

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042629.D
 Acq On : 31 Aug 2019 11:22
 Operator : HP/JU
 Sample : PB122704BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 18:12:08 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

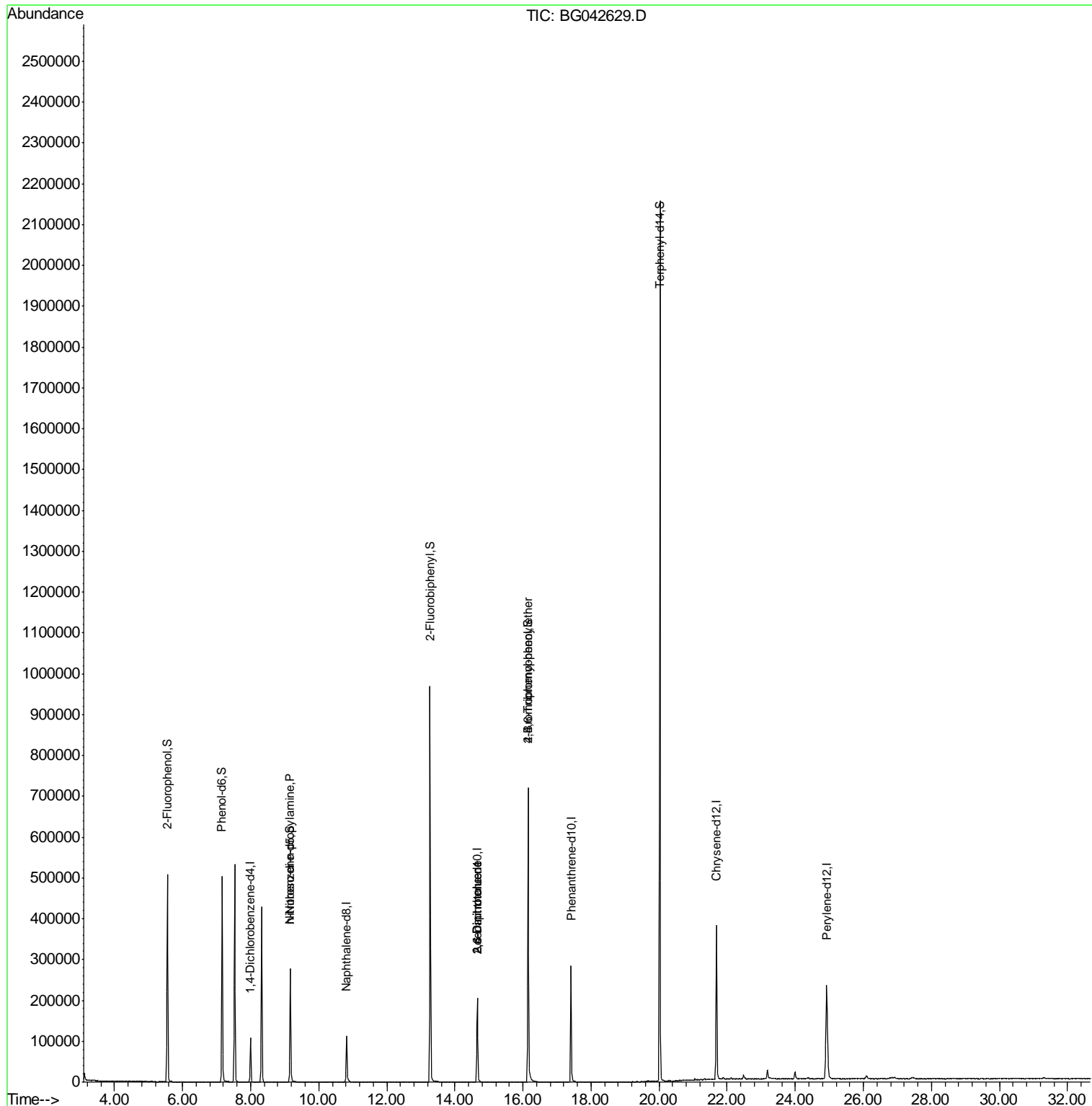
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34892	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	128903	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	93958	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	221878	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	263759	20.00	ng	-0.01
87) Perylene-d12	24.92	264	306111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	250839	145.60	ng	-0.01
7) Phenol-d6	7.16	99	323595	139.05	ng	-0.01
23) Nitrobenzene-d5	9.16	82	184586	98.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	198360	148.53	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	609014	109.63	ng	-0.01
79) Terphenyl-d14	20.02	244	1213061	99.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	24080	15.972	ng	# 76
51) 2,6-Dinitrotoluene	14.65	165	11770	7.490	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	11770	5.231	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13374	4.752	ng	# 1

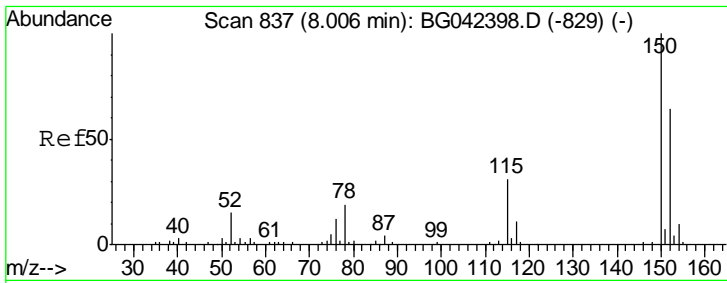
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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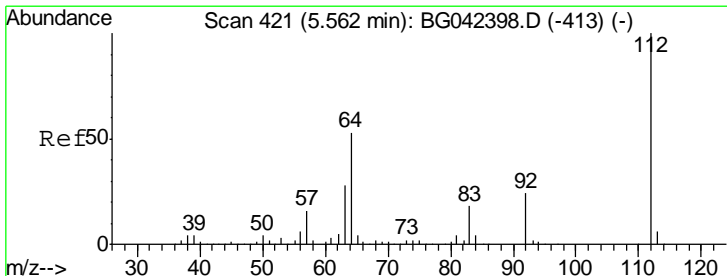
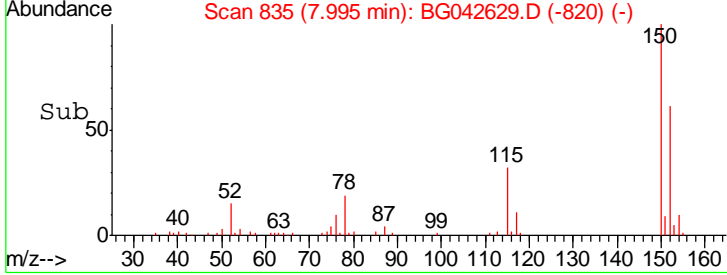
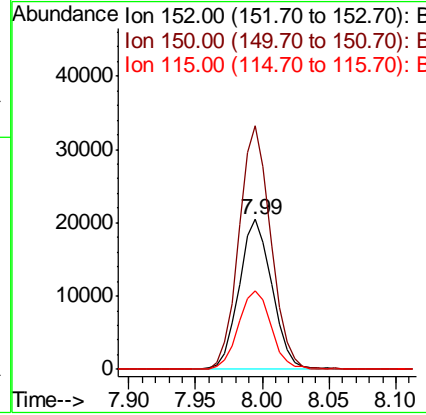
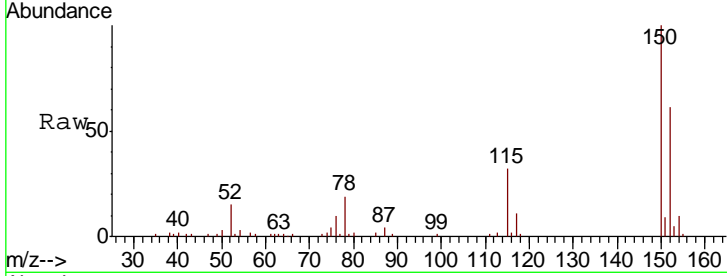




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

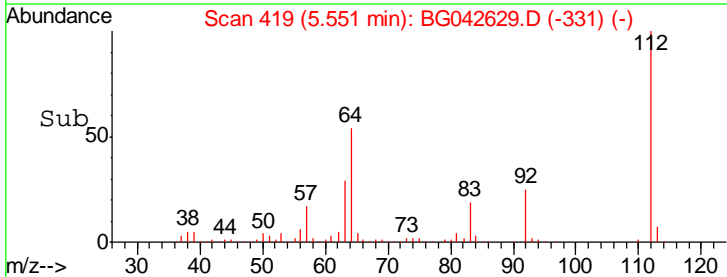
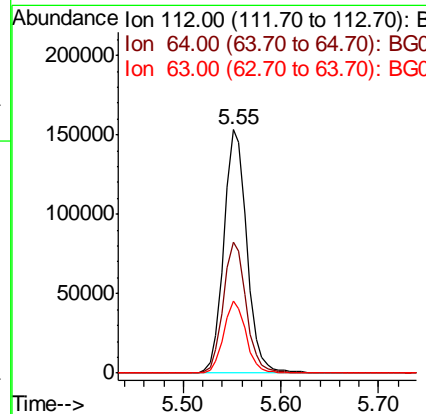
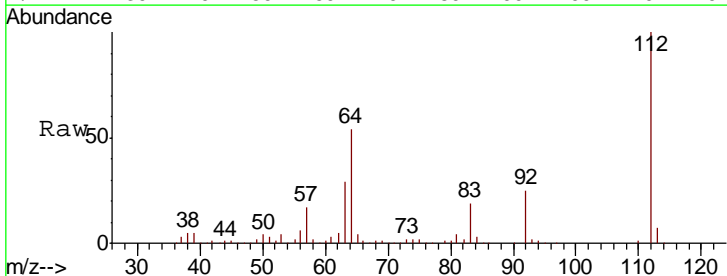
Instrument :
 BNA_G
 ClientSampled :

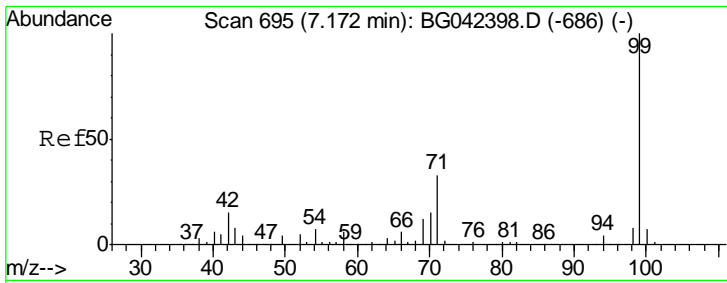
Tgt Ion	Resp	Lower	Upper
152	100		
150	162.6	125.4	188.0
115	52.6	38.5	57.7



#5
 2-Fluorophenol
 Concen: 145.598 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
112	100		
64	53.7	42.8	64.2
63	29.5	22.7	34.1

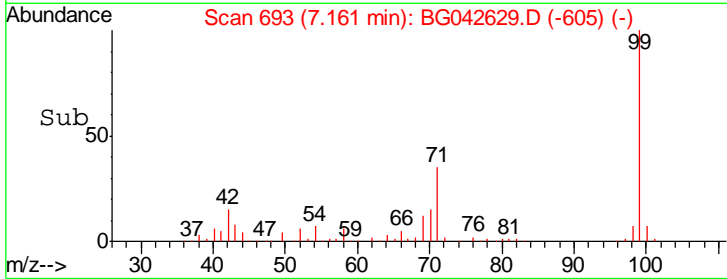
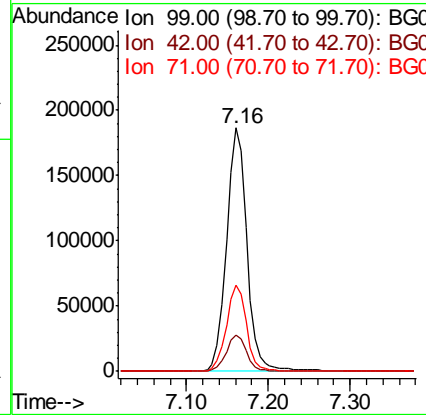
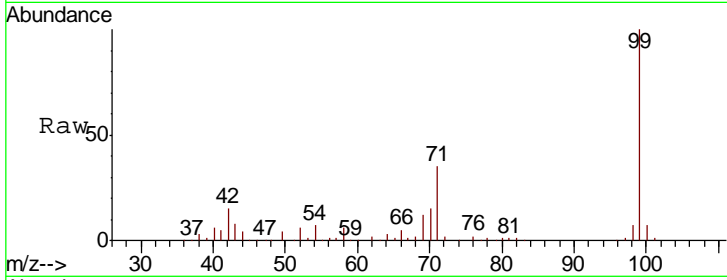




#7
 Phenol-d6
 Concen: 139.053 ng
 RT: 7.16 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

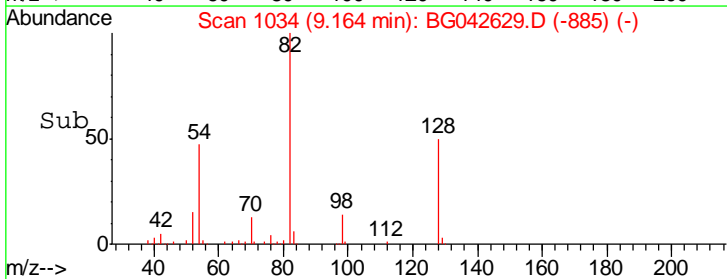
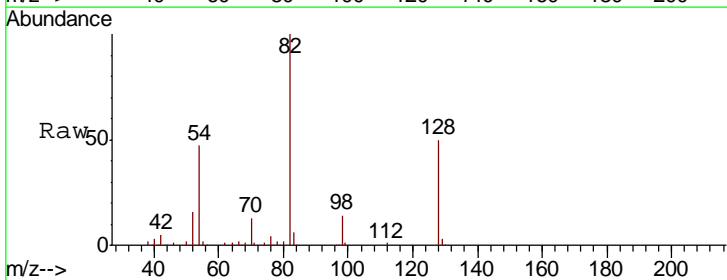
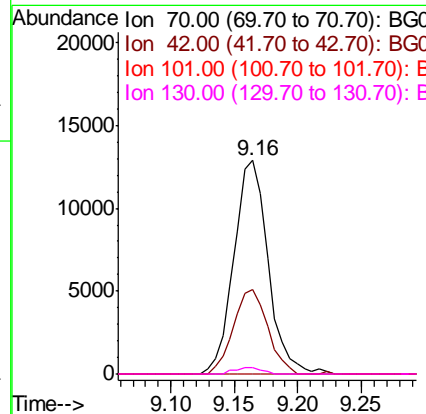
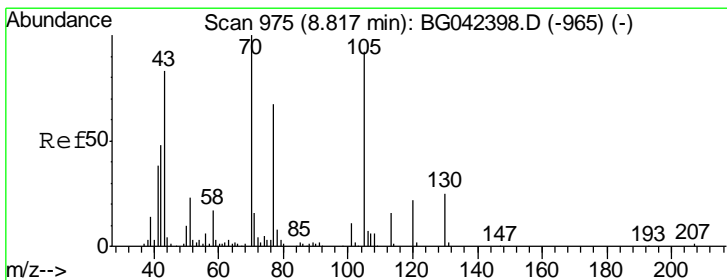
Instrument :
 BNA_G
 ClientSampled :

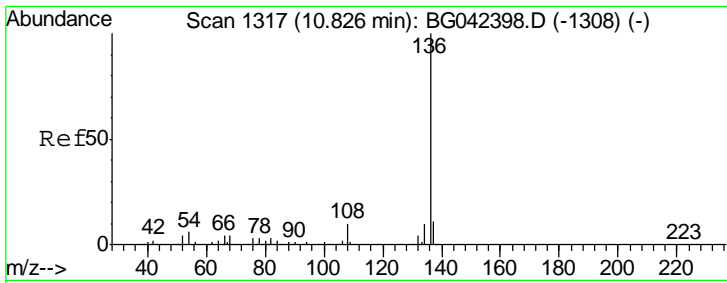
Tgt Ion	Resp	Lower	Upper
99	323595		
Ion Ratio			
99	100		
42	14.9	12.0	18.0
71	35.3	26.3	39.5



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.972 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.35 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
70	24080		
Ion Ratio			
70	100		
42	39.6	38.8	58.2
101	0.0	9.0	13.6#
130	3.2	20.0	30.0#

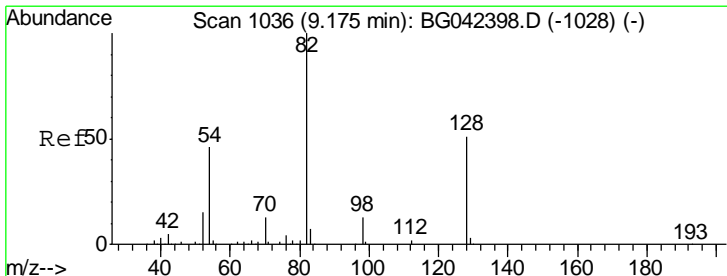
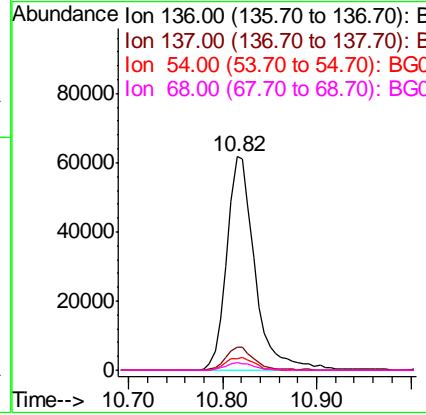
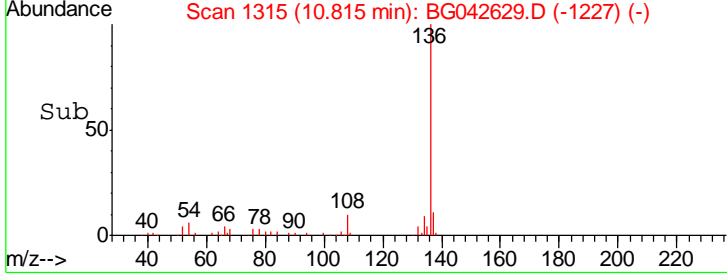
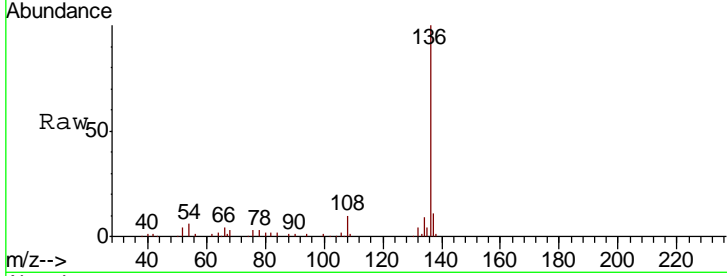




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

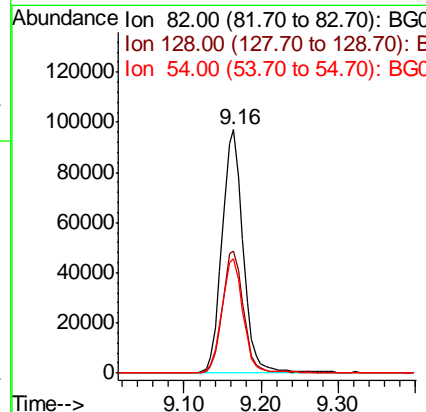
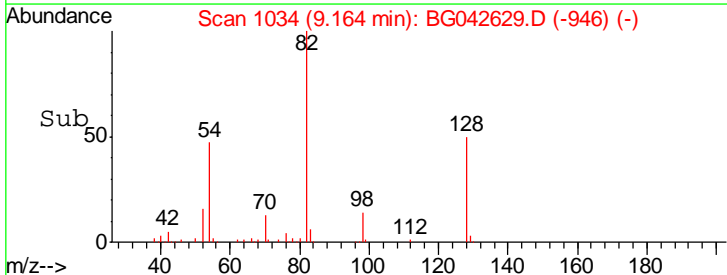
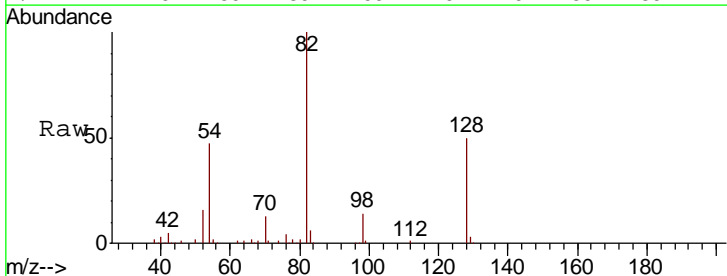
Instrument :
 BNA_G
 ClientSampled :

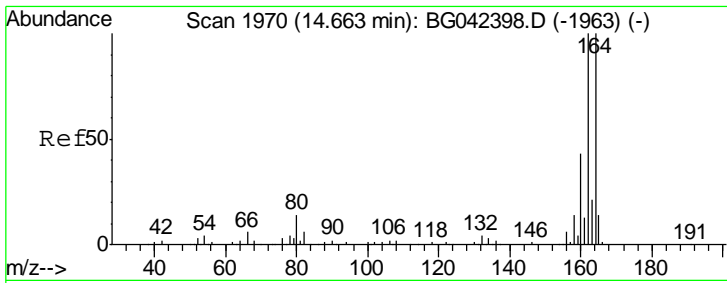
Tgt Ion	Resp	Lower	Upper
136	128903		
137	10.8	8.7	13.1
54	5.6	4.9	7.3
68	3.4	3.6	5.4#



#23
 Nitrobenzene-d5
 Concen: 98.955 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
82	184586		
128	50.3	40.7	61.1
54	46.8	36.3	54.5

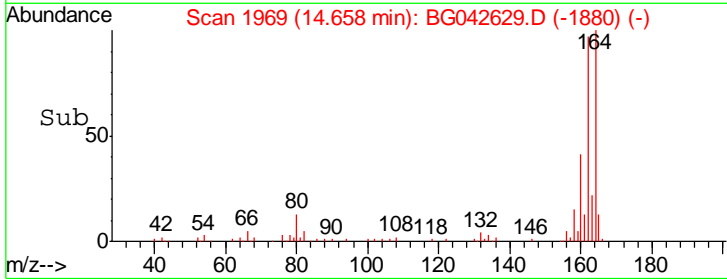
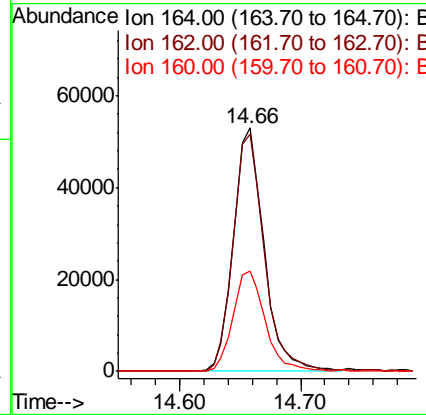
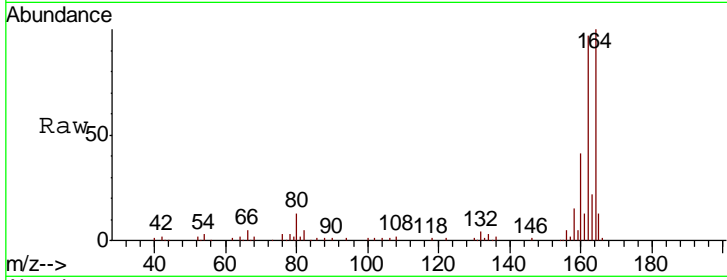




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

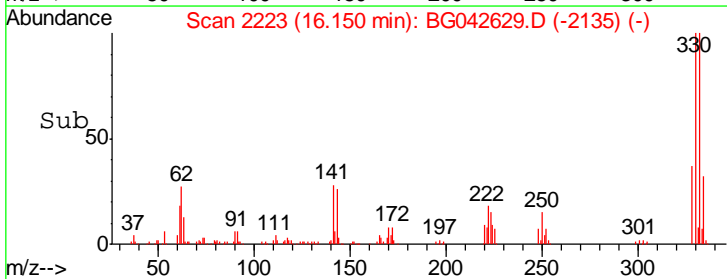
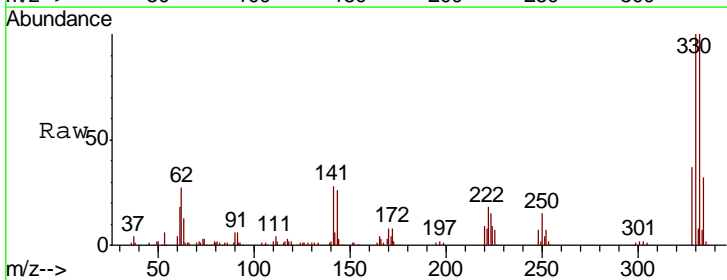
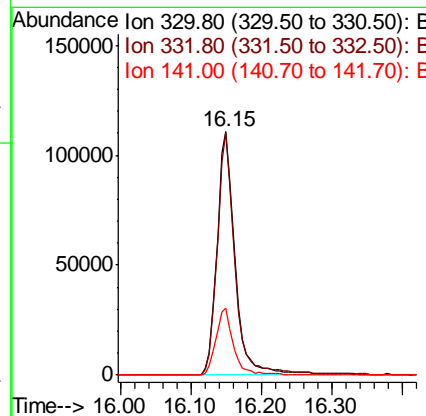
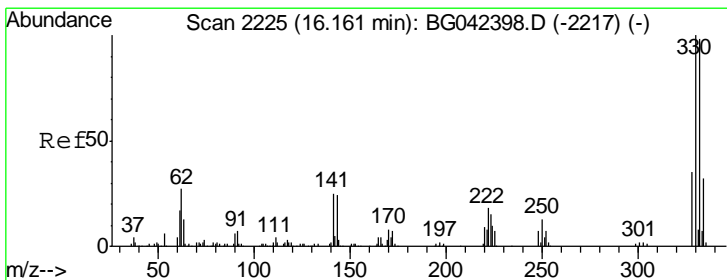
Instrument :
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 ClientSampled :

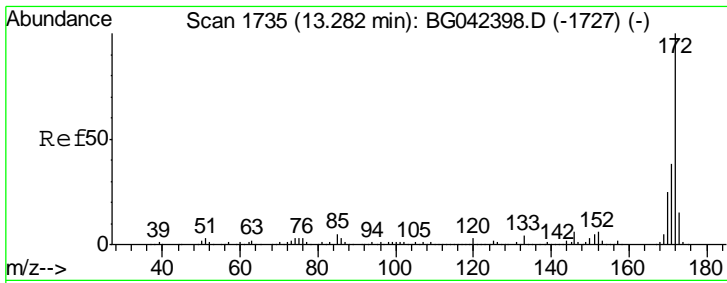
Tgt Ion	Resp	Lower	Upper
164	100		
162	97.3	79.9	119.9
160	41.2	34.3	51.5



#42
 2,4,6-Tribromophenol
 Concen: 148.533 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	26.7	21.4	32.0

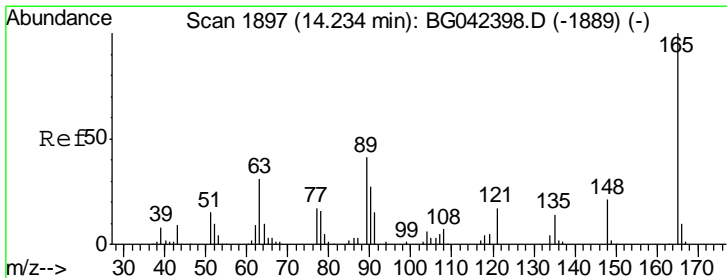
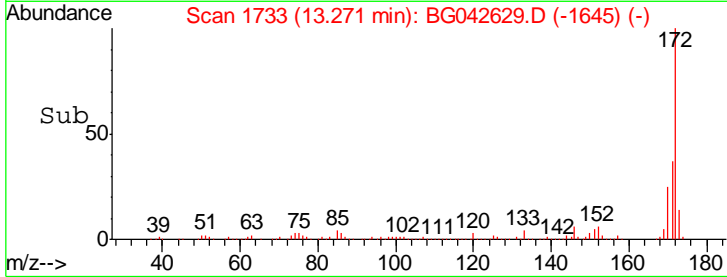
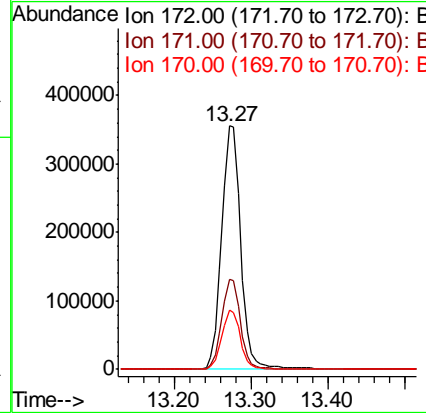
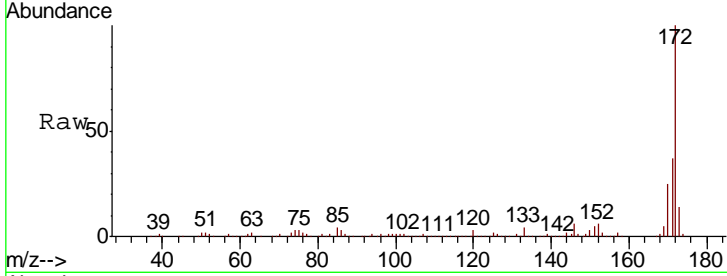




#45
 2-Fluorobiphenyl
 Concen: 109.625 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

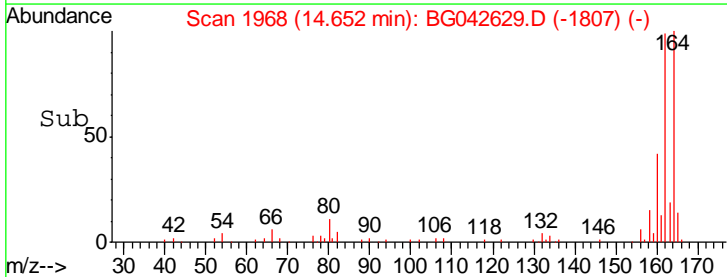
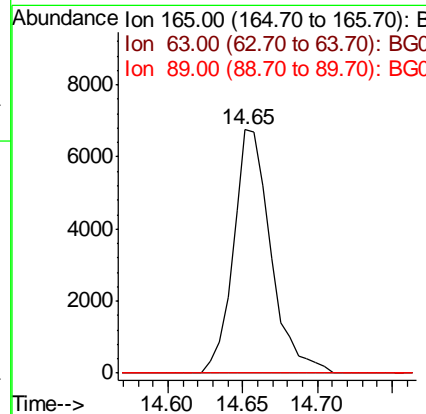
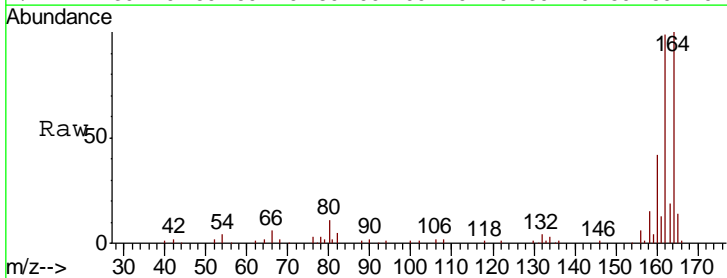
Instrument :
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 ClientSampled :

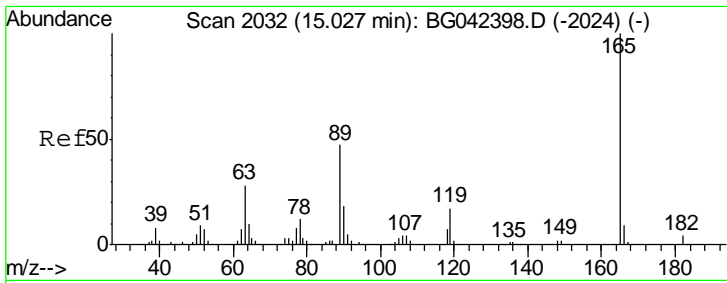
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.490 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.42 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

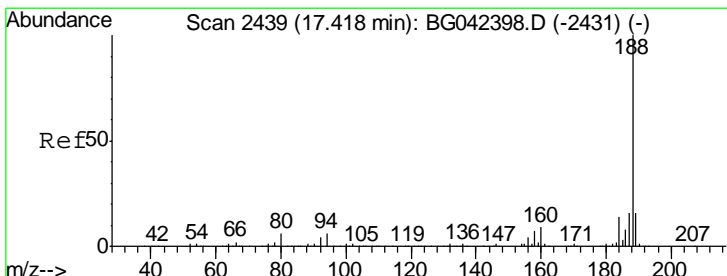
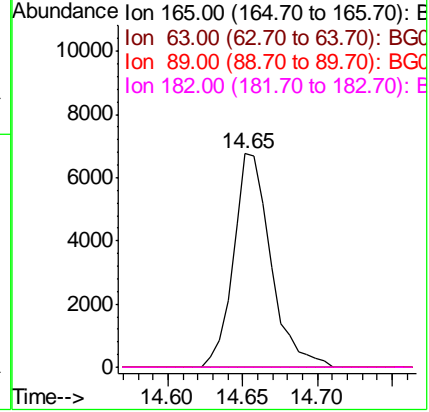
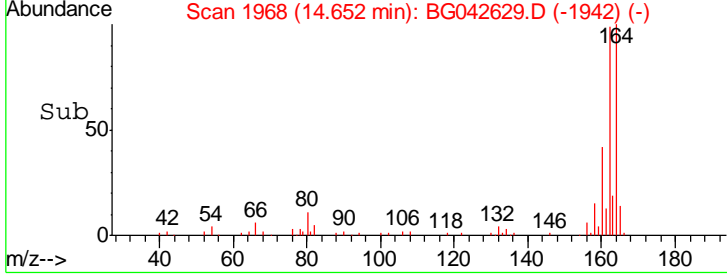
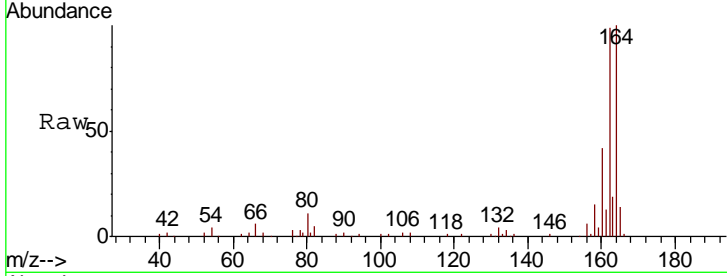




#57
 2,4-Dinitrotoluene
 Concen: 5.231 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.38 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

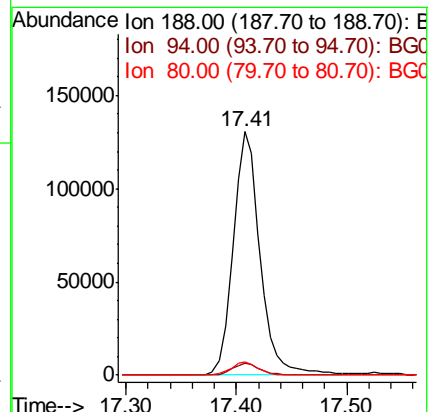
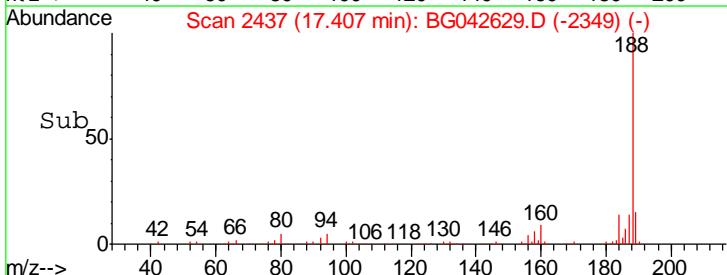
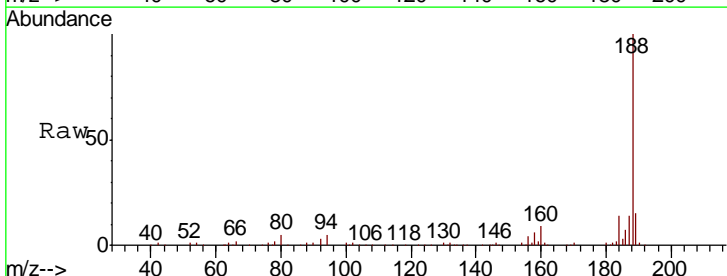
Instrument :
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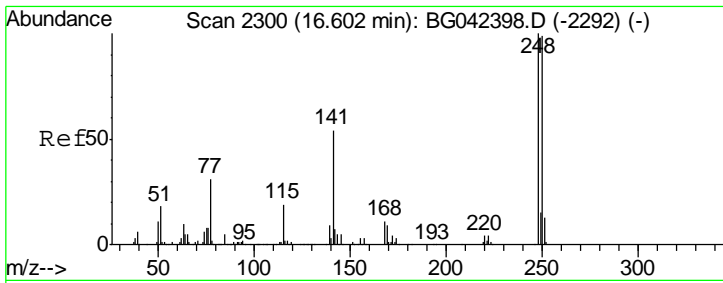
Tgt Ion	Resp	Lower	Upper
165	11770		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
188	221878		
94	5.1	4.5	6.7
80	5.2	4.9	7.3

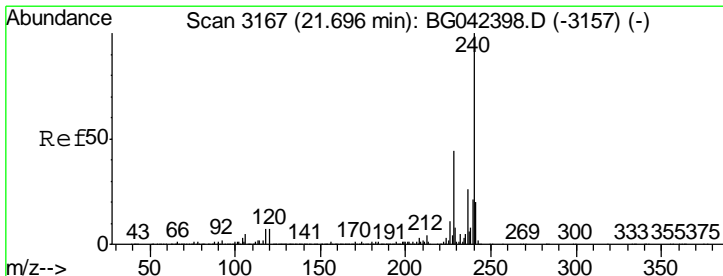
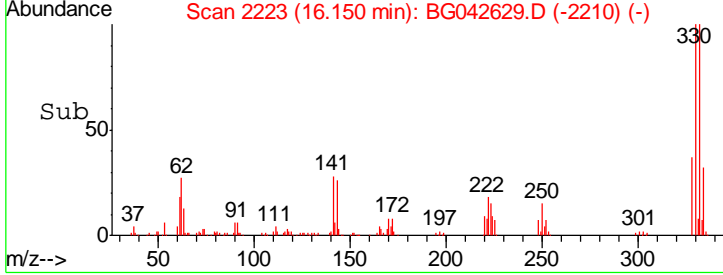
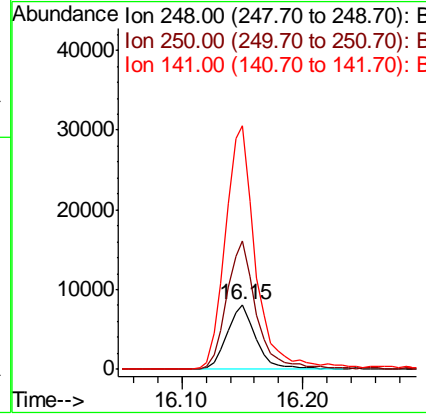
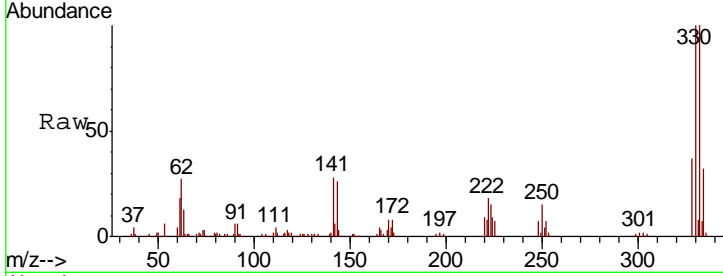




#67
 4-Bromophenyl-phenylether
 Concen: 4.752 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

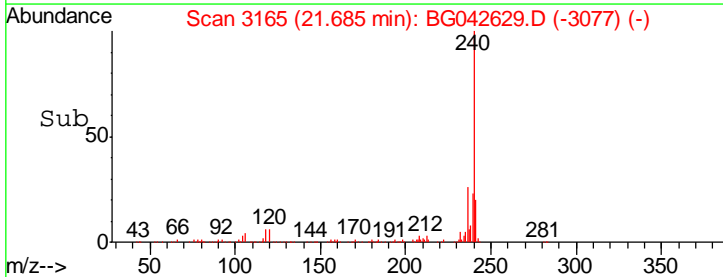
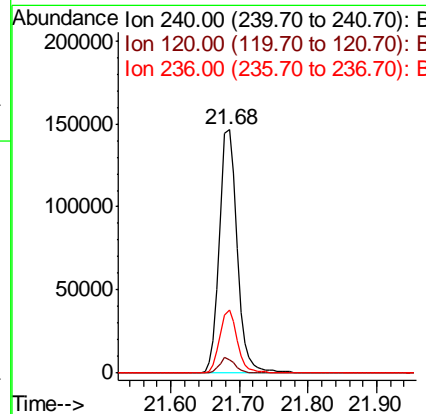
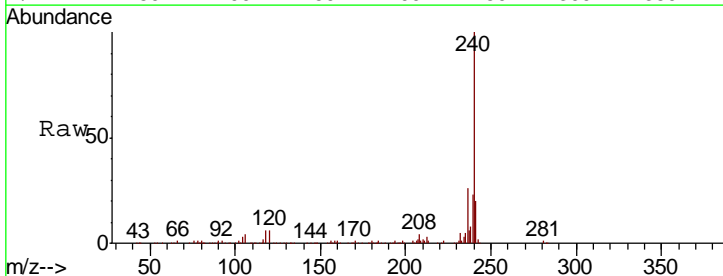
Instrument :
 BNA_G
 ClientSampled :

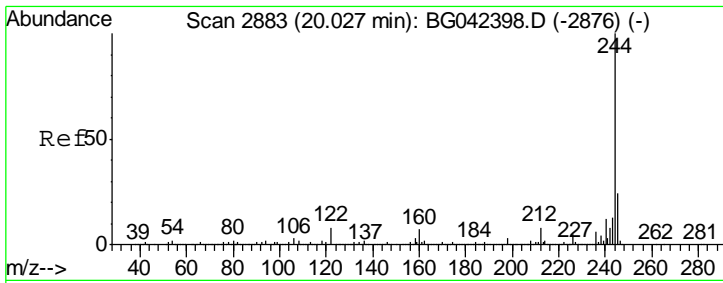
Tgt Ion	Resp	Lower	Upper
248	13374		
250	198.8	78.9	118.3#
141	375.7	43.3	64.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion	Resp	Lower	Upper
240	263759		
120	5.7	5.7	8.5#
236	25.9	21.0	31.4



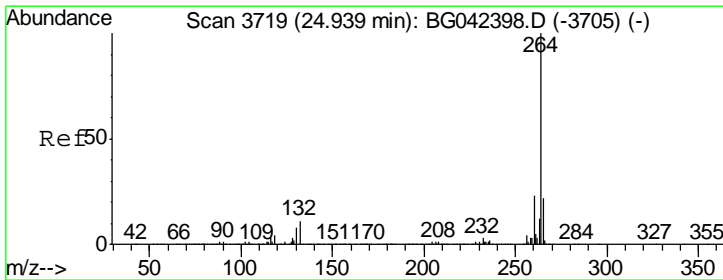
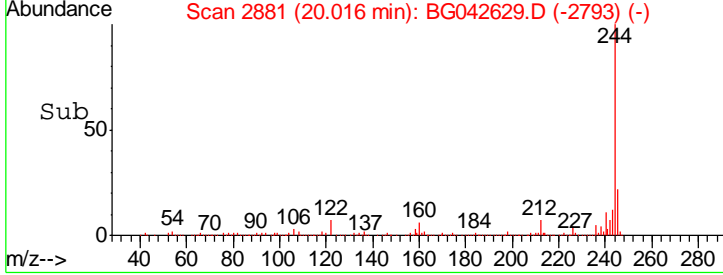
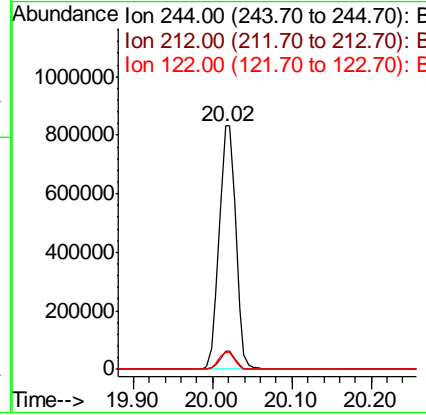
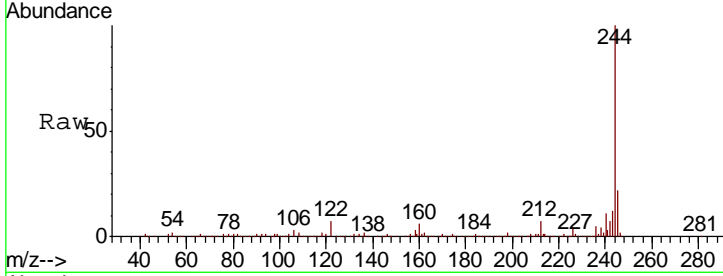


#79
 Terphenyl-d14
 Concen: 99.429 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 1213061

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.2	6.7	10.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. -0.02 min
 Lab File: BG042629.D
 Acq: 31 Aug 2019 11:22

Tgt Ion: 264 Resp: 306111

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.5	27.7
265	21.9	17.6	26.4

