

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032496.D
 Acq On : 1 Feb 2018 19:07
 Operator : SJ/JU
 Sample : J1413-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 02:49:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

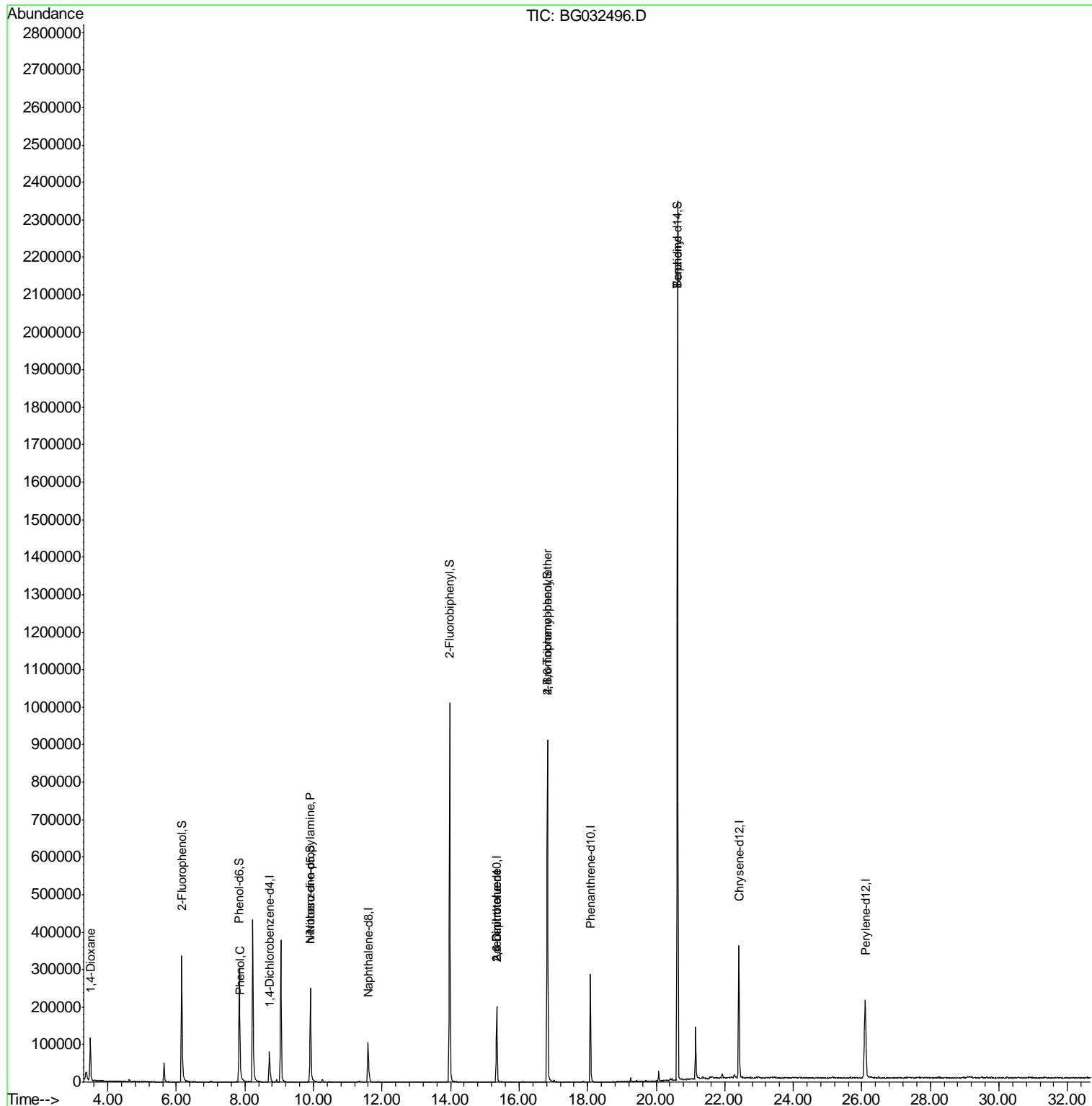
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	29429	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	113994	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	81690	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	210990	20.00	ng	0.00
75) Chrysene-d12	22.41	240	275023	20.00	ng	0.00
86) Perylene-d12	26.09	264	298595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	194343	132.64	ng	0.00
7) Phenol-d6	7.84	99	213547	109.22	ng	0.00
23) Nitrobenzene-d5	9.91	82	169126	92.67	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220476	141.79	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	621550	90.43	ng	0.00
78) Terphenyl-d14	20.62	244	1245841	97.04	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.50	88	1054	2.138	ng	# 1
10) Phenol	7.86	94	3802	2.048	ng	# 27
19) n-Nitroso-di-n-propylamine	9.91	70	25574	19.728	ng	# 75
50) 2,6-Dinitrotoluene	15.35	165	10251	6.484	ng	# 20
56) 2,4-Dinitrotoluene	15.35	165	10251	4.554	ng	# 18
66) 4-Bromophenyl-phenylether	16.83	248	17088	5.467	ng	# 1
76) Benzidine	20.62	184	17999	3.333	ng	96

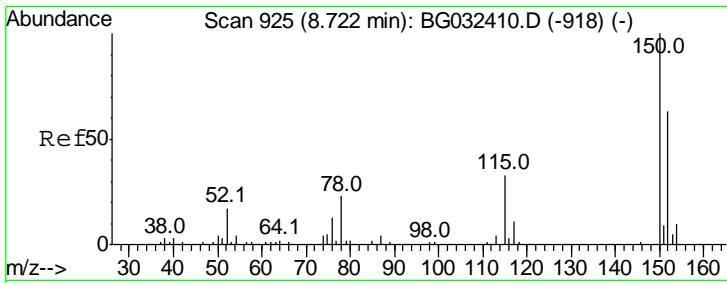
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

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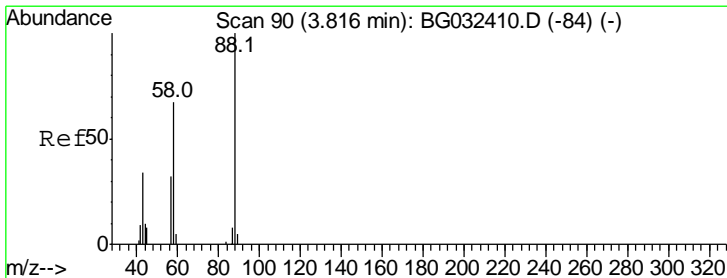
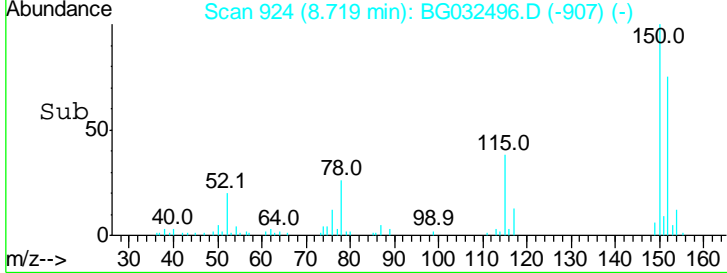
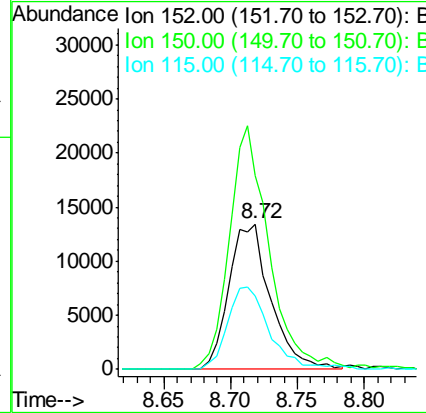
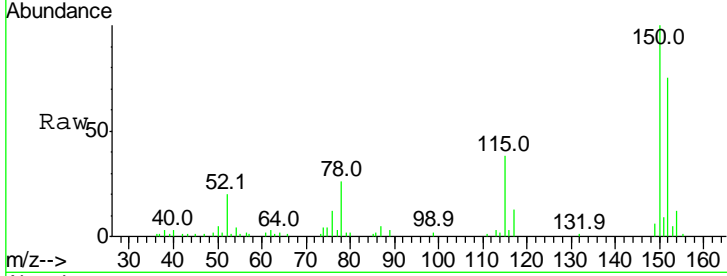




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.72 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

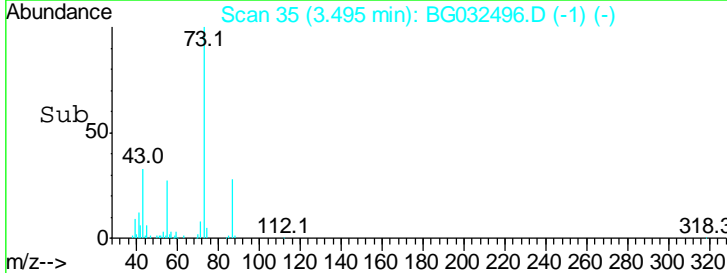
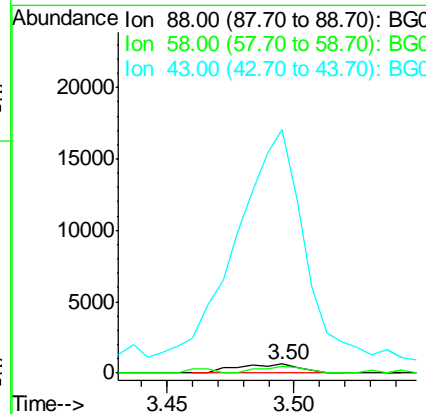
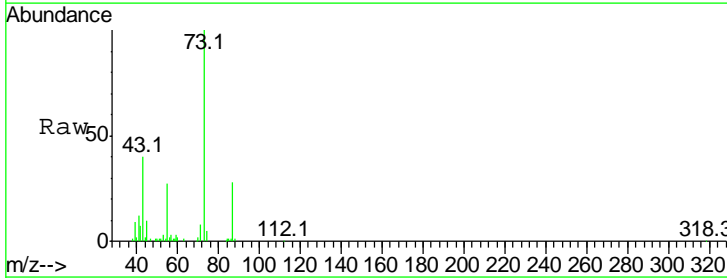
Instrument :
 BNA_G
 ClientSampled :

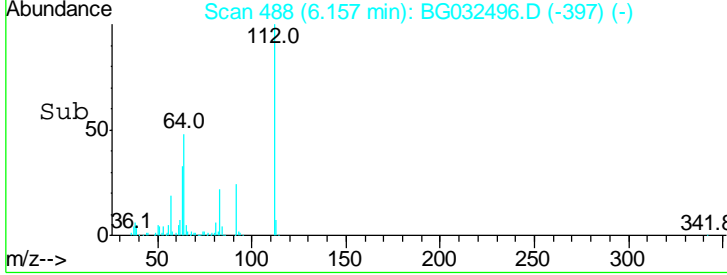
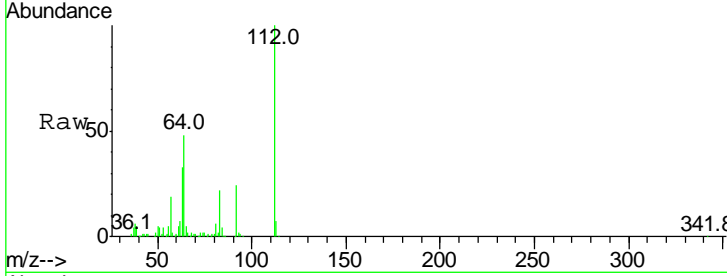
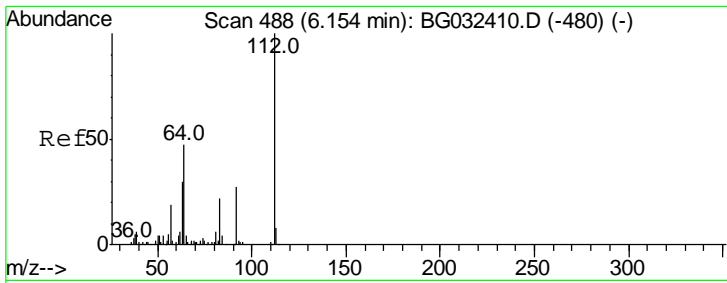
Tgt Ion	Resp	Lower	Upper
152	29429		
152	100		
150	133.4	126.6	189.8
115	50.5	53.0	79.4#



#2
 1,4-Dioxane
 Concen: 2.138 ng
 RT: 3.50 min Scan# 35
 Delta R.T. -0.32 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
88	1054		
88	100		
58	57.2	79.6	119.4#
43	2876.7	27.4	41.0#

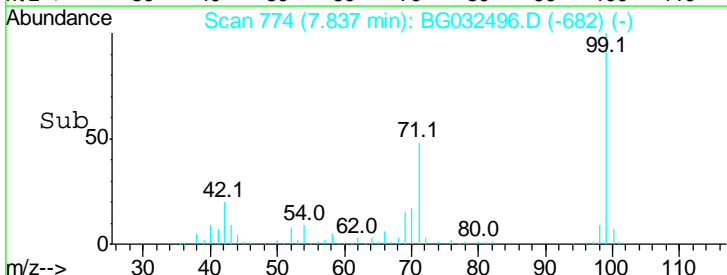
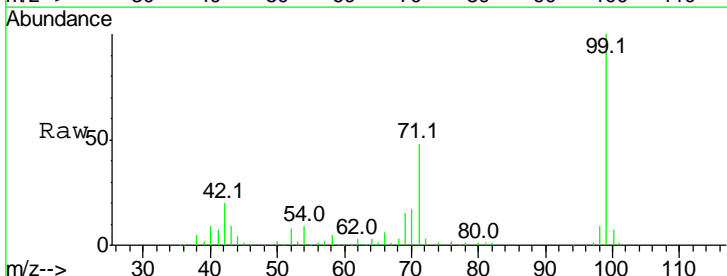
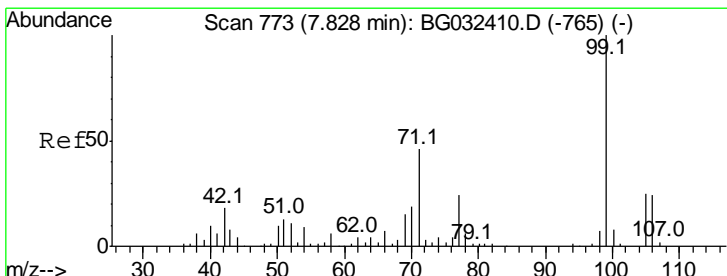
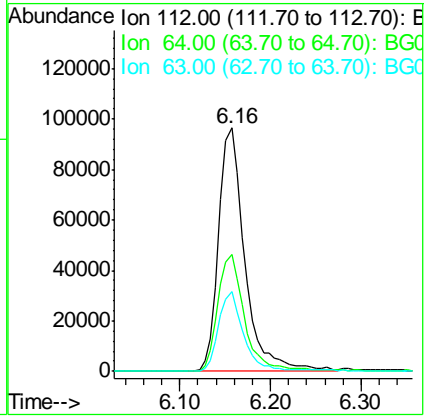




#5
 2-Fluorophenol
 Concen: 132.641 ng
 RT: 6.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

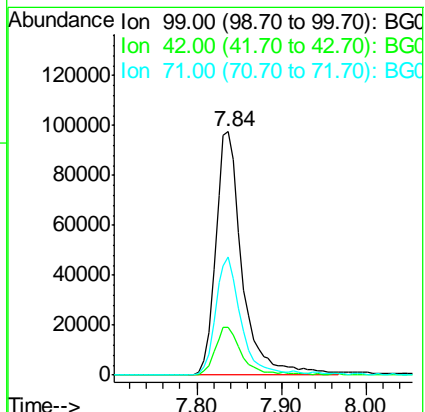
Instrument :
 BNA_G
 ClientSampled :

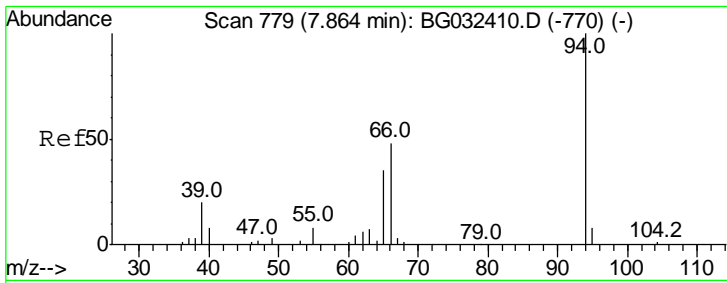
Tgt Ion	Resp	Lower	Upper
112	100		
64	48.3	56.3	84.5#
63	33.0	30.1	45.1



#7
 Phenol-d6
 Concen: 109.222 ng
 RT: 7.84 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	48.4	26.1	39.1#

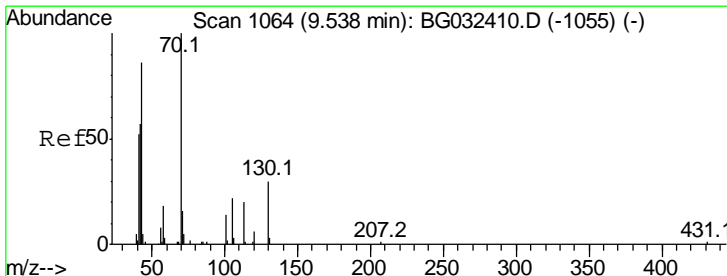
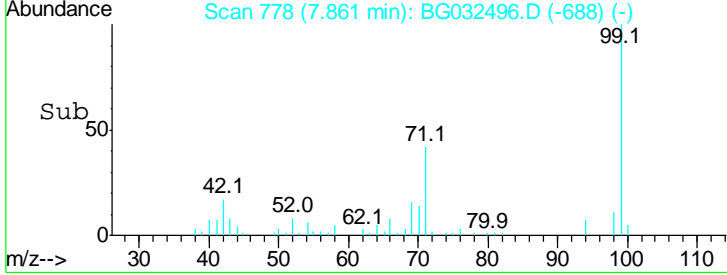
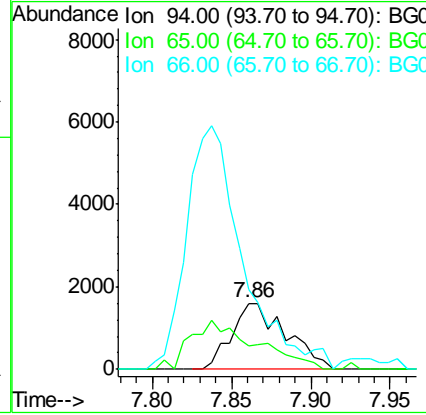
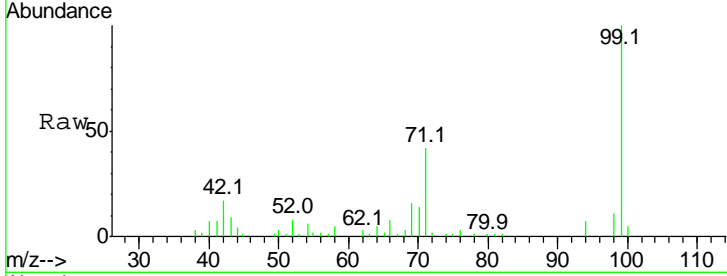




#10
 Phenol
 Concen: 2.048 ng
 RT: 7.86 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

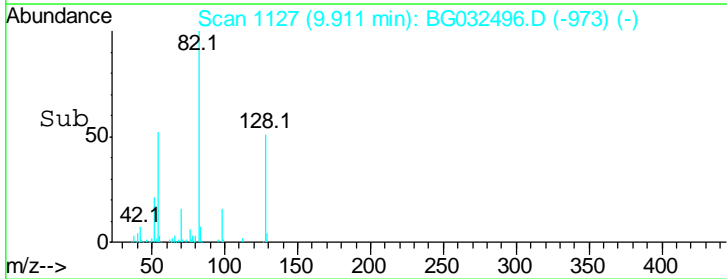
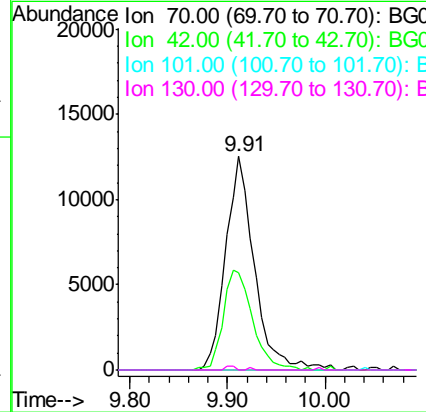
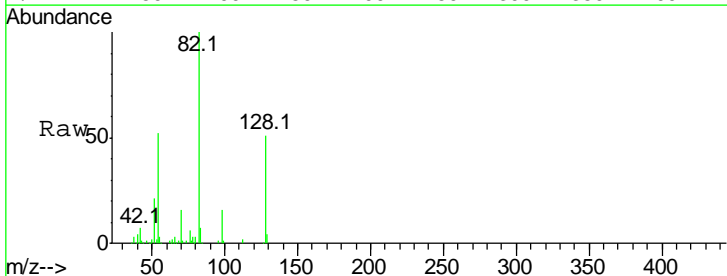
Instrument :
 BNA_G
 ClientSampled :

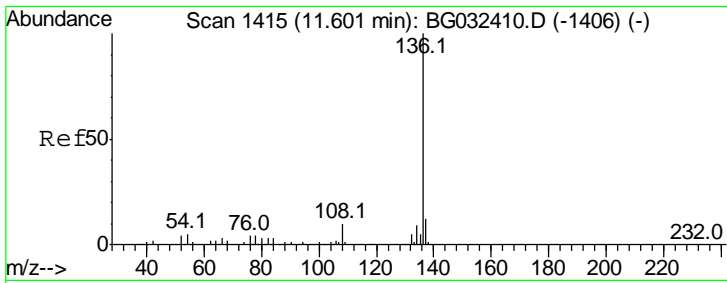
Tgt Ion	Resp	Lower	Upper
94	100		
65	35.8	11.9	51.9
66	119.9	22.2	62.2#



#19
 n-Nitroso-di-n-propylamine
 Concen: 19.728 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. 0.37 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
70	100		
42	45.7	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

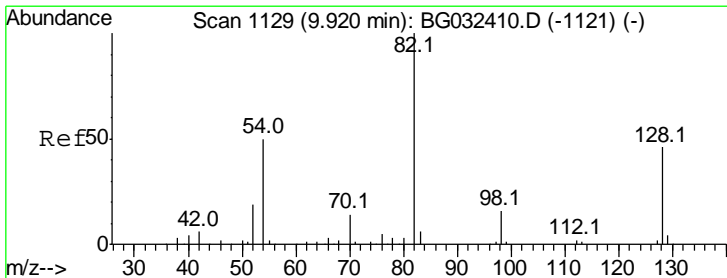
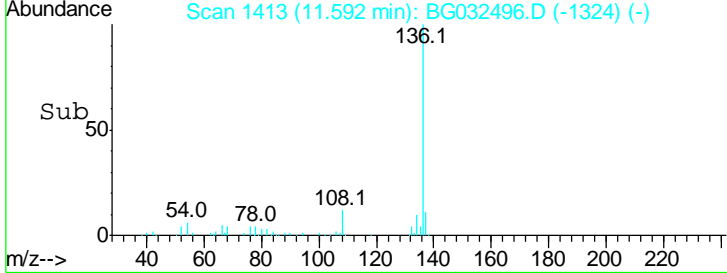
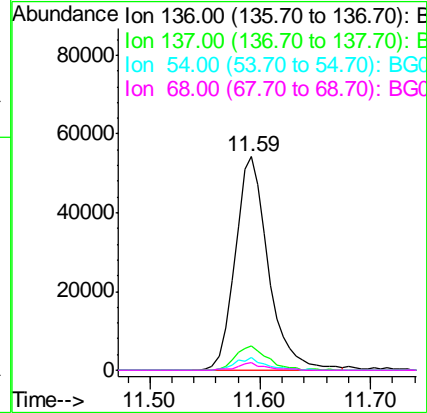
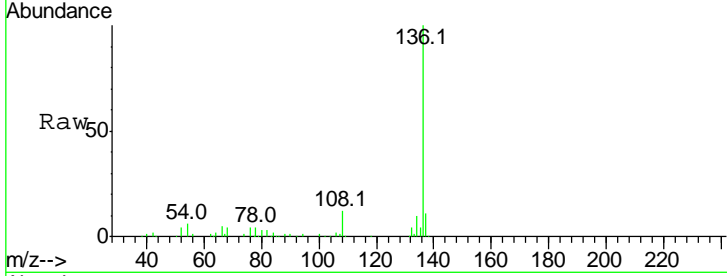




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

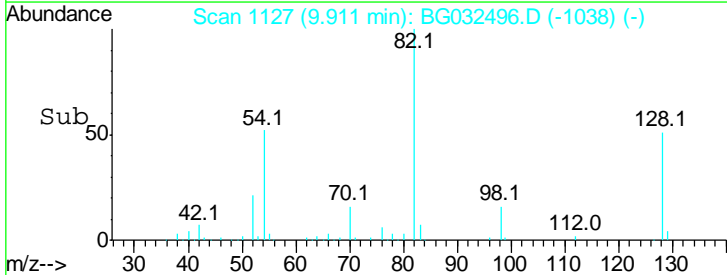
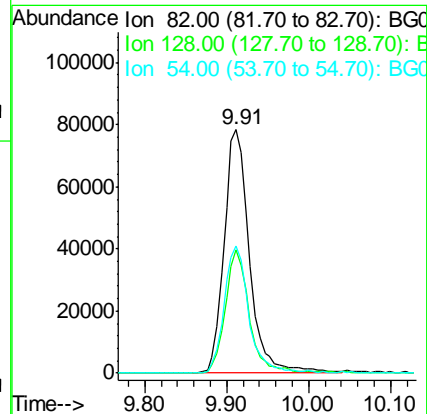
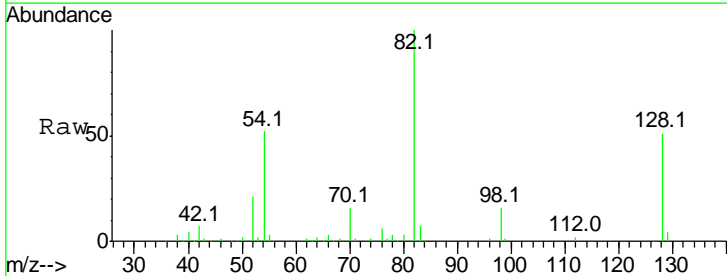
Instrument :
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 ClientSampled :

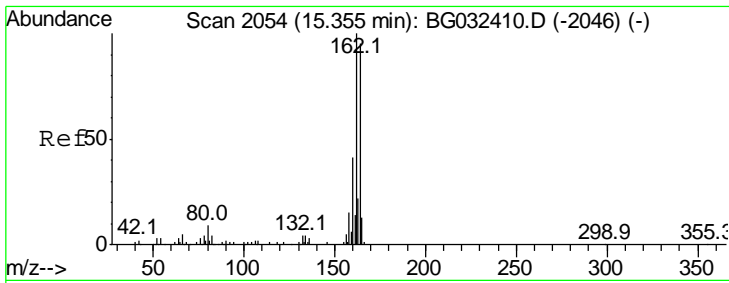
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.7	10.3	15.5#
68	3.6	4.5	6.7#



#23
 Nitrobenzene-d5
 Concen: 92.669 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
82	100		
128	50.8	29.7	44.5#
54	52.4	43.1	64.7

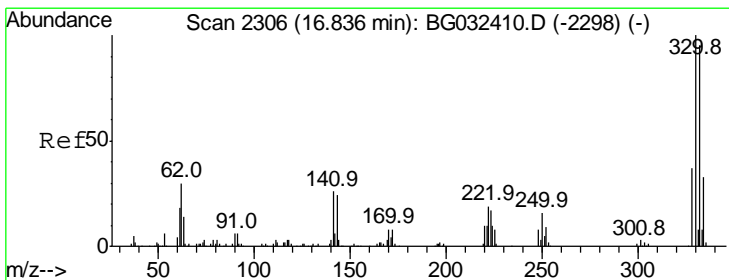
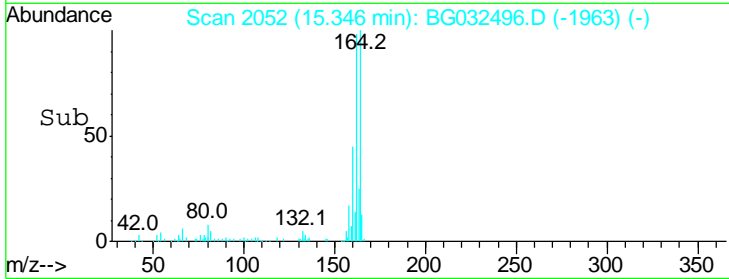
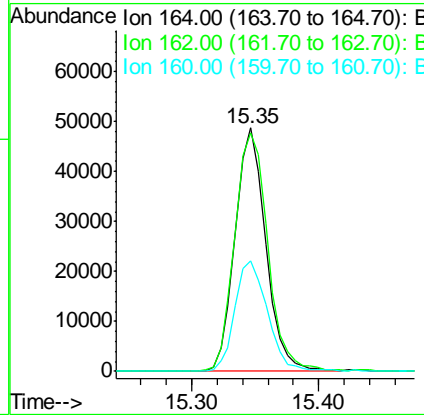
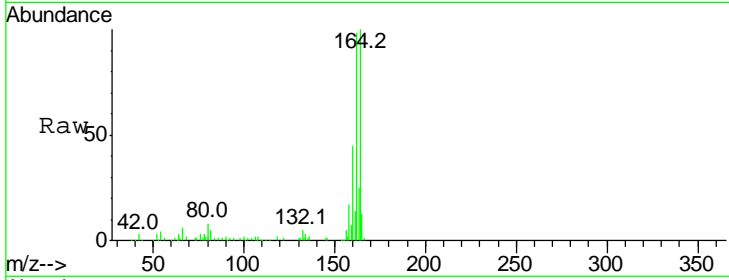




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

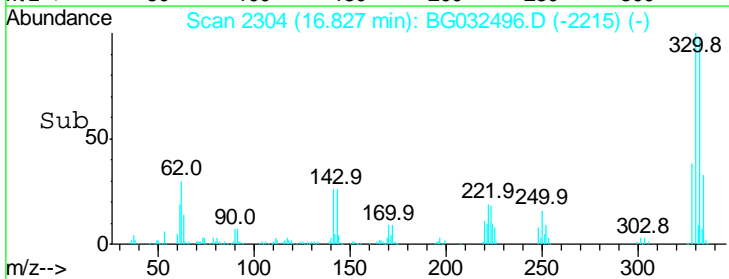
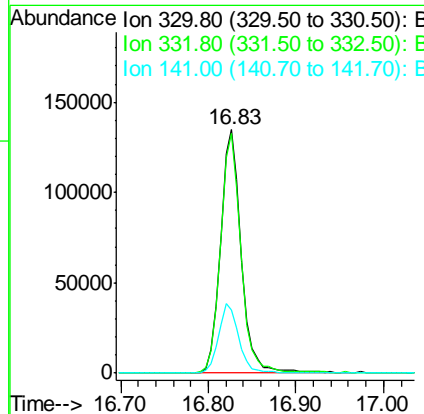
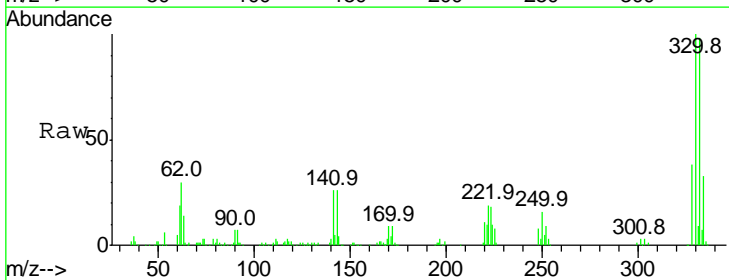
Instrument :
 BNA_G
 ClientSampled :

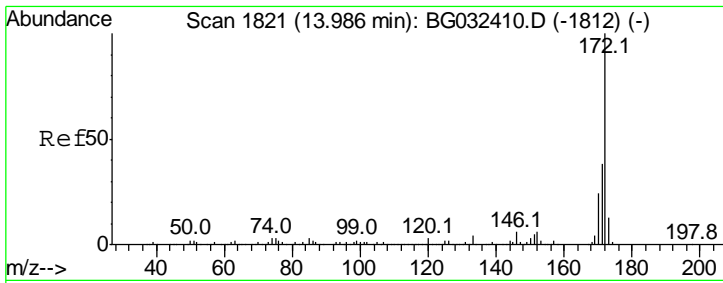
Tgt Ion	Resp	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	45.4	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 141.788 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	28.1	25.2	37.8

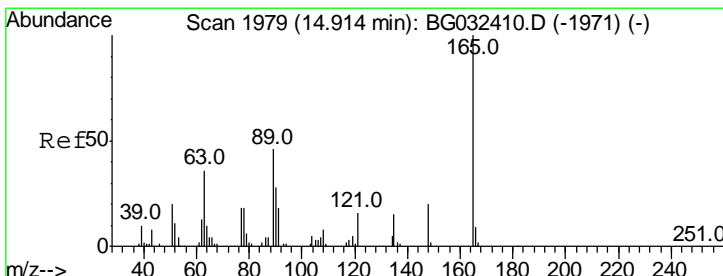
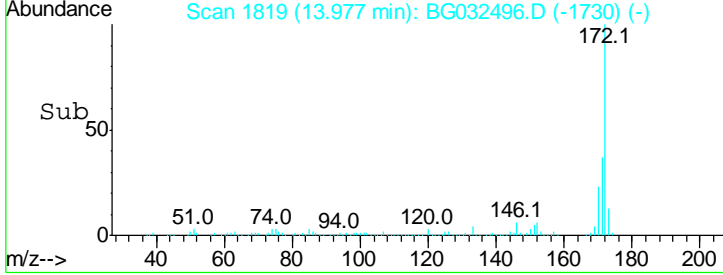
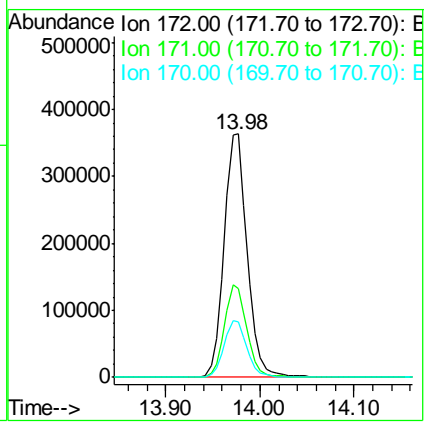
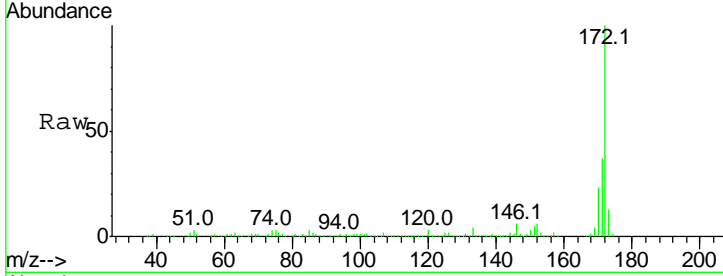




#44
 2-Fluorobiphenyl
 Concen: 90.434 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

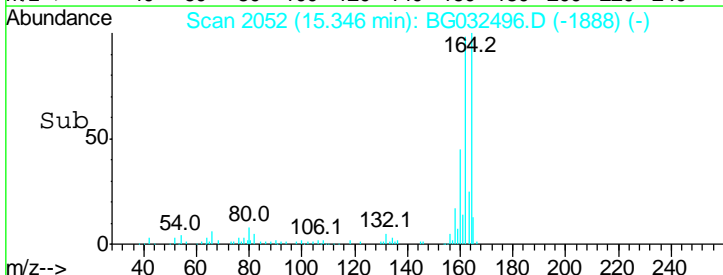
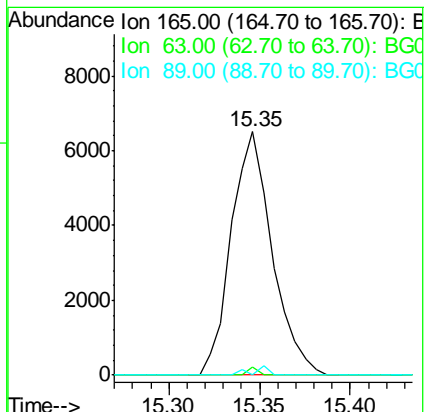
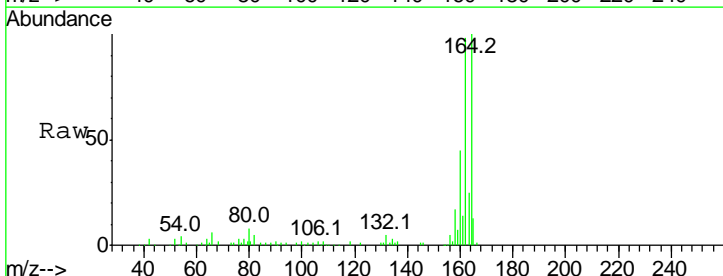
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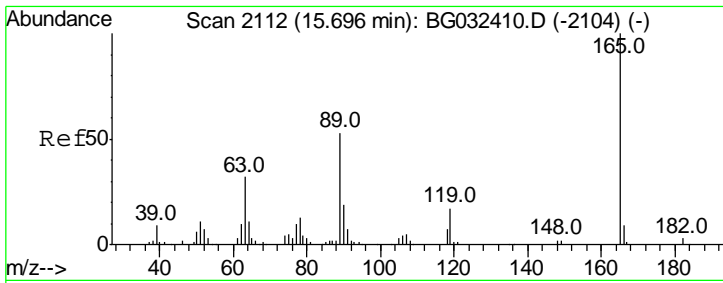
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	22.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.484 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. 0.43 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
165	100		
63	3.2	52.7	79.1#
89	0.0	49.2	73.8#

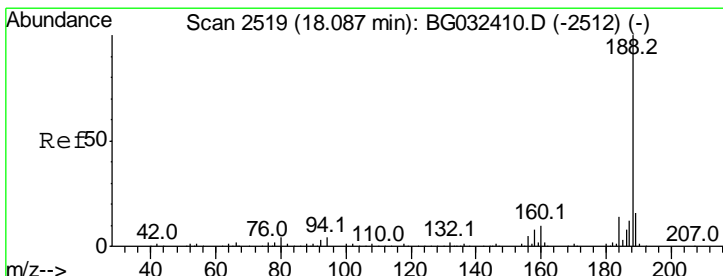
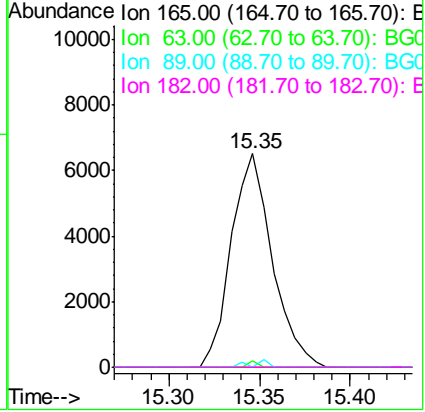
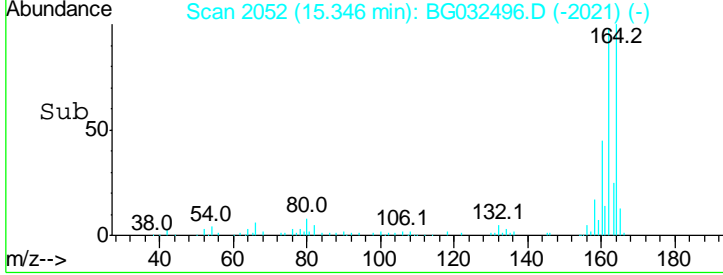
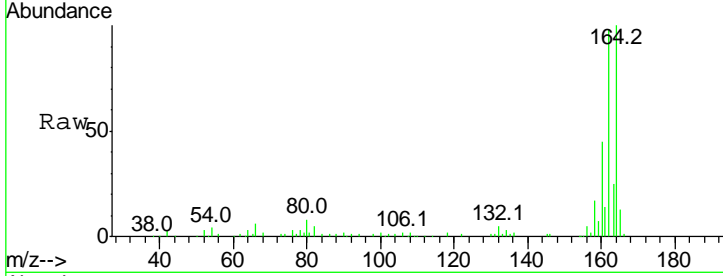




#56
 2,4-Dinitrotoluene
 Concen: 4.554 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.35 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

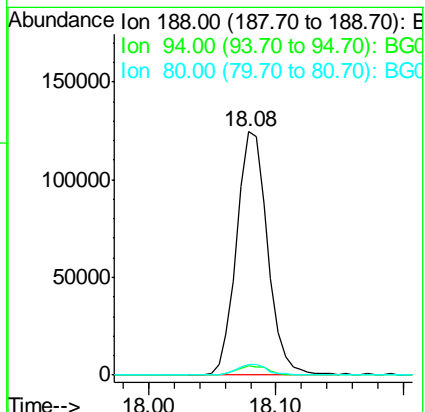
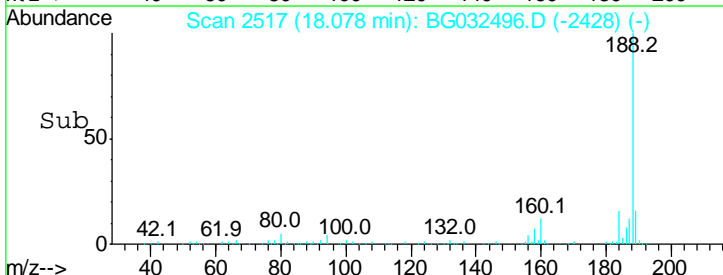
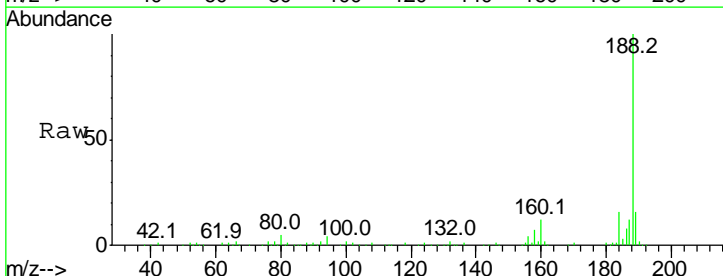
Instrument :
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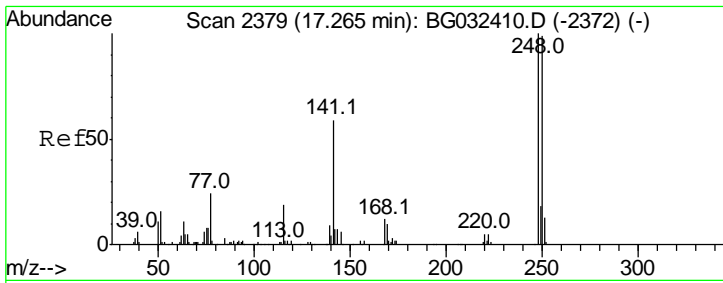
Tgt Ion	Resp	Lower	Upper
165	10251		
63	3.2	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
188	210990		
94	3.9	6.9	10.3#
80	4.6	7.7	11.5#

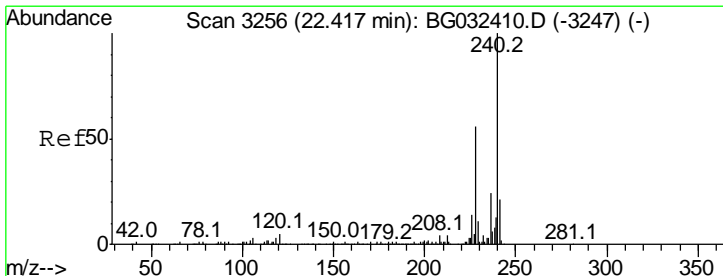
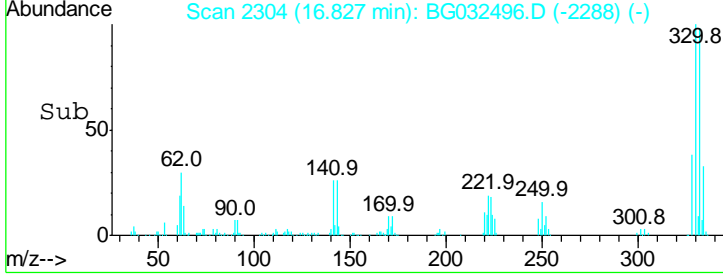
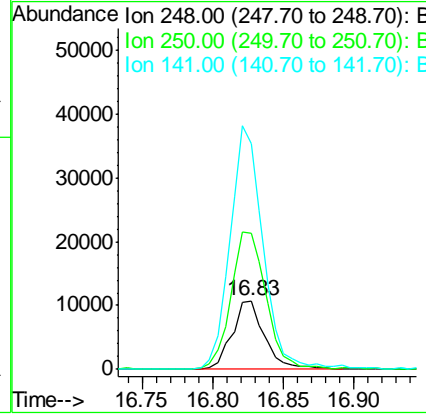
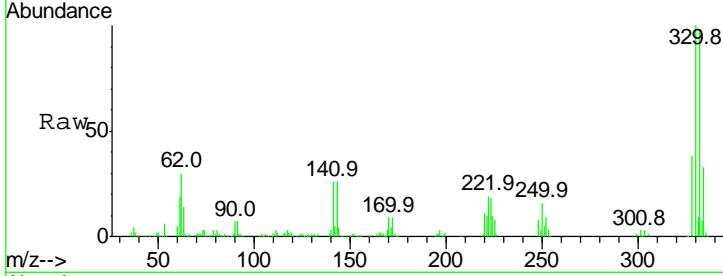




#66
 4-Bromophenyl-phenylether
 Concen: 5.467 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

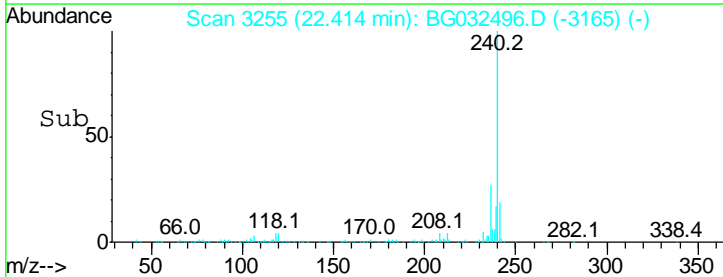
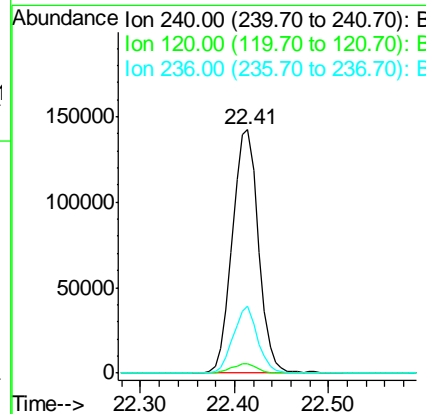
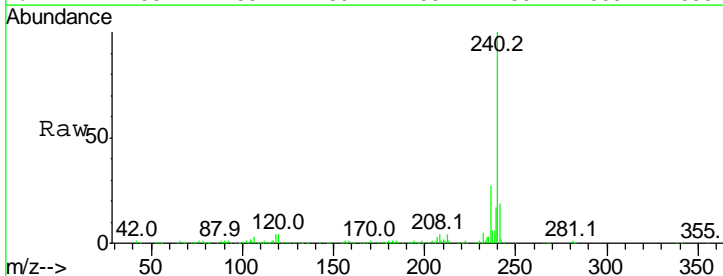
Instrument :
 BNA_G
 ClientSampled :

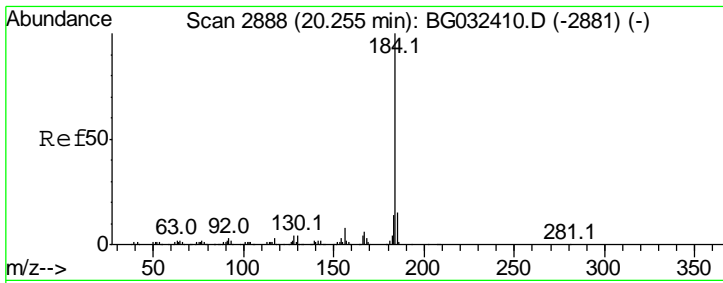
Tgt Ion	Resp	Lower	Upper
248	17088		
250	197.4	77.1	115.7#
141	327.7	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
240	275023		
236	27.3	20.9	31.3
120	3.9	6.8	10.2#

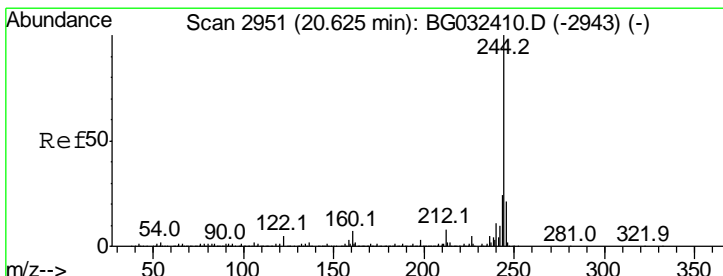
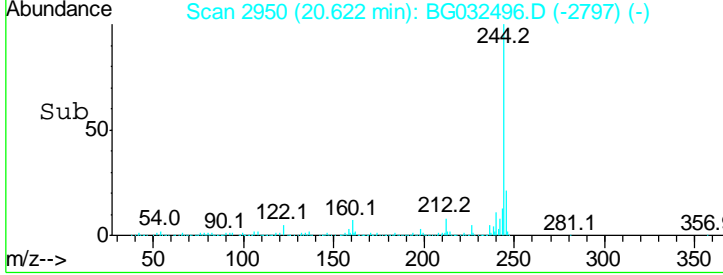
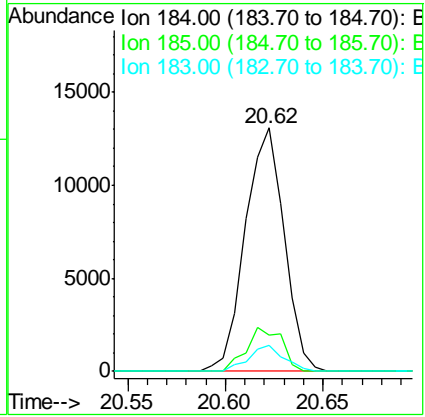
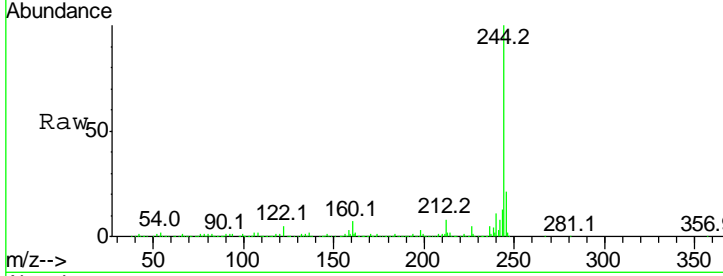




#76
Benzidine
Concen: 3.333 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.37 min
Lab File: BG032496.D
Acq: 1 Feb 2018 19:07

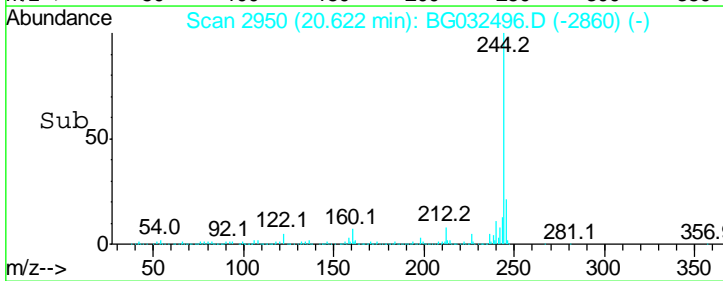
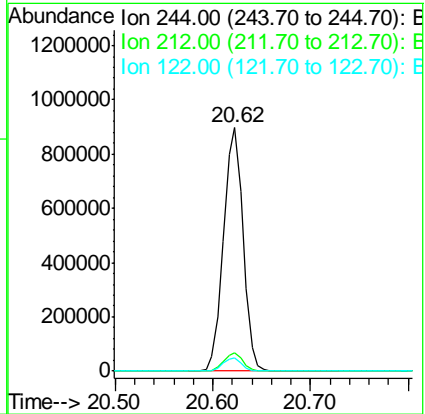
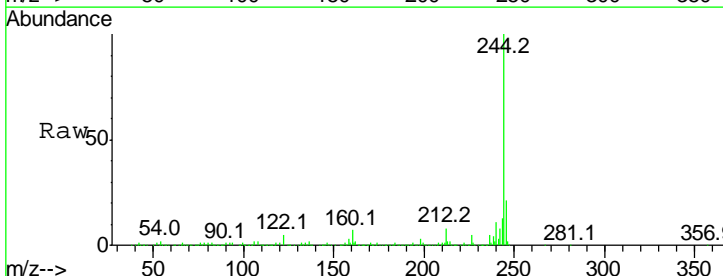
Instrument : BNA_G
ClientSampled :

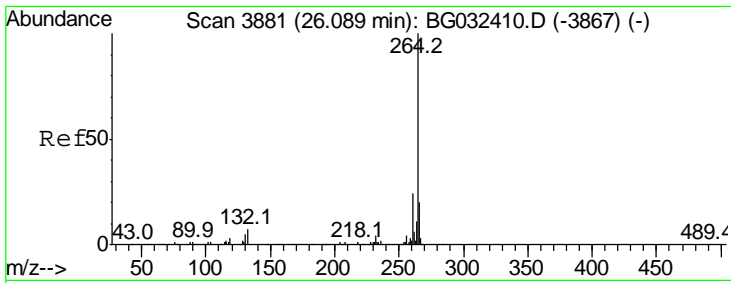
Tgt Ion	Resp	Lower	Upper
184	17999		
185	14.8	11.1	16.7
183	10.9	10.6	16.0



#78
Terphenyl-d14
Concen: 97.035 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032496.D
Acq: 1 Feb 2018 19:07

Tgt Ion	Resp	Lower	Upper
244	1245841		
212	7.8	5.8	8.8
122	5.2	7.0	10.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. 0.00 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 298595

Ion	Ratio	Lower	Upper
264	100		
260	19.9	17.4	26.0
265	21.6	17.7	26.5

