

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029230.D
 Acq On : 14 Oct 2017 19:33
 Operator : SJ/JU
 Sample : I5548-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 01:44:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	1790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	6649	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	2824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	6371	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	5802	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	5768	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	76	1.73	ng/uL	0.00
5) Phenol-d5	7.32	99	2784	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	1698	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	1922	15.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	1468	10.58	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	943	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	862	17.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	1502	13.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	1282	9.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	4907	20.32	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	5999	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	171	3.84	ng/ul	0.00
57) Fluorene-d10	15.77	176	3610	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	148	4.76	ng/ul	0.00
70) Anthracene-d10	17.53	188	6371	21.14	ng/ul	-0.10
76) Pyrene-d10	19.89	212	5477	18.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	5768	21.11	ng/ul	0.22

Target Compounds

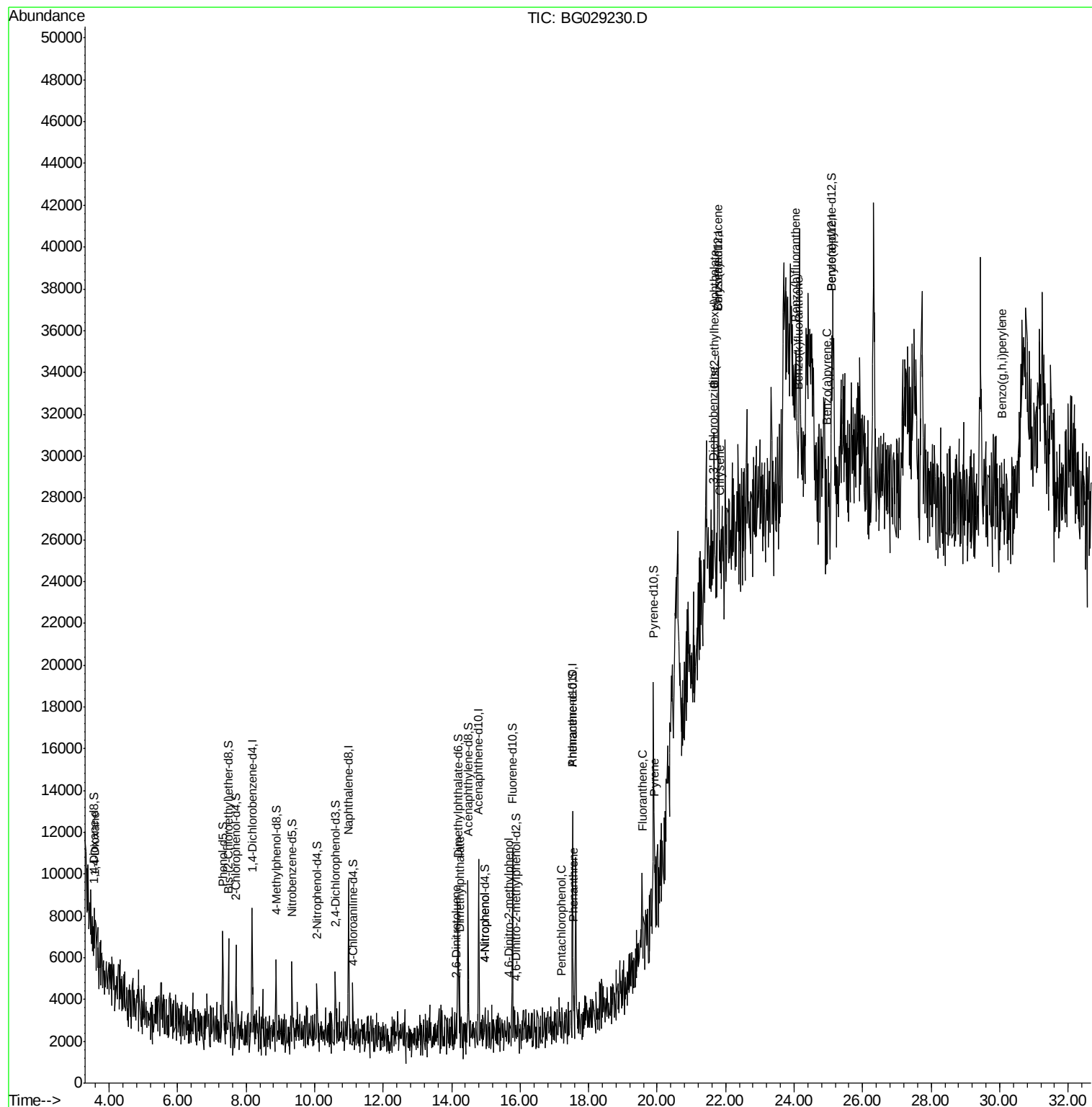
					Ovalue
2) 1,4-Dioxane	3.58	88	77	1.43	ng/uL# 13
44) Dimethylphthalate	14.23	163	1947	8.27	ng/ul# 78
45) 2,6-Dinitrotoluene	14.12	165	57	1.38	ng/ul# 27
52) 4-Nitrophenol	14.98	109	70	2.08	ng/ul# 1
63) 4,6-Dinitro-2-methylphenol	15.68	198	70	2.13	ng/ul# 47
68) Pentachlorophenol	17.19	266	63	1.61	ng/ul# 16
69) Phenanthrene	17.57	178	1248	3.62	ng/ul# 94
74) Fluoranthene	19.57	202	2445	6.35	ng/ul# 80
77) Pyrene	19.92	202	1648	4.24	ng/ul# 77
79) 3,3'-Dichlorobenzidine	21.65	252	146	1.38	ng/ul# 26
80) Benzo(a)anthracene	21.78	228	855	2.35	ng/ul# 46
81) Bis(2-ethylhexyl)phthalate	21.67	149	2012	8.81	ng/ul# 85
82) Chrysene	21.83	228	1037	3.14	ng/ul# 82
85) Benzo(b)fluoranthene	24.05	252	524	1.51	ng/ul# 58
86) Benzo(k)fluoranthene	24.12	252	496	1.48	ng/ul# 60
88) Benzo(a)pyrene	24.95	252	820	2.43	ng/ul# 26
91) Benzo(g,h,i)perylene	30.06	276	433	1.37	ng/ul# 27

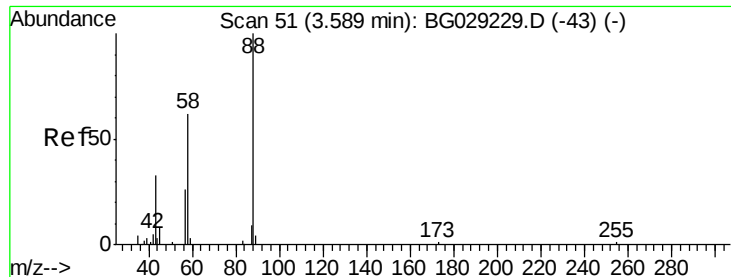
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
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Instrument :
BNA_G
ClientSampled :

Quant Time: Oct 15 01:44:20 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.43 ng/uL

RT: 3.58 min Scan# 50

Delta R.T. -0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

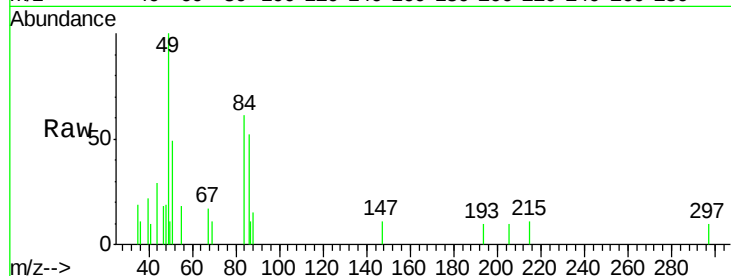
Tot Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

43 0.0 35.0 52.6#

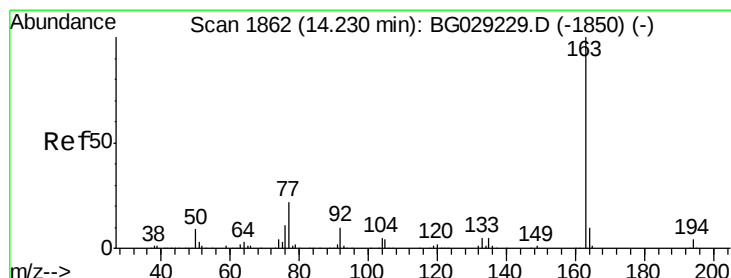
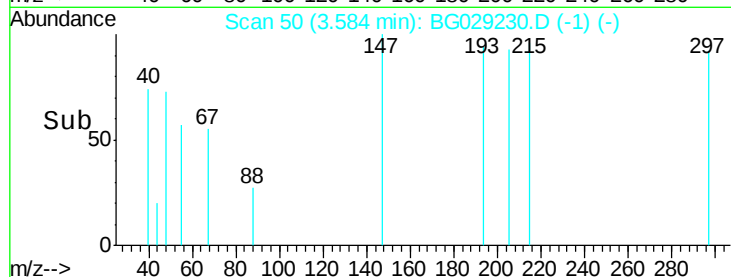
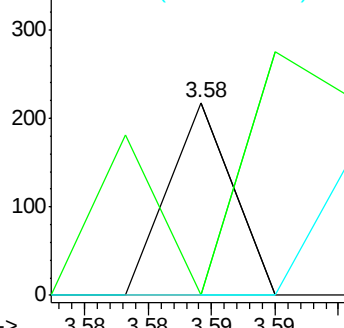
58 0.0 74.0 111.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#44

Dimethylphthalate

Concen: 8.27 ng/uL

RT: 14.23 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

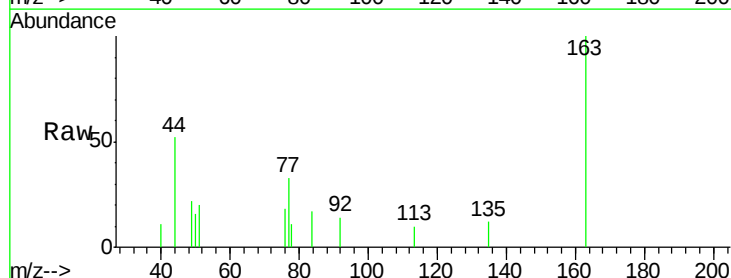
Tgt Ion: 163 Resp: 1947

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

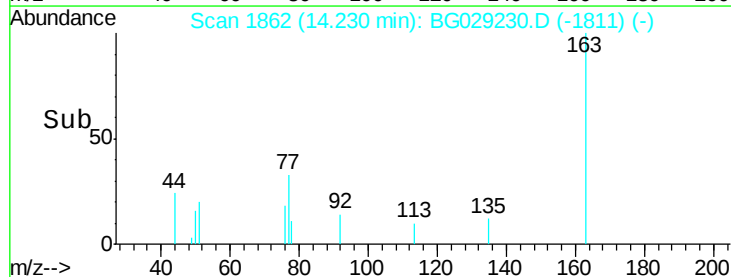
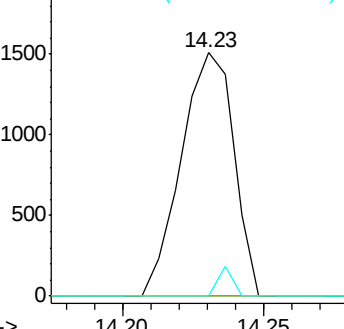
164 0.0 7.6 11.4#

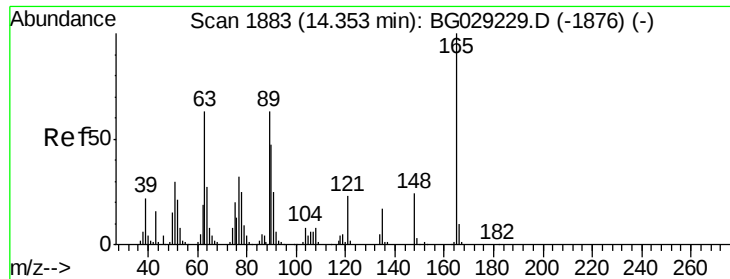


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

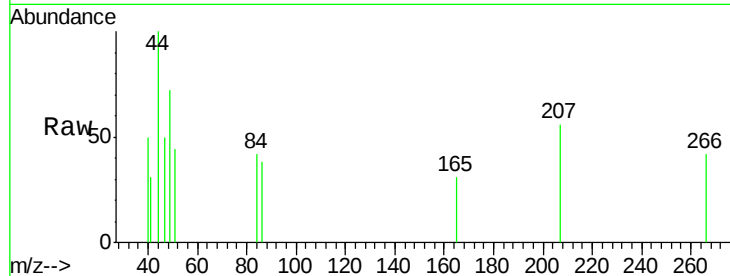




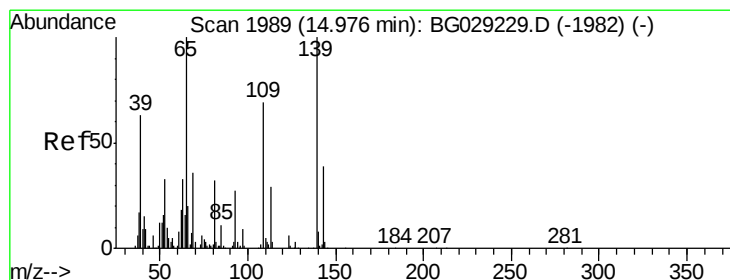
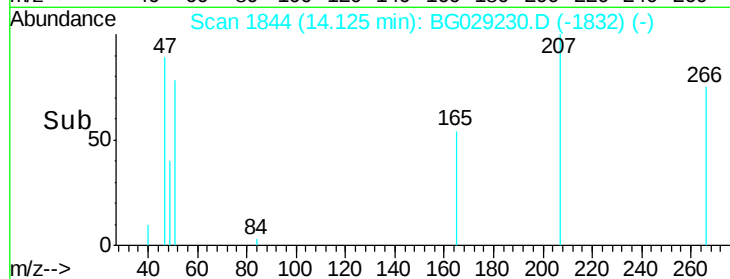
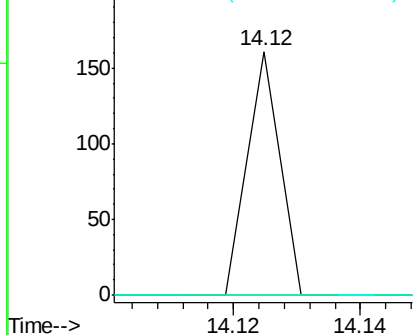
#45
 2,6-Dinitrotoluene
 Concen: 1.38 ng/ul
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.23 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	51.1	76.7#
121	0.0	17.2	25.8#

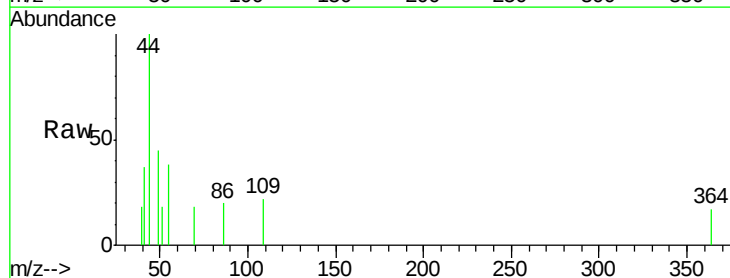


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

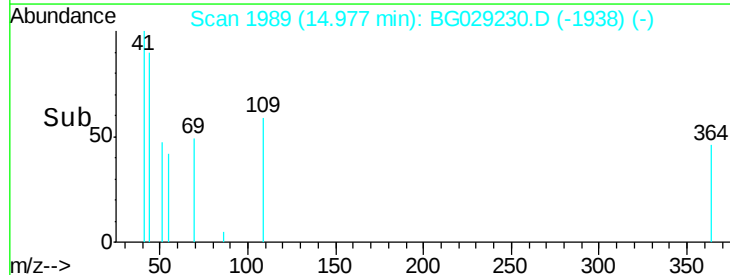
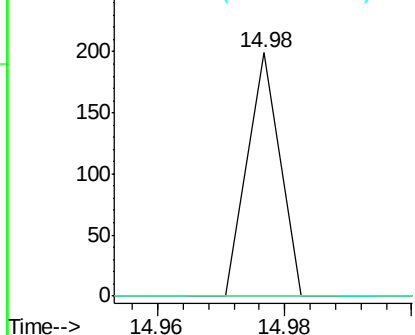


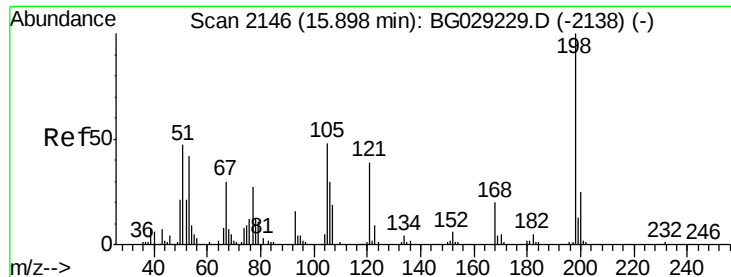
#52
 4-Nitrophenol
 Concen: 2.08 ng/ul
 RT: 14.98 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

Tgt Ion	Ratio	Lower	Upper
109	100		
139	0.0	89.5	134.3#
65	0.0	98.3	147.5#



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BG

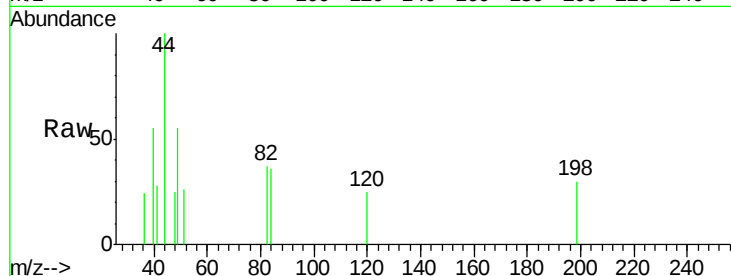




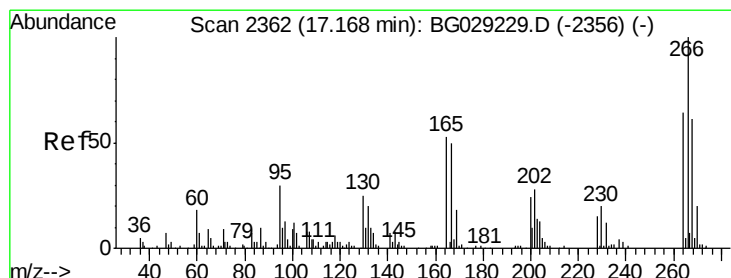
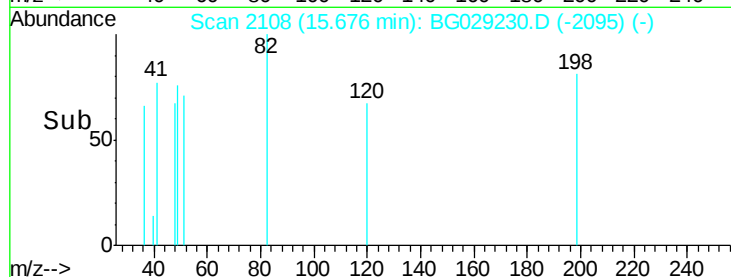
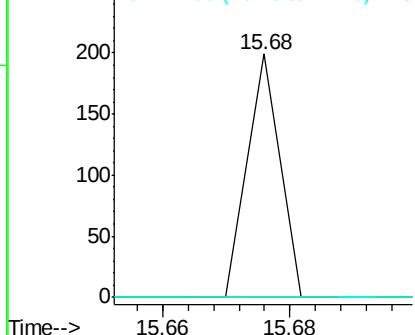
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.13 ng/ul
 RT: 15.68 min Scan# 2108
 Delta R.T. -0.22 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 70
 Ion Ratio Lower Upper
 198 100
 182 0.0 4.6 5.0#
 77 0.0 25.9 39.7#

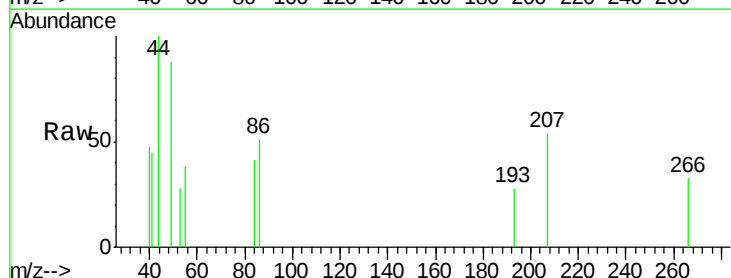


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

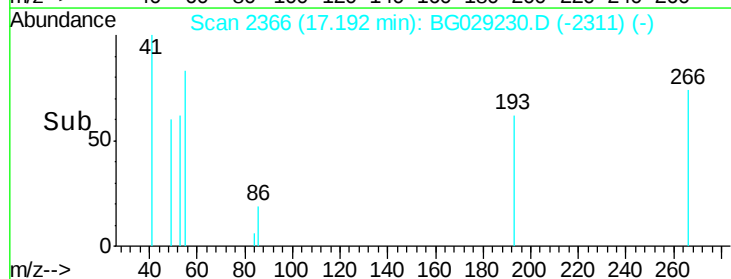
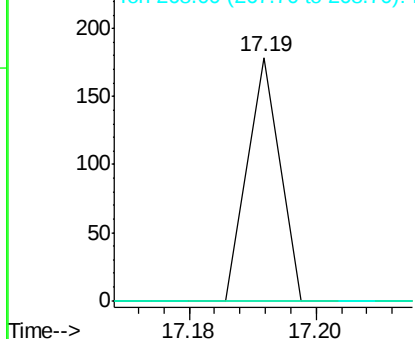


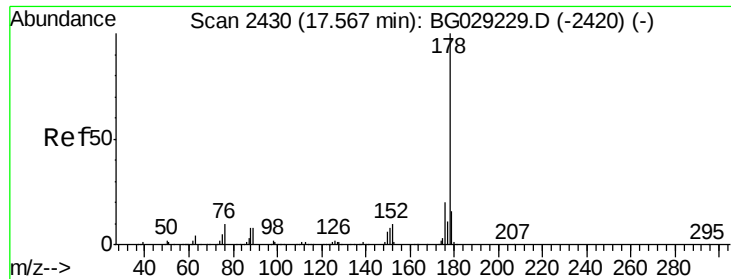
#68
 Pentachlorophenol
 Concen: 1.61 ng/ul
 RT: 17.19 min Scan# 2366
 Delta R.T. 0.02 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

Tgt Ion:266 Resp: 63
 Ion Ratio Lower Upper
 266 100
 264 0.0 54.4 81.6#
 268 0.0 53.4 80.2#



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





#69

Phenanthrene

Concen: 3.62 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

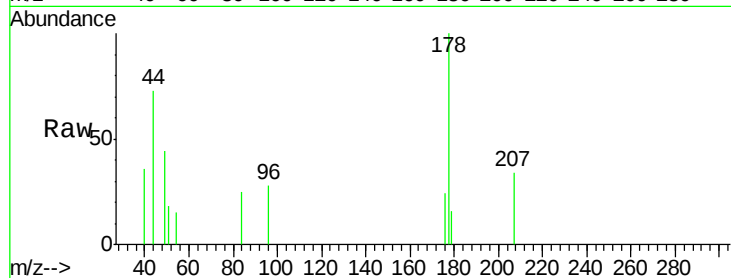
Tot Ion:178 Resp: 1248

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

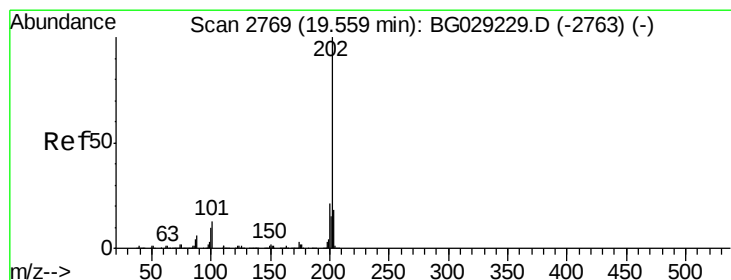
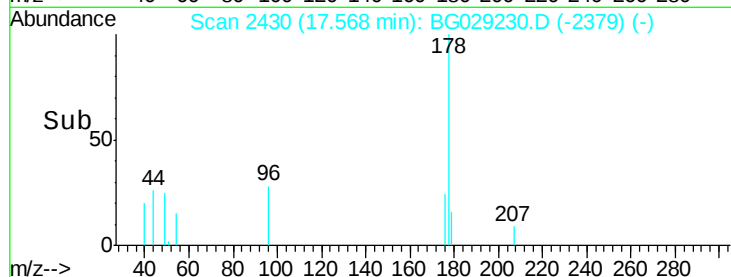
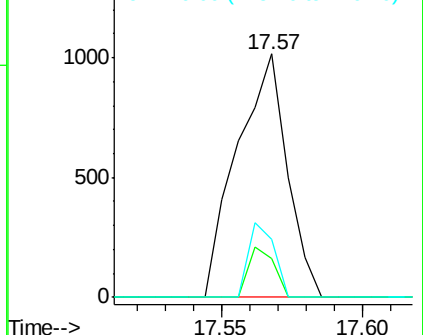
176 24.0 15.3 22.9#



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



#74

Fluoranthene

Concen: 6.35 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

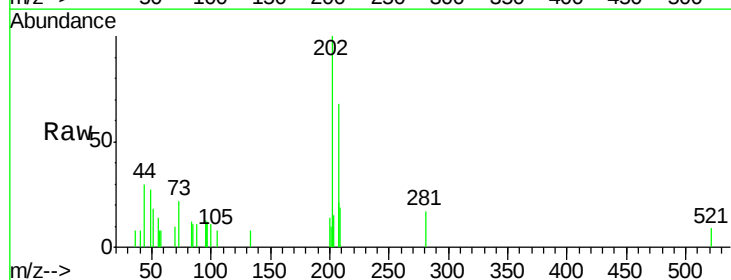
Tgt Ion:202 Resp: 2445

Ion Ratio Lower Upper

202 100

101 0.0 7.4 11.2#

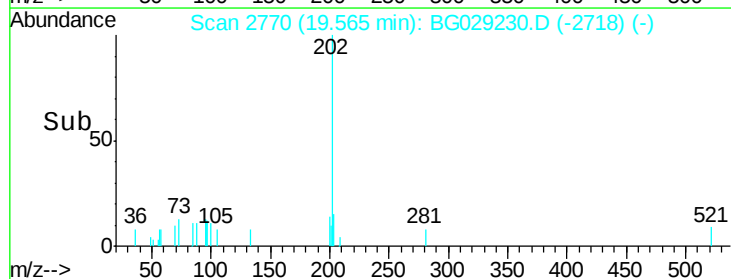
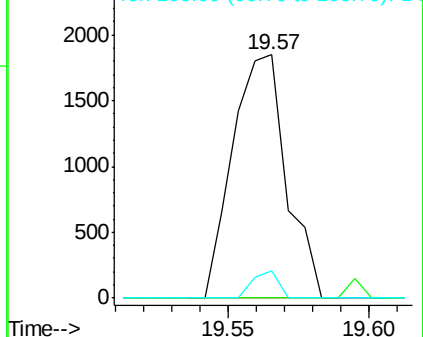
100 11.1 5.6 8.4#

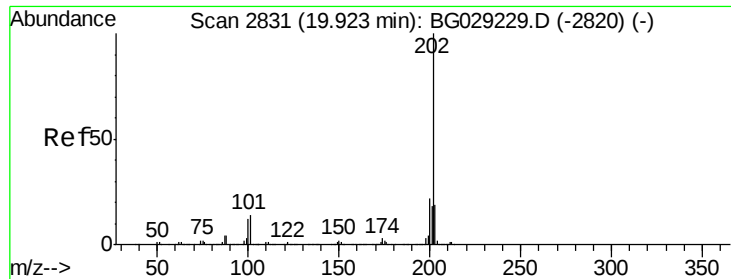


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.24 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

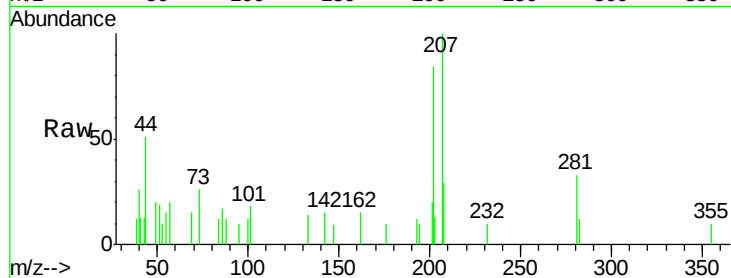
Tot Ion:202 Resp: 1648

Ion Ratio Lower Upper

202 100

101 21.6 8.4 12.6#

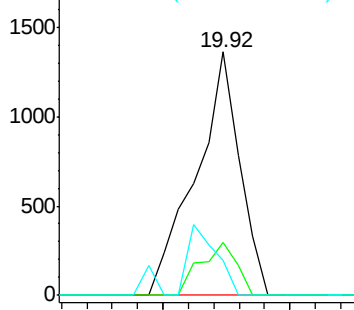
100 14.2 7.0 10.6#



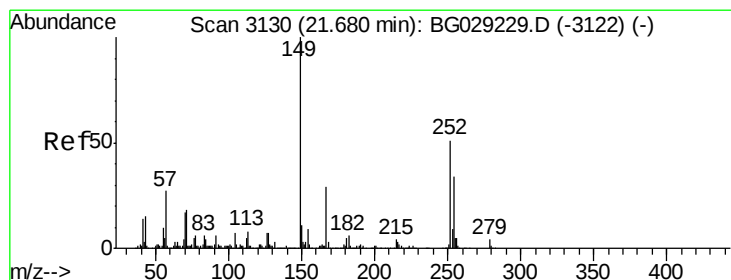
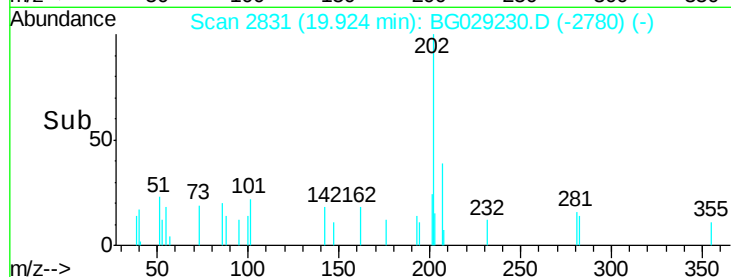
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#79

3,3'-Dichlorobenzidine

Concen: 1.38 ng/ul

RT: 21.65 min Scan# 3124

Delta R.T. -0.03 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

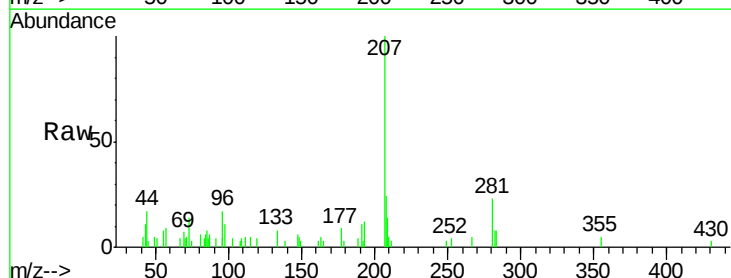
Tgt Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

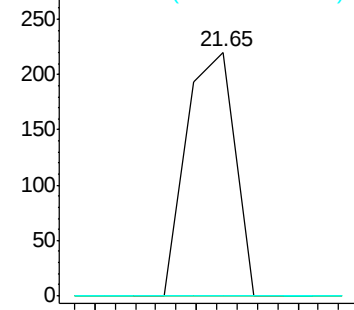
126 0.0 9.3 13.9#



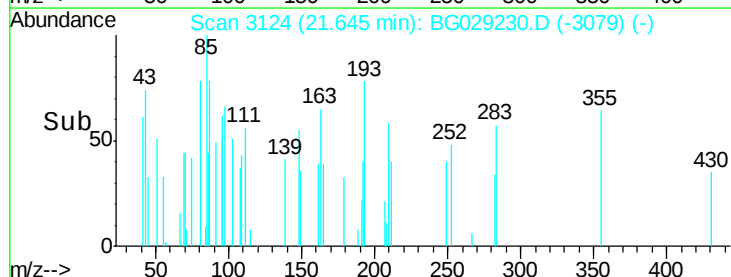
Abundance Ion 252.00 (251.70 to 252.70): E

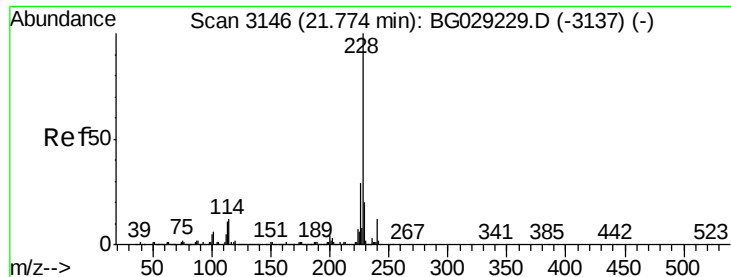
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 2.35 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

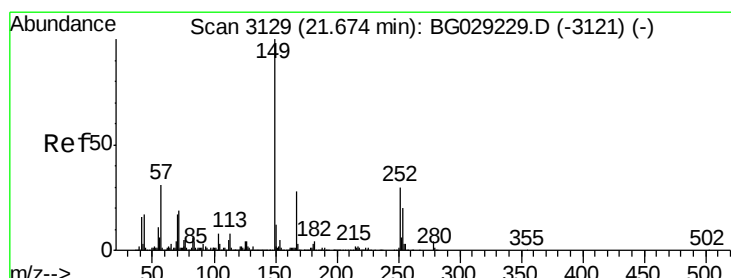
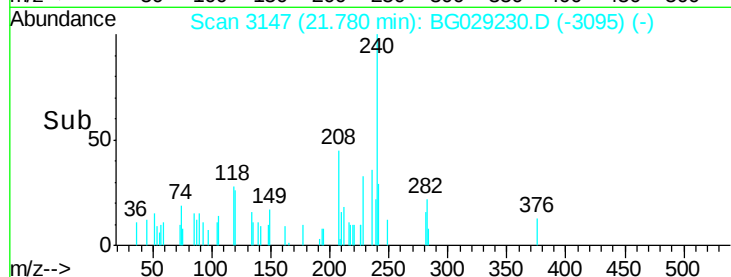
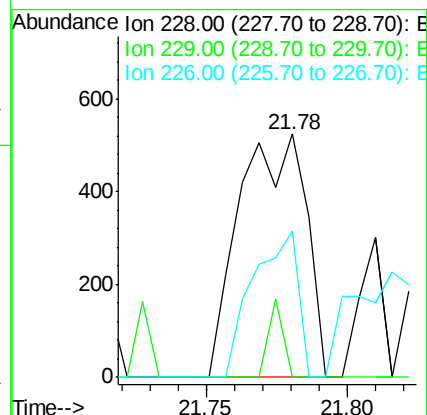
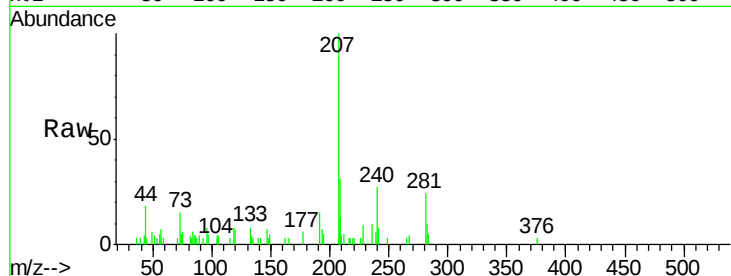
Tot Ion:228 Resp: 855

Ion Ratio Lower Upper

228 100

229 0.0 16.2 24.4#

226 59.9 22.2 33.2#



#81

Bis(2-ethylhexyl)phthalate

Concen: 8.81 ng/ul

RT: 21.67 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

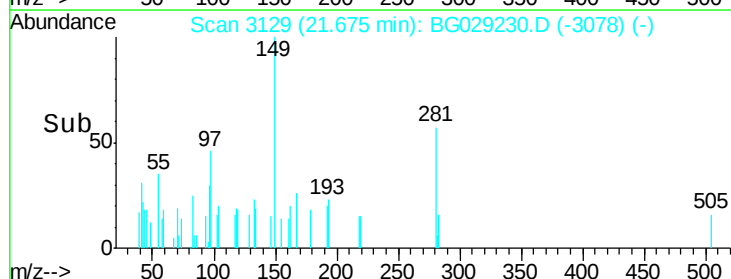
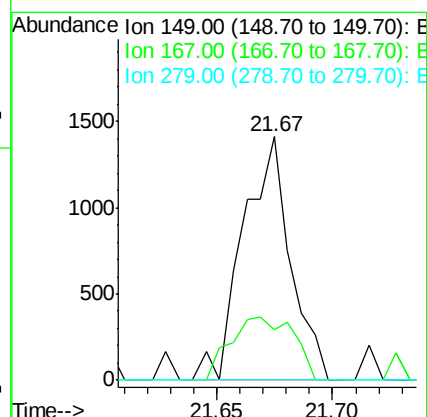
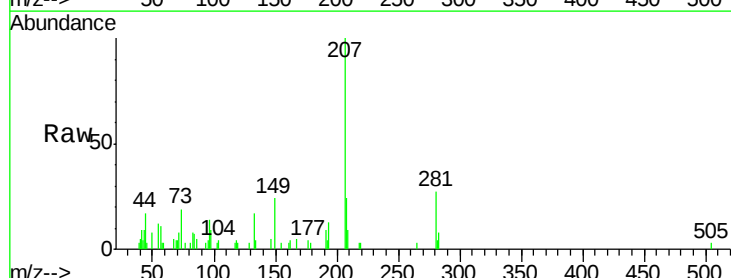
Tgt Ion:149 Resp: 2012

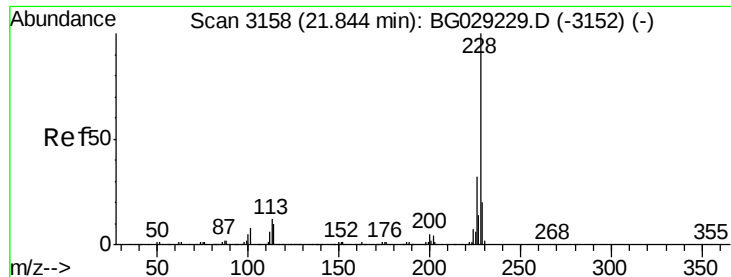
Ion Ratio Lower Upper

149 100

167 20.5 23.2 34.8#

279 0.0 3.1 4.7#





#82

Chrysene

Concen: 3.14 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

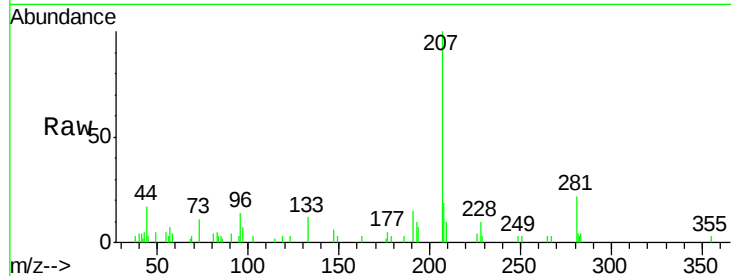
Tot Ion:228 Resp: 1037

Ion Ratio Lower Upper

228 100

226 39.4 24.2 36.2#

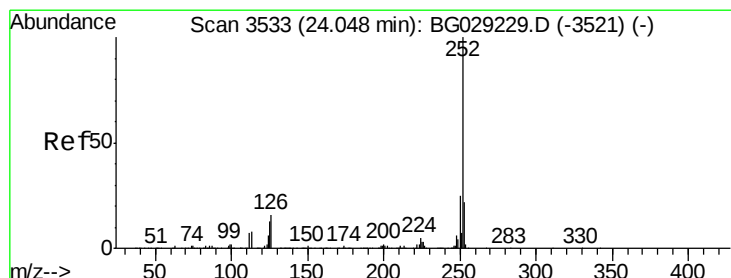
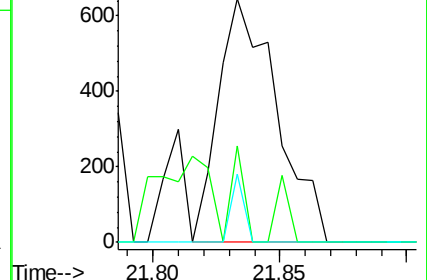
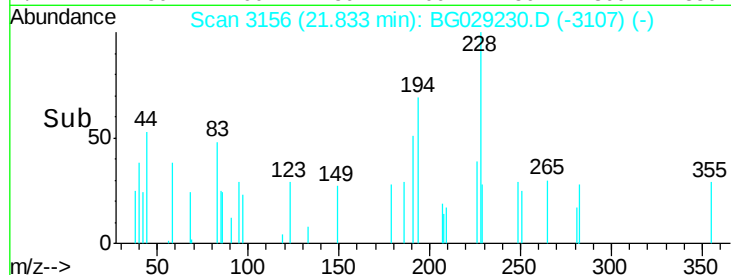
229 28.2 15.2 22.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.51 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

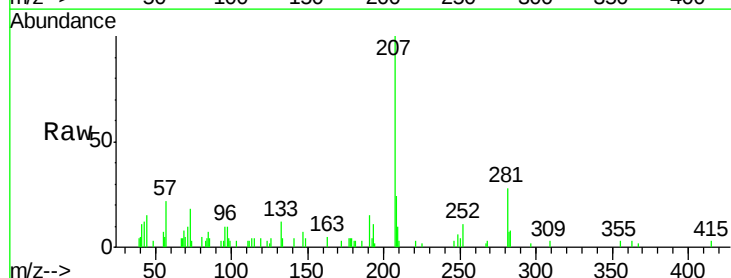
Tgt Ion:252 Resp: 524

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

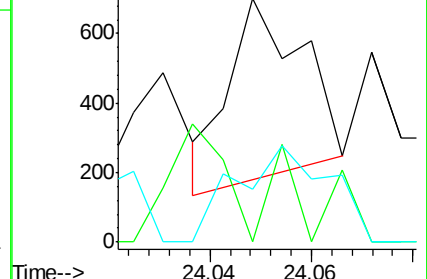
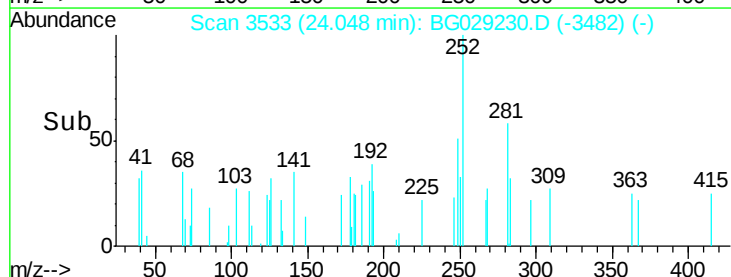
125 22.0 7.5 11.3#

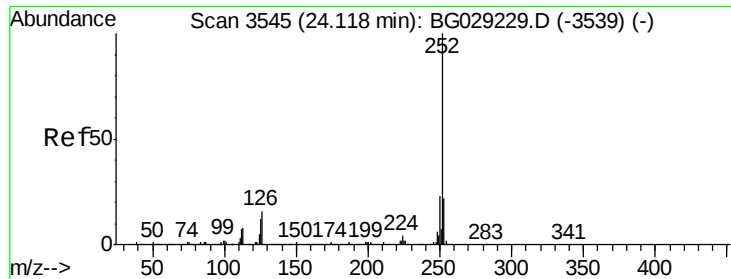


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

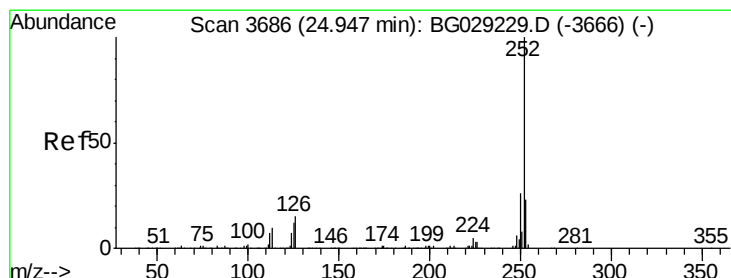
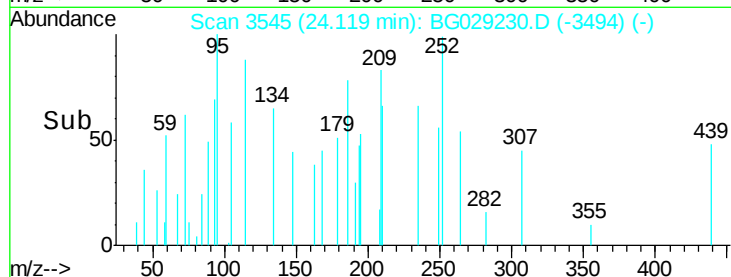
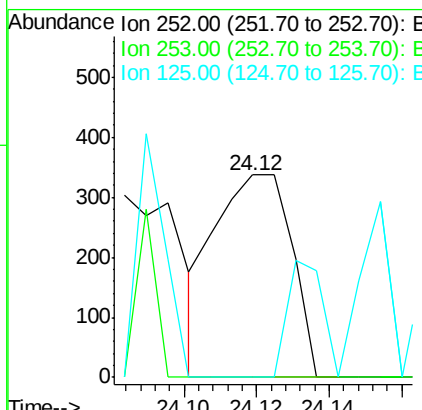
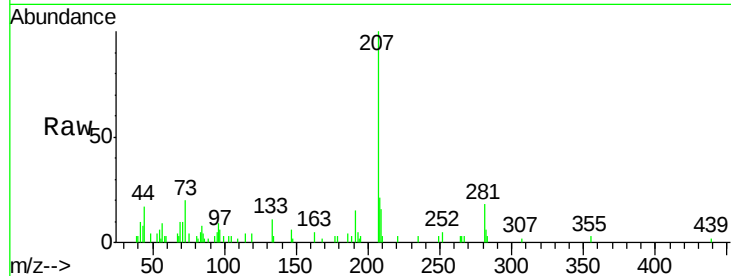




#86
Benzo(k)fluoranthene
Concen: 1.48 ng/ul
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG029230.D
Acq: 14 Oct 2017 19:33

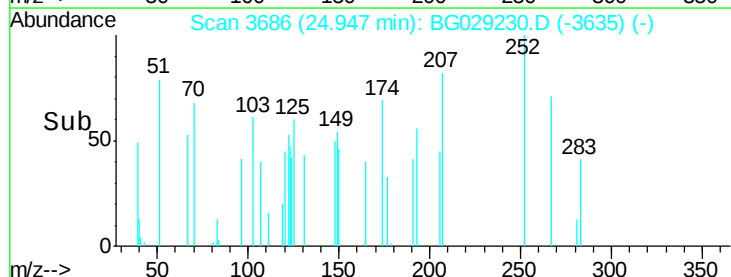
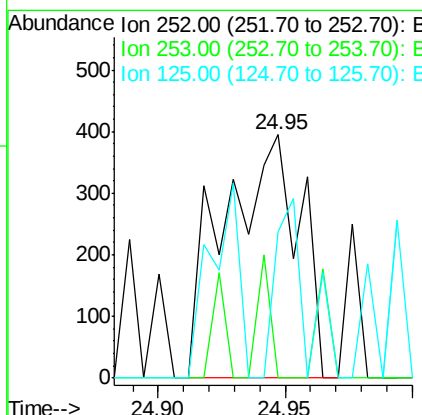
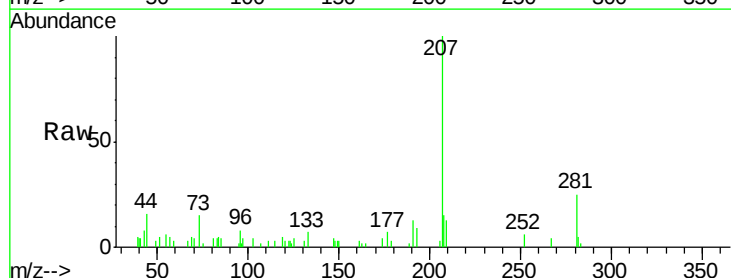
Instrument :
BNA_G
ClientSampled :

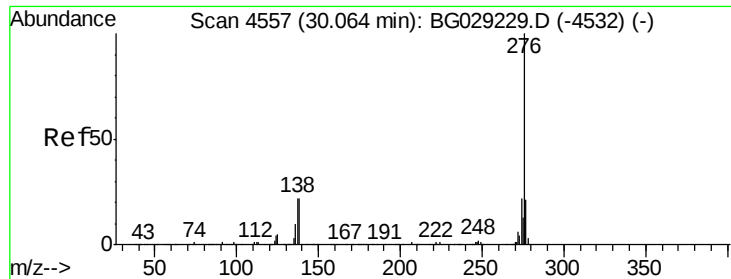
Tot Ion:252 Resp: 496
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 7.8 11.8#



#88
Benzo(a)pyrene
Concen: 2.43 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029230.D
Acq: 14 Oct 2017 19:33

Tgt Ion:252 Resp: 820
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 60.3 7.8 11.8#

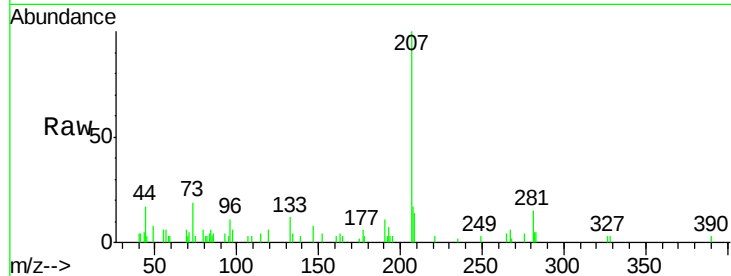




#91
 Benzo(a,h,i)perylene
 Concen: 1.37 ng/ul
 RT: 30.06 min Scan# 4556
 Delta R.T. -0.01 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	61.8	12.1	18.1#
277	0.0	17.7	26.5#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

