

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042674.D
 Acq On : 1 Sep 2019 23:06
 Operator : HP/JU
 Sample : K4554-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:30:39 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

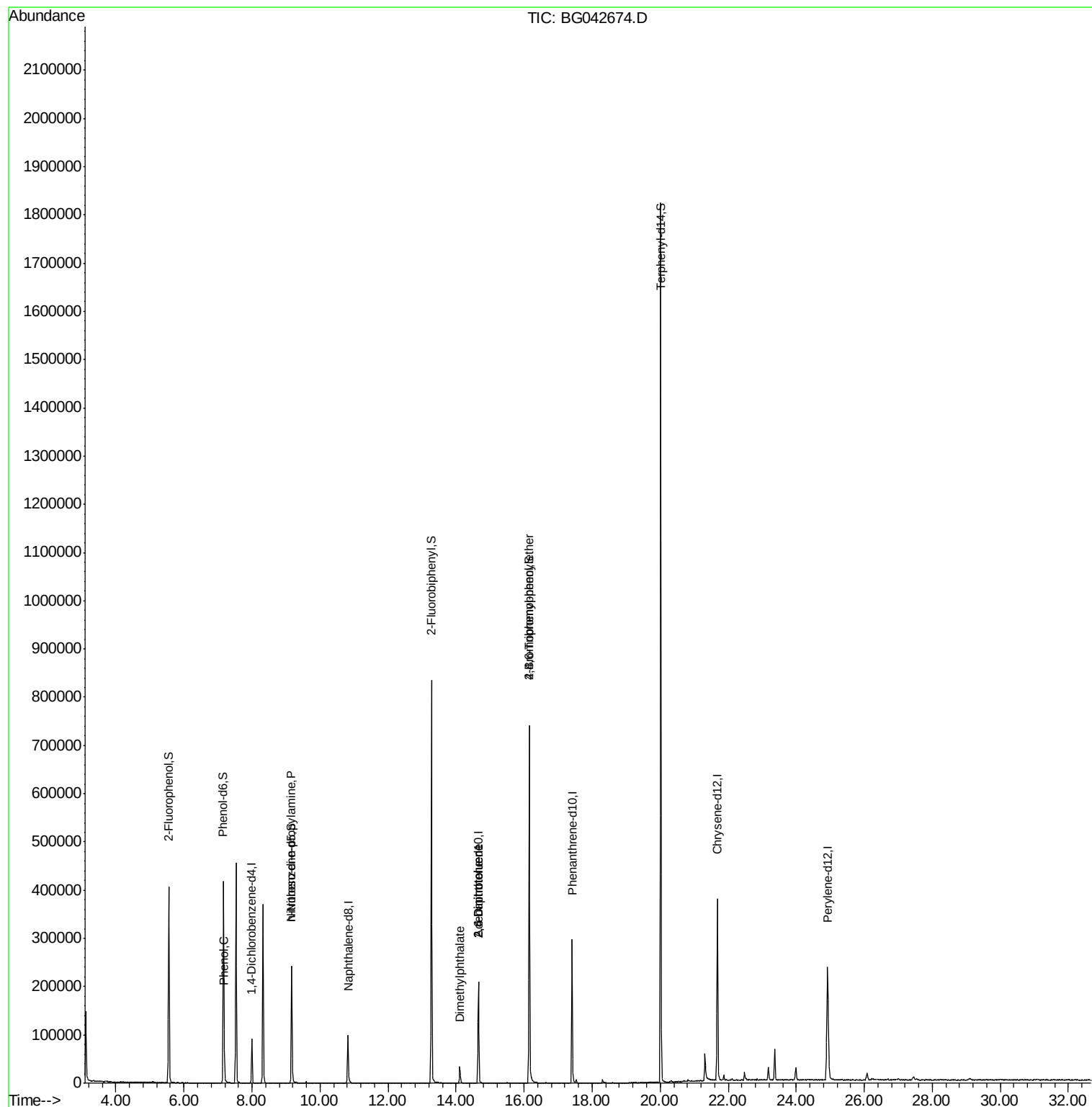
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	30653	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	115281	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91949	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	230633	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	260818	20.00	ng	-0.01
87) Perylene-d12	24.92	264	297005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	209409	138.36	ng	0.00
7) Phenol-d6	7.16	99	280197	137.06	ng	-0.01
23) Nitrobenzene-d5	9.16	82	160429	96.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	205076	156.92	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	505853	93.05	ng	0.00
79) Terphenyl-d14	20.02	244	1036487	85.91	ng	-0.01
Target Compounds						
10) Phenol	7.19	94	22619	10.882	ng	89
19) n-Nitroso-di-n-propylamine	9.16	70	21202	16.008	ng	# 73
50) Dimethylphthalate	14.11	163	41763	6.295	ng	97
51) 2,6-Dinitrotoluene	14.65	165	11961	7.778	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	11961	5.432	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13812	4.721	ng	# 1

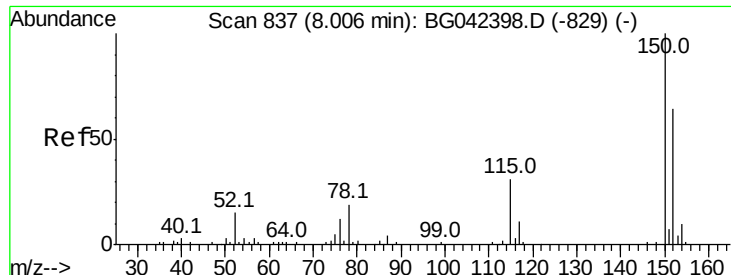
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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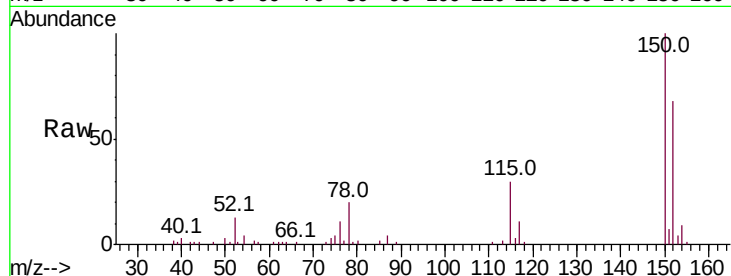


#1

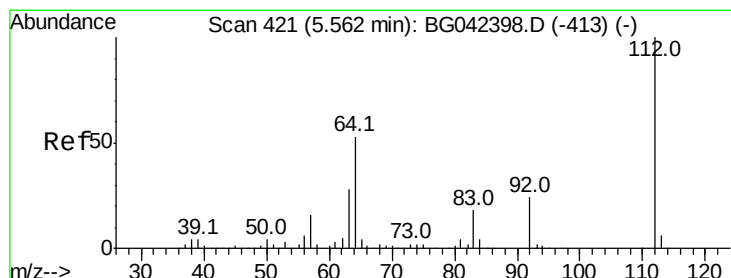
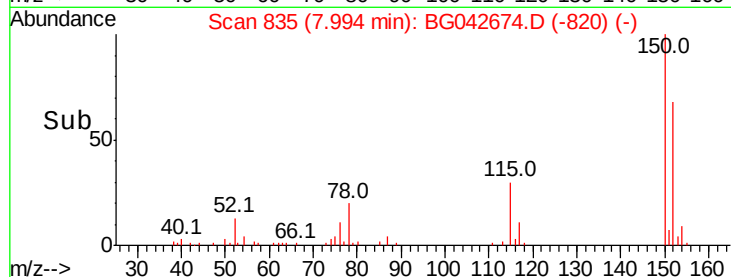
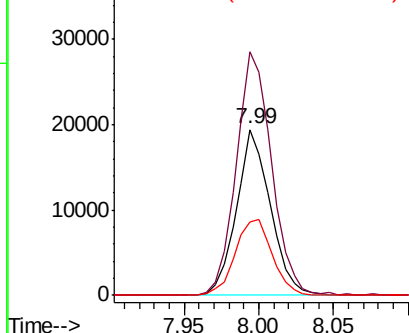
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30653
Ion Ratio Lower Upper
152 100
150 146.9 125.4 188.0
115 44.1 38.5 57.7



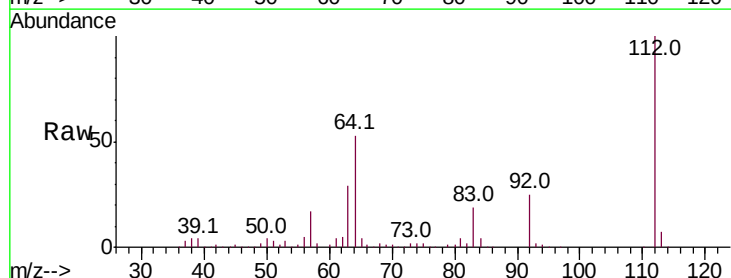
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



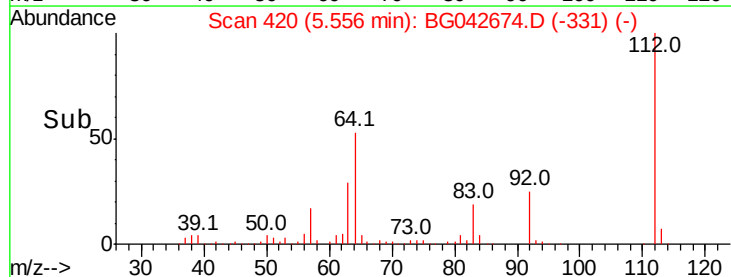
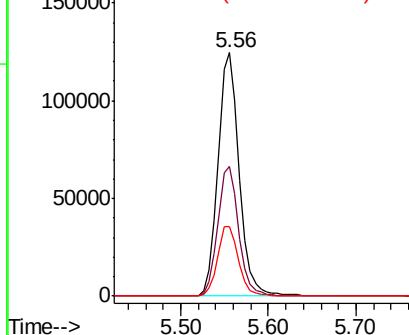
#5

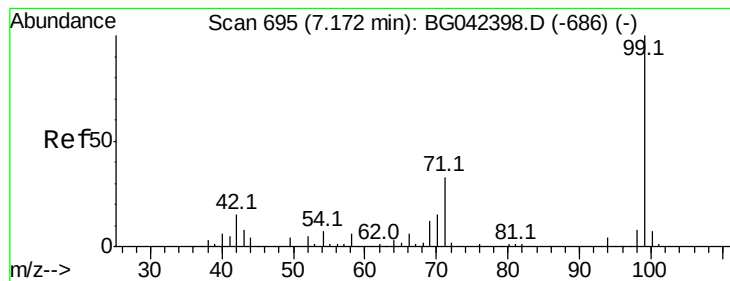
2-Fluorophenol
Concen: 138.360 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

Tgt Ion:112 Resp: 209409
Ion Ratio Lower Upper
112 100
64 53.1 42.8 64.2
63 28.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.055 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042674.D

Acq: 1 Sep 2019 23:06

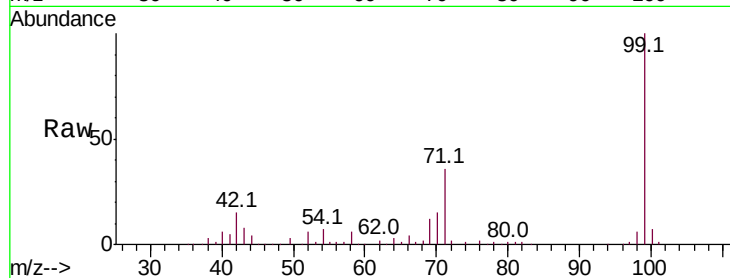
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 280197

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	35.8	26.3	39.5

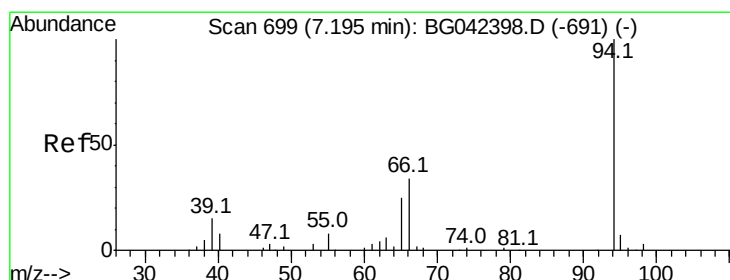
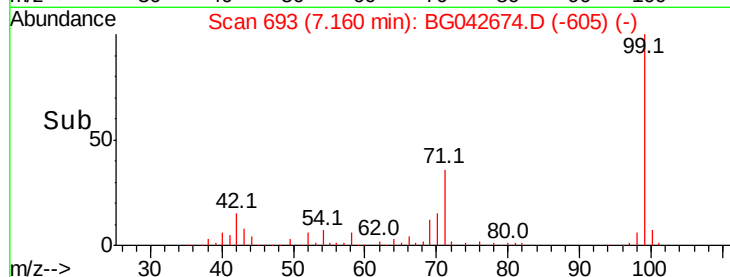
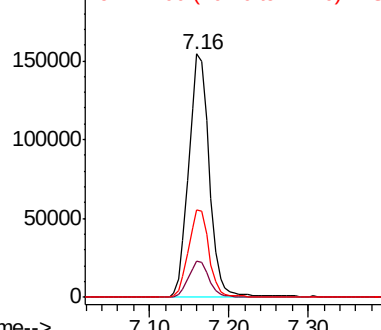


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 10.882 ng

RT: 7.19 min Scan# 698

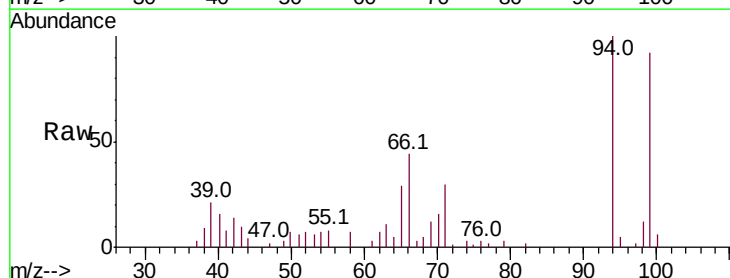
Delta R.T. -0.01 min

Lab File: BG042674.D

Acq: 1 Sep 2019 23:06

Tgt Ion: 94 Resp: 22619

Ion	Ratio	Lower	Upper
94	100		
65	29.2	5.6	45.6
66	43.9	16.0	56.0

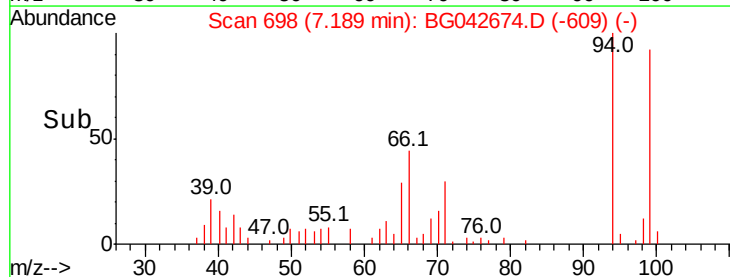
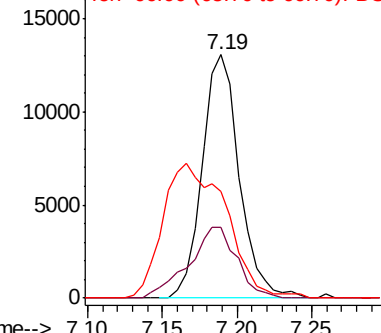


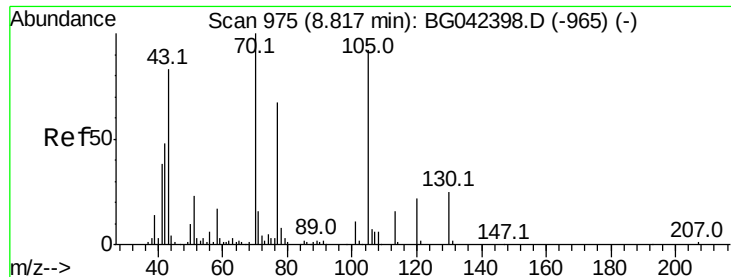
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

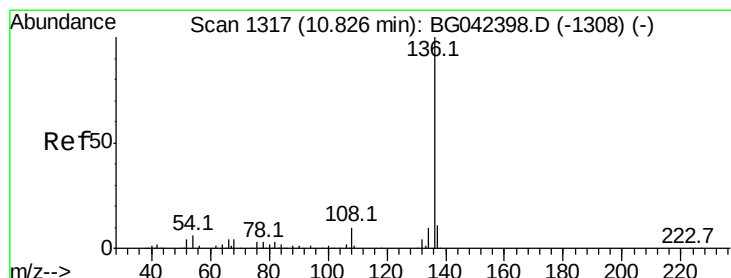
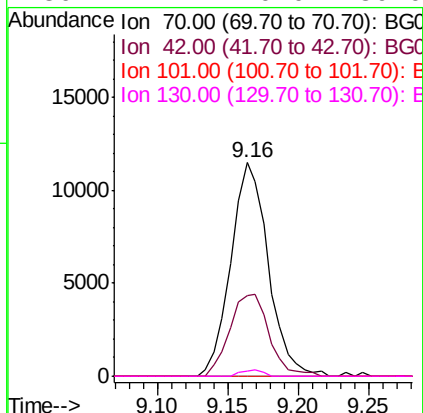
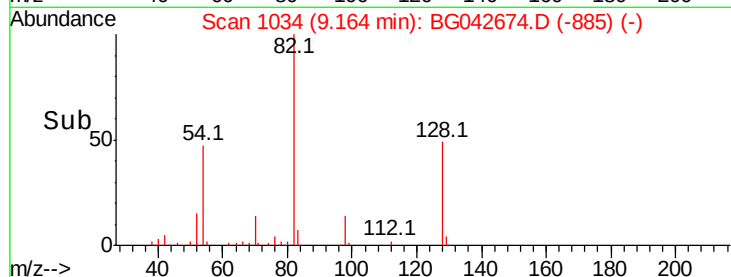
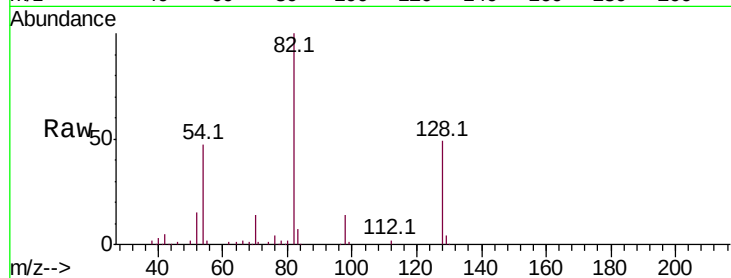




#19
n-Nitroso-di-n-propylamine
Concen: 16.008 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

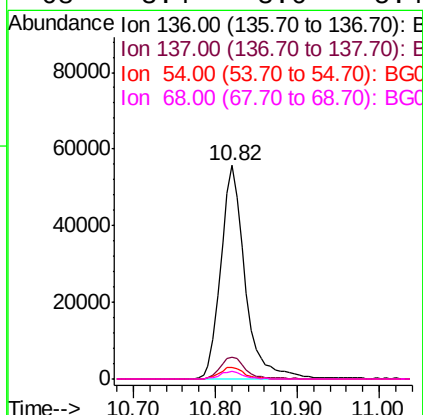
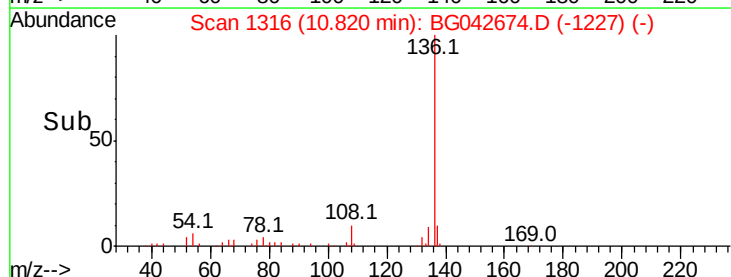
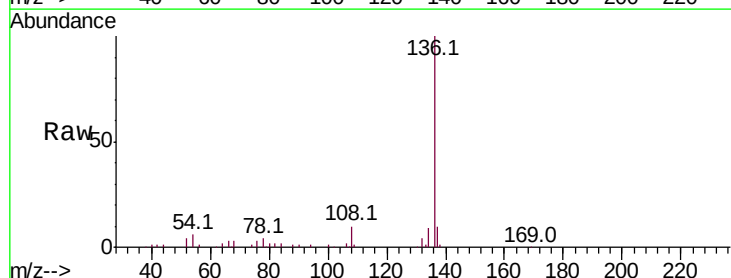
Instrument :
BNA_G
ClientSampleId :

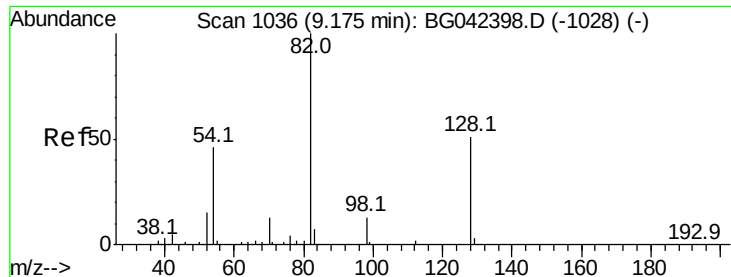
Tot Ion: 70 Resp: 21202
Ion Ratio Lower Upper
70 100
42 37.5 38.8 58.2#
101 0.0 9.0 13.6#
130 2.1 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

Tgt Ion:136 Resp: 115281
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 5.5 4.9 7.3
68 3.4 3.6 5.4#

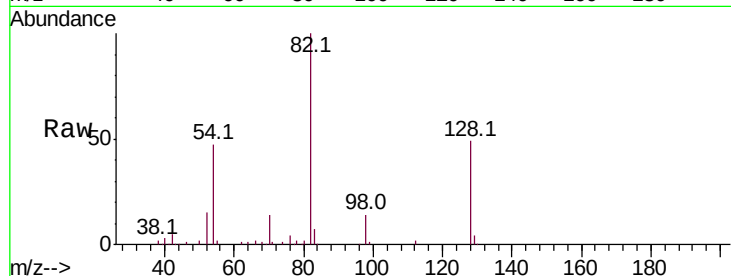




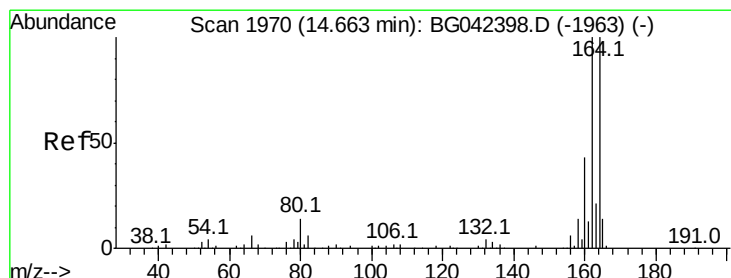
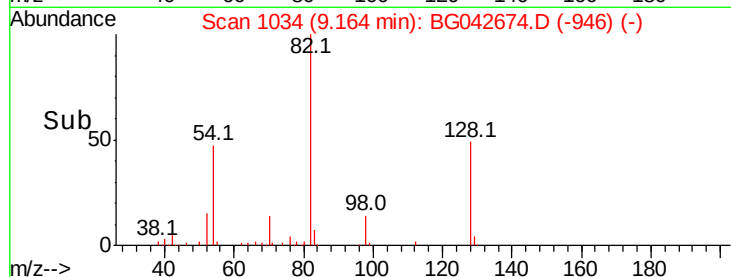
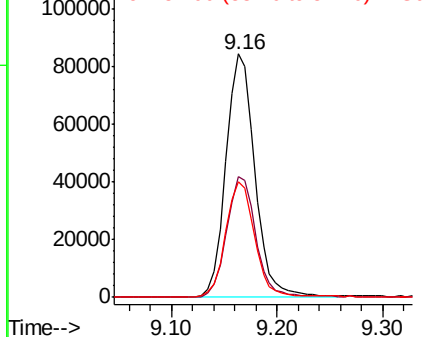
#23
Nitrobenzene-d5
Concen: 96.167 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	160429
Ion Ratio	Lower	Upper	
82	100		
128	49.4	40.7	61.1
54	47.3	36.3	54.5

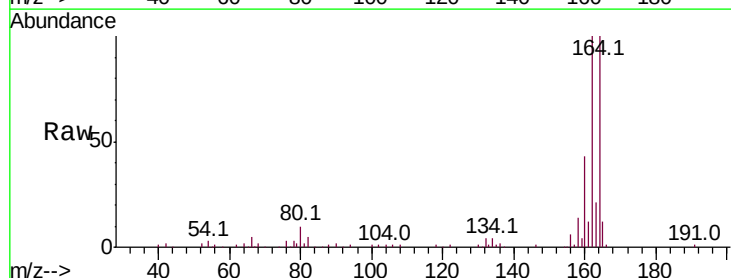


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

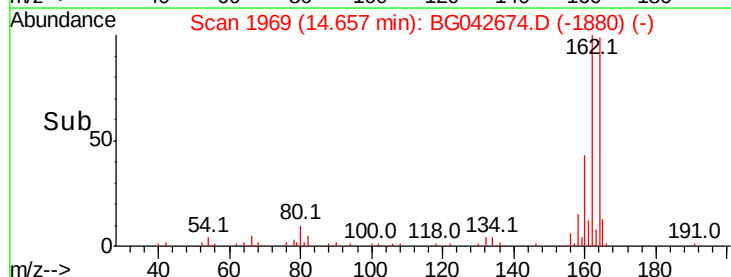
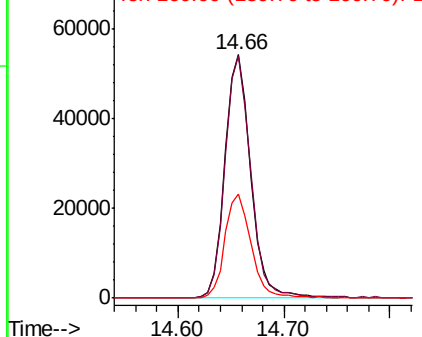


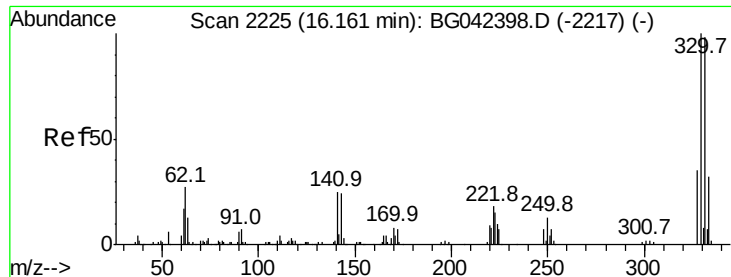
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

Tgt Ion	164	Resp	91949
Ion Ratio	Lower	Upper	
164	100		
162	99.6	79.9	119.9
160	43.0	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

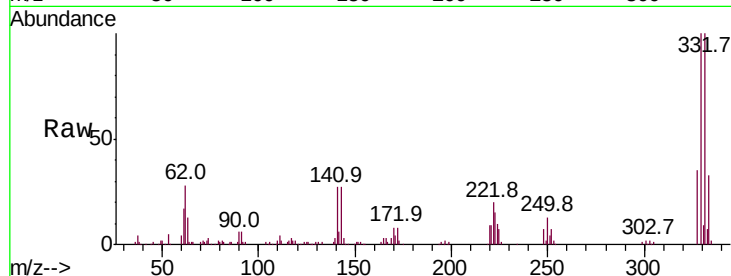




#42
 2,4,6-Tribromophenol
 Concen: 156.917 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042674.D
 Acq: 1 Sep 2019 23:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.0
141	26.4	21.4	32.0

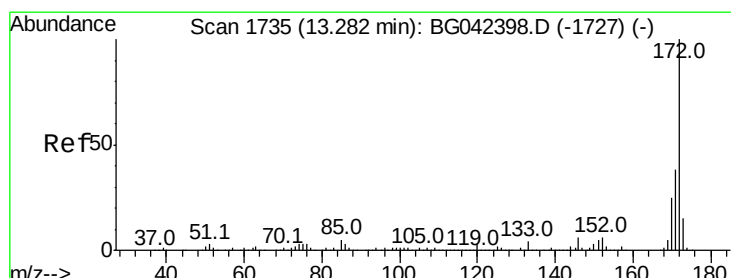
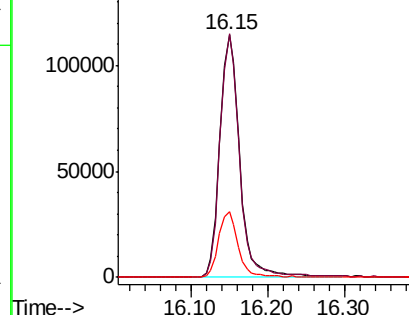
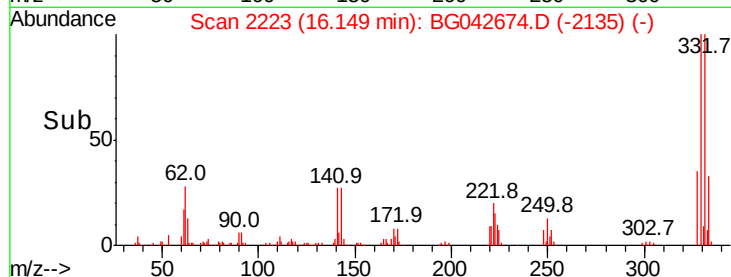


Abundance

Ion 329.80 (329.50 to 330.50): E

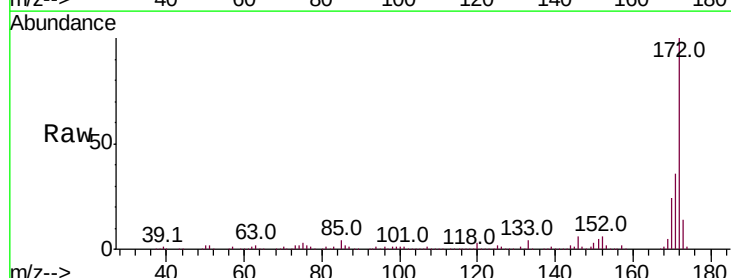
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.045 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042674.D
 Acq: 1 Sep 2019 23:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.7	20.2	30.2

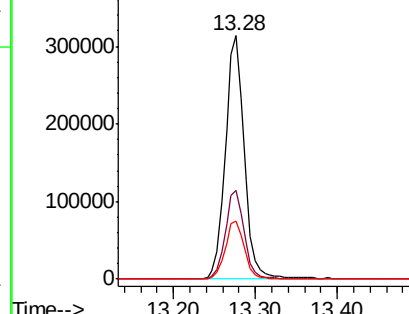
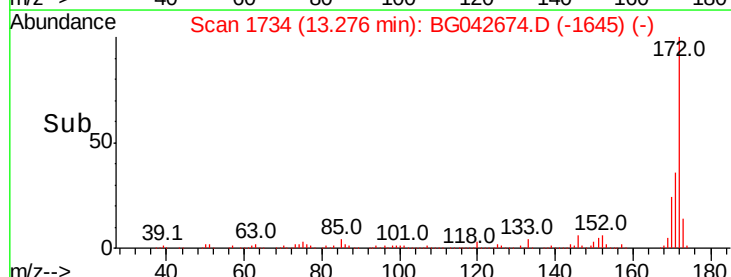


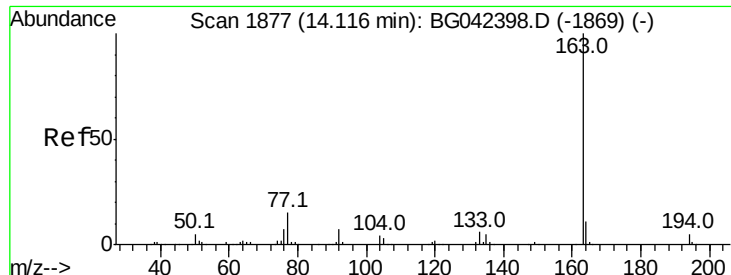
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

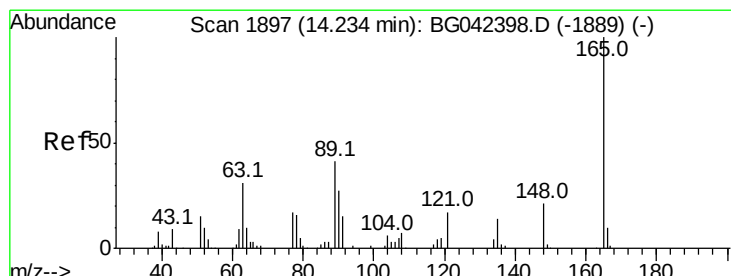
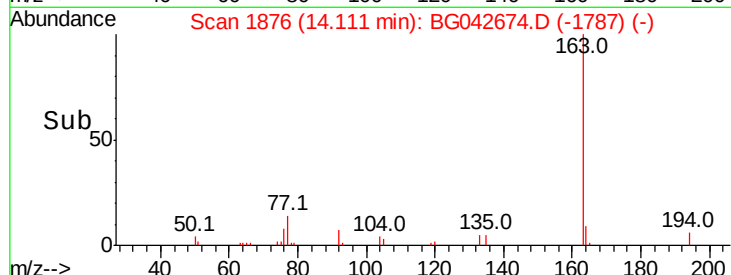
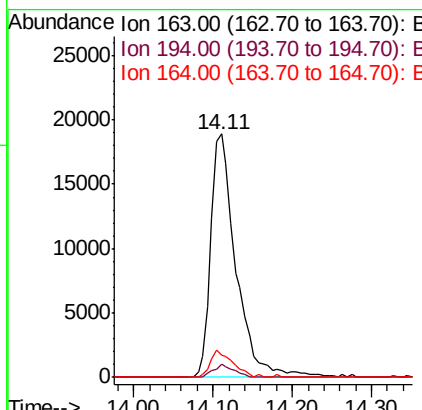
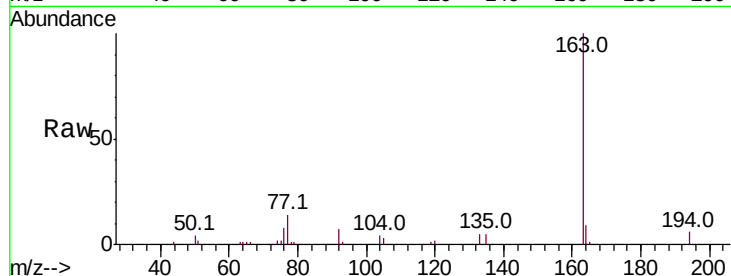




#50
Dimethylphthalate
Concen: 6.295 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

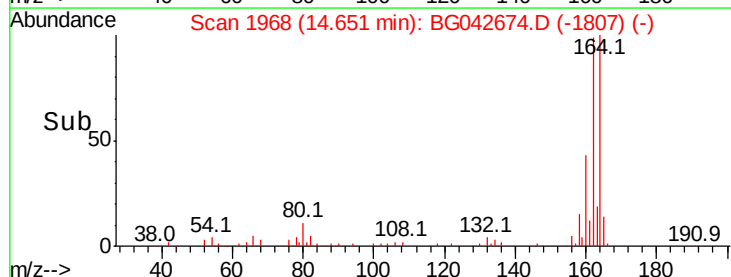
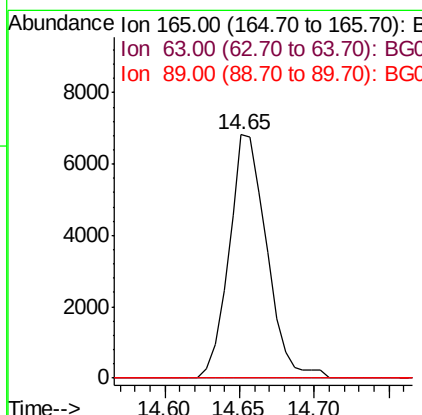
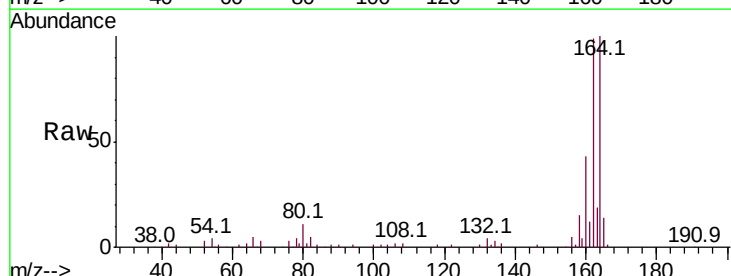
Instrument :
BNA_G
ClientSampled :

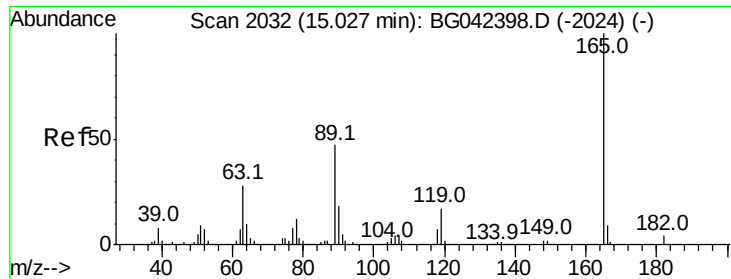
Tot Ion:163 Resp: 41763
Ion Ratio Lower Upper
163 100
194 5.6 4.2 6.2
164 9.3 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.778 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.42 min
Lab File: BG042674.D
Acq: 1 Sep 2019 23:06

Tgt Ion:165 Resp: 11961
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 32.6 49.0#

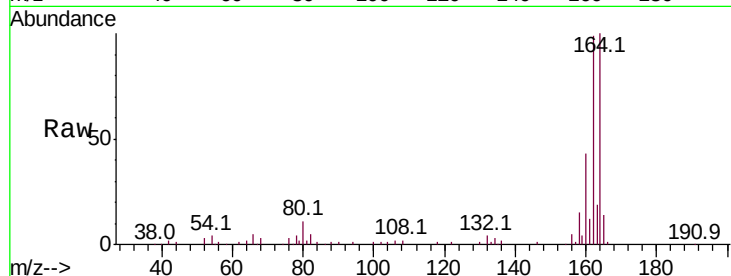




#57
 2,4-Dinitrotoluene
 Concen: 5.432 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.38 min
 Lab File: BG042674.D
 Acq: 1 Sep 2019 23:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



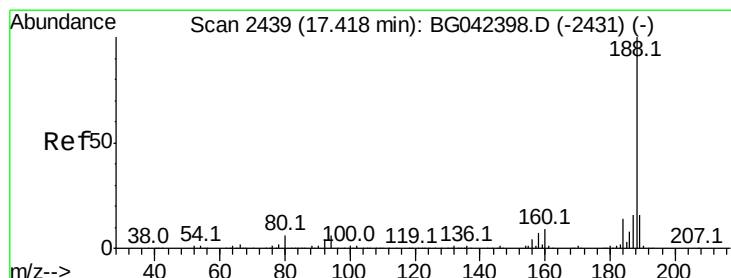
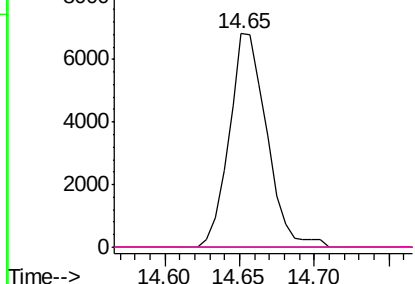
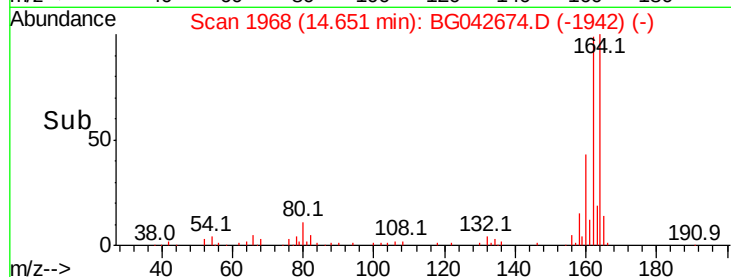
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

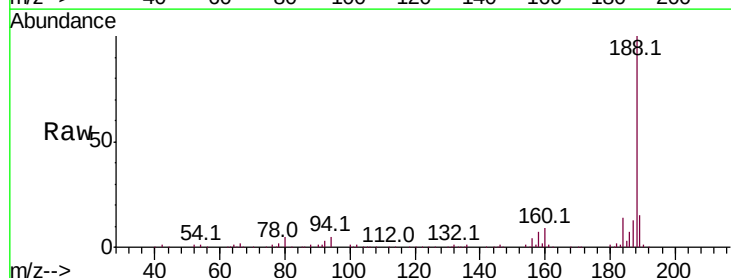
Ion 89.00 (88.70 to 89.70): BGC

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: BG042674.D
 Acq: 1 Sep 2019 23:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.1	4.9	7.3

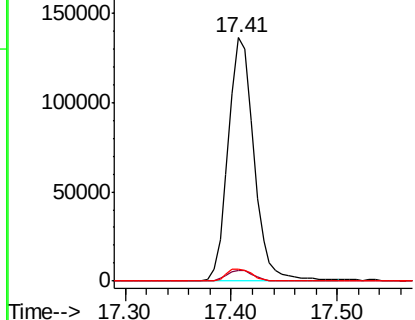
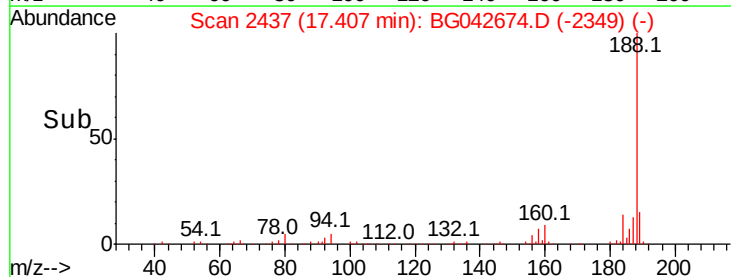


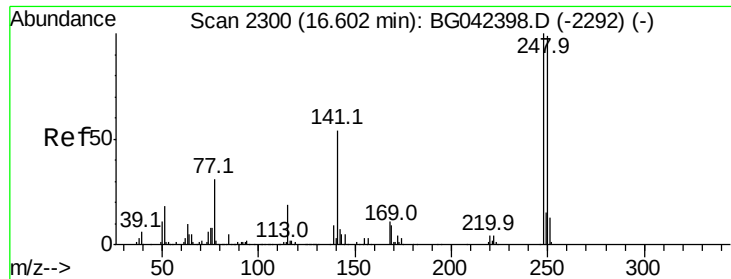
Abundance

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

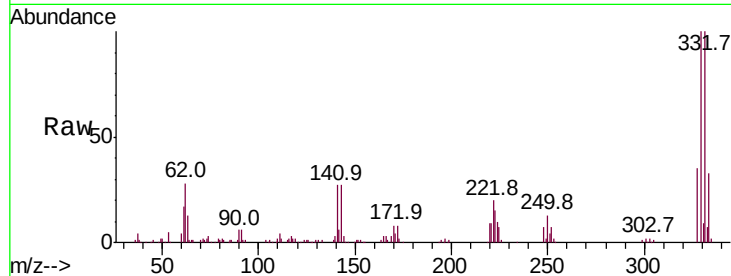




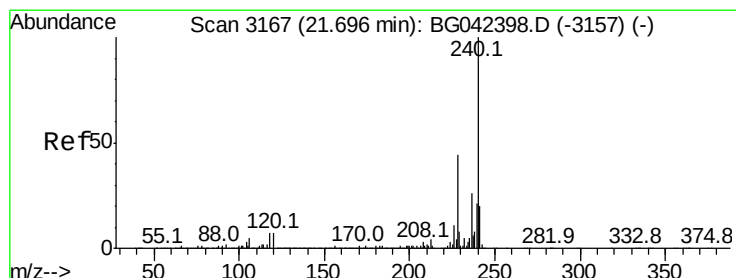
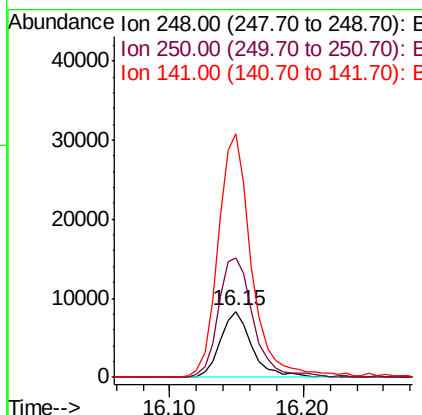
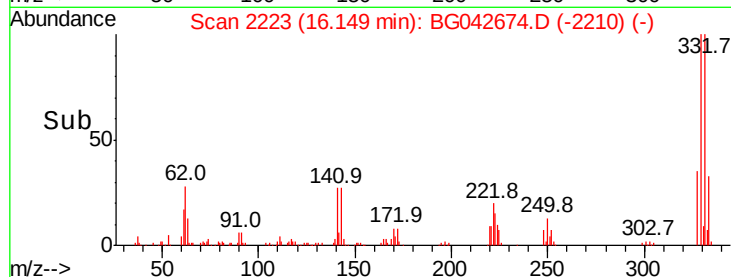
#67
 4-Bromophenyl-phenylether
 Concen: 4.721 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042674.D
 Acq: 1 Sep 2019 23:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13812
 Ion Ratio Lower Upper
 248 100
 250 181.6 78.9 118.3#
 141 370.5 43.3 64.9#

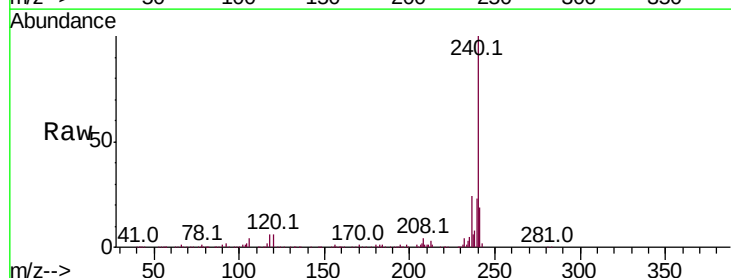


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

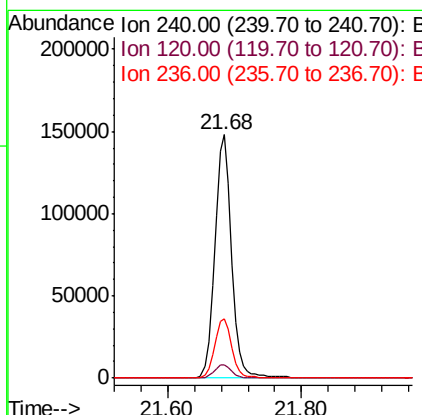
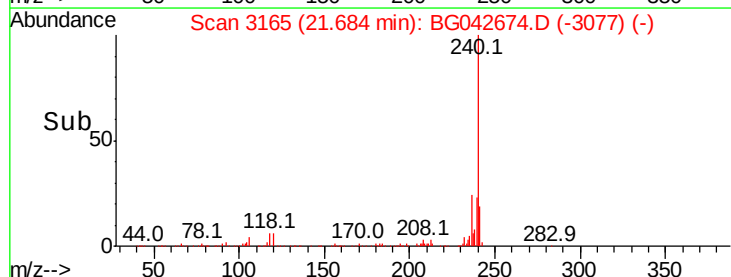


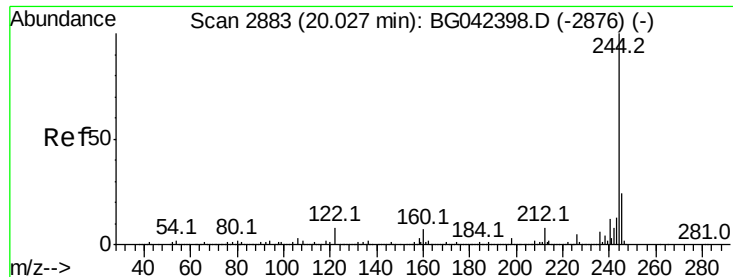
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042674.D
 Acq: 1 Sep 2019 23:06

Tgt Ion:240 Resp: 260818
 Ion Ratio Lower Upper
 240 100
 120 5.7 5.7 8.5#
 236 24.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.914 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042674.D

Acq: 1 Sep 2019 23:06

Instrument :

BNA_G

ClientSampleId :

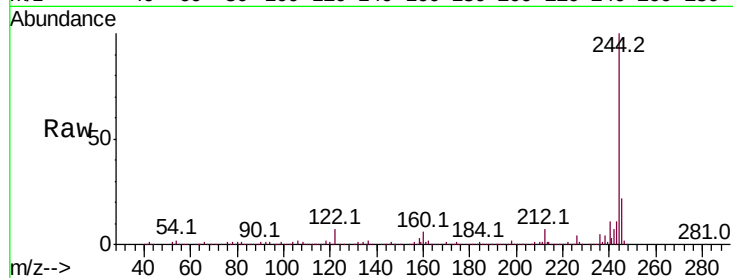
Tot Ion:244 Resp: 1036487

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

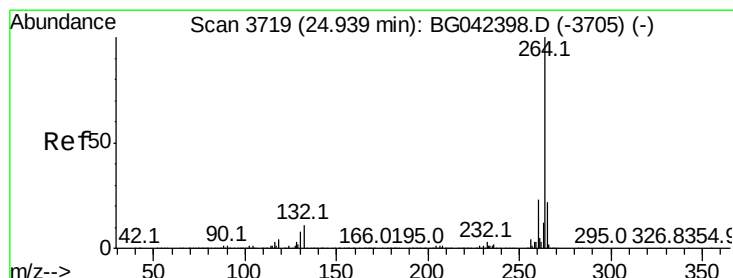
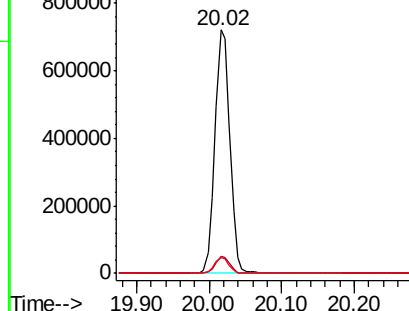
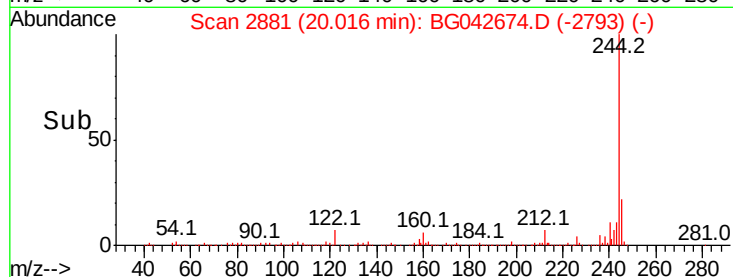
122 6.6 6.7 10.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042674.D

Acq: 1 Sep 2019 23:06

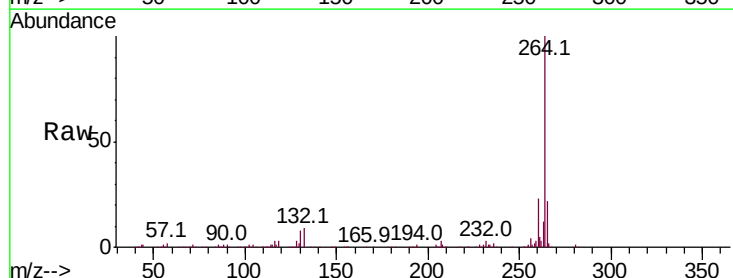
Tgt Ion:264 Resp: 297005

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

