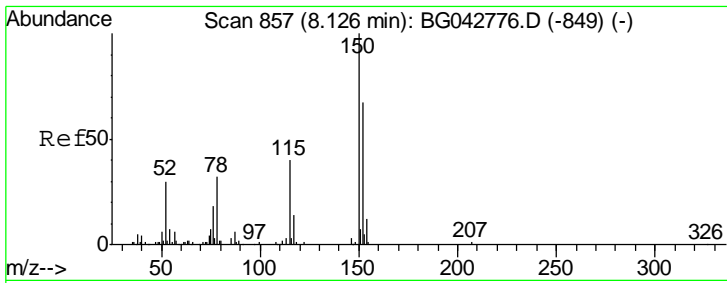
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc :
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Instrument :
 BNA_G
 ClientSampled :

Quant Time: Sep 13 22:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

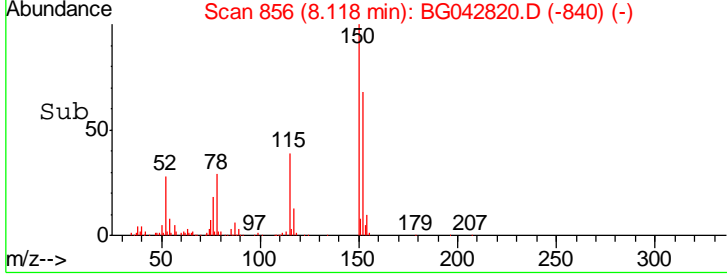
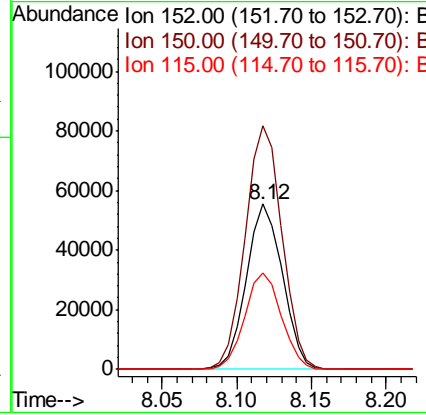
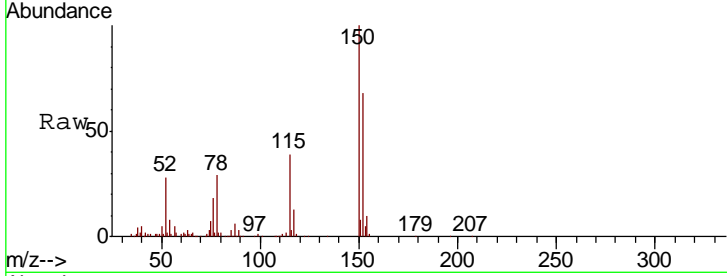




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

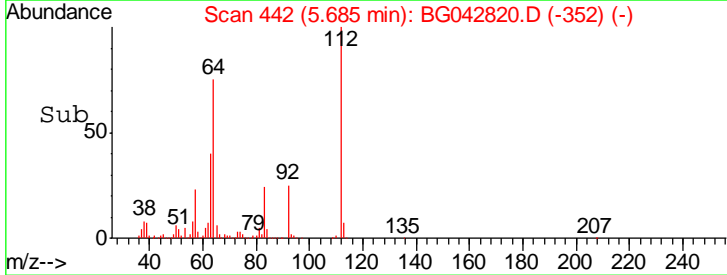
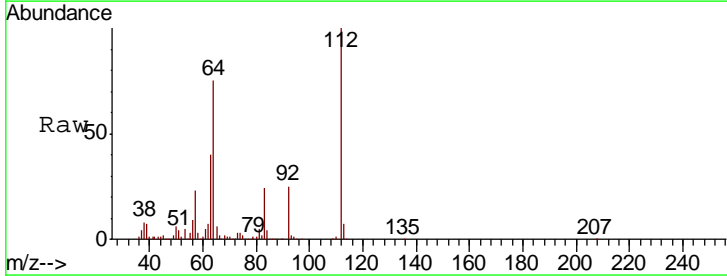
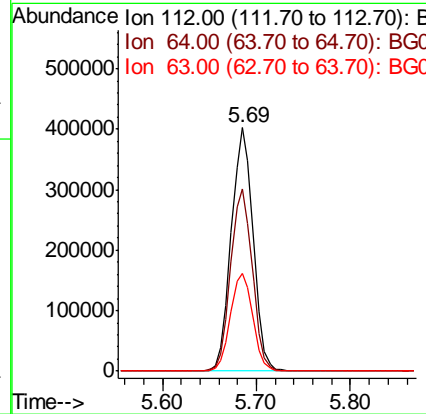
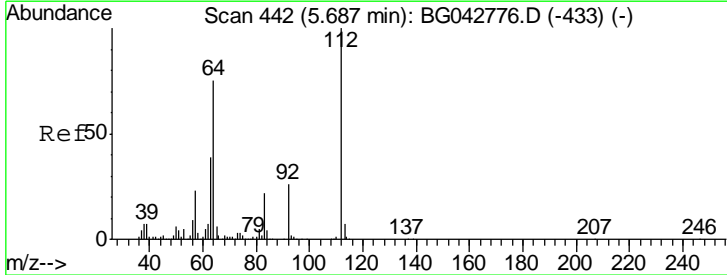
Instrument :
 BNA_G
 ClientSampled :

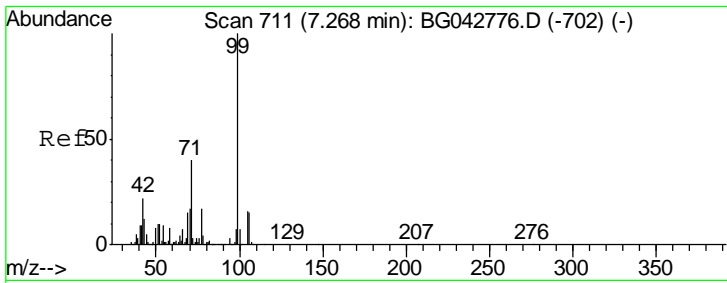
Tgt Ion	Resp	Lower	Upper
152	100		
150	147.1	118.9	178.3
115	57.9	47.4	71.2



#5
 2-Fluorophenol
 Concen: 121.036 ng
 RT: 5.69 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
112	100		
64	74.7	60.2	90.2
63	40.2	31.2	46.8

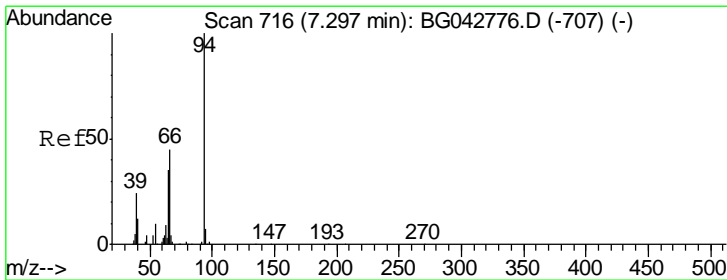
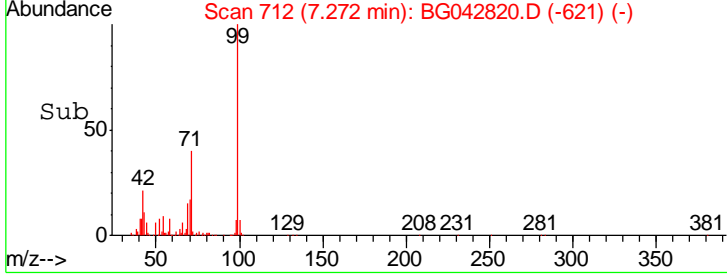
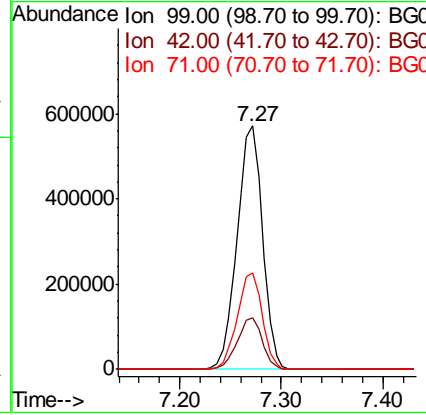
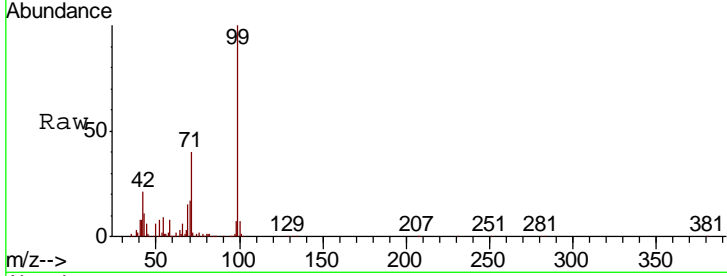




#7
 Phenol-d6
 Concen: 129.841 ng
 RT: 7.27 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

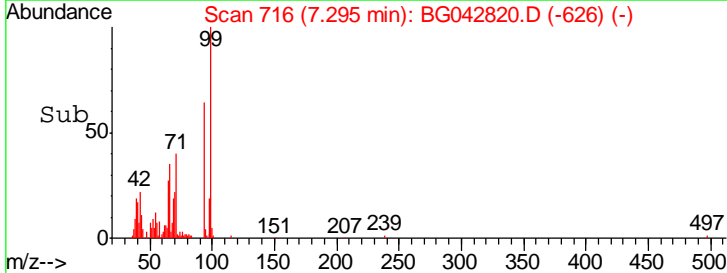
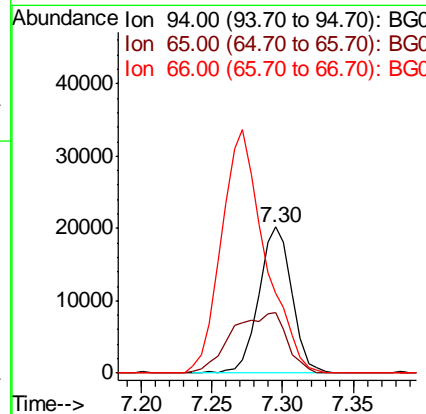
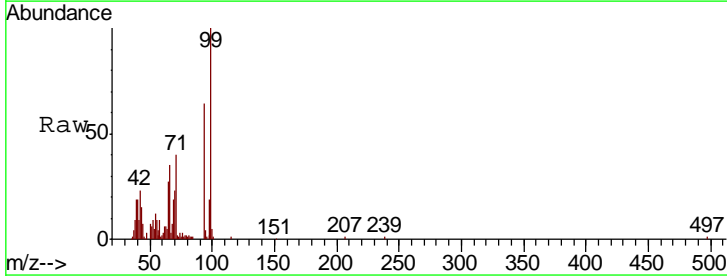
Instrument :
 BNA_G
 ClientSampled :

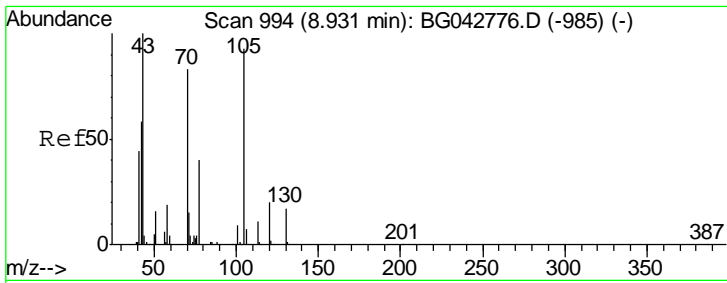
Tgt Ion	Resp	Lower	Upper
99	100		
42	21.1	17.5	26.3
71	39.6	32.0	48.0



#10
 Phenol
 Concen: 4.207 ng
 RT: 7.30 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
94	100		
65	41.7	15.0	55.0
66	54.8	26.1	66.1

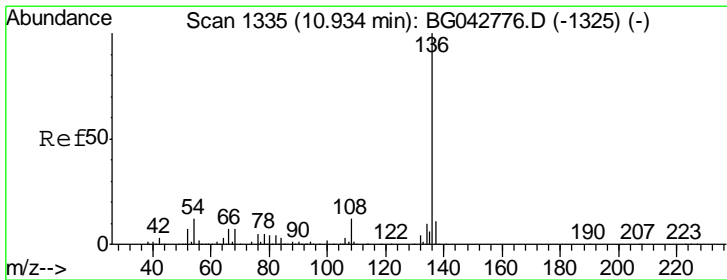
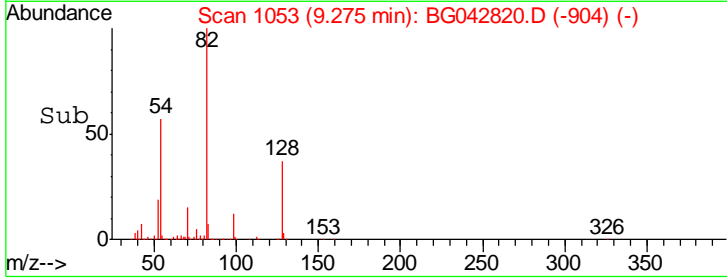
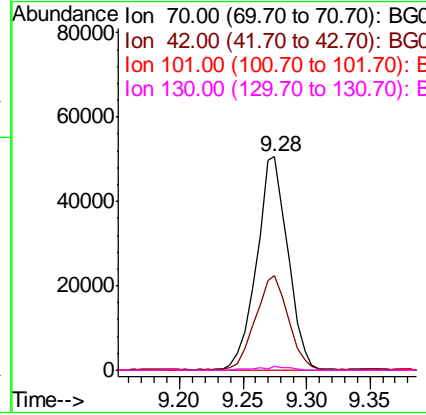
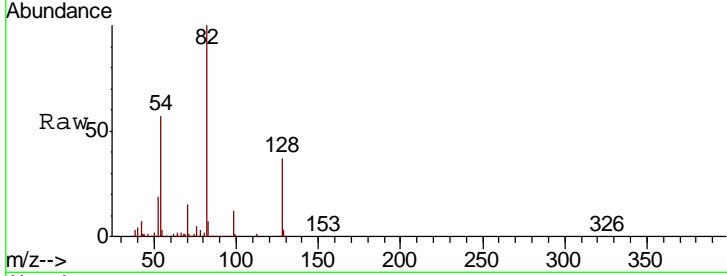




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.448 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. 0.34 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

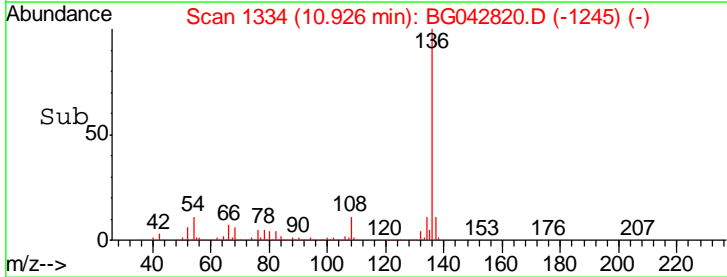
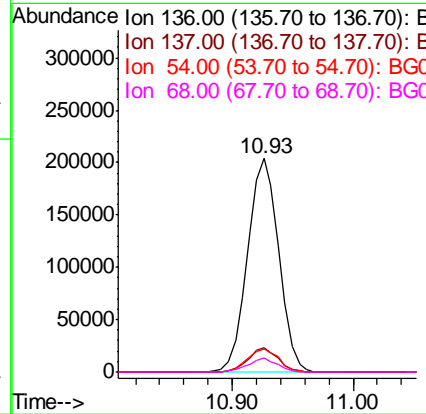
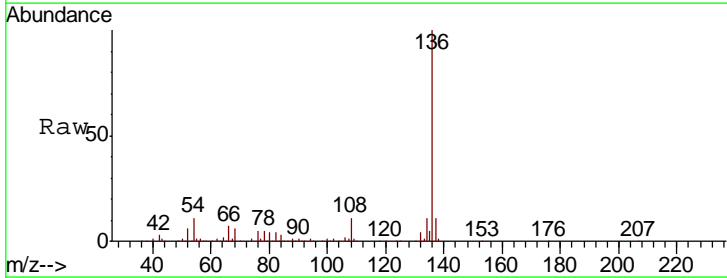
Instrument :
 BNA_G
 ClientSampled :

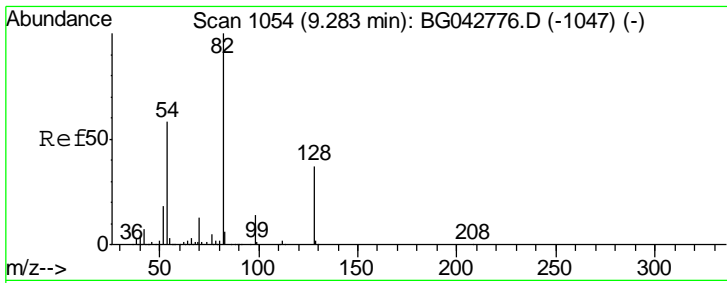
Tgt Ion	Resp	Lower	Upper
70	100		
42	44.6	57.0	85.6#
101	0.0	8.4	12.6#
130	1.8	16.1	24.1#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.8	9.4	14.0
68	6.4	5.4	8.2

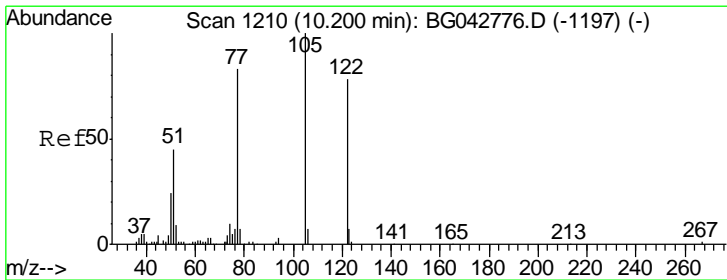
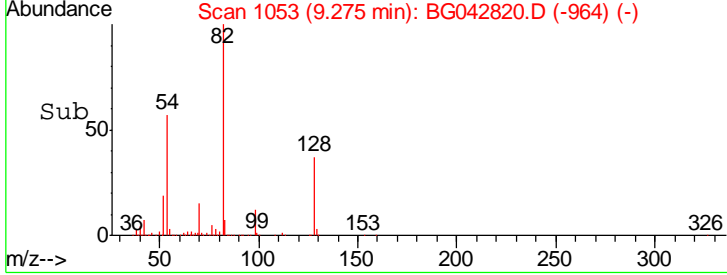
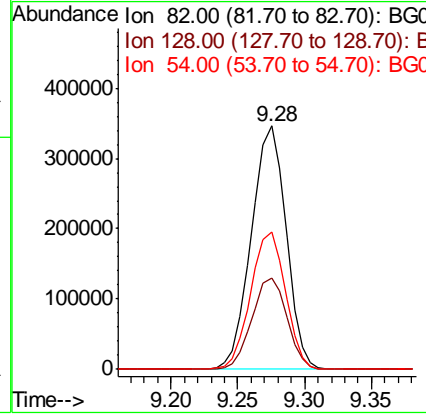
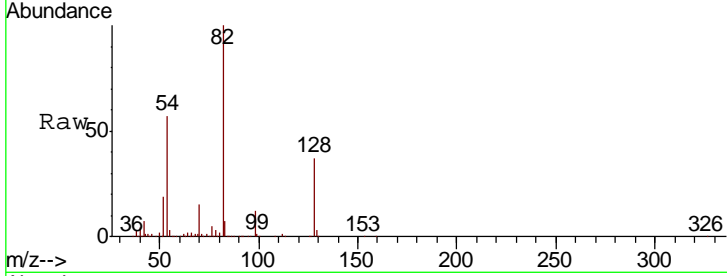




#23
 Nitrobenzene-d5
 Concen: 88.768 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

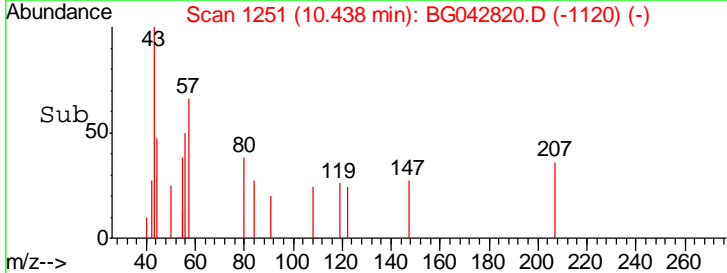
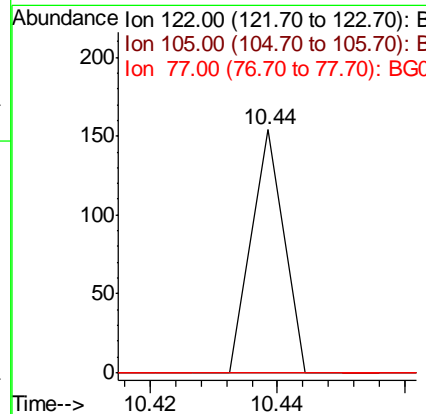
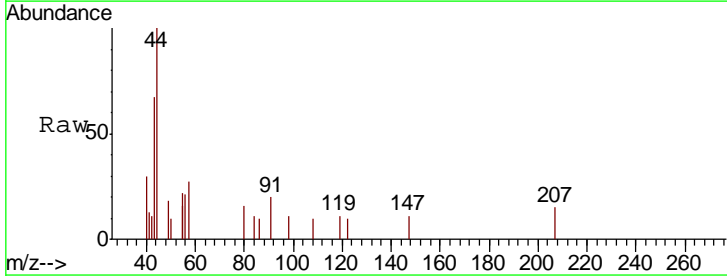
Instrument :
 BNA_G
 ClientSampled :

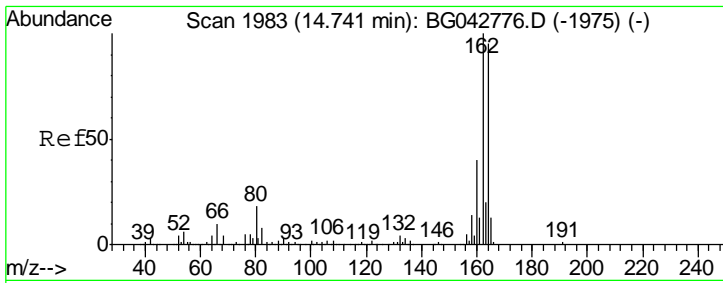
Tgt Ion	Resp	Lower	Upper
82	100		
128	37.4	29.8	44.8
54	56.6	46.1	69.1



#32
 Benzoic acid
 Concen: 5.976 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.24 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#

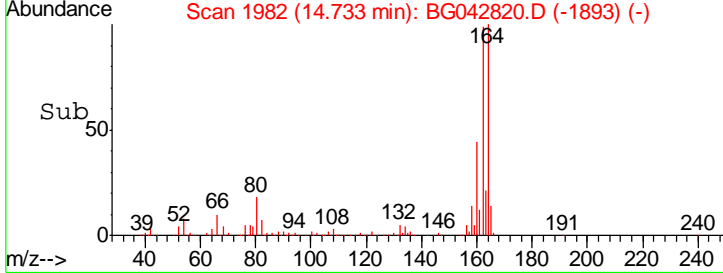
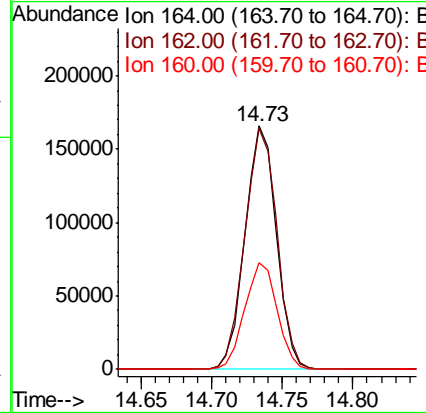
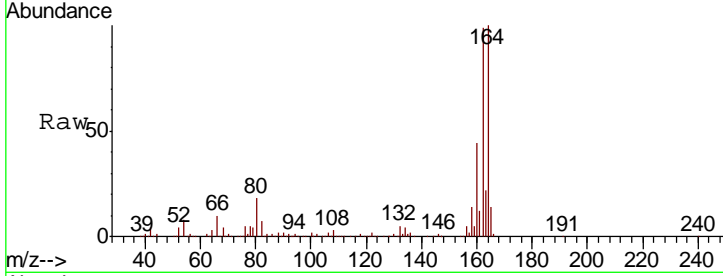




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

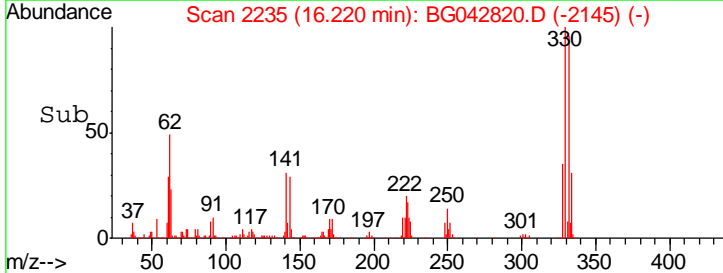
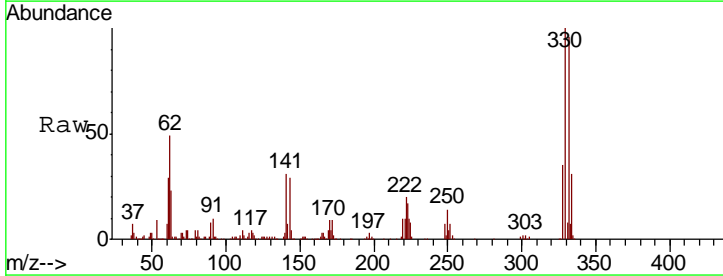
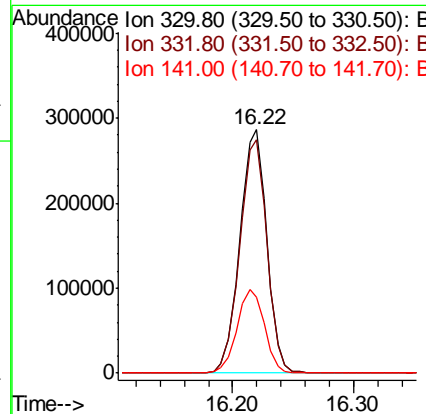
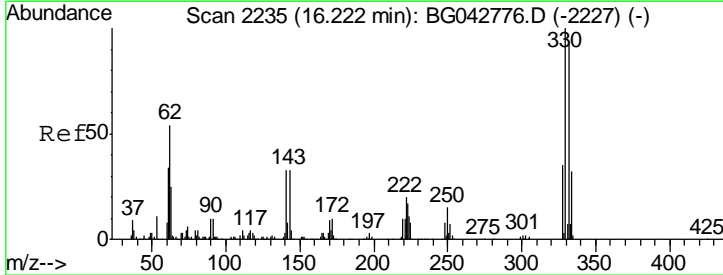
Instrument :
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 ClientSampled :

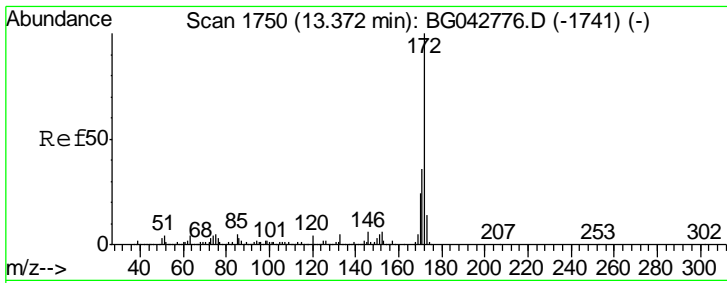
Tgt Ion	Resp	Lower	Upper
164	100		
162	99.0	84.6	126.8
160	43.6	34.2	51.2



#42
 2,4,6-Tribromophenol
 Concen: 129.666 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	34.8	27.0	40.6

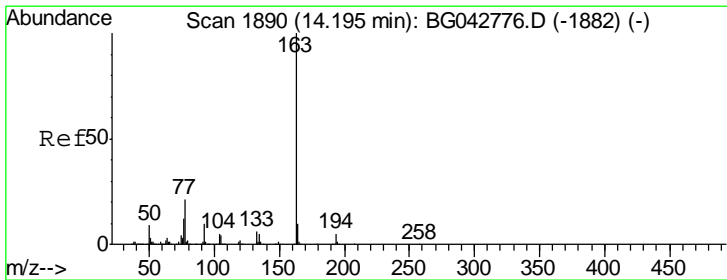
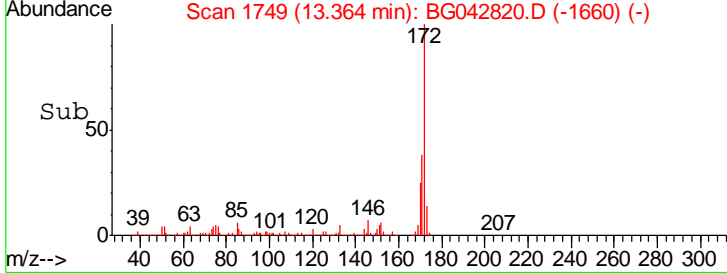
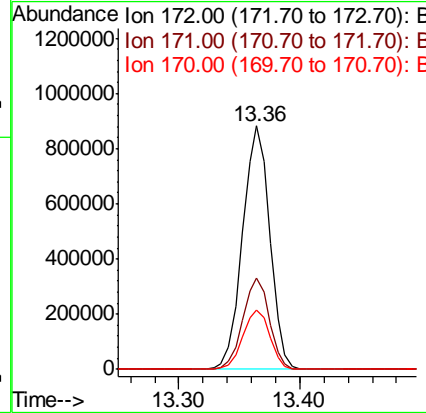
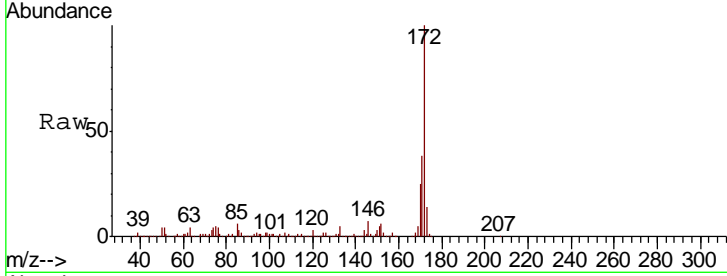




#45
 2-Fluorobiphenyl
 Concen: 84.497 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

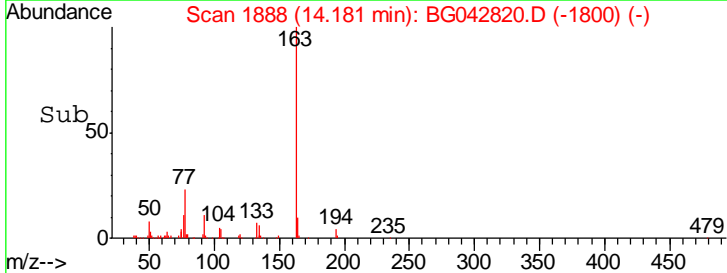
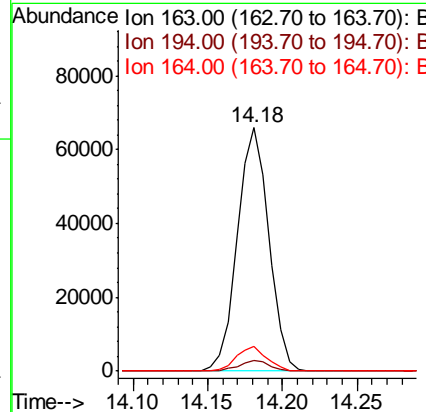
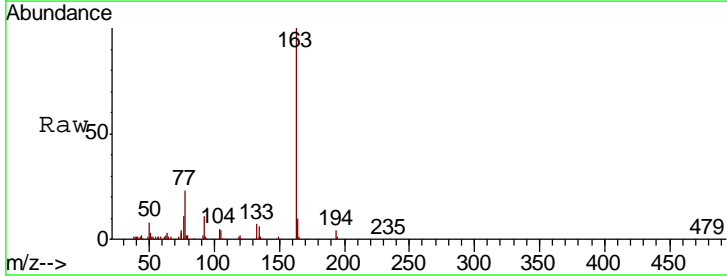
Instrument :
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 ClientSampled :

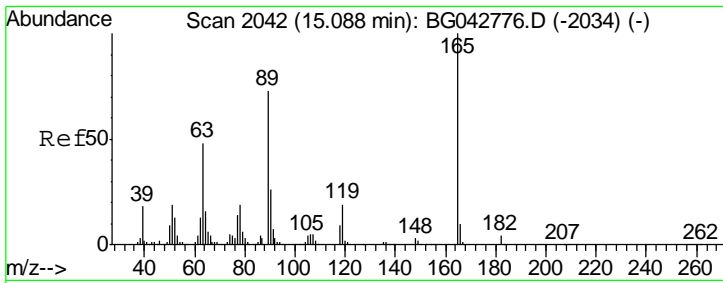
Tgt Ion	Resp	Lower	Upper
172	1379820		
171	37.5	28.9	43.3
170	24.6	19.1	28.7



#50
 Dimethylphthalate
 Concen: 4.996 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
163	96745		
194	4.4	4.2	6.4
164	10.3	8.4	12.6

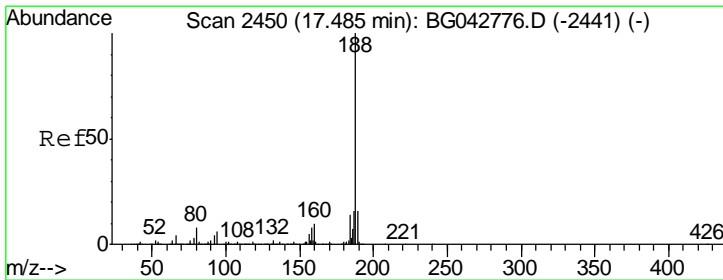
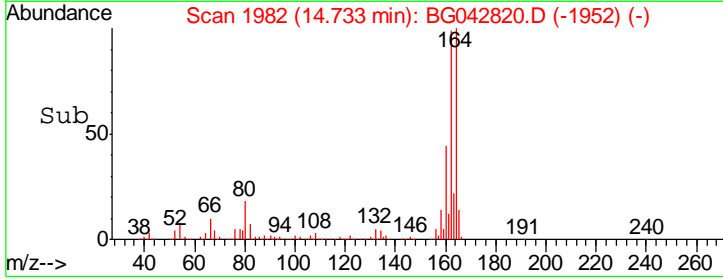
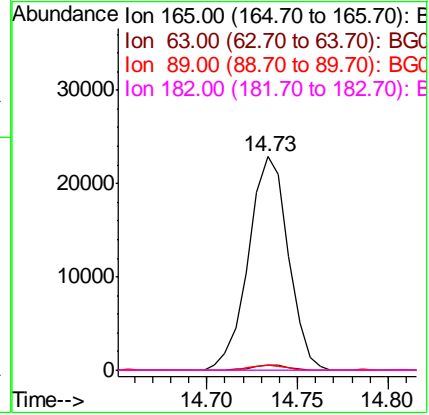
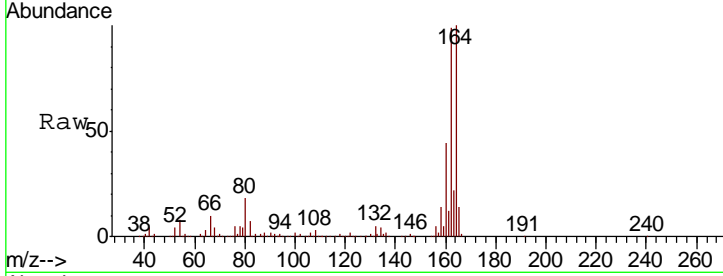




#57
 2,4-Dinitrotoluene
 Concen: 6.622 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

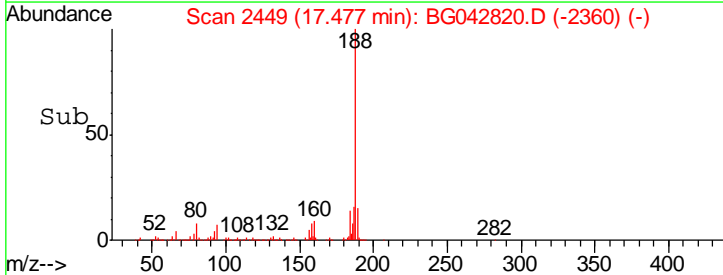
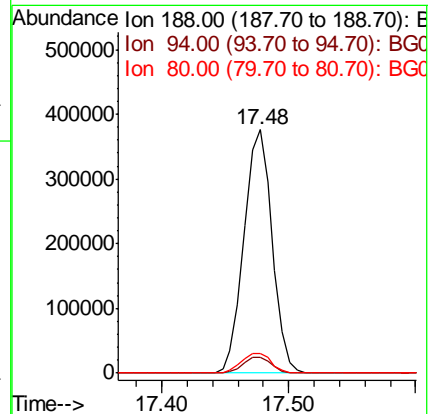
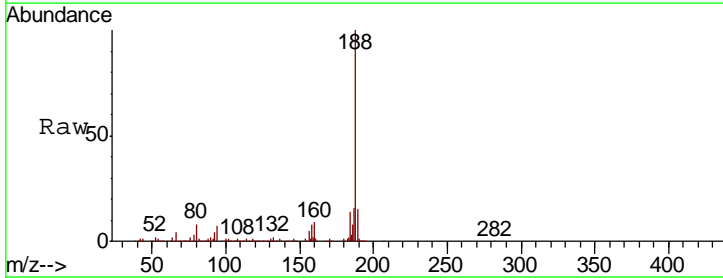
Instrument :
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 ClientSampled :

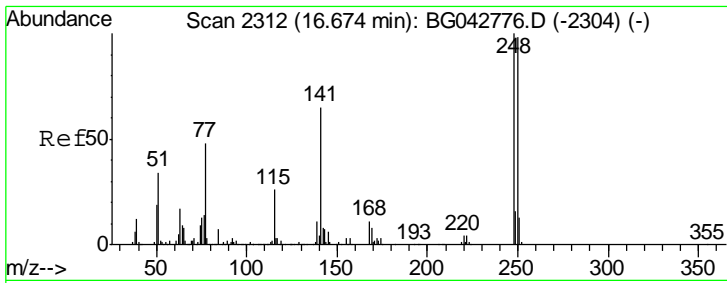
Tgt Ion	Resp	Lower	Upper
165	35069		
63	2.2	38.3	57.5#
89	2.4	58.4	87.6#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
188	577374		
94	6.6	4.8	7.2
80	8.2	6.6	9.8

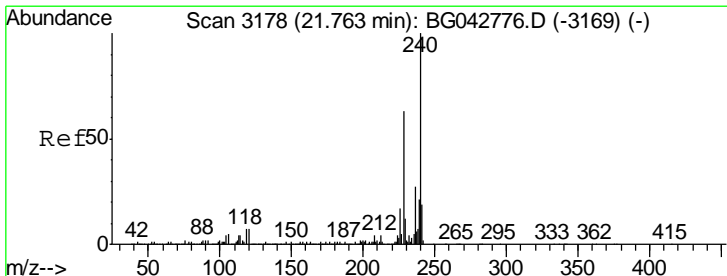
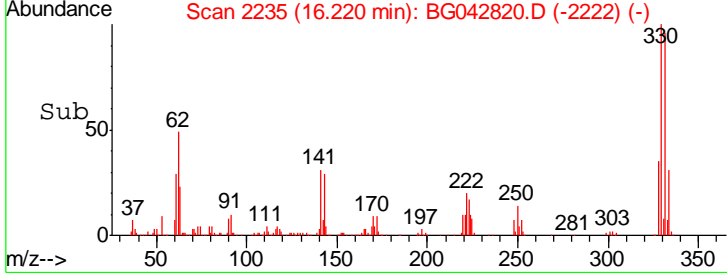
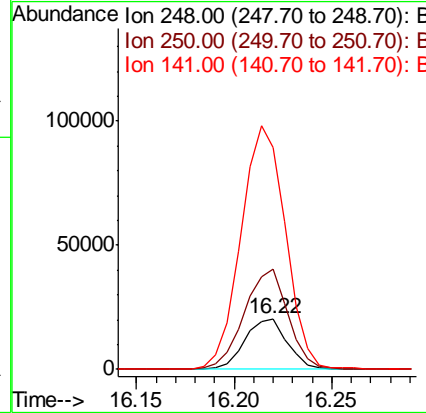
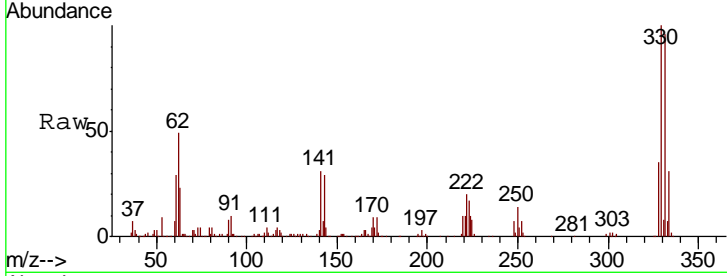




#67
 4-Bromophenyl-phenylether
 Concen: 4.384 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.45 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

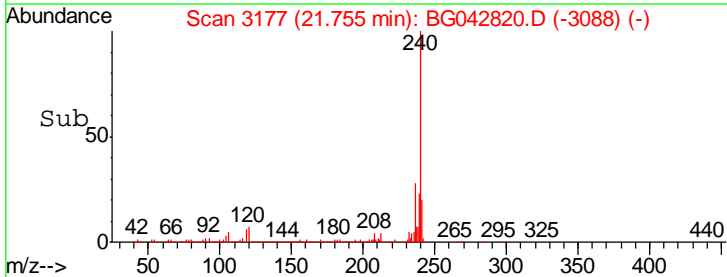
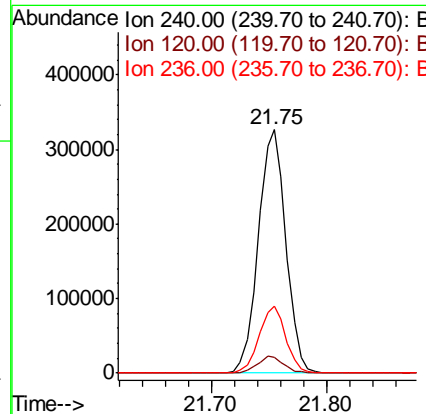
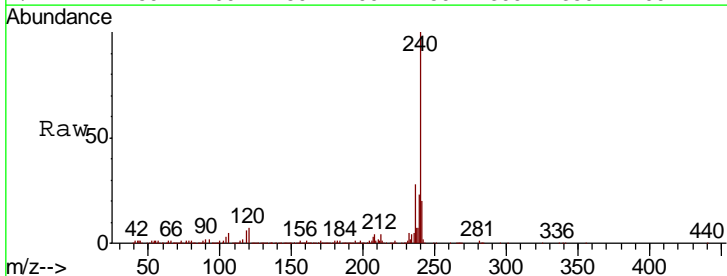
Instrument :
 BNA_G
 ClientSampled :

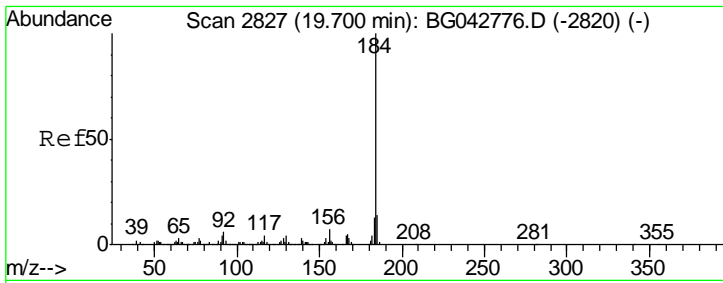
Tgt Ion	Resp	Lower	Upper
248	100		
250	198.7	78.0	117.0#
141	440.9	51.8	77.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
240	100		
120	6.7	5.4	8.2
236	27.7	21.7	32.5

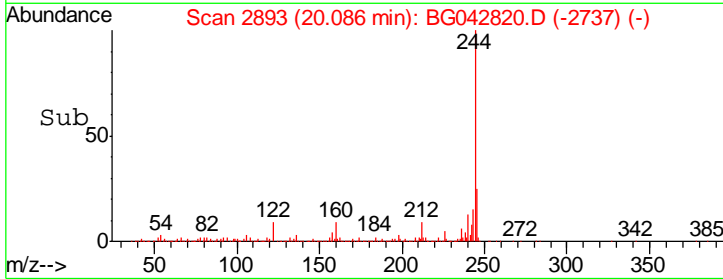
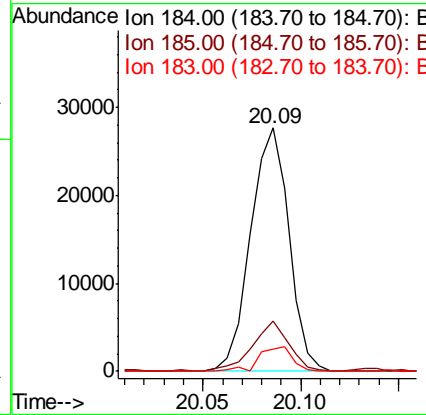
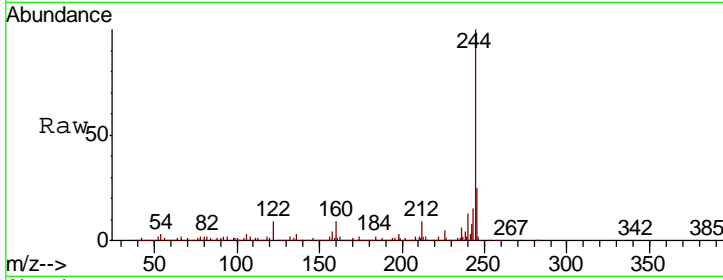




#77
 Benzidine
 Concen: 2.478 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. 0.39 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

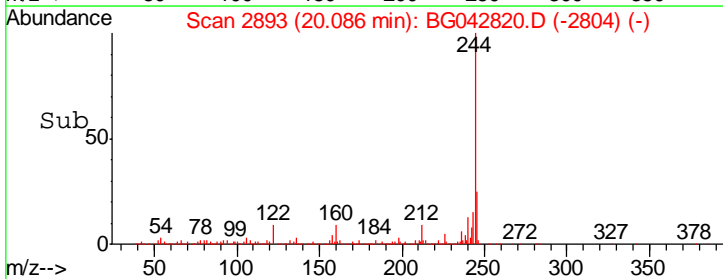
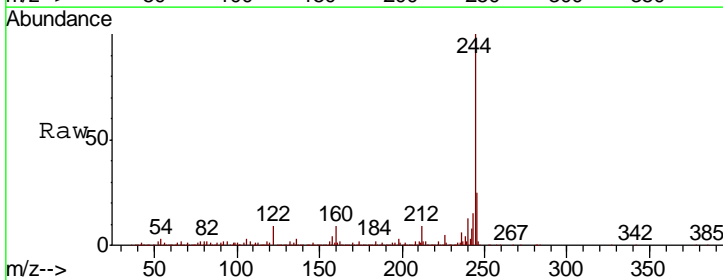
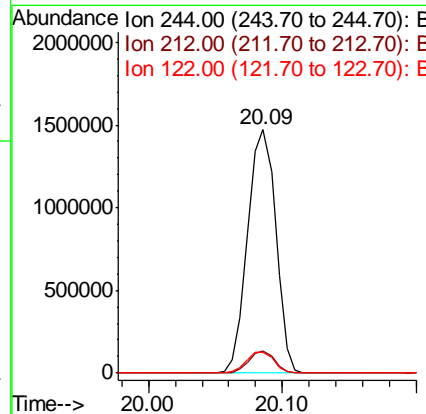
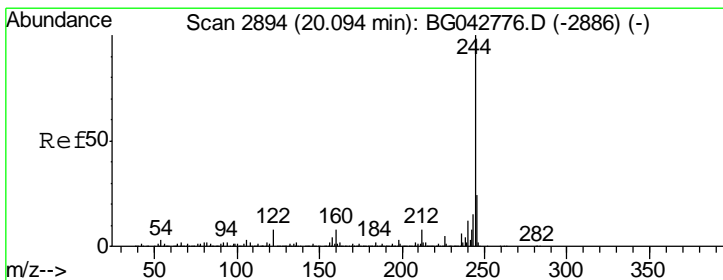
Instrument :
 BNA_G
 ClientSampled :

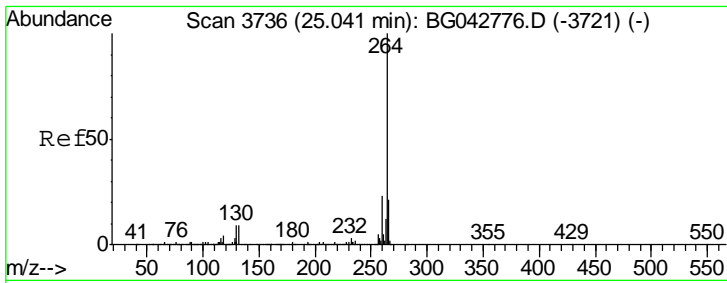
Tgt Ion	Resp	Lower	Upper
184	100		
185	20.5	11.6	17.4#
183	9.0	10.4	15.6#



#79
 Terphenyl-d14
 Concen: 87.770 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Tgt Ion	Resp	Lower	Upper
244	100		
212	9.1	6.6	10.0
122	8.8	6.2	9.4





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. -0.01 min
 Lab File: BG042820.D
 Acq: 13 Sep 2019 17:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 596031

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.1	16.9	25.3

