

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
 Data File : BG047316.D
 Acq On : 12 Nov 2020 21:20
 Operator : CG/JU
 Sample : L4726-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGE5

Quant Time: Nov 13 03:19:26 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	48237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	193661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	129564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	304715	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	293343	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	315438	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	5197	4.35	ng/uL	0.00
5) Phenol-d5	7.17	99	28256	6.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	79643	33.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	86812	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	55956	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	55956	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	65717	34.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.44	165	118935	32.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	13560	4.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	429001	40.27	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	483586	38.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	12602	7.51	ng/ul	0.02
58) Fluorene-d10	15.64	176	377936	38.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	93292	44.39	ng/ul	0.00
71) Anthracene-d10	17.49	188	607012	41.10	ng/ul	0.00
79) Pyrene-d10	19.77	212	722516	43.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	708415	40.85	ng/ul	0.01

Target Compounds

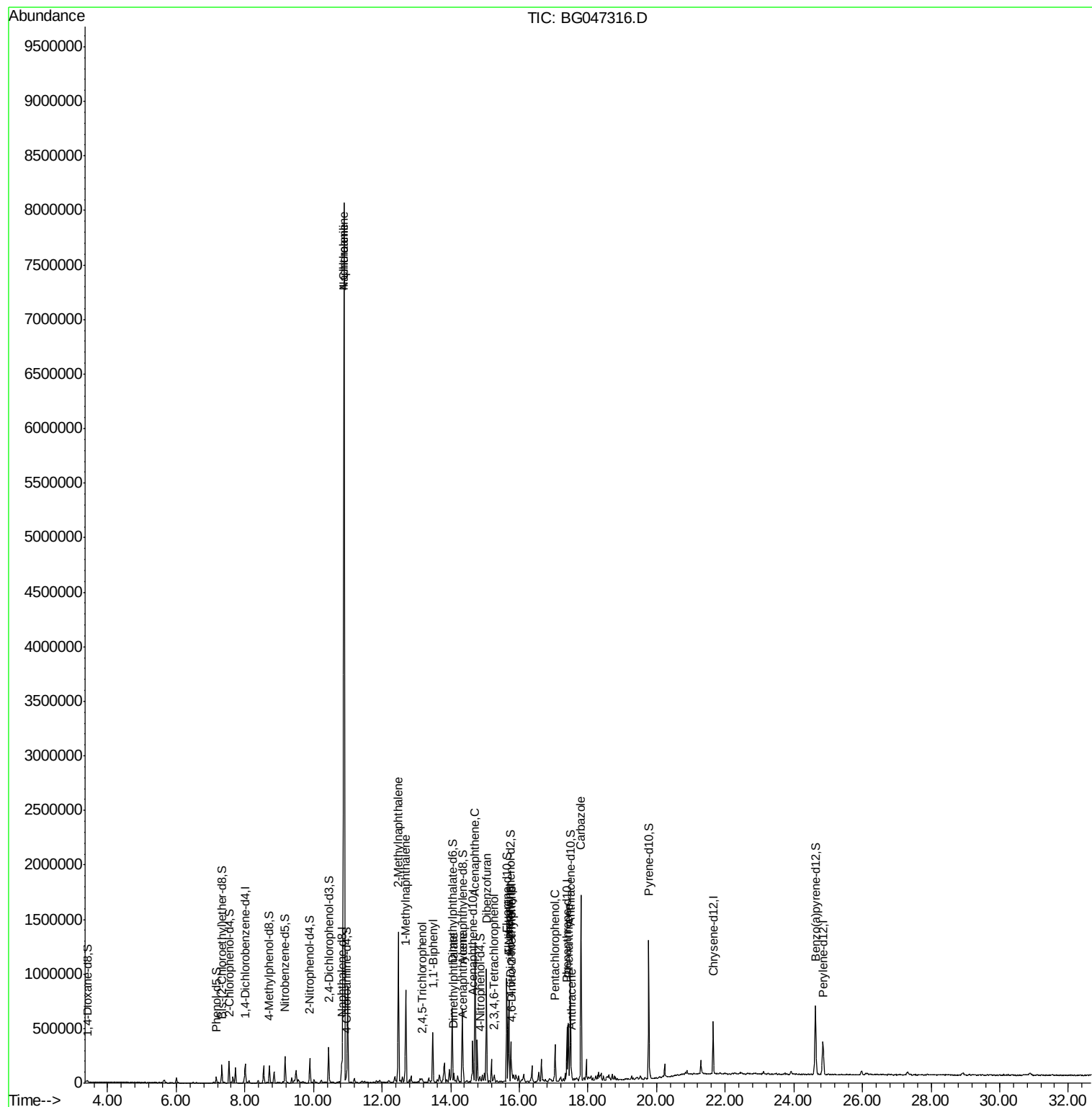
					Ovalue	
28) Naphthalene	10.89	128	6524034	599.655	ng/ul#	71
30) 4-Chloroaniline	10.89	127	1389540	463.018	ng/ul#	3
34) 2-Methylnaphthalene	12.47	142	657498	84.706	ng/ul	99
35) 1-Methylnaphthalene	12.69	142	376275	41.370	ng/uL	99
40) 2,4,5-Trichlorophenol	13.16	196	6247	1.981	ng/ul#	78
41) 1,1'-Biphenyl	13.48	154	239481	23.428	ng/ul	95
45) Dimethylphthalate	14.09	163	51876	4.852	ng/ul#	99
48) Acenaphthylene	14.37	152	73728	6.253	ng/ul	98
50) Acenaphthene	14.71	153	521475	61.129	ng/ul	98
54) Dibenzofuran	15.04	168	637417	51.345	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.27	232	14979	4.524	ng/ul#	91
59) Fluorene	15.69	166	344581	33.816	ng/ul	99
61) 4-Nitroaniline	15.69	138	3871	2.210	ng/ul#	14
64) 4,6-Dinitro-2-methylphenol	15.78	198	20287	9.364	ng/ul#	59
69) Pentachlorophenol	17.05	266	18638	7.639	ng/ul	96
70) Phenanthrene	17.43	178	311828	18.246	ng/ul	98
72) Anthracene	17.53	178	19653	1.144	ng/ul	96
75) Carbazole	17.80	167	1065170	80.735	ng/ul	97

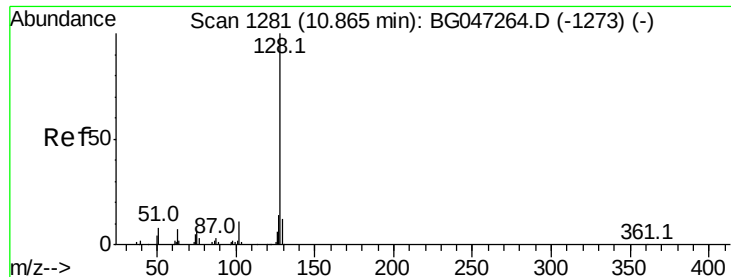
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGE5

Quant Time: Nov 13 03:19:26 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: 599.655 ng/ul

RT: 10.89 min Scan# 1286

Delta R.T. 0.03 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

BNA_G

ClientSampleId :

DBG5

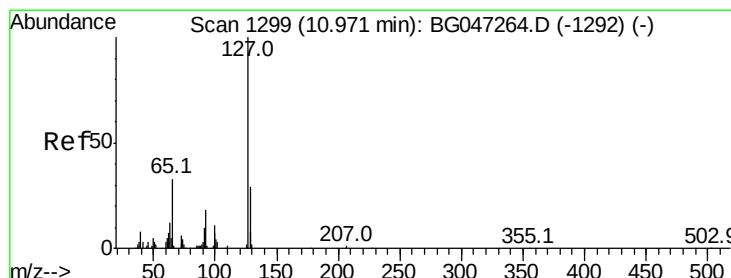
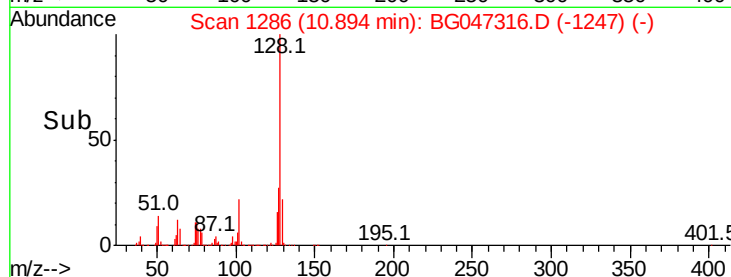
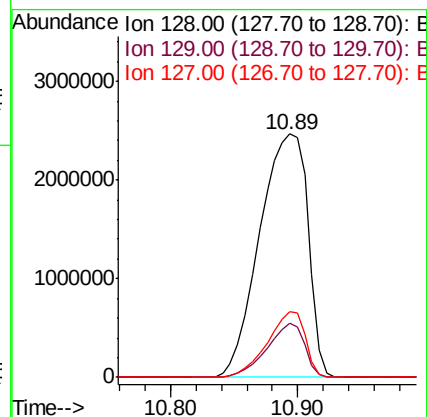
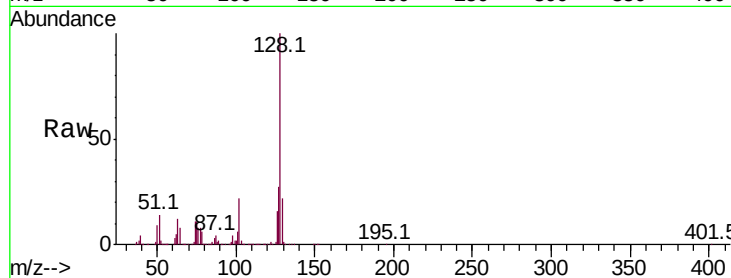
Tot Ion:128 Resp: 6524034

Ion Ratio Lower Upper

128 100

129 22.2 9.4 14.2#

127 27.2 11.5 17.3#



#30

4-Chloroaniline

Concen: 463.018 ng/ul

RT: 10.89 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BG047316.D

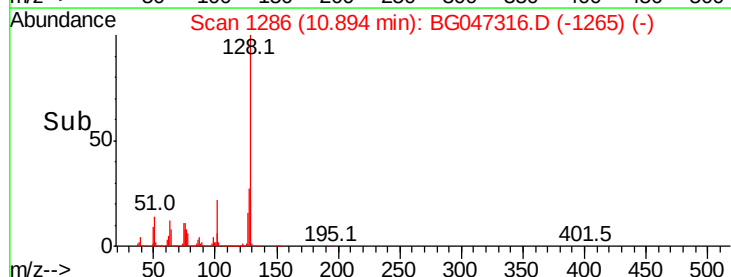
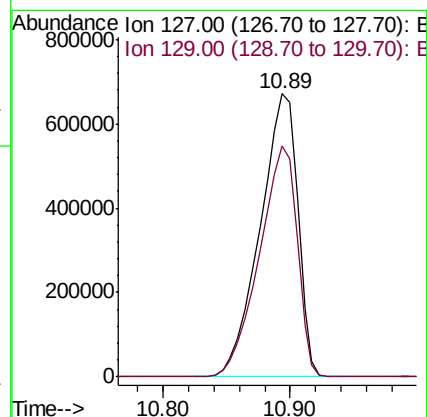
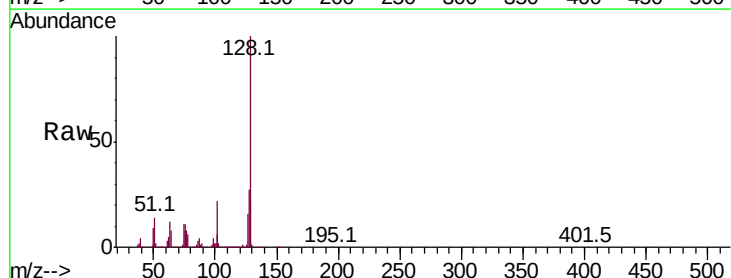
Acq: 12 Nov 2020 21:20

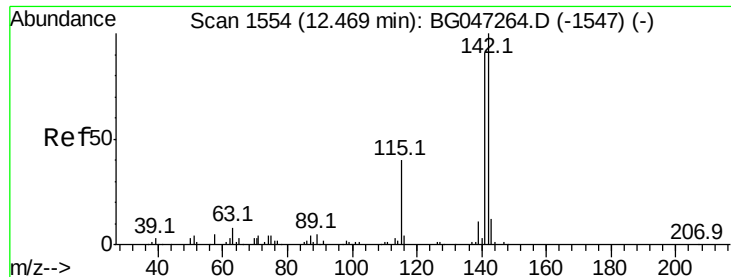
Tgt Ion:127 Resp: 1389540

Ion Ratio Lower Upper

127 100

129 81.7 23.5 35.3#





#34

2-Methylnaphthalene

Concen: 84.706 ng/uL

RT: 12.47 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

BNA_G

ClientSampleId :

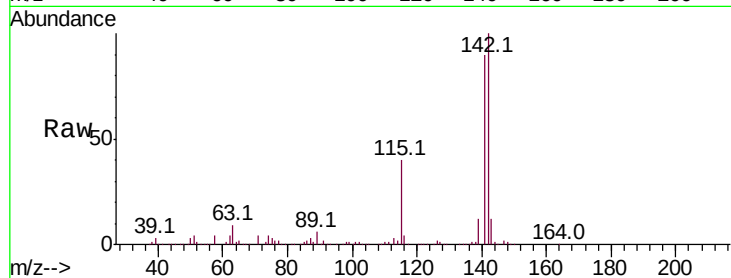
DBGE5

Tot Ion:142 Resp: 657498

Ion Ratio Lower Upper

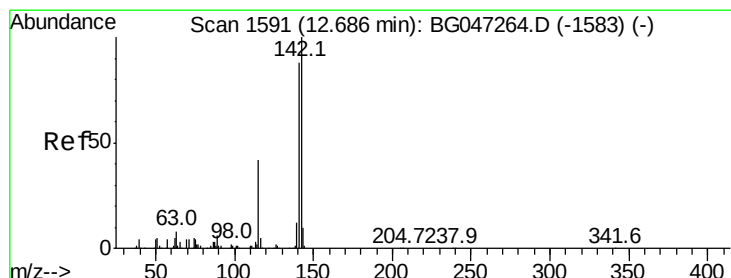
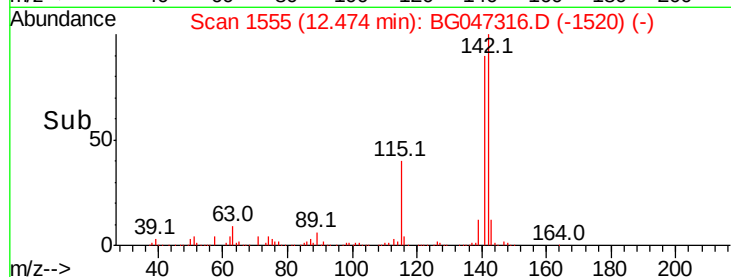
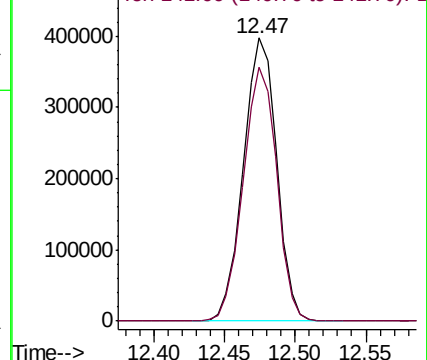
142 100

141 89.9 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 41.370 ng/uL

RT: 12.69 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

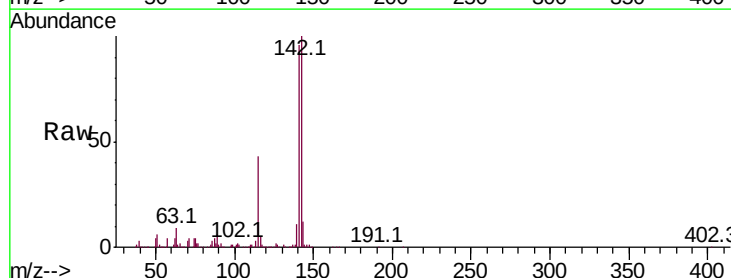
Tgt Ion:142 Resp: 376275

Ion Ratio Lower Upper

142 100

141 93.8 73.9 110.9

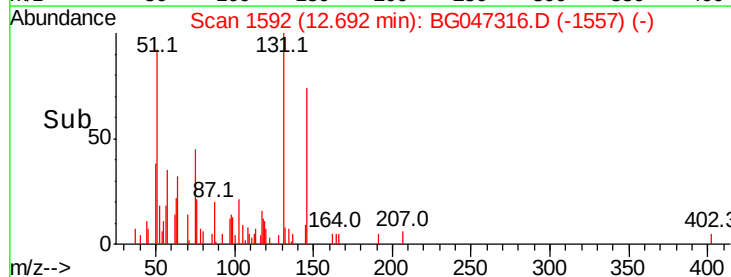
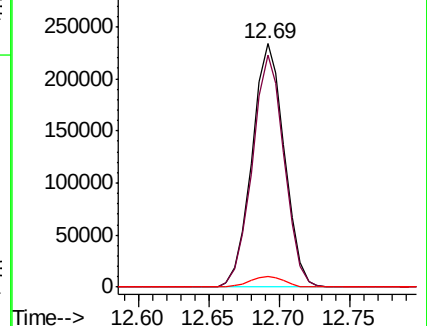
116 4.6 3.6 5.4

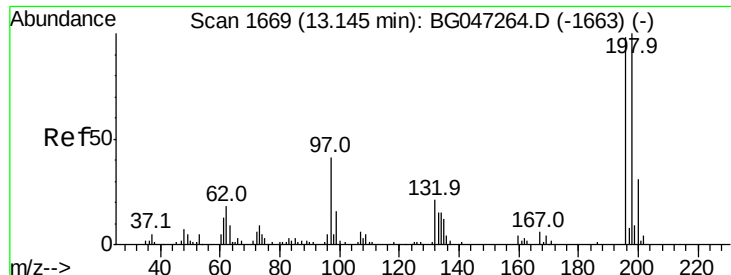


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

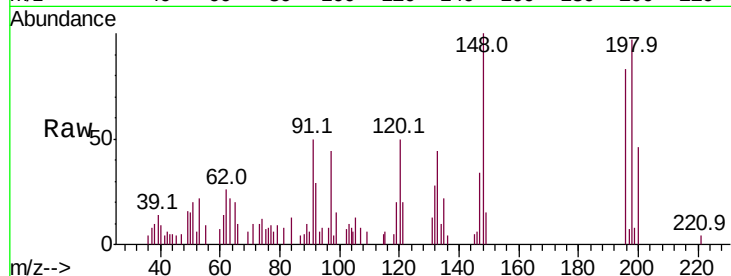




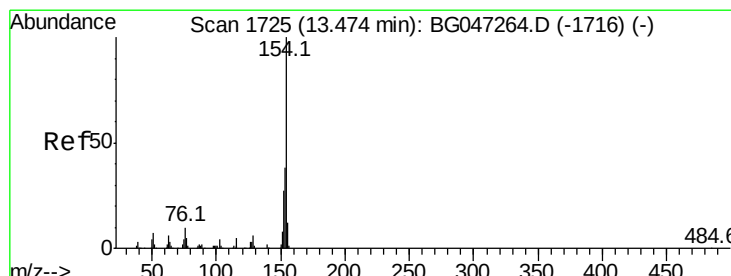
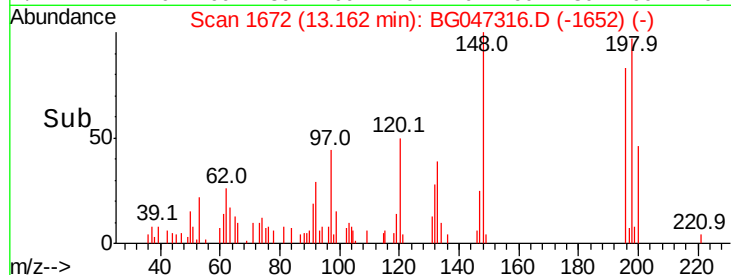
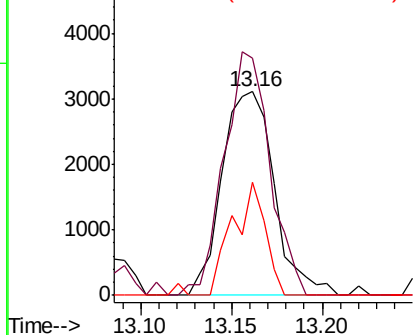
#40
 2,4,5-Trichlorophenol
 Concen: 1.981 ng/ul
 RT: 13.16 min Scan# 1672
 Delta R.T. 0.02 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Instrument :
 BNA_G
 ClientSampled :
 DBGE5

Tot Ion:196 Resp: 6247
 Ion Ratio Lower Upper
 196 100
 198 116.5 81.1 121.7
 200 55.5 25.5 38.3#

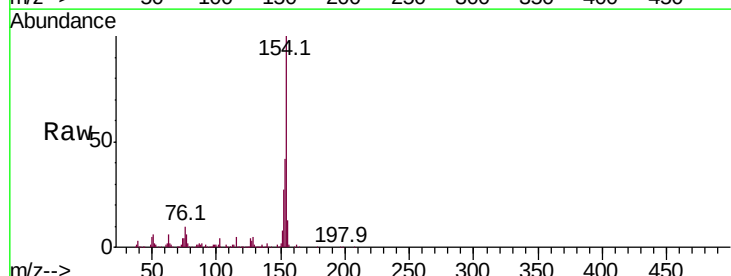


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

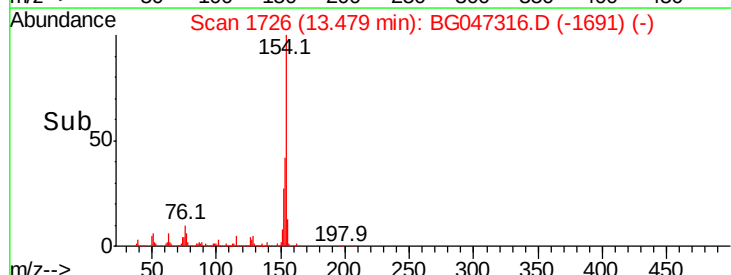
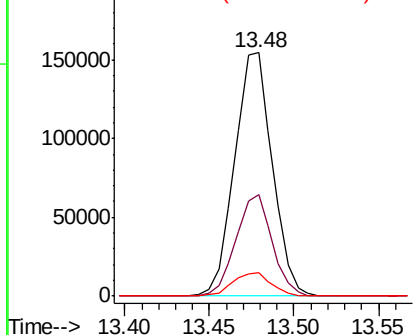


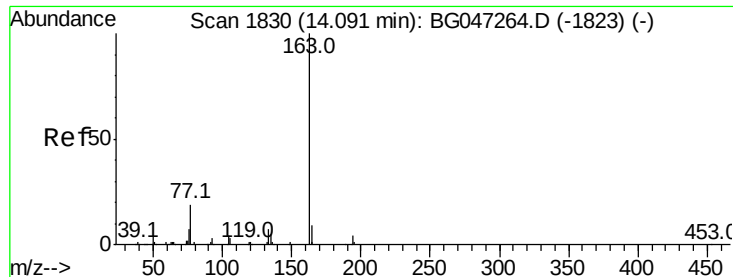
#41
 1,1'-Biphenyl
 Concen: 23.428 ng/ul
 RT: 13.48 min Scan# 1726
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Tgt Ion:154 Resp: 239481
 Ion Ratio Lower Upper
 154 100
 153 41.7 30.2 45.4
 76 9.6 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): BG





#45

Dimethylphthalate

Concen: 4.852 ng/ul

RT: 14.09 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

BNA_G

ClientSampleId :

DBG5

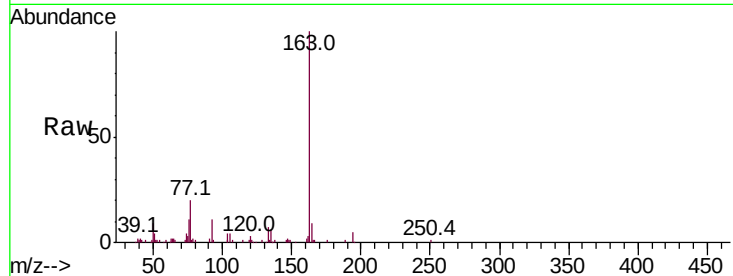
Tot Ion:163 Resp: 51876

Ion Ratio Lower Upper

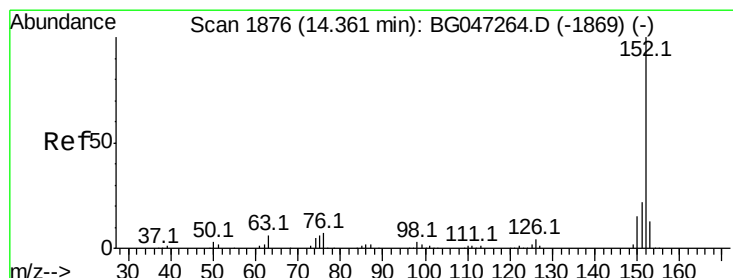
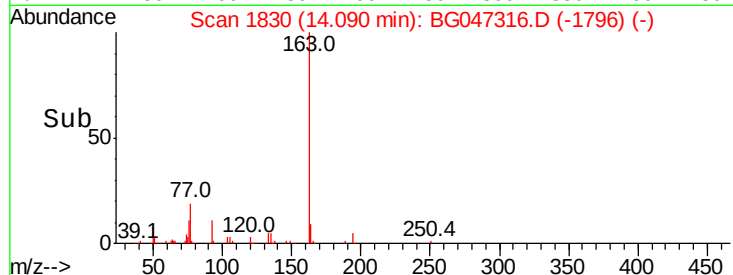
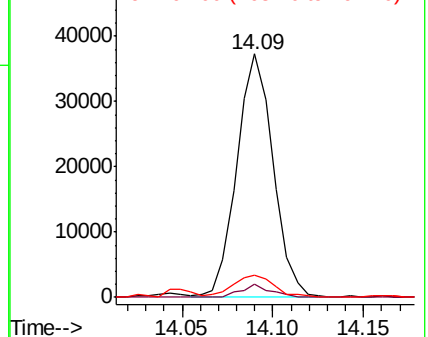
163 100

194 5.2 3.4 5.0#

164 9.1 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: 6.253 ng/ul

RT: 14.37 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

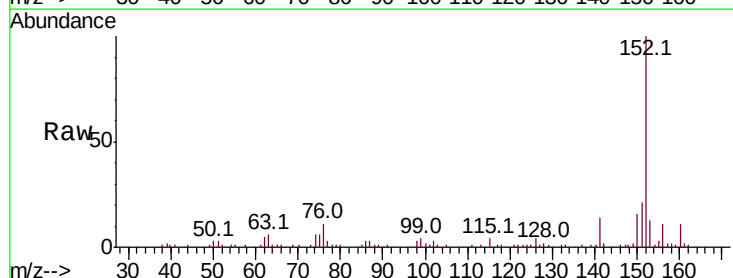
Tgt Ion:152 Resp: 73728

Ion Ratio Lower Upper

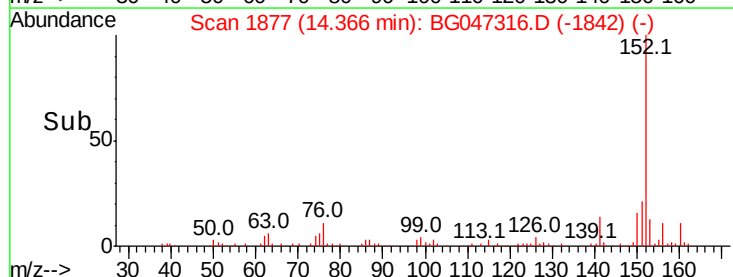
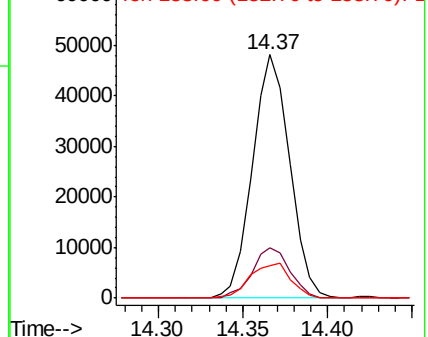
152 100

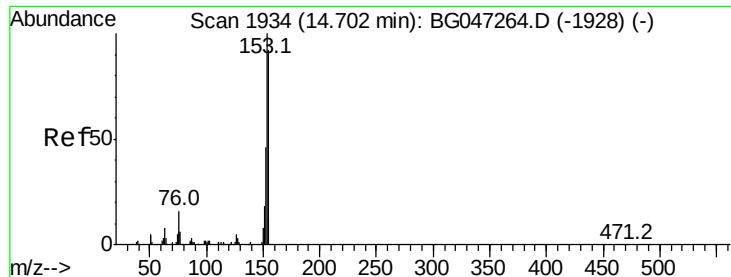
151 20.5 17.4 26.2

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 61.129 ng/ul

RT: 14.71 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

BNA_G

ClientSampleId :

DBGE5

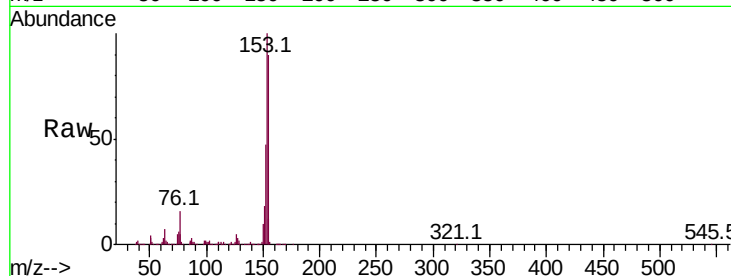
Tot Ion:153 Resp: 521475

Ion Ratio Lower Upper

153 100

152 47.2 37.0 55.4

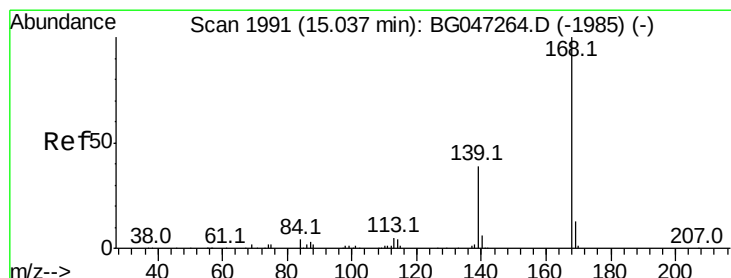
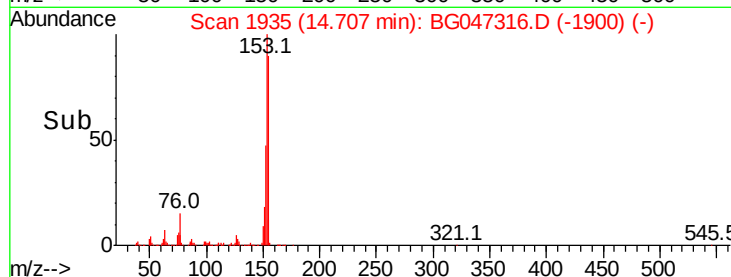
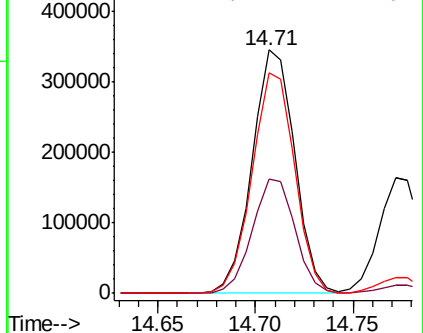
154 90.5 74.0 111.0



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: 51.345 ng/ul

RT: 15.04 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG047316.D

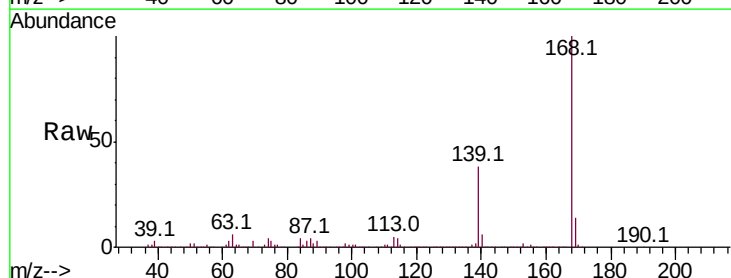
Acq: 12 Nov 2020 21:20

Tgt Ion:168 Resp: 637417

Ion Ratio Lower Upper

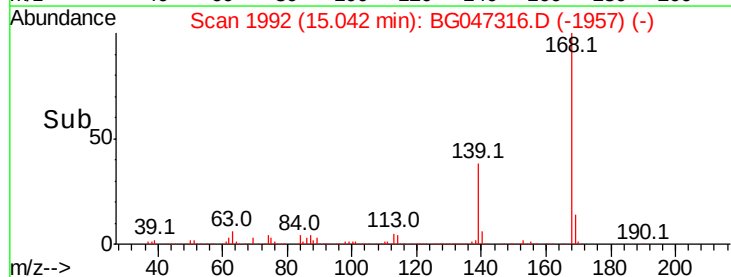
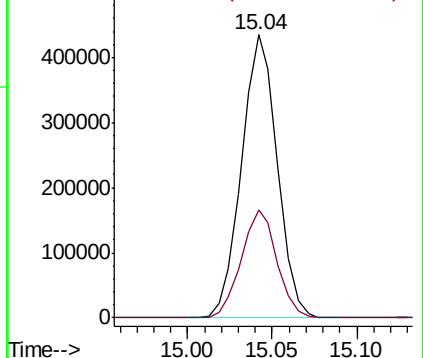
168 100

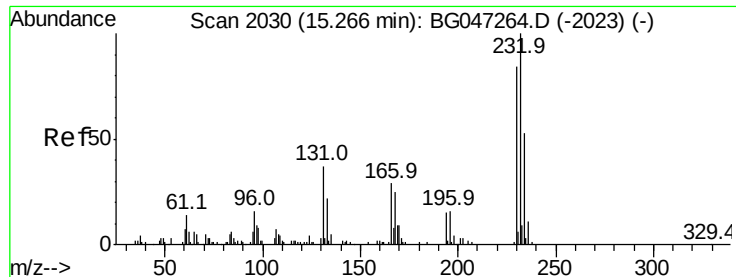
139 38.0 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

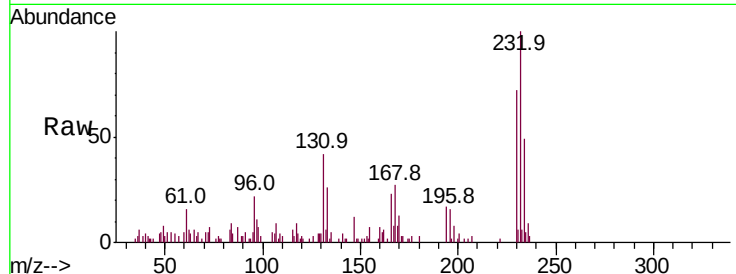




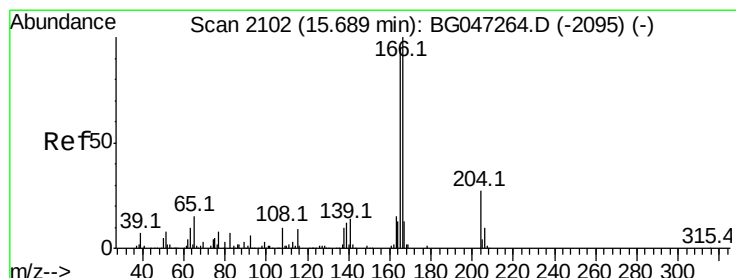
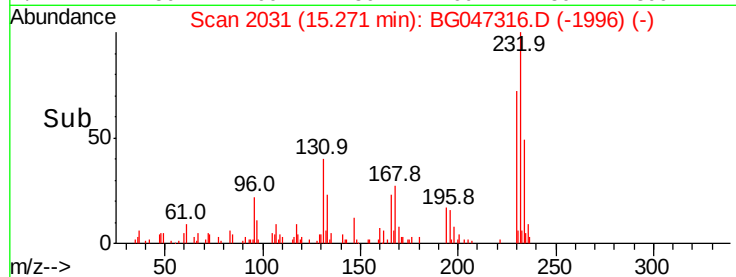
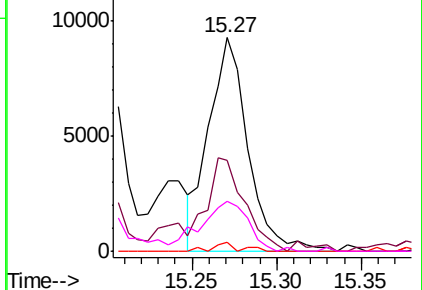
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 4.524 ng/ul
 RT: 15.27 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Instrument :
 BNA_G
 ClientSampled :
 DBGE5

Tot Ion:	232	Resp:	14979
Ion	Ratio	Lower	Upper
232	100		
131	40.0	29.2	43.8
130	3.8	2.2	3.2#
166	22.1	23.1	34.7#

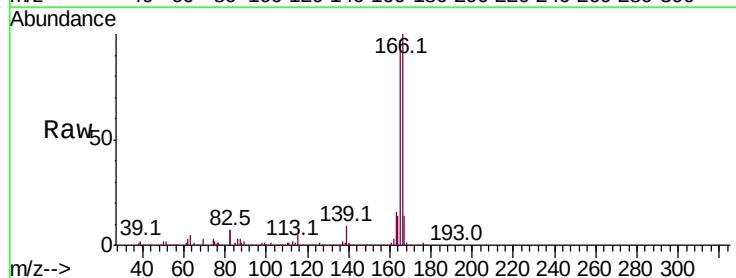


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

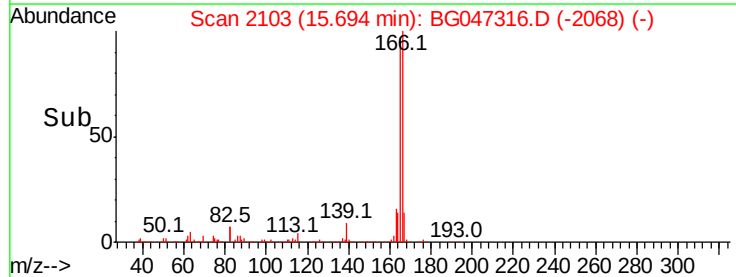
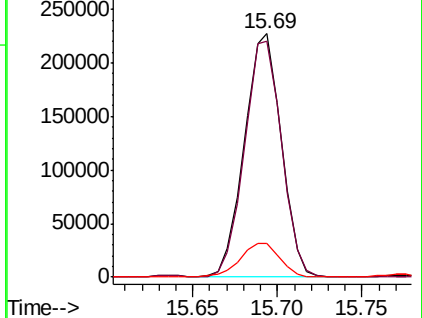


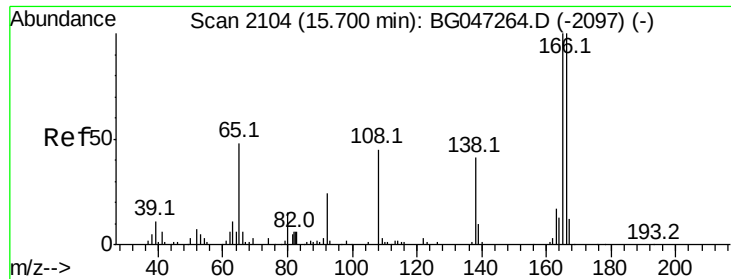
#59
 Fluorene
 Concen: 33.816 ng/ul
 RT: 15.69 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Tgt Ion:	166	Resp:	344581
Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.2	114.4
167	13.7	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

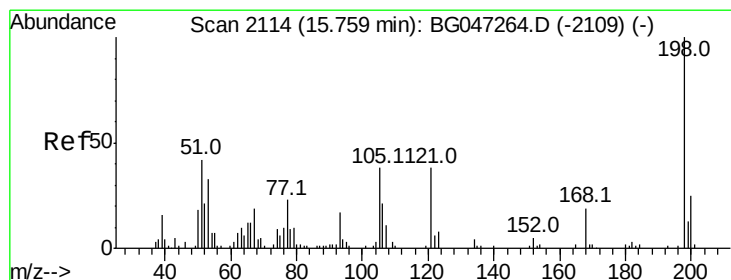
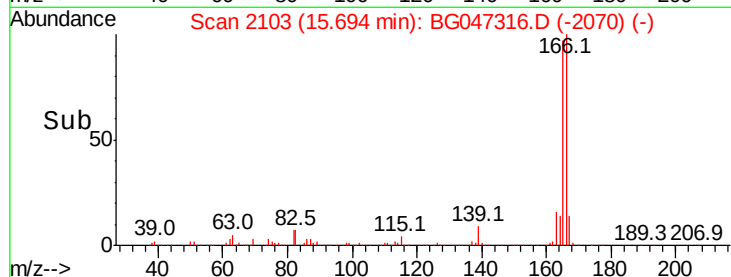
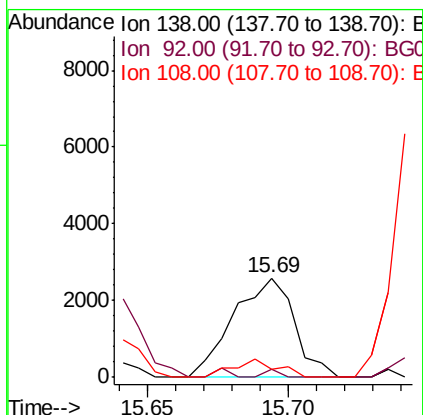
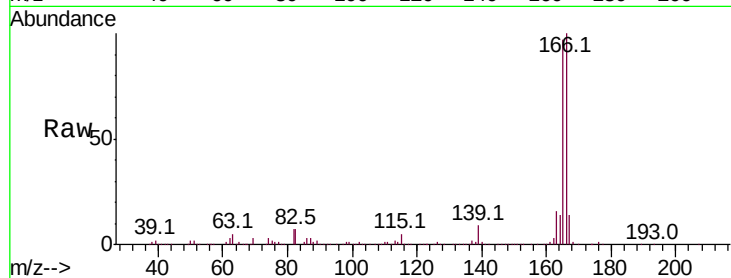




#61
4-Nitroaniline
Concen: 2.210 ng/ul
RT: 15.69 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

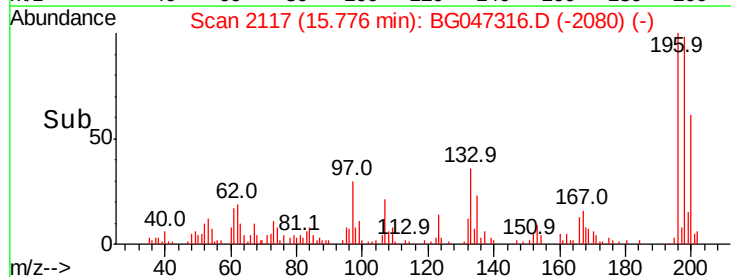
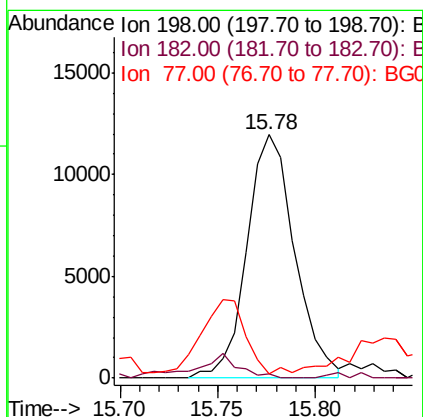
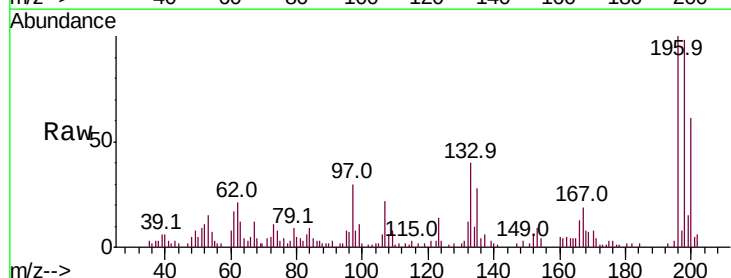
Instrument :
BNA_G
ClientSampled :
DBGE5

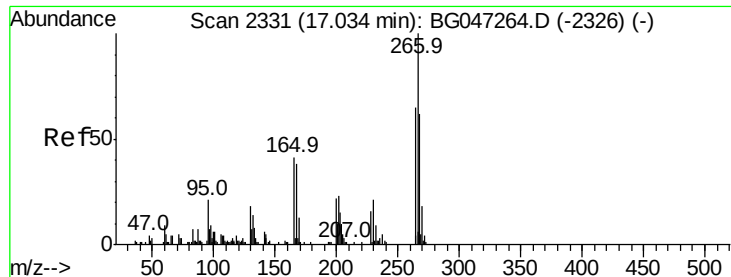
Tot Ion:138 Resp: 3871
Ion Ratio Lower Upper
138 100
92 8.1 46.4 69.6#
108 8.6 88.6 133.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 9.364 ng/ul
RT: 15.78 min Scan# 2117
Delta R.T. 0.02 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Tgt Ion:198 Resp: 20287
Ion Ratio Lower Upper
198 100
182 1.6 2.2 3.4#
77 2.0 19.6 29.4#

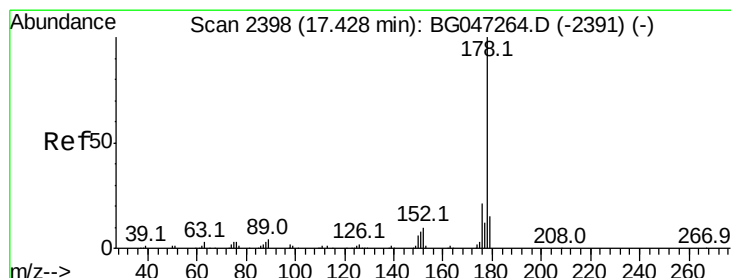
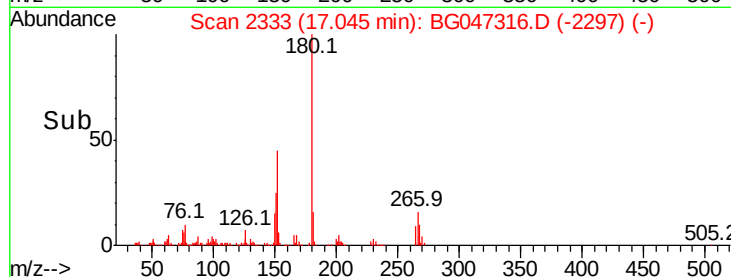
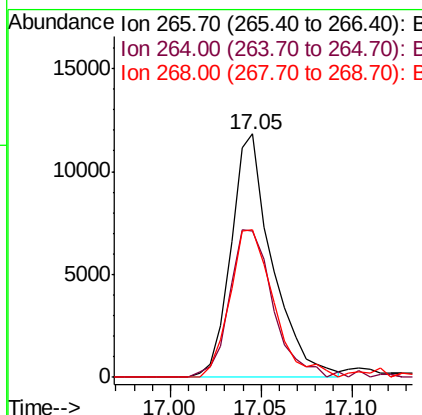
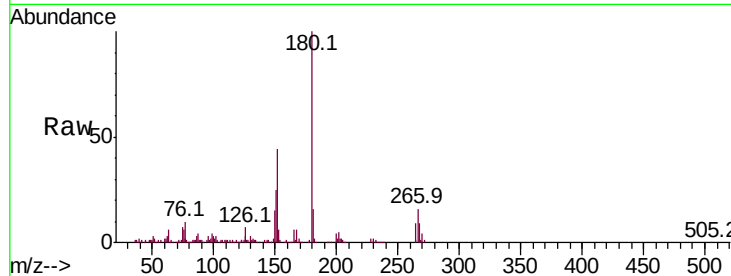




#69
 Pentachlorophenol
 Concen: 7.639 ng/ul
 RT: 17.05 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

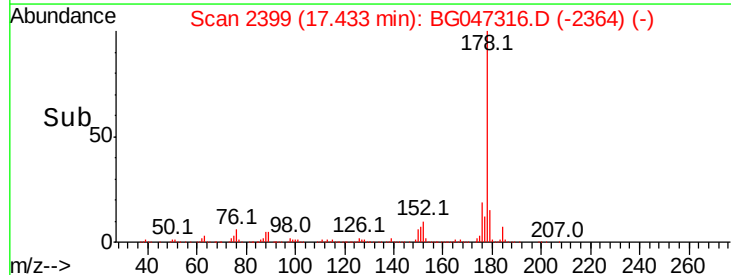
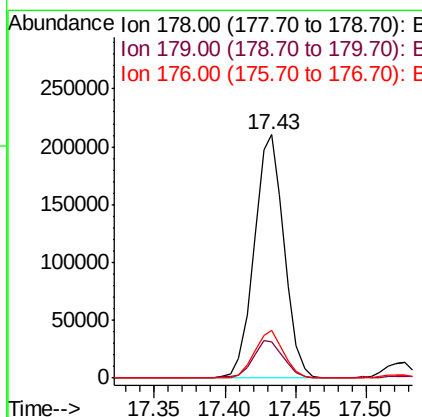
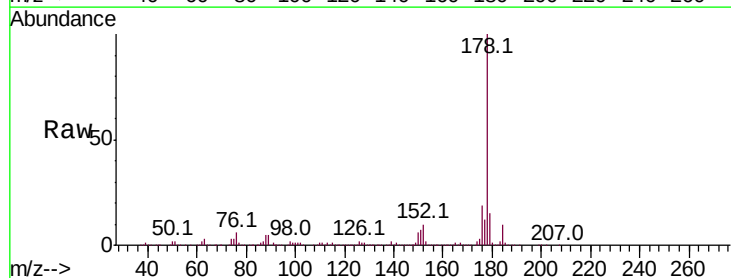
Instrument :
 BNA_G
 ClientSampleId :
 DBGE5

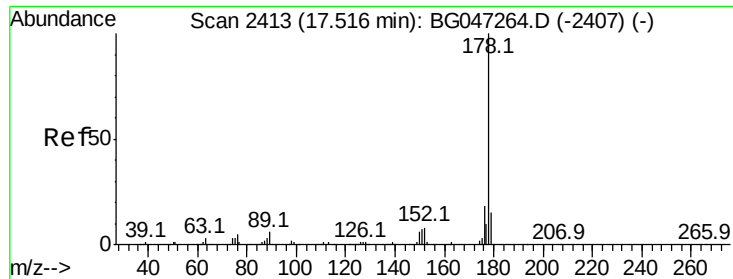
Tot Ion	Ratio	Lower	Upper
266	100		
264	60.3	52.2	78.2
268	60.7	49.7	74.5



#70
 Phenanthrene
 Concen: 18.246 ng/ul
 RT: 17.43 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.4	16.5	24.7





#72

Anthracene

Concen: 1.144 ng/ul

RT: 17.53 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

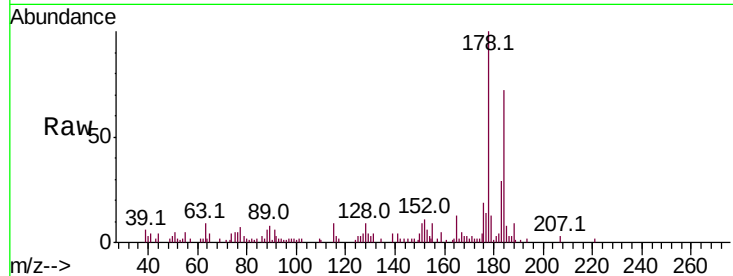
BNA_G

ClientSampleId :

DBG5

Tot Ion:178 Resp: 19653

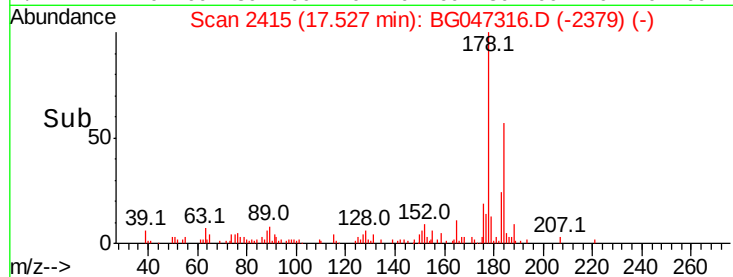
Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.4	18.6
176	19.0	14.4	21.6



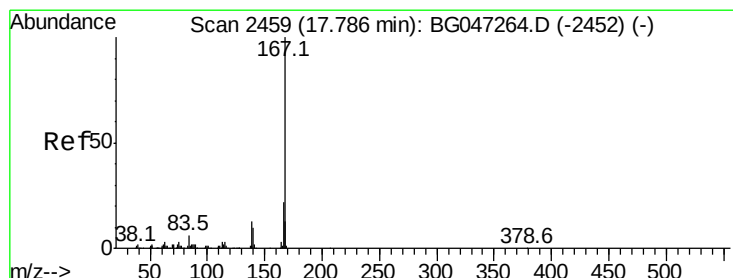
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.45 17.50 17.55



#75

Carbazole

Concen: 80.735 ng/ul

RT: 17.80 min Scan# 2461

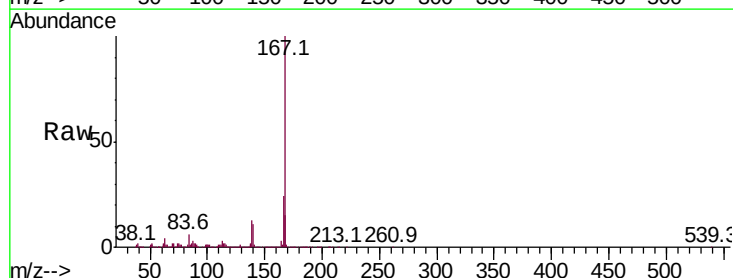
Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Tgt Ion:167 Resp: 1065170

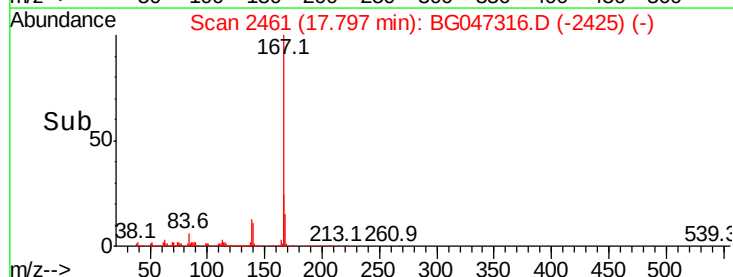
Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.4	26.0
139	13.3	10.5	15.7



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



Time--> 17.70 17.75 17.80 17.85