

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
 Data File : BG047313.D
 Acq On : 12 Nov 2020 19:19
 Operator : CG/JU
 Sample : L4726-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGE4

Quant Time: Nov 13 03:19:11 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	8.01	152	45081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	180365	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	128762	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	292517	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	277668	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	289072	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	5306	4.75	ng/uL	0.00
5) Phenol-d5	7.17	99	31259	7.99	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	73814	32.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	84372	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	57159	18.31	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	54088	35.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	65366	37.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	111974	32.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	12201	4.15	ng/ul	0.01
44) Dimethylphthalate-d6	14.04	166	404839	38.24	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	465338	37.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	13469	8.08	ng/ul	0.02
58) Fluorene-d10	15.64	176	355589	36.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	85670	42.47	ng/ul	0.00
71) Anthracene-d10	17.49	188	582557	41.09	ng/ul	0.00
79) Pyrene-d10	19.77	212	658955	41.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	639680	40.25	ng/ul	0.02

Target Compounds

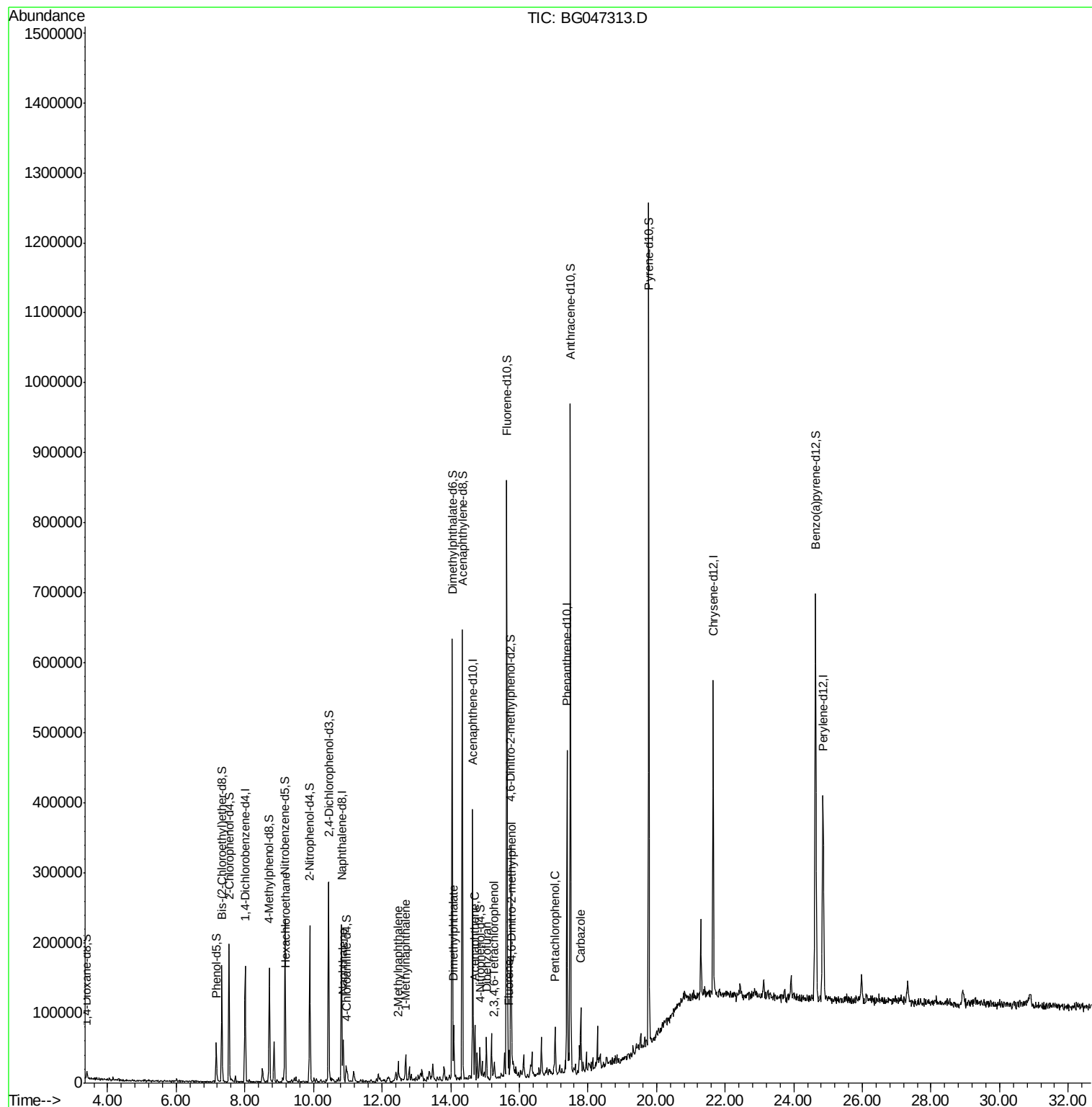
					Ovalue	
17) Hexachloroethane	9.19	117	1927	1.382	ng/ul#	1
28) Naphthalene	10.87	128	48508	4.787	ng/ul	95
34) 2-Methylnaphthalene	12.48	142	11749	1.625	ng/ul	85
35) 1-Methylnaphthalene	12.69	142	12183	1.438	ng/uL#	95
45) Dimethylphthalate	14.09	163	46044	4.334	ng/ul	96
50) Acenaphthene	14.71	153	33288	3.926	ng/ul	94
54) Dibenzofuran	15.04	168	32373	2.624	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.27	232	7229	2.197	ng/ul#	81
59) Fluorene	15.70	166	16278	1.607	ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.78	198	10017	4.817	ng/ul#	69
69) Pentachlorophenol	17.04	266	9503	4.058	ng/ul#	84
75) Carbazole	17.79	167	56631	4.471	ng/ul	98

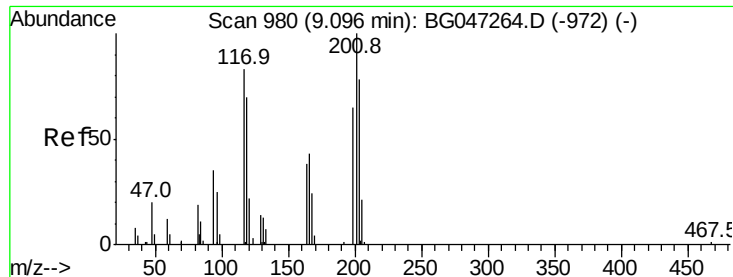
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.382 ng/ul

RT: 9.19 min Scan# 996

Delta R.T. 0.09 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

Instrument :

BNA_G

ClientSampleId :

DBGE4

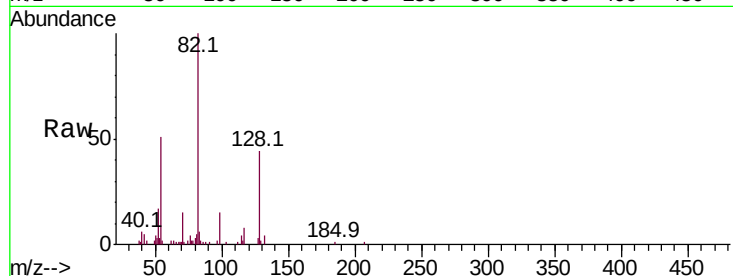
Tot Ion:117 Resp: 1927

Ion Ratio Lower Upper

117 100

201 0.0 96.5 144.7#

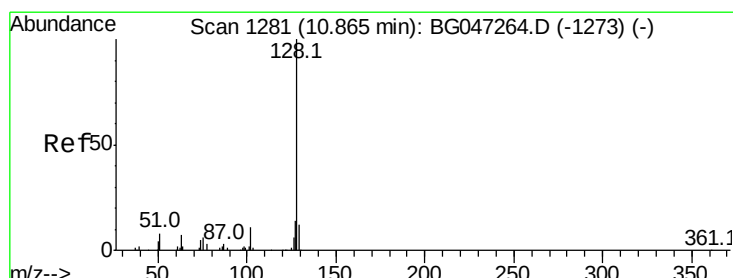
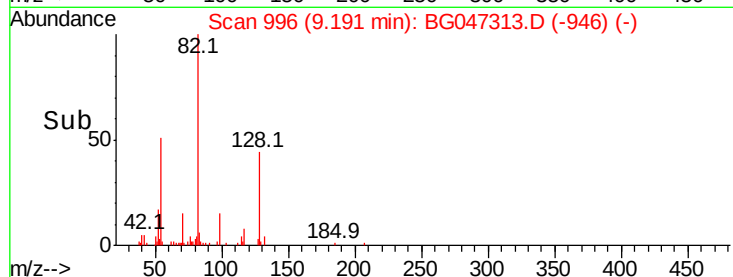
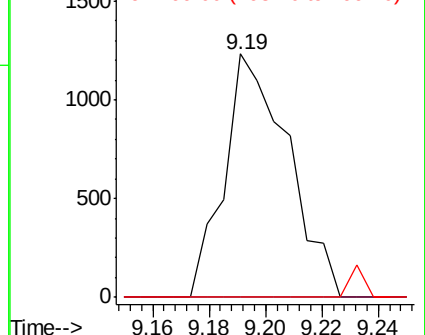
199 0.0 62.4 93.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 4.787 ng/ul

RT: 10.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

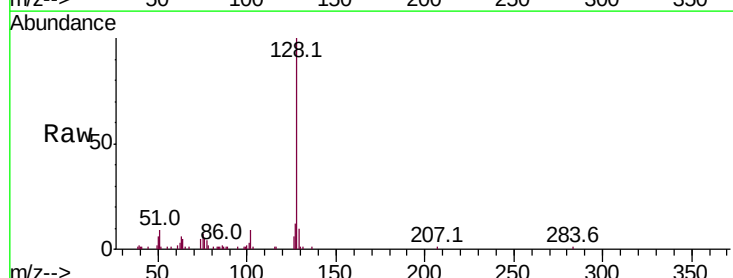
Tgt Ion:128 Resp: 48508

Ion Ratio Lower Upper

128 100

129 10.3 9.4 14.2

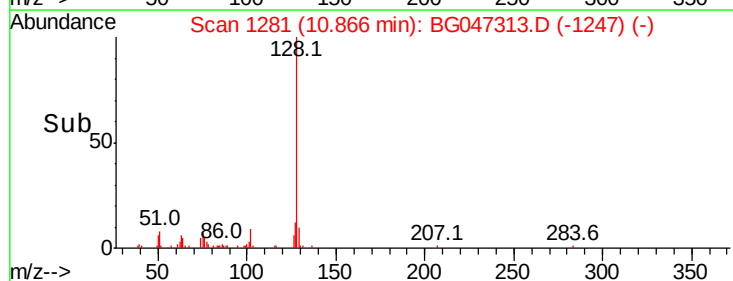
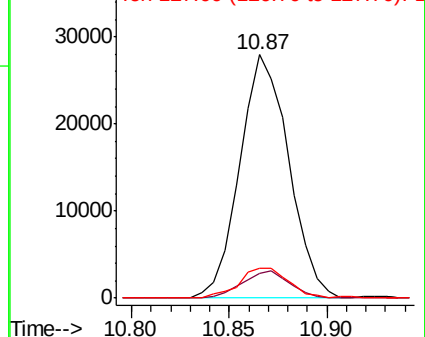
127 12.0 11.5 17.3

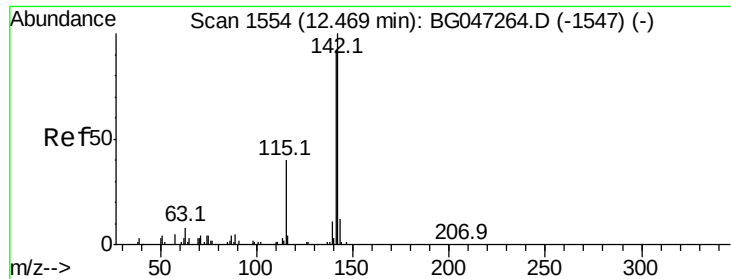


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 1.625 ng/uL

RT: 12.48 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

Instrument :

BNA_G

ClientSampleId :

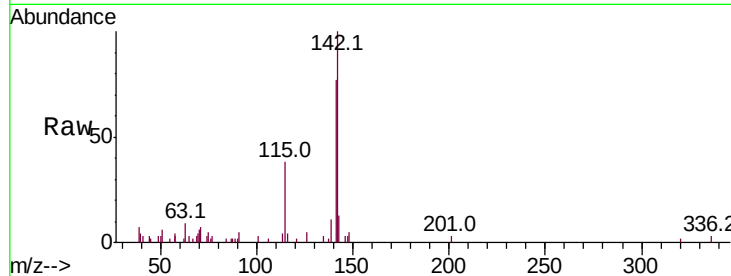
DBGE4

Tot Ion:142 Resp: 11749

Ion Ratio Lower Upper

142 100

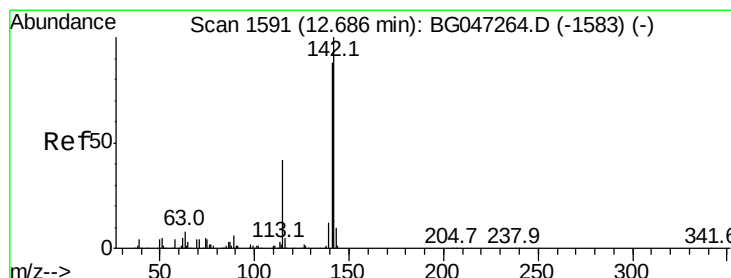
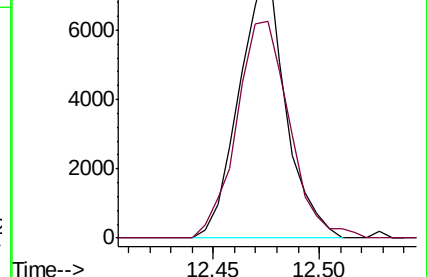
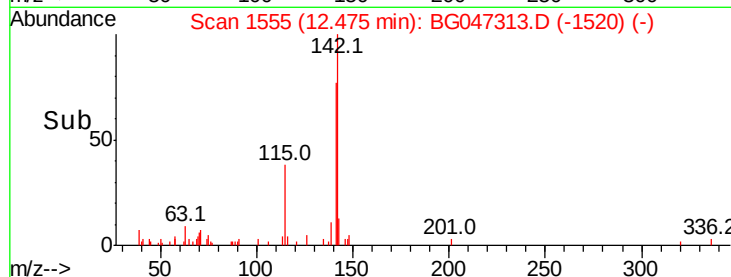
141 76.8 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.48



#35

1-Methylnaphthalene

Concen: 1.438 ng/uL

RT: 12.69 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

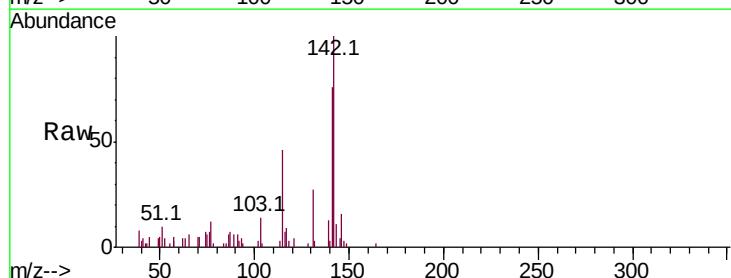
Tgt Ion:142 Resp: 12183

Ion Ratio Lower Upper

142 100

141 87.6 73.9 110.9

116 5.9 3.6 5.4#

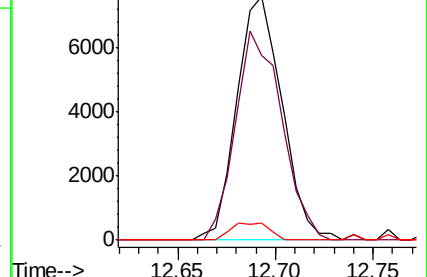
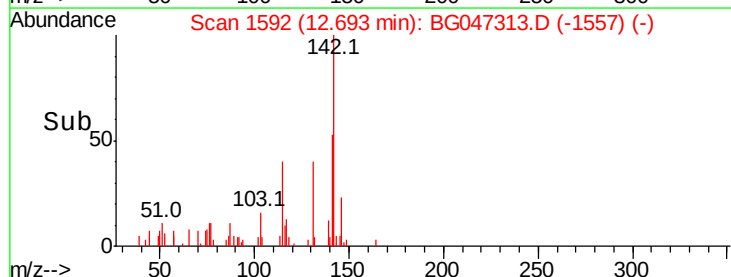


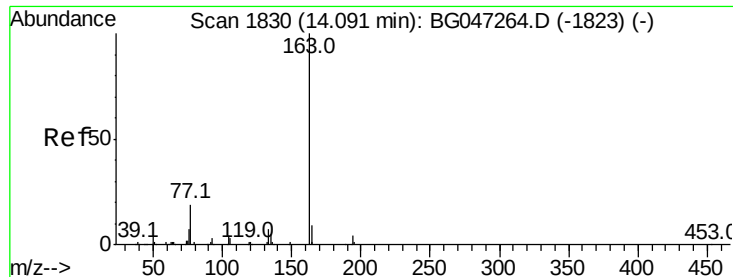
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.69





#45

Dimethylphthalate

Concen: 4.334 ng/ul

RT: 14.09 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

Instrument :

BNA_G

ClientSampleId :

DBGE4

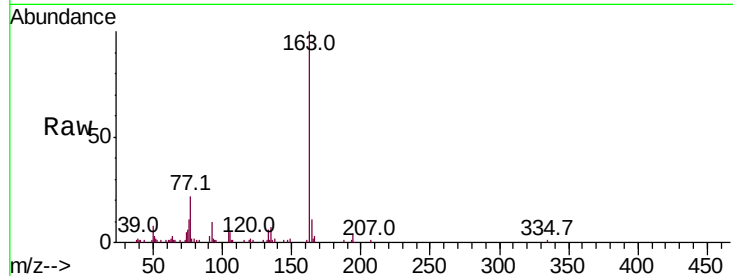
Tot Ion:163 Resp: 46044

Ion Ratio Lower Upper

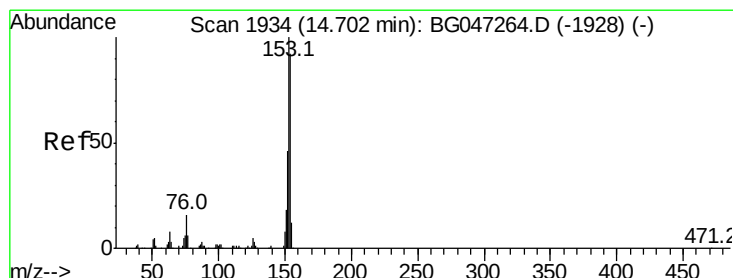
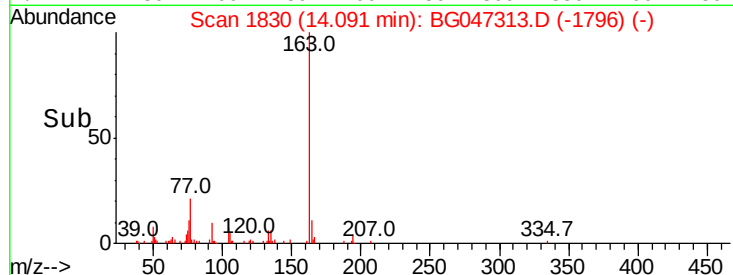
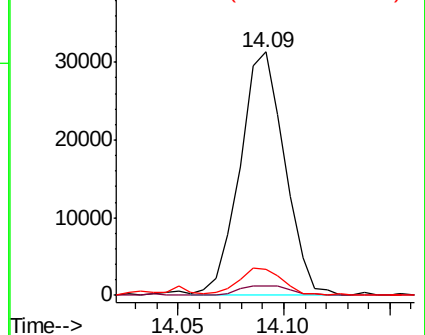
163 100

194 3.9 3.4 5.0

164 10.7 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



#50

Acenaphthene

Concen: 3.926 ng/ul

RT: 14.71 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

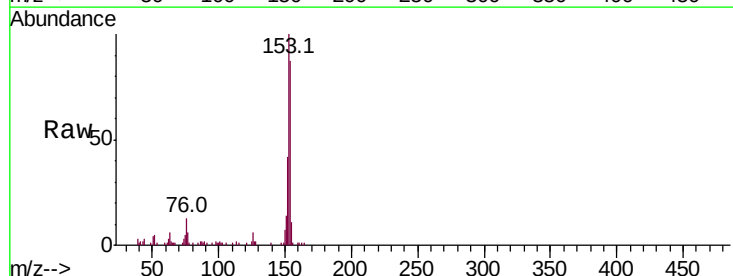
Tgt Ion:153 Resp: 33288

Ion Ratio Lower Upper

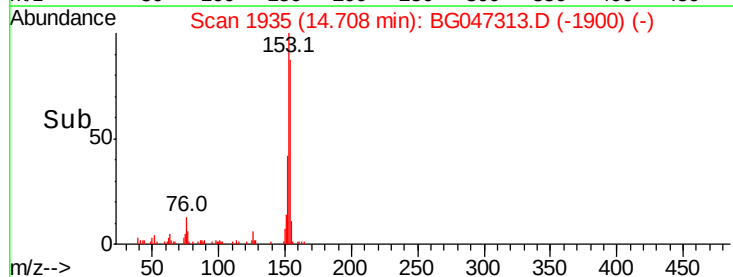
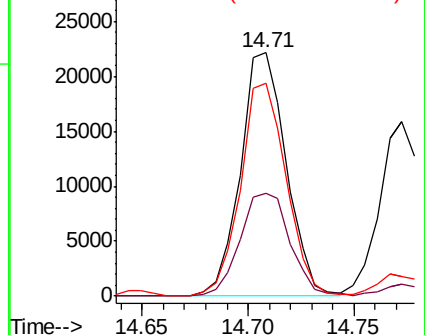
153 100

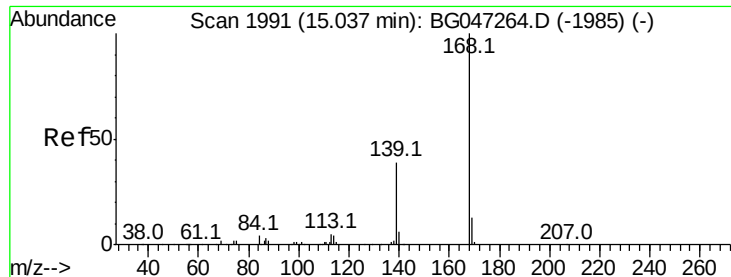
152 42.0 37.0 55.4

154 87.2 74.0 111.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.624 ng/ul

RT: 15.04 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

Instrument :

BNA_G

ClientSampleId :

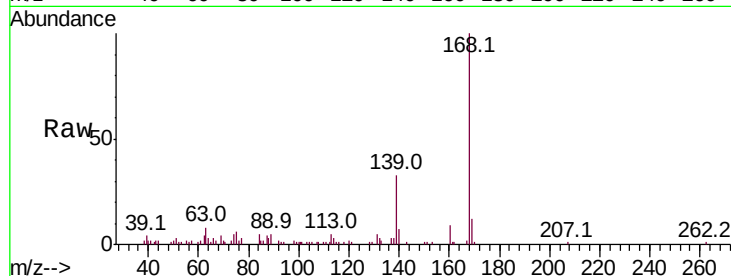
DBGE4

Tot Ion:168 Resp: 32373

Ion Ratio Lower Upper

168 100

139 33.1 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

20000

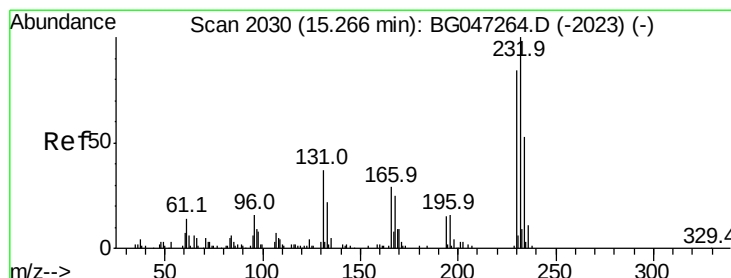
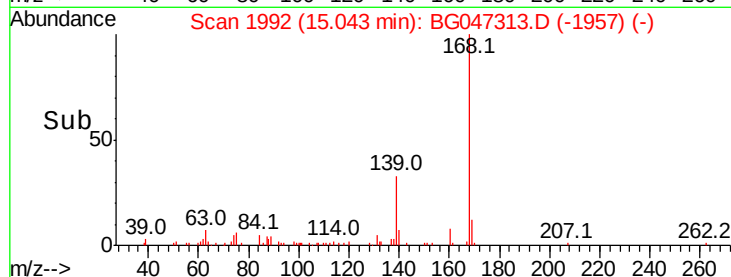
15000

10000

5000

0

Time--> 15.00 15.05 15.10



#56

2,3,4,6-Tetrachlorophenol

Concen: 2.197 ng/ul

RT: 15.27 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

Tgt Ion:232 Resp: 7229

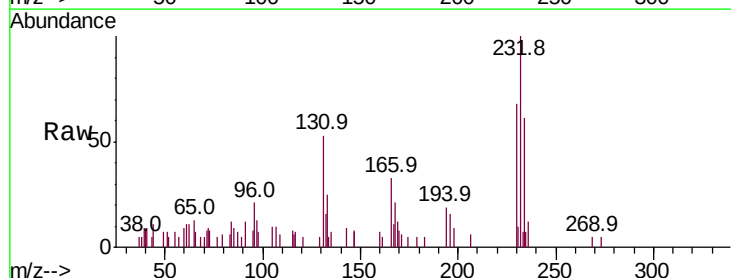
Ion Ratio Lower Upper

232 100

131 52.9 29.2 43.8#

130 0.0 2.2 3.2#

166 33.5 23.1 34.7



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

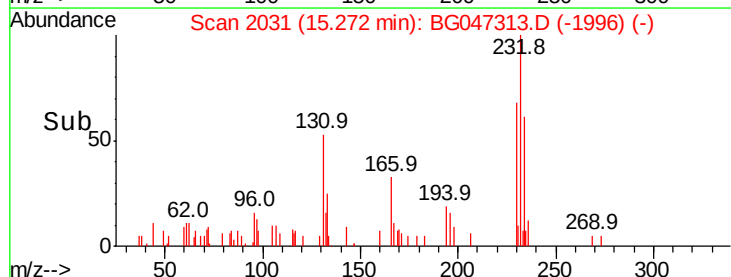
15000

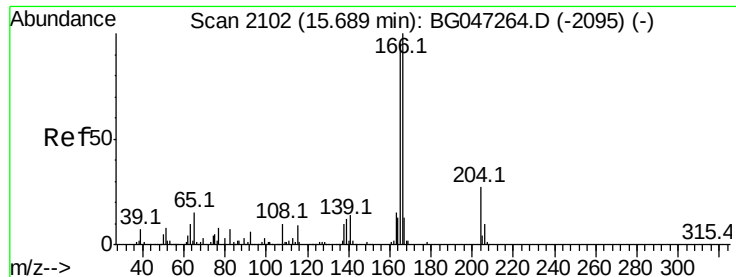
10000

5000

0

Time--> 15.20 15.25 15.30 15.35





#59

Fluorene

Concen: 1.607 ng/ul

RT: 15.70 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

Instrument :

BNA_G

ClientSampleId :

DBGE4

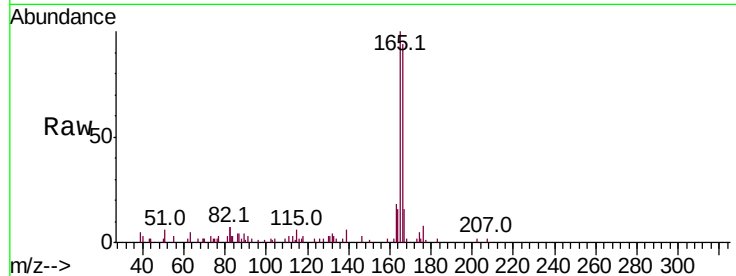
Tot Ion:166 Resp: 16278

Ion Ratio Lower Upper

166 100

165 106.7 76.2 114.4

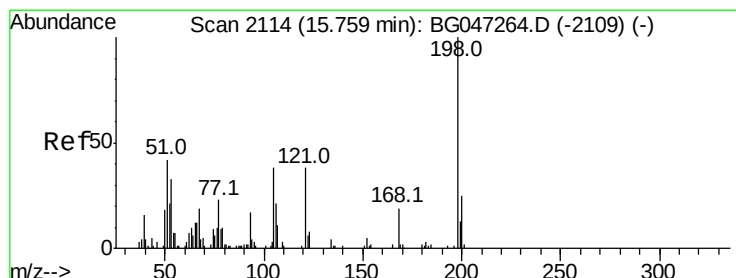
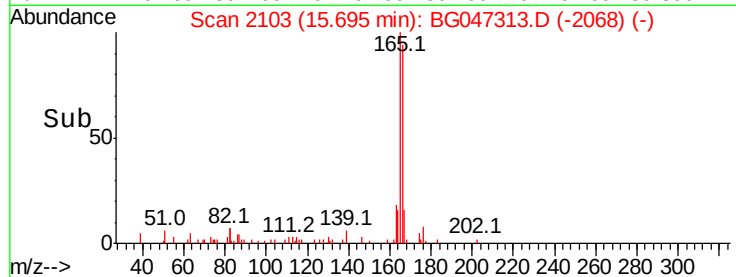
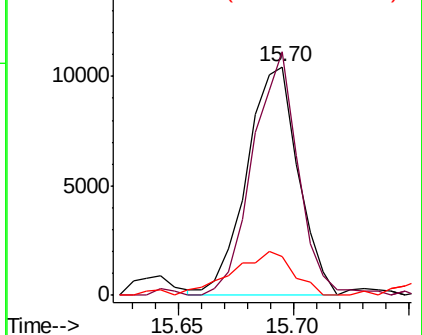
167 17.0 10.4 15.6#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.817 ng/ul

RT: 15.78 min Scan# 2117

Delta R.T. 0.02 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

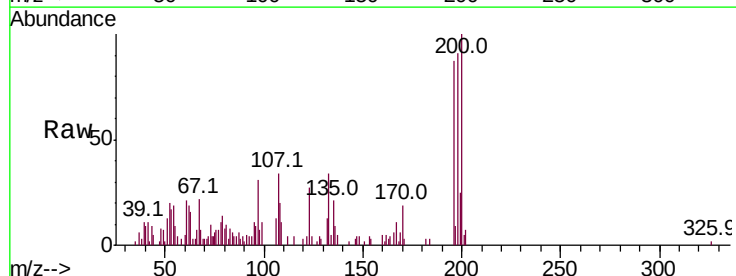
Tgt Ion:198 Resp: 10017

Ion Ratio Lower Upper

198 100

182 2.9 2.2 3.4

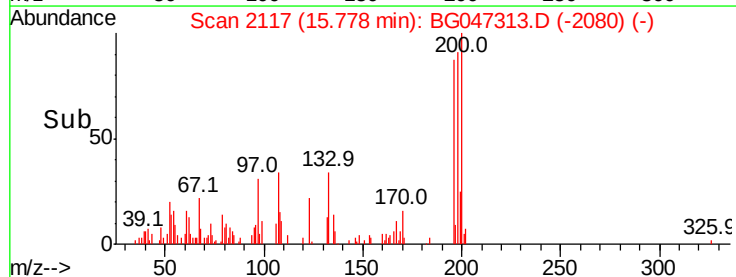
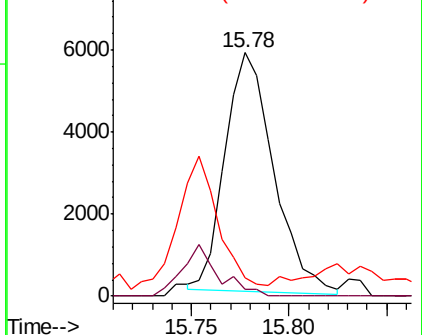
77 7.6 19.6 29.4#

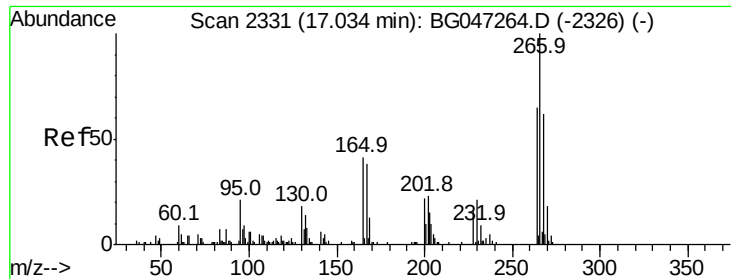


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC





#69

Pentachlorophenol

Concen: 4.058 ng/ul

RT: 17.04 min Scan# 2332

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

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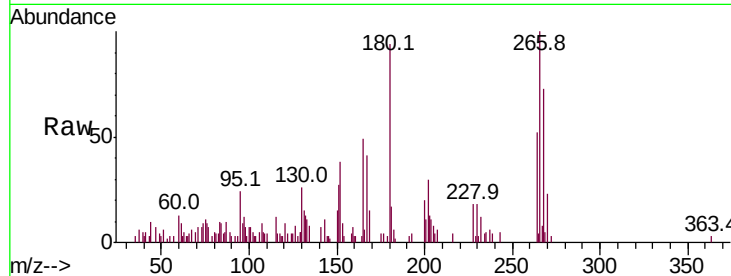
Tot Ion:266 Resp: 9503

Ion Ratio Lower Upper

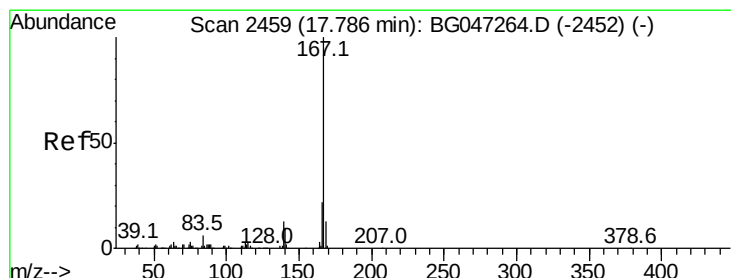
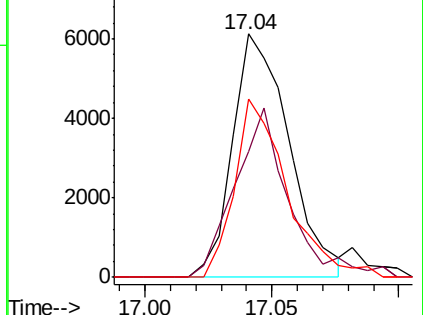
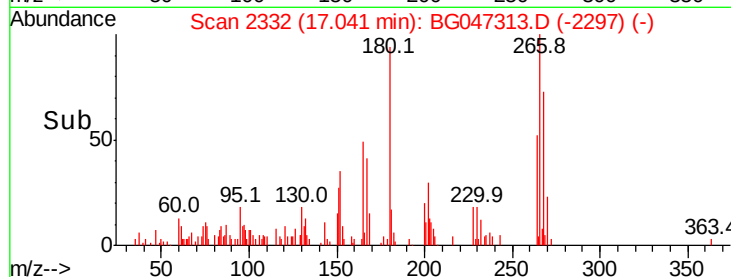
266 100

264 51.6 52.2 78.2#

268 73.3 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



#75

Carbazole

Concen: 4.471 ng/ul

RT: 17.79 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BG047313.D

Acq: 12 Nov 2020 19:19

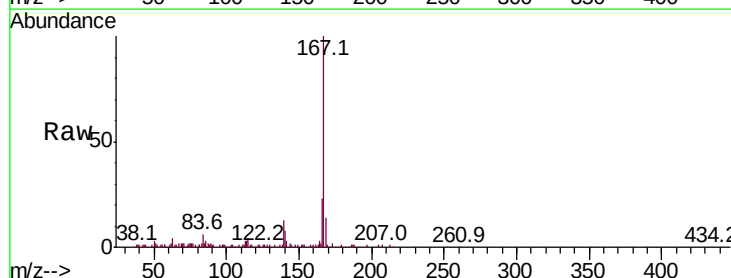
Tgt Ion:167 Resp: 56631

Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

139 12.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

