

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
 Data File : BG047321.D
 Acq On : 13 Nov 2020 9:14
 Operator : CG/JU
 Sample : L4726-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGE5DL

Quant Time: Nov 13 10:23:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 10:50:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	50258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	194290	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	131184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	308451	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	330127	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	333211	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.16	99	13695	3.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	38549	15.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	40539	11.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	24789	7.12	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	25528	15.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	31704	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	53927	14.53	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.04	166	206242	19.12	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	228266	17.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	5719	3.37	ng/ul	0.02
58) Fluorene-d10	15.64	176	177171	17.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	41132	19.34	ng/ul	0.00
71) Anthracene-d10	17.49	188	291507	19.50	ng/ul	0.00
79) Pyrene-d10	19.77	212	366911	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	356962	19.49	ng/ul	0.00

Target Compounds

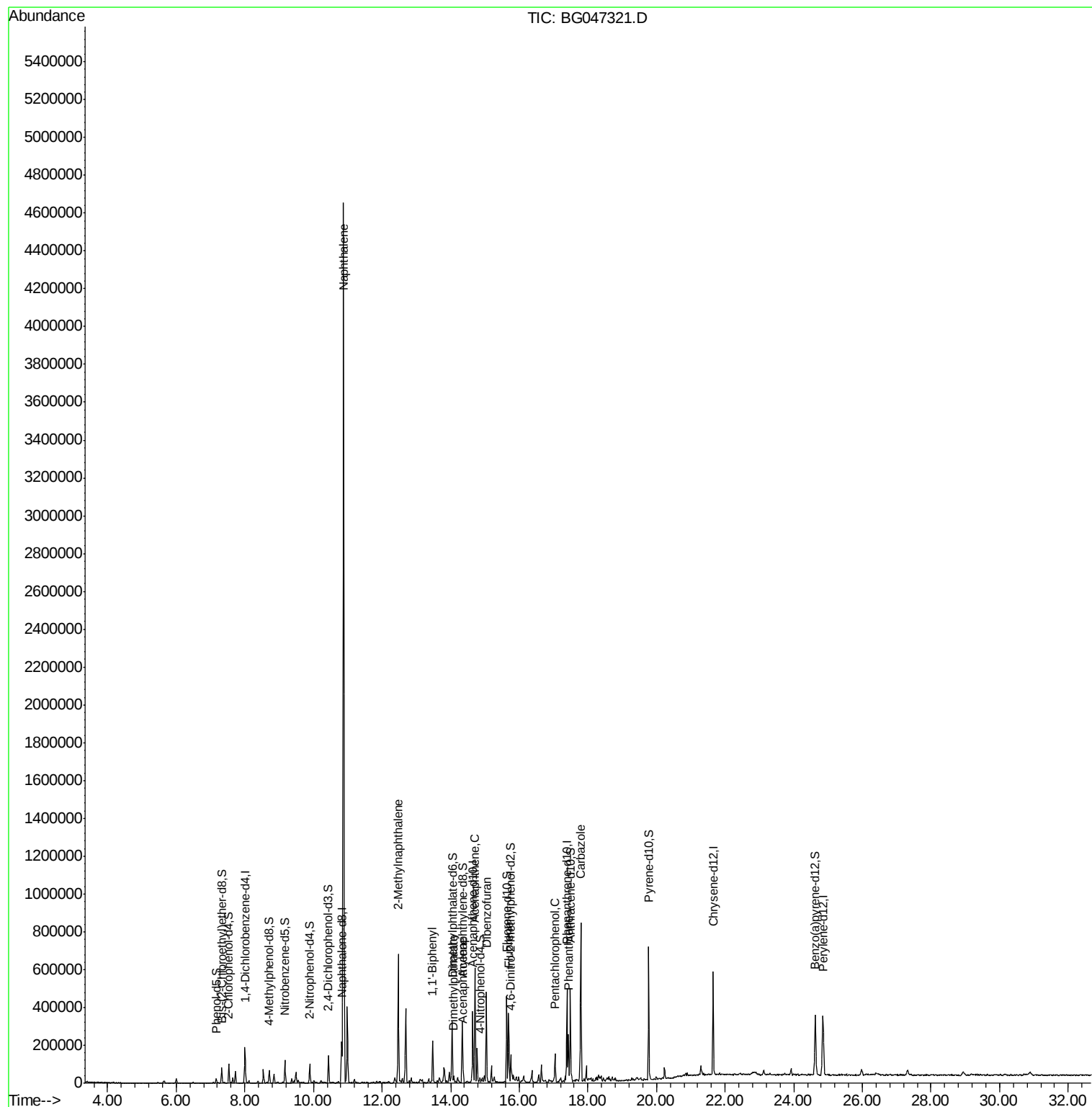
					Ovalue	
28) Naphthalene	10.88	128	3762960	344.752	ng/ul#	91
34) 2-Methylnaphthalene	12.48	142	308407	39.604	ng/ul	99
41) 1,1'-Biphenyl	13.47	154	112529	10.872	ng/ul	99
45) Dimethylphthalate	14.09	163	23324	2.155	ng/ul#	92
48) Acenaphthylene	14.37	152	35629	2.984	ng/ul	96
50) Acenaphthene	14.71	153	249857	28.928	ng/ul	99
54) Dibenzofuran	15.04	168	302138	24.037	ng/ul	95
59) Fluorene	15.69	166	165414	16.033	ng/ul	99
69) Pentachlorophenol	17.04	266	7963	3.224	ng/ul	96
70) Phenanthrene	17.43	178	152424	8.811	ng/ul	98
75) Carbazole	17.79	167	535155	40.071	ng/ul	97

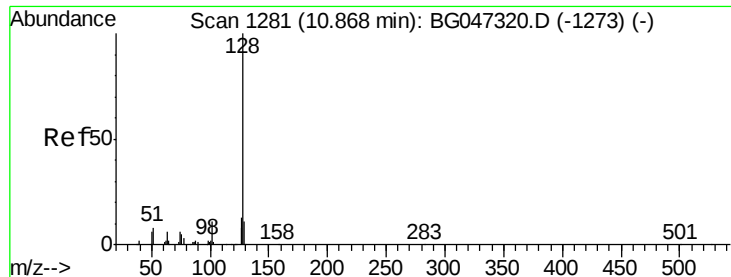
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGE5DL

Quant Time: Nov 13 10:23:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 344.752 ng/ul

RT: 10.88 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BG047321.D

Acq: 13 Nov 2020 9:14

Instrument :

BNA_G

ClientSampleId :

DBG5DL

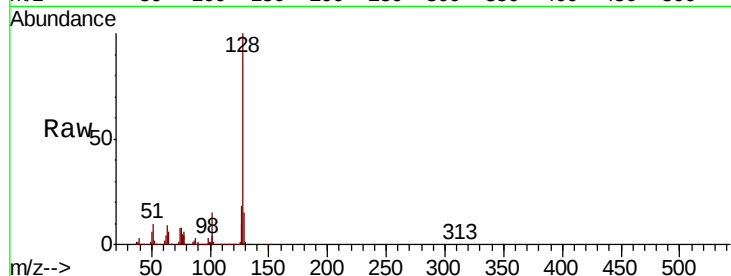
Tot Ion:128 Resp: 3762960

Ion Ratio Lower Upper

128 100

129 15.3 9.4 14.2#

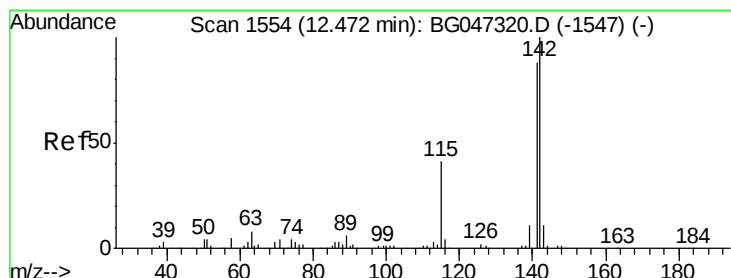
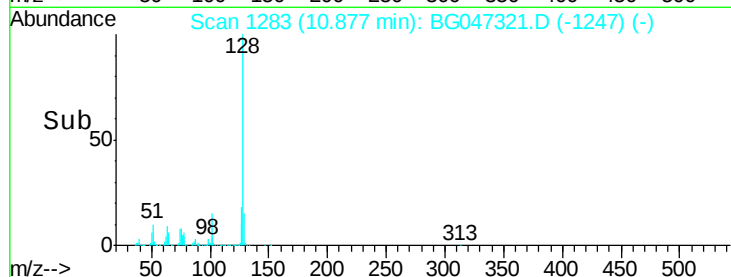
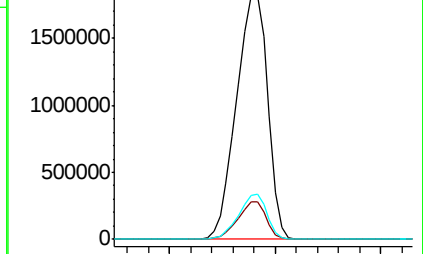
127 18.0 11.5 17.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 39.604 ng/ul

RT: 12.48 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BG047321.D

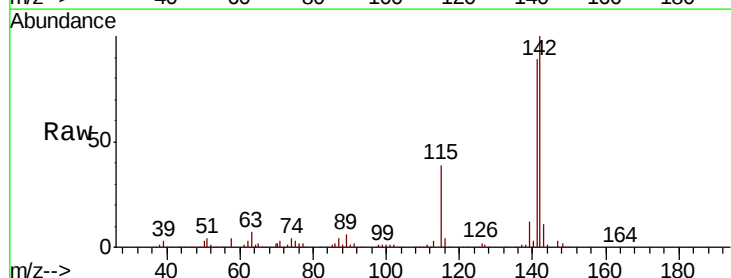
Acq: 13 Nov 2020 9:14

Tgt Ion:142 Resp: 308407

Ion Ratio Lower Upper

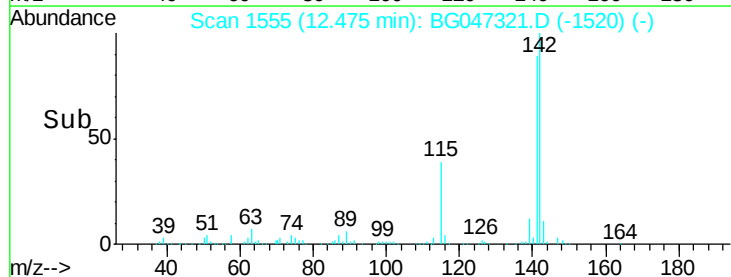
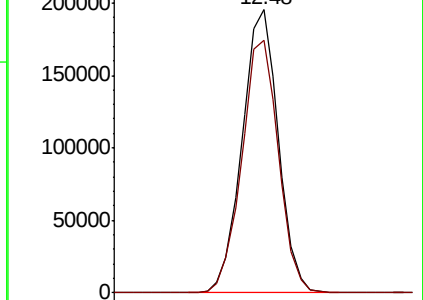
142 100

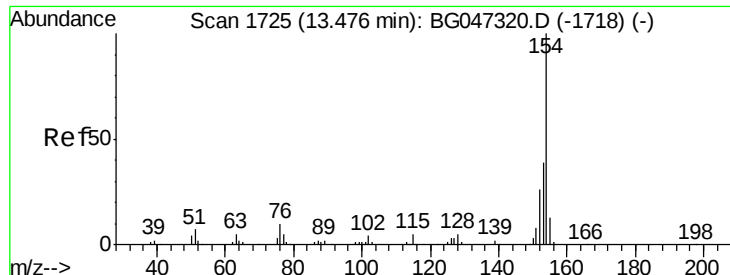
141 89.2 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

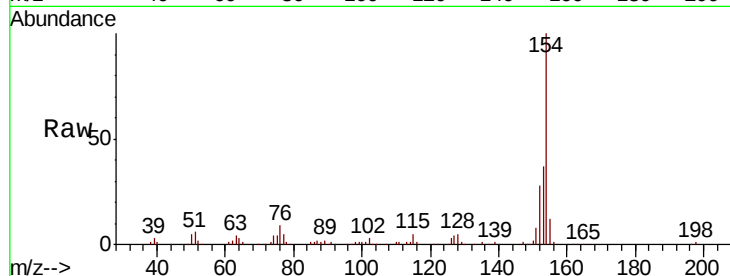




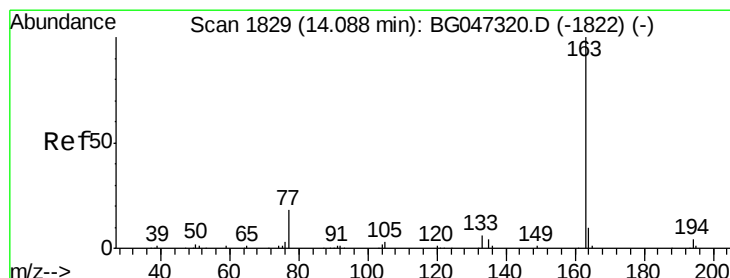
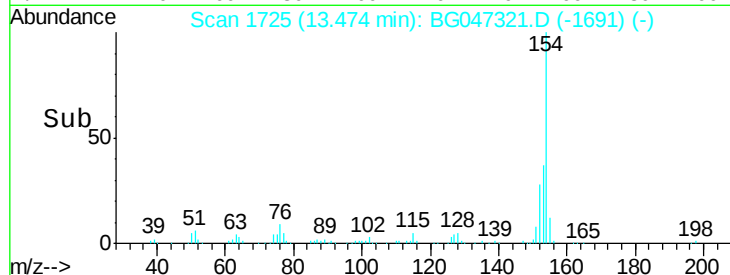
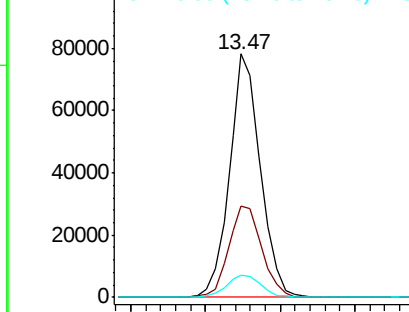
#41
 1,1'-Biphenyl
 Concen: 10.872 ng/ul
 RT: 13.47 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG047321.D
 Acq: 13 Nov 2020 9:14

Instrument :
 BNA_G
 ClientSampled :
 DBGE5DL

Tot Ion:154 Resp: 112529
 Ion Ratio Lower Upper
 154 100
 153 37.5 30.2 45.4
 76 9.2 7.8 11.6

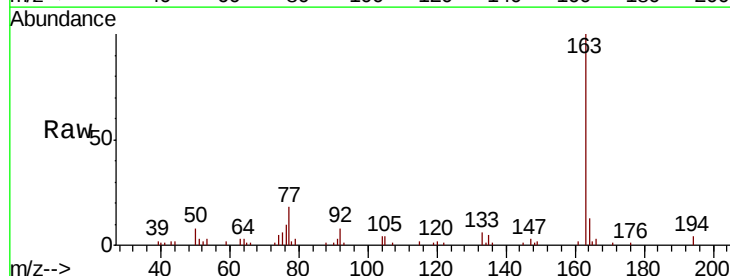


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

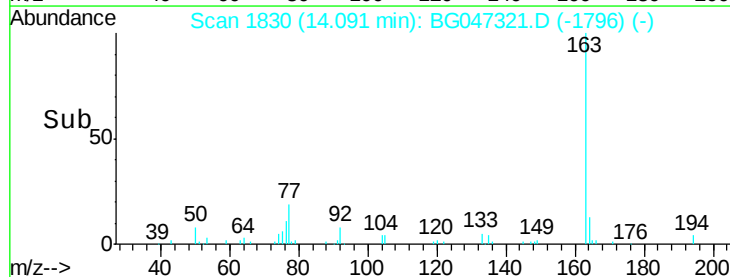
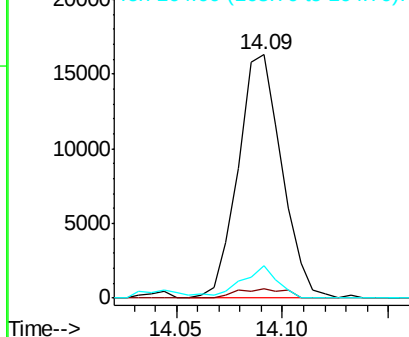


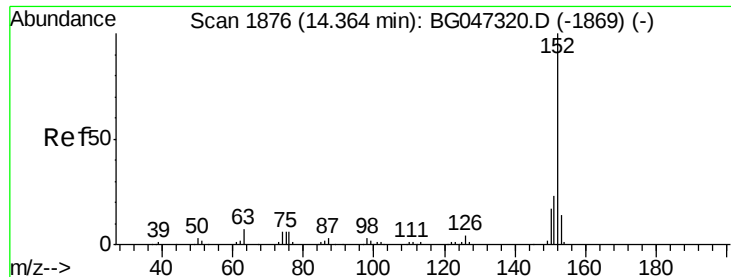
#45
 Dimethylphthalate
 Concen: 2.155 ng/ul
 RT: 14.09 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BG047321.D
 Acq: 13 Nov 2020 9:14

Tgt Ion:163 Resp: 23324
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 13.2 7.2 10.8#



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 2.984 ng/ul

RT: 14.37 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG047321.D

Acq: 13 Nov 2020 9:14

Instrument :

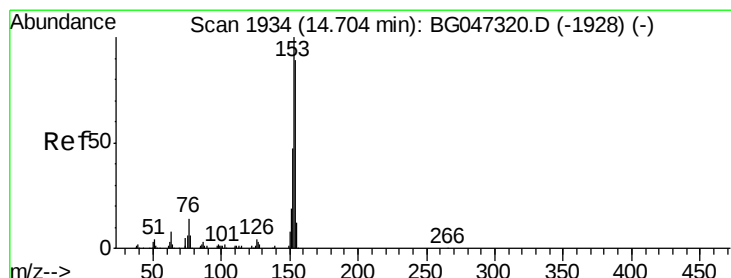
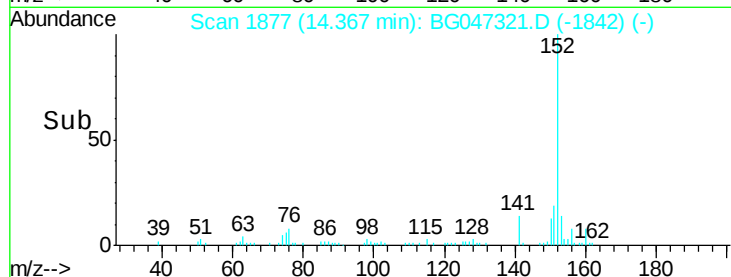
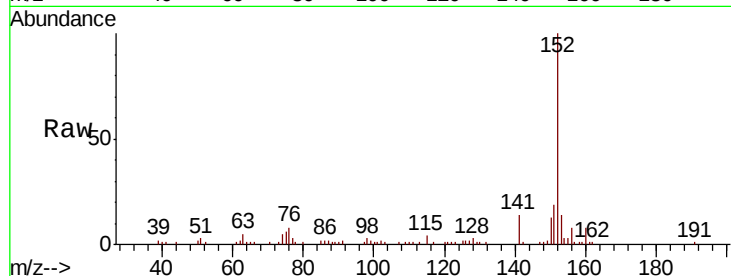
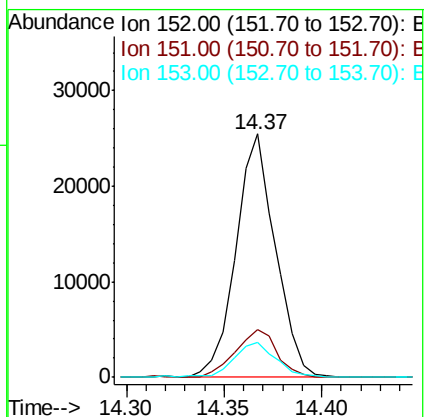
BNA_G

ClientSampleId :

DBG5DL

Tot Ion:152 Resp: 35629

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.4	26.2
153	14.1	10.2	15.4



#50

Acenaphthene

Concen: 28.928 ng/ul

RT: 14.71 min Scan# 1935

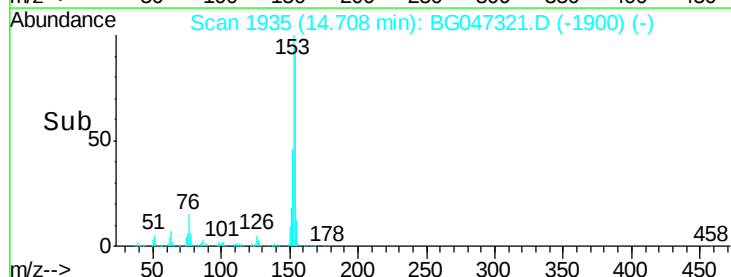
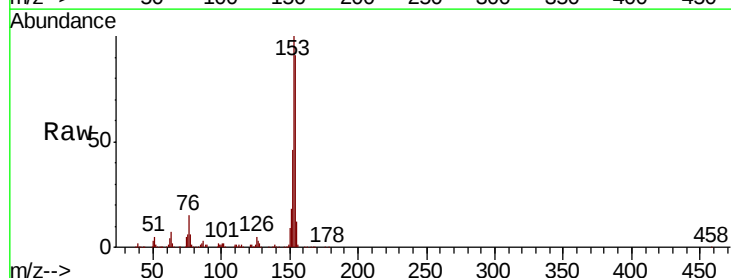
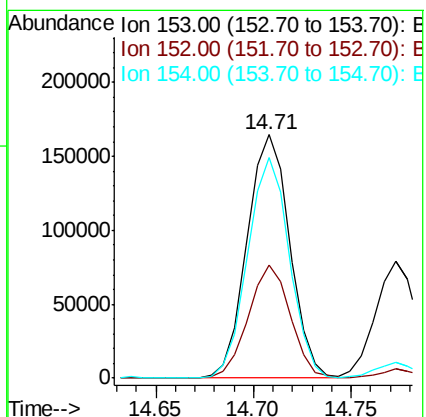
Delta R.T. 0.01 min

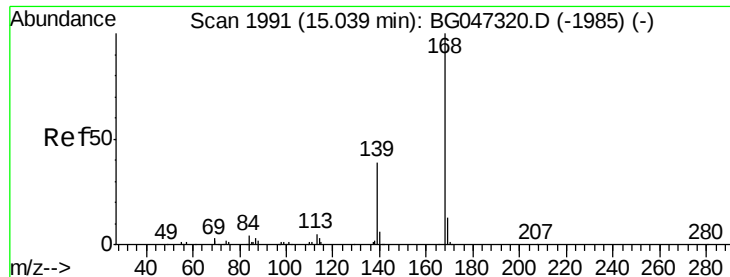
Lab File: BG047321.D

Acq: 13 Nov 2020 9:14

Tgt Ion:153 Resp: 249857

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.0	55.4
154	90.6	74.0	111.0





#54

Dibenzenofuran

Concen: 24.037 ng/ul

RT: 15.04 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG047321.D

Acq: 13 Nov 2020 9:14

Instrument :

BNA_G

ClientSampleId :

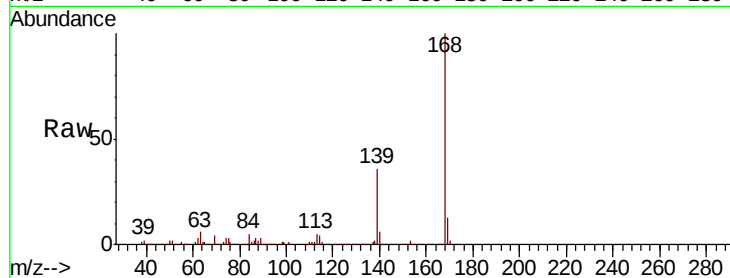
DBGE5DL

Tot Ion:168 Resp: 302138

Ion Ratio Lower Upper

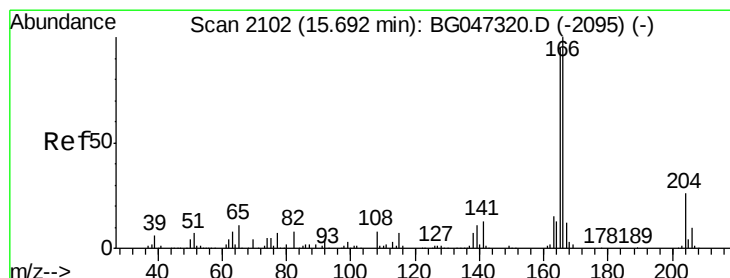
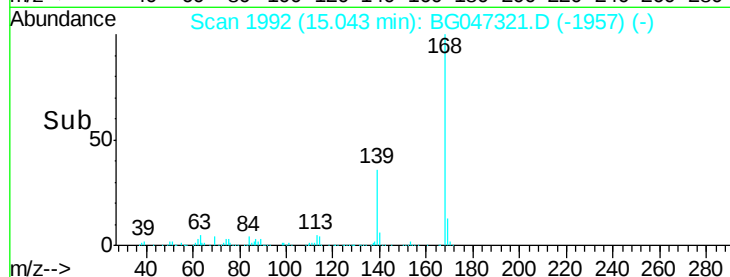
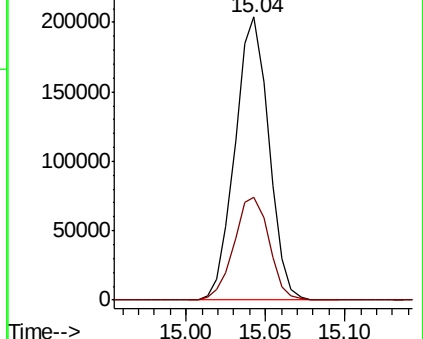
168 100

139 36.4 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 16.033 ng/ul

RT: 15.69 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BG047321.D

Acq: 13 Nov 2020 9:14

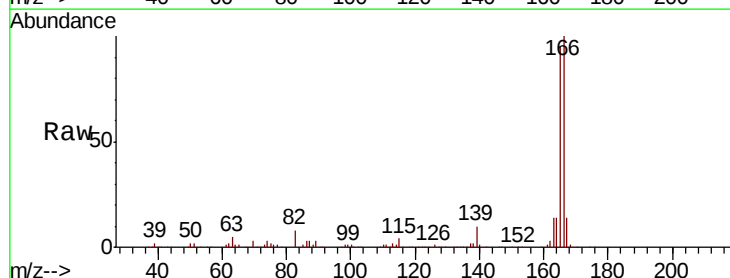
Tgt Ion:166 Resp: 165414

Ion Ratio Lower Upper

166 100

165 94.8 76.2 114.4

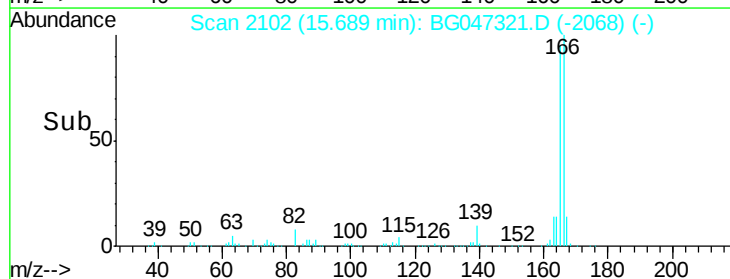
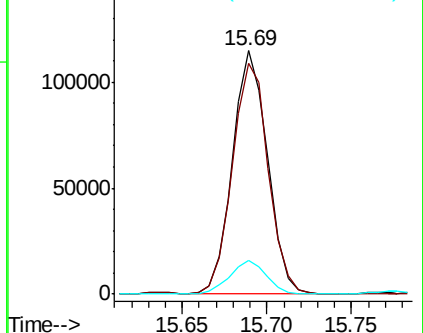
167 14.0 10.4 15.6

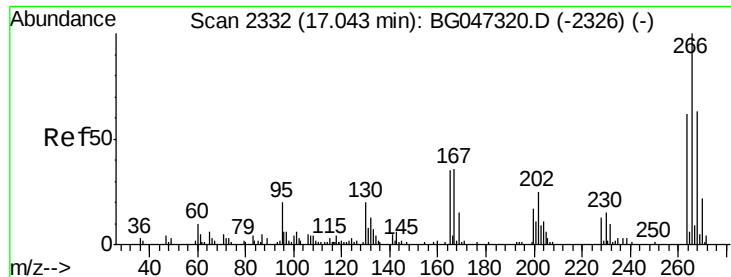


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

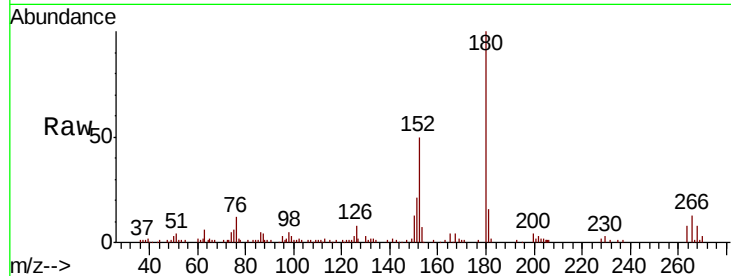




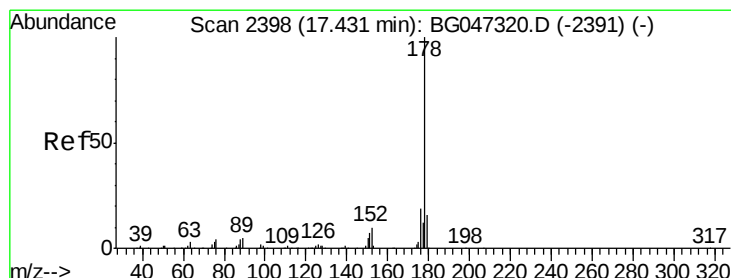
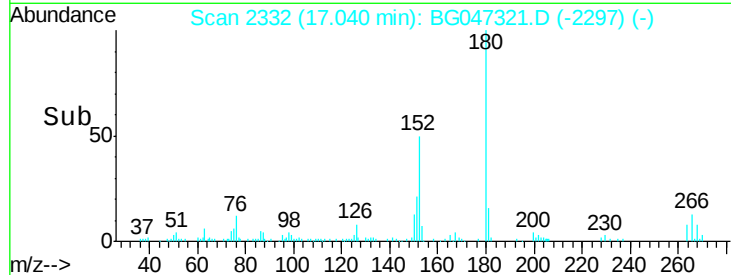
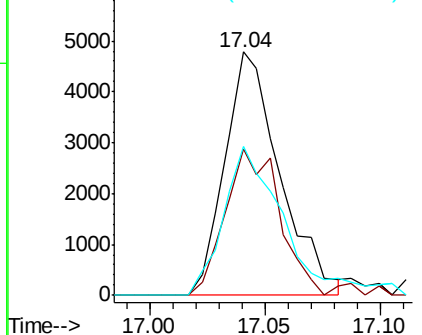
#69
 Pentachlorophenol
 Concen: 3.224 ng/ul
 RT: 17.04 min Scan# 2332
 Delta R.T. 0.01 min
 Lab File: BG047321.D
 Acq: 13 Nov 2020 9:14

Instrument :
 BNA_G
 ClientSampleId :
 DBGE5DL

Tot Ion:266 Resp: 7963
 Ion Ratio Lower Upper
 266 100
 264 60.0 52.2 78.2
 268 60.9 49.7 74.5

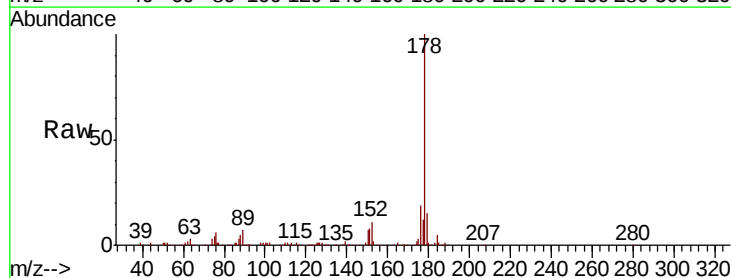


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

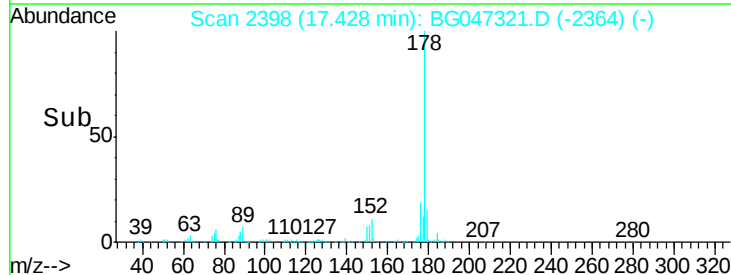
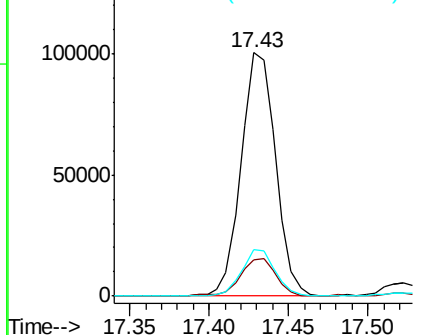


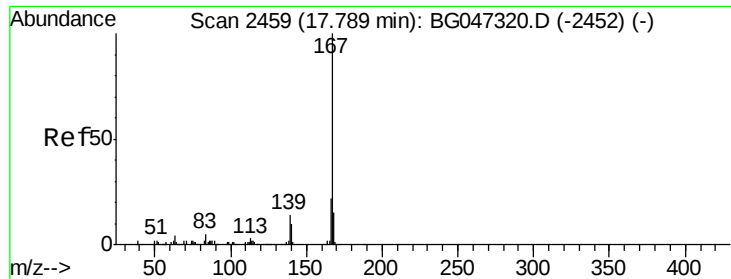
#70
 Phenanthrene
 Concen: 8.811 ng/ul
 RT: 17.43 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BG047321.D
 Acq: 13 Nov 2020 9:14

Tgt Ion:178 Resp: 152424
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.4
 176 19.0 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#75
 Carbazole
 Concen: 40.071 ng/ul
 RT: 17.79 min Scan# 2460
 Delta R.T. 0.01 min
 Lab File: BG047321.D
 Acq: 13 Nov 2020 9:14

Instrument :
 BNA_G
 ClientSampleId :
 DBGE5DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.4	26.0
139	13.4	10.5	15.7

