

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042491.D
 Acq On : 26 Aug 2019 9:17
 Operator : HP/JU
 Sample : PB122510BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122510BL

Quant Time: Aug 27 01:04:25 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

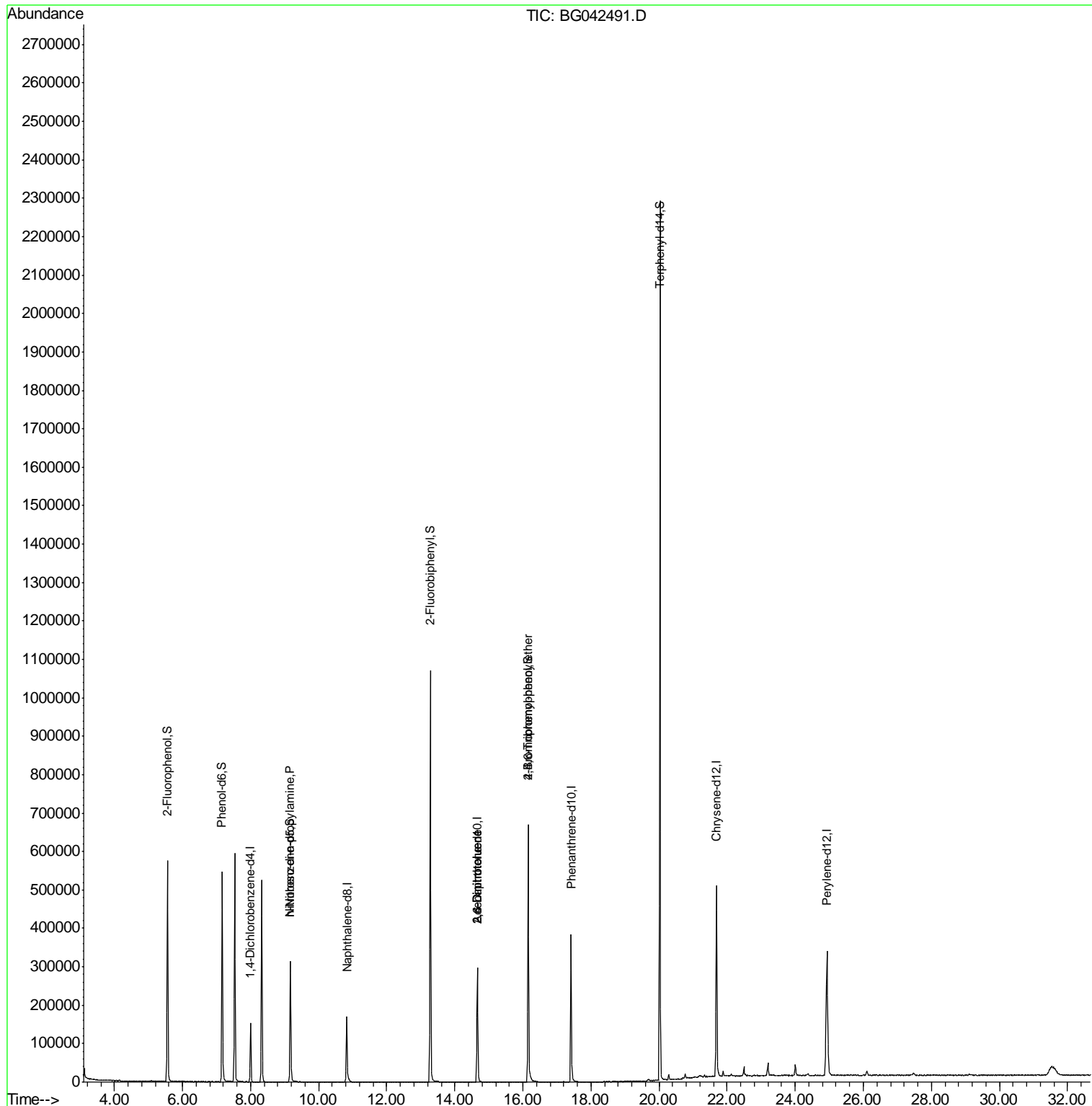
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	51635	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	198060	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	136026	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	302088	20.00	ng	0.00
76) Chrysene-d12	21.69	240	348280	20.00	ng	0.00
87) Perylene-d12	24.93	264	407789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	301193	118.14	ng	0.00
7) Phenol-d6	7.16	99	389259	113.03	ng	0.00
23) Nitrobenzene-d5	9.17	82	220945	77.09	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	188639	97.57	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	664341	82.60	ng	0.00
79) Terphenyl-d14	20.02	244	1196302	74.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	27577	12.360	ng	# 74
51) 2,6-Dinitrotoluene	14.66	165	17821	7.833	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	17821	5.470	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12974	3.386	ng	# 1

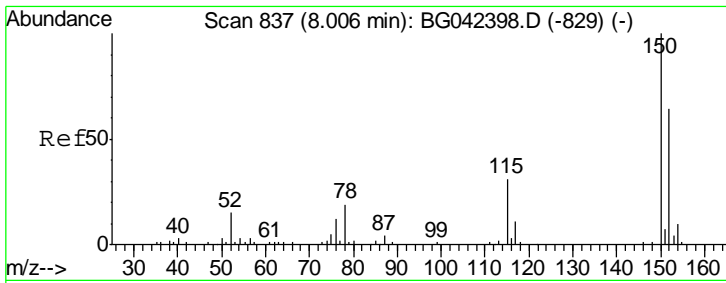
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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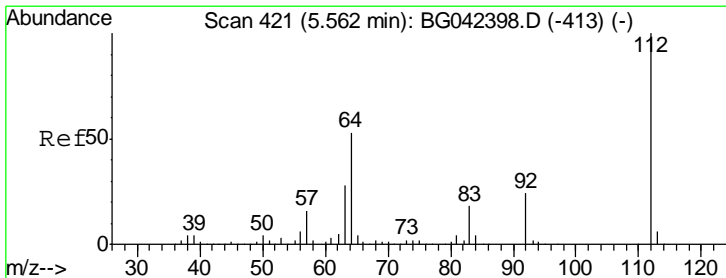
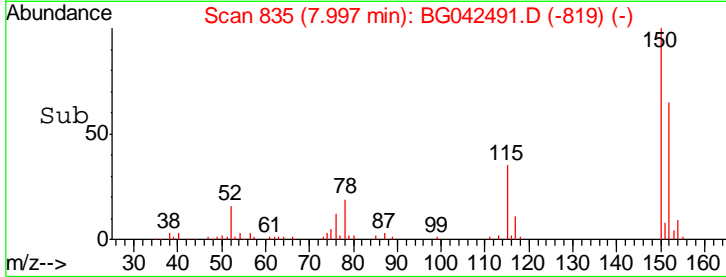
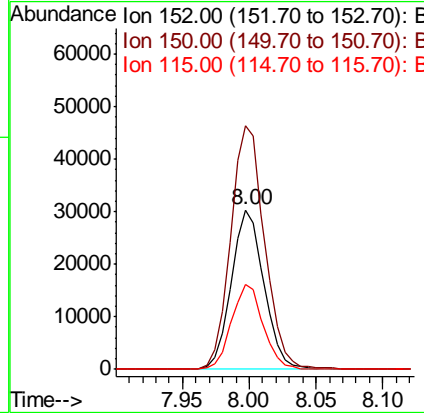
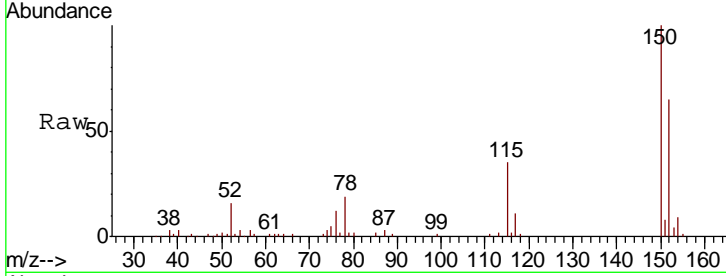




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

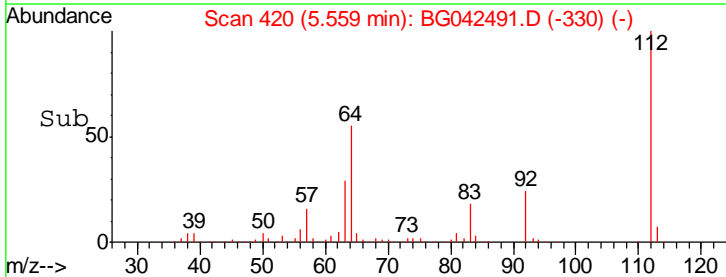
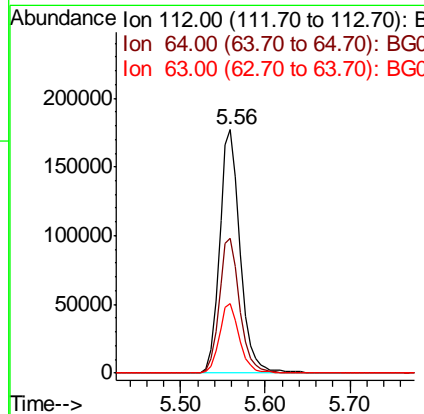
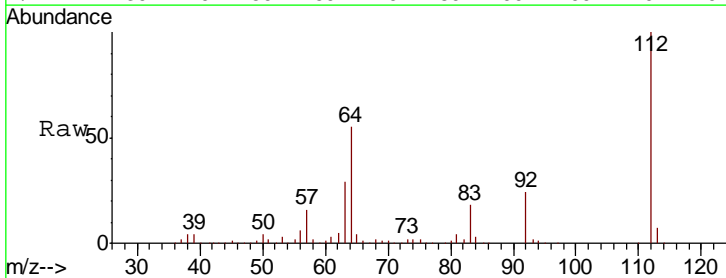
Instrument :
 BNA_G
ClientSampleId :
 PB122510BL

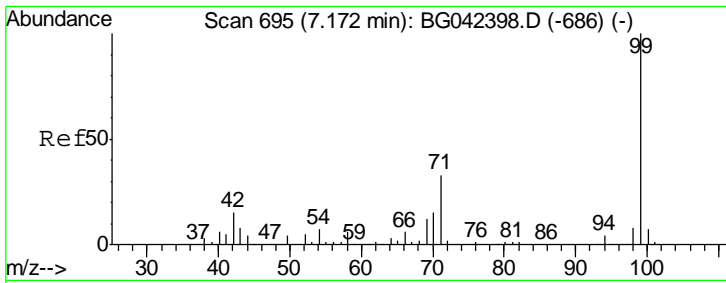
Tgt Ion	Resp	Lower	Upper
152	51635		
152	100		
150	152.8	125.4	188.0
115	53.2	38.5	57.7



#5
 2-Fluorophenol
 Concen: 118.138 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion	Resp	Lower	Upper
112	301193		
112	100		
64	55.3	42.8	64.2
63	28.6	22.7	34.1

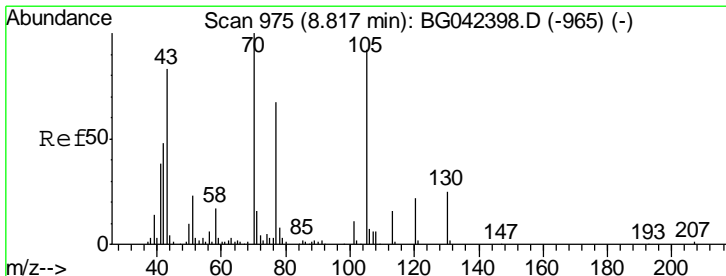
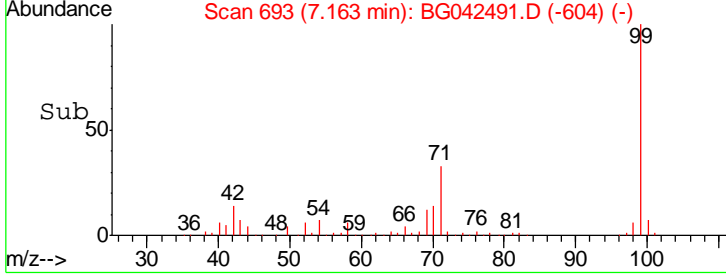
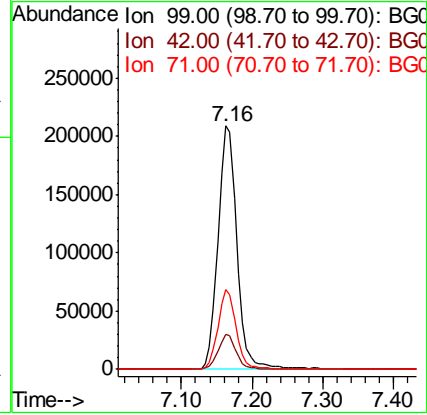
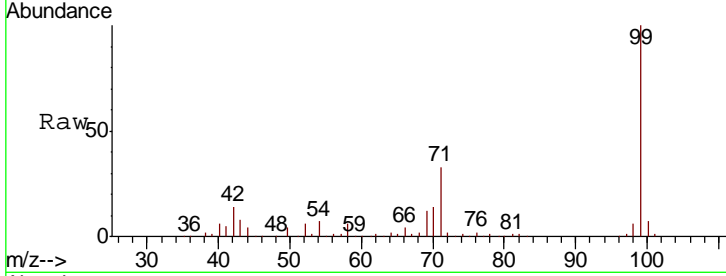




#7
 Phenol-d6
 Concen: 113.031 ng
 RT: 7.16 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

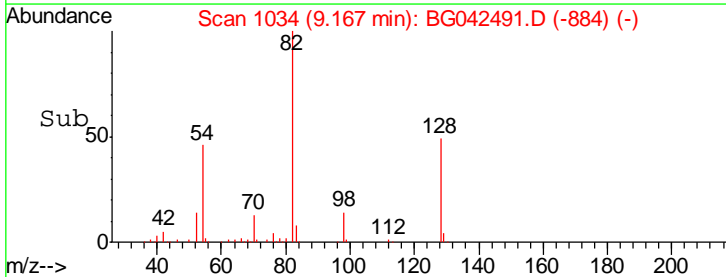
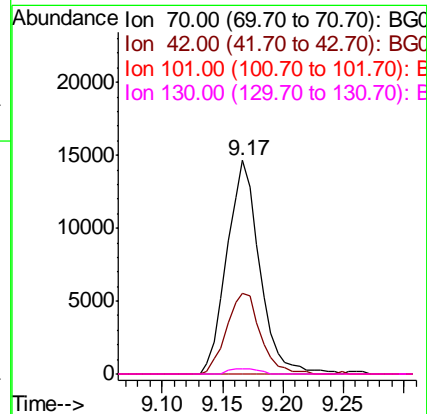
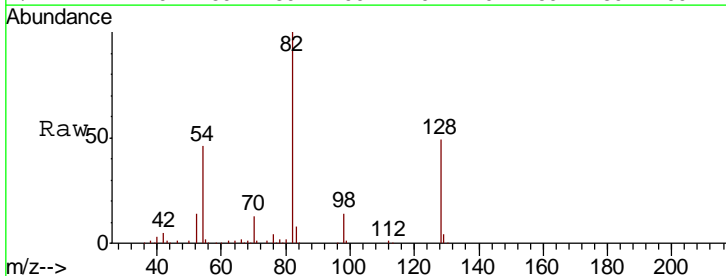
Instrument :
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 ClientSampled :
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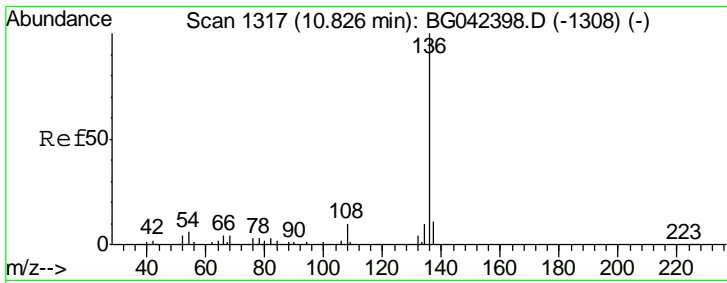
Tgt Ion	Resp	Lower	Upper
99	389259		
42	14.4	12.0	18.0
71	32.7	26.3	39.5



#19
 n-Nitroso-di-n-propylamine
 Concen: 12.360 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. 0.35 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion	Resp	Lower	Upper
70	27577		
42	37.6	38.8	58.2#
101	0.0	9.0	13.6#
130	2.3	20.0	30.0#

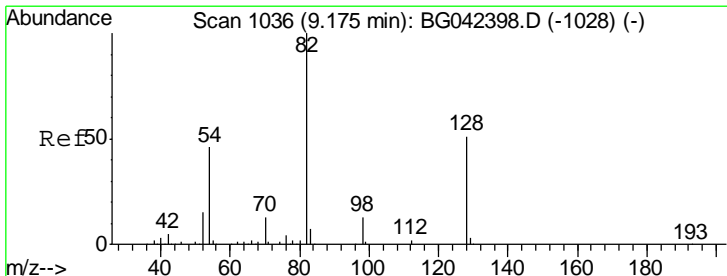
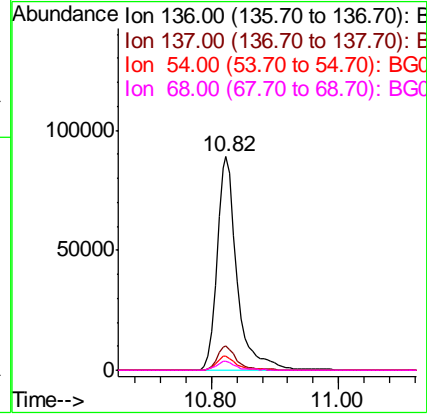
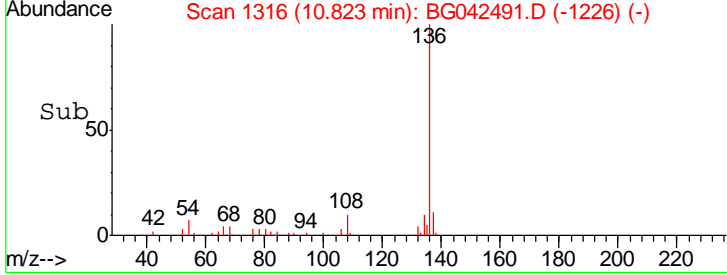
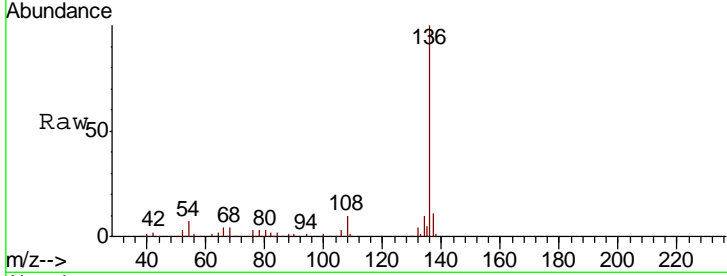




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

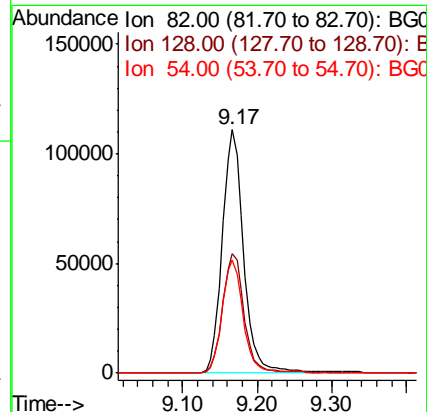
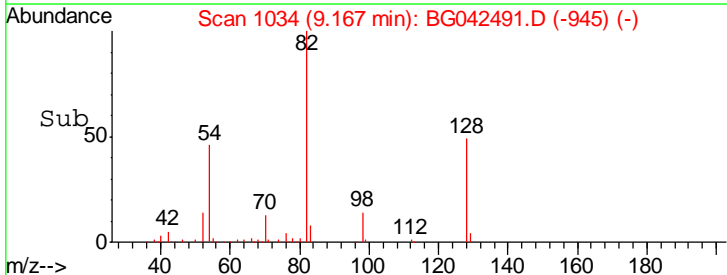
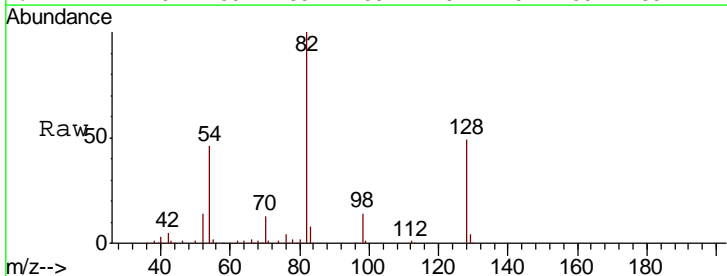
Instrument :
 BNA_G
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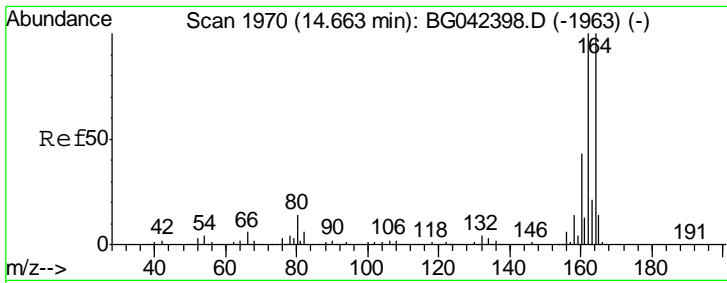
Tgt Ion	Resp	Lower	Upper
136	198060		
137	11.2	8.7	13.1
54	6.5	4.9	7.3
68	4.5	3.6	5.4



#23
 Nitrobenzene-d5
 Concen: 77.089 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion	Resp	Lower	Upper
82	220945		
128	49.2	40.7	61.1
54	46.4	36.3	54.5

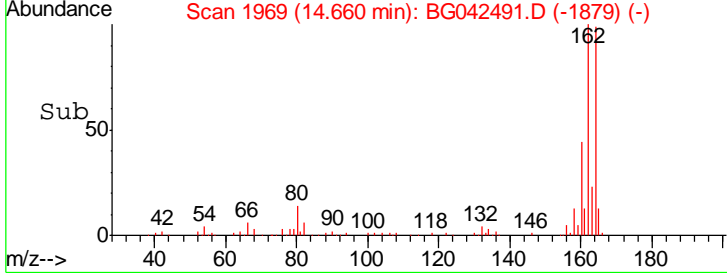
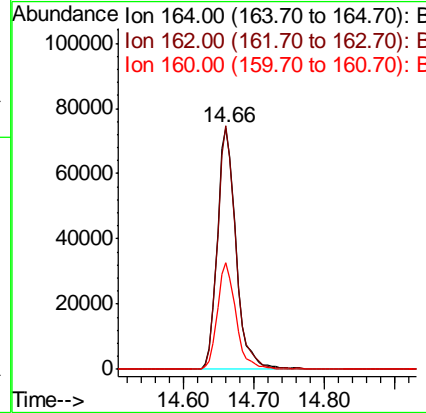
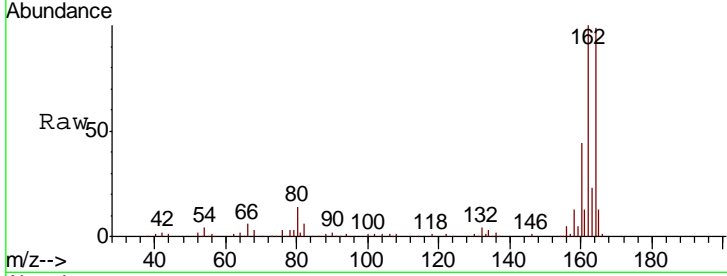




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

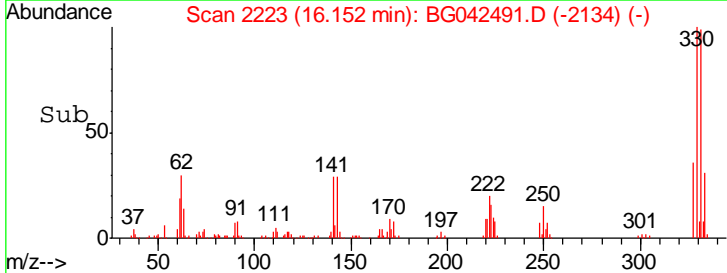
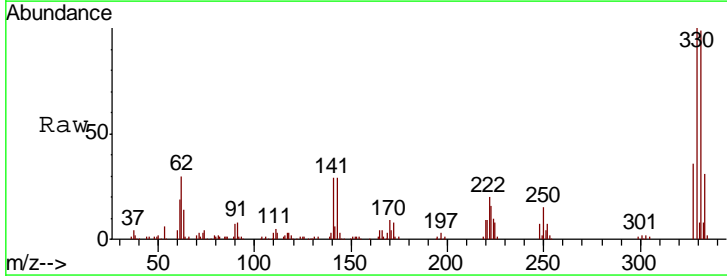
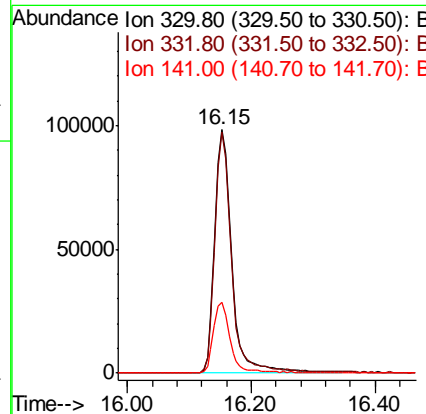
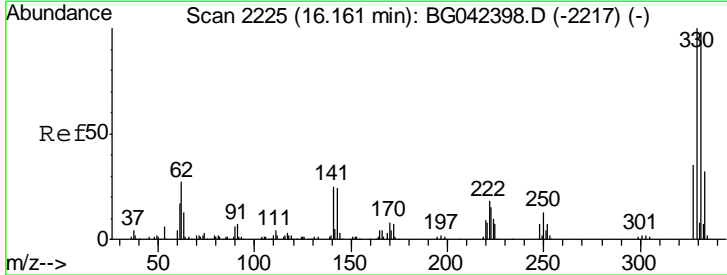
Instrument :
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 ClientSampled :
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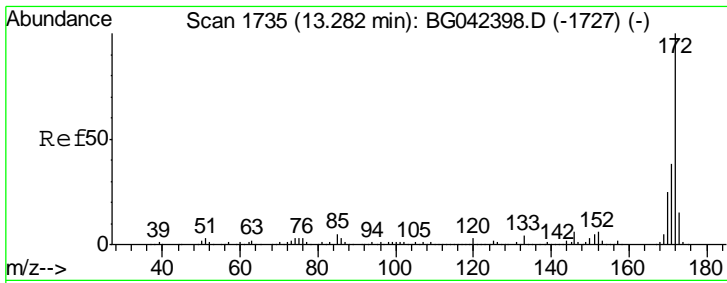
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	44.4	34.3	51.5



#42
 2,4,6-Tribromophenol
 Concen: 97.569 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	28.5	21.4	32.0

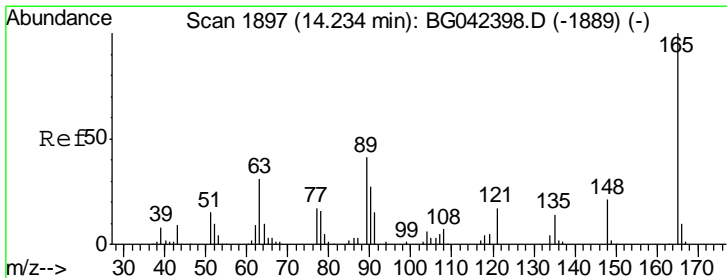
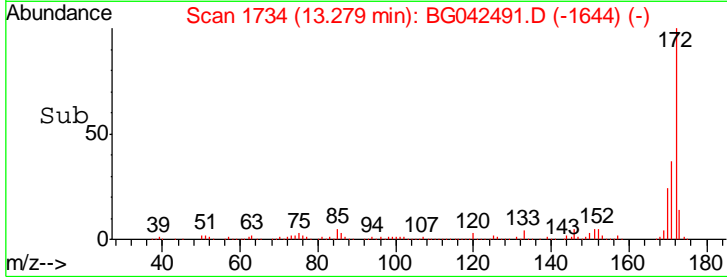
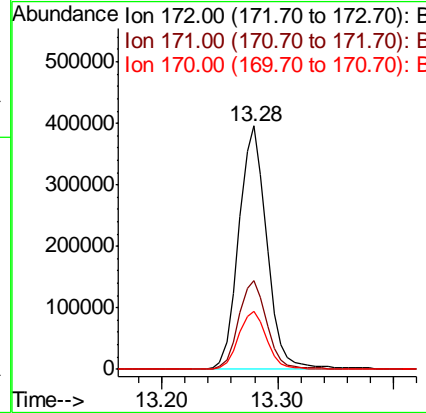
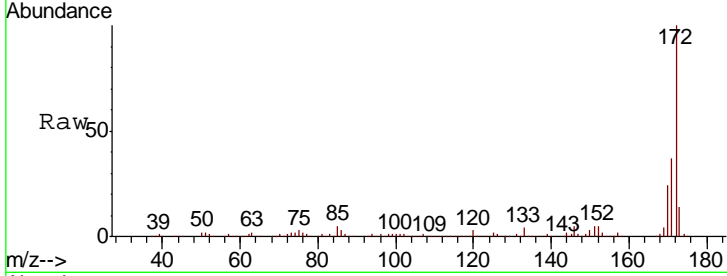




#45
 2-Fluorobiphenyl
 Concen: 82.601 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

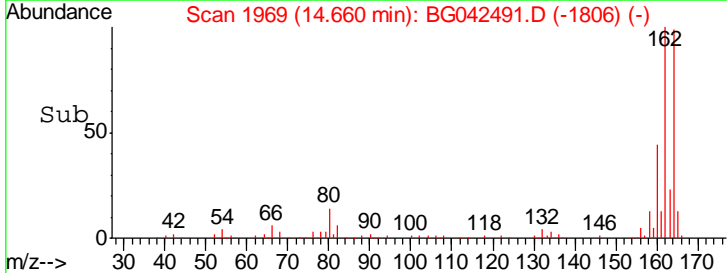
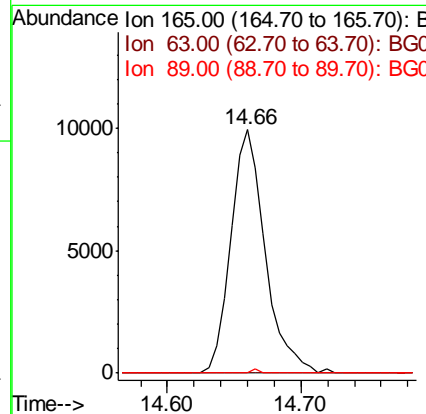
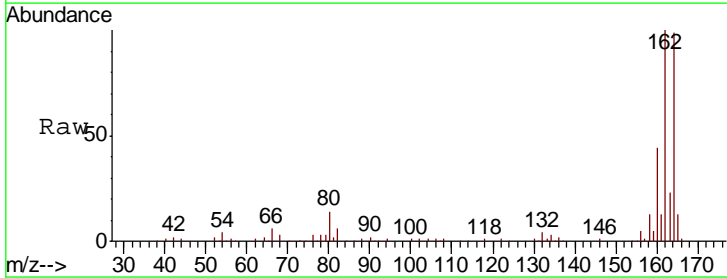
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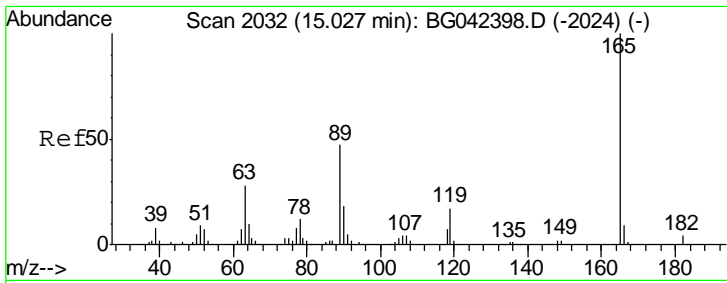
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.0	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.833 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

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

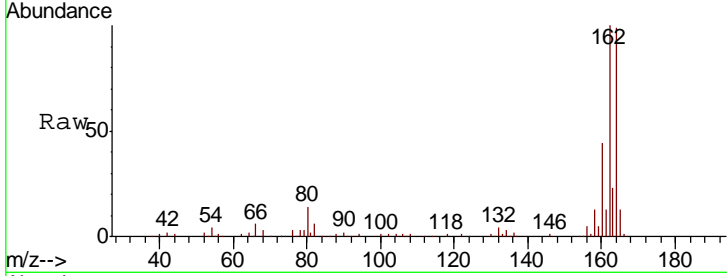




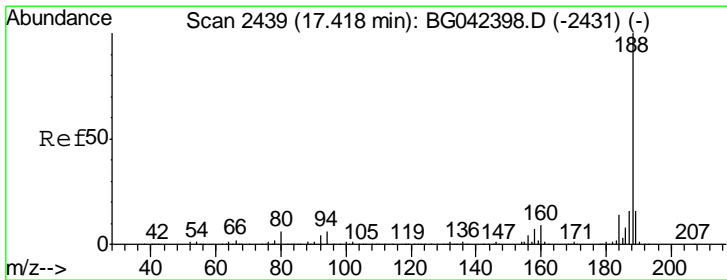
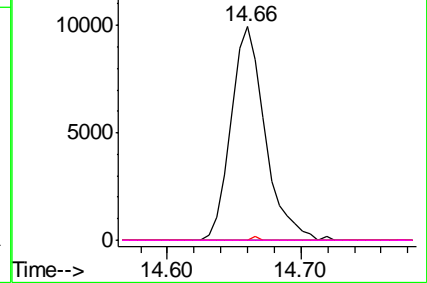
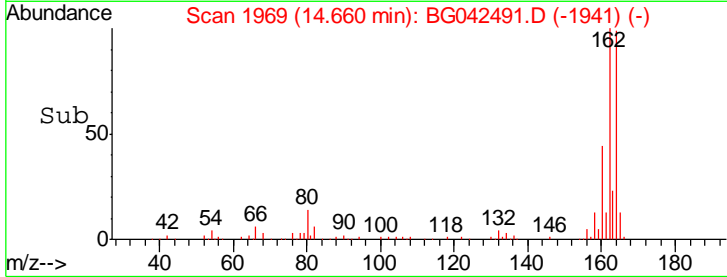
#57
 2,4-Dinitrotoluene
 Concen: 5.470 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Instrument :
 BNA_G
 ClientSampleID :
 PB122510BL

Tgt Ion	Resp	Lower	Upper
165	17821		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#

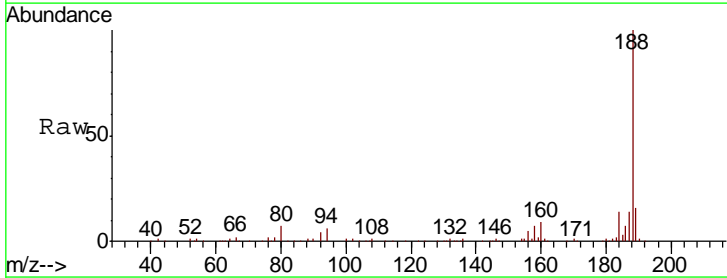


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

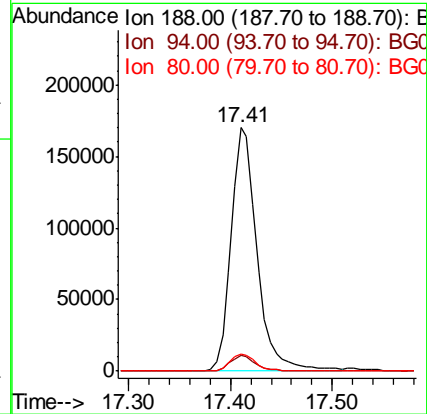
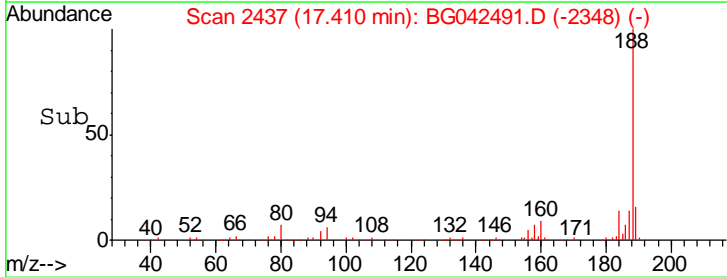


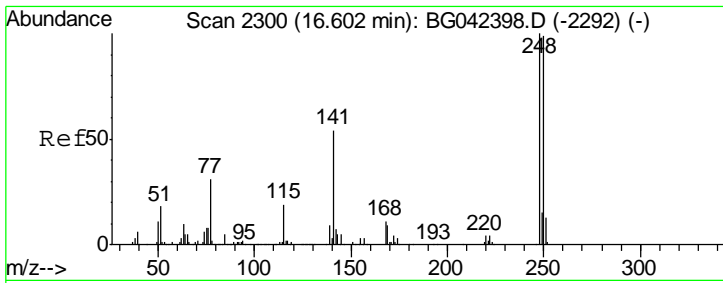
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion	Resp	Lower	Upper
188	302088		
94	6.4	4.5	6.7
80	7.0	4.9	7.3



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

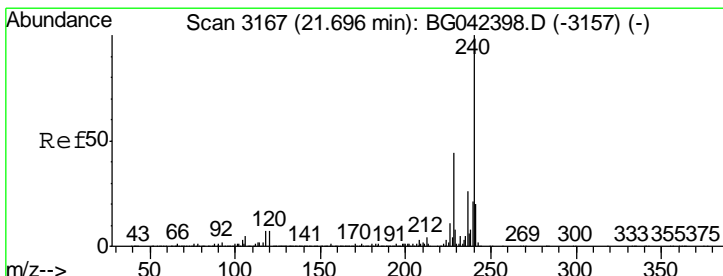
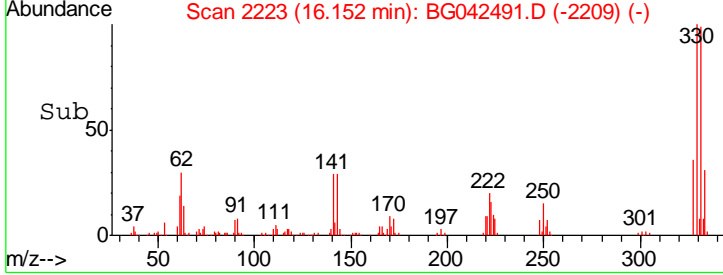
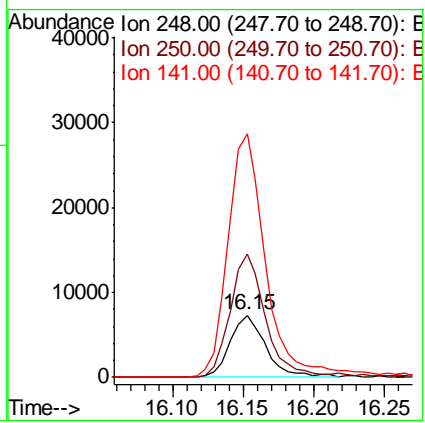
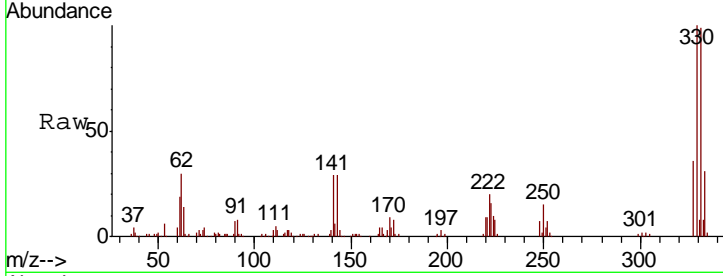




#67
 4-Bromophenyl-phenylether
 Concen: 3.386 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

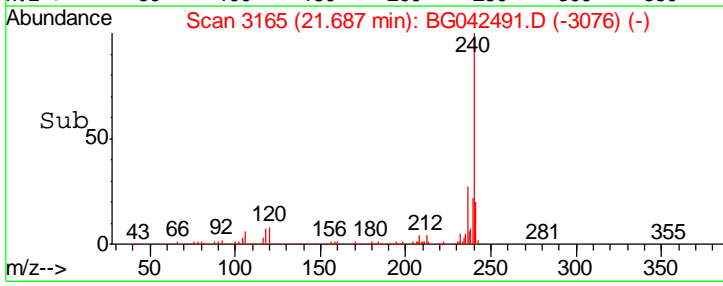
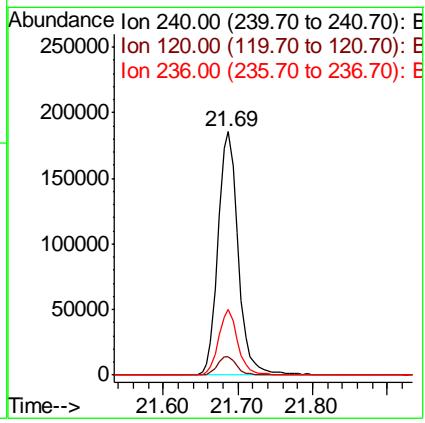
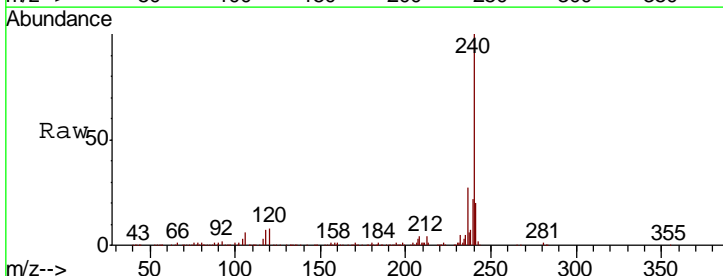
Instrument :
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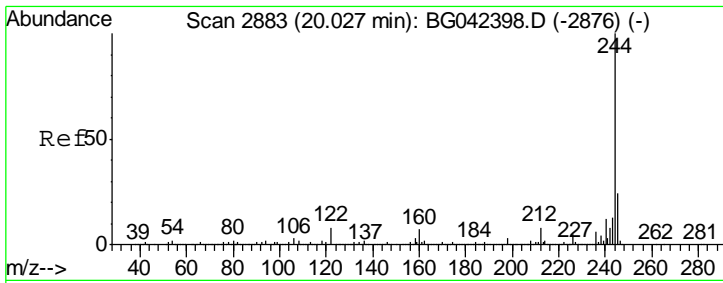
Tgt Ion	Resp	Lower	Upper
248	12974		
250	199.9	78.9	118.3#
141	392.8	43.3	64.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion	Resp	Lower	Upper
240	348280		
120	7.5	5.7	8.5
236	26.8	21.0	31.4



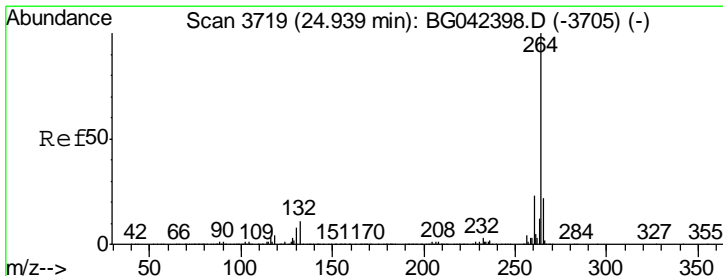
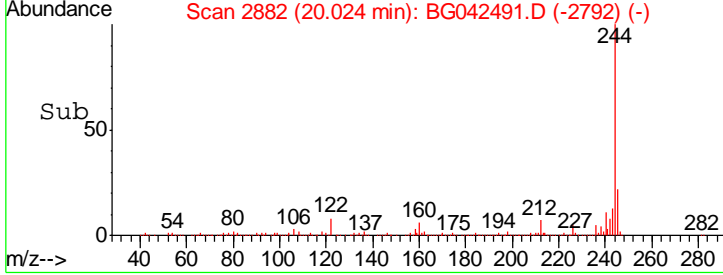
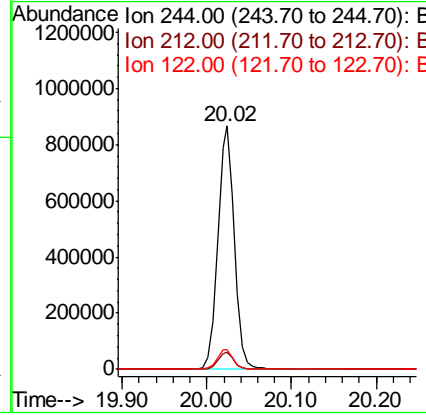
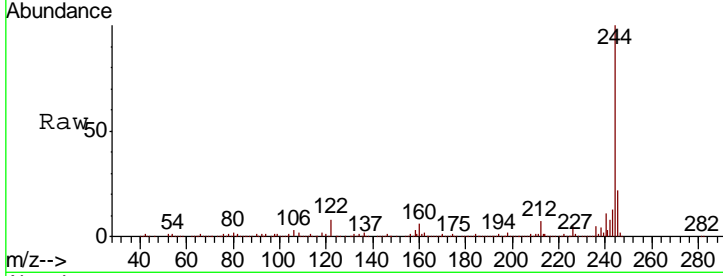


#79
 Terphenyl-d14
 Concen: 74.259 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042491.D
 Acq: 26 Aug 2019 9:17

Instrument :
 BNA_G
 ClientSampleID :
 PB122510BL

Tgt Ion: 244 Resp: 1196302

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	8.3	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: BG042491.D
 Acq: 26 Aug 2019 9:17

Tgt Ion: 264 Resp: 407789

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.2	17.6	26.4

