

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021909.D
 Acq On : 16 May 2016 16:45
 Operator : UM/SJ
 Sample : H3095-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF4

Quant Time: May 17 00:34:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	370071	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	226067	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	498228	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	495260	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	495141	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5246	3.40	ng/uL	0.00
5) Phenol-d5	7.31	99	113991	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	59807	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	108002	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	69844	15.04	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	58244	23.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	63639	41.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	112537	25.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	186	0.04	ng/ul	0.28
44) Dimethylphthalate-d6	14.18	166	370685	23.34	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	502323	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	47198	17.34	ng/ul	0.00
58) Fluorene-d10	15.78	176	349957	20.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	51953	37.64	ng/ul	0.00
71) Anthracene-d10	17.63	188	504030	20.78	ng/ul	0.00
77) Pyrene-d10	19.54	212	6715	0.29	ng/ul	-0.36
88) Benzo(a)pyrene-d12	24.92	264	508677	21.62	ng/ul	0.00

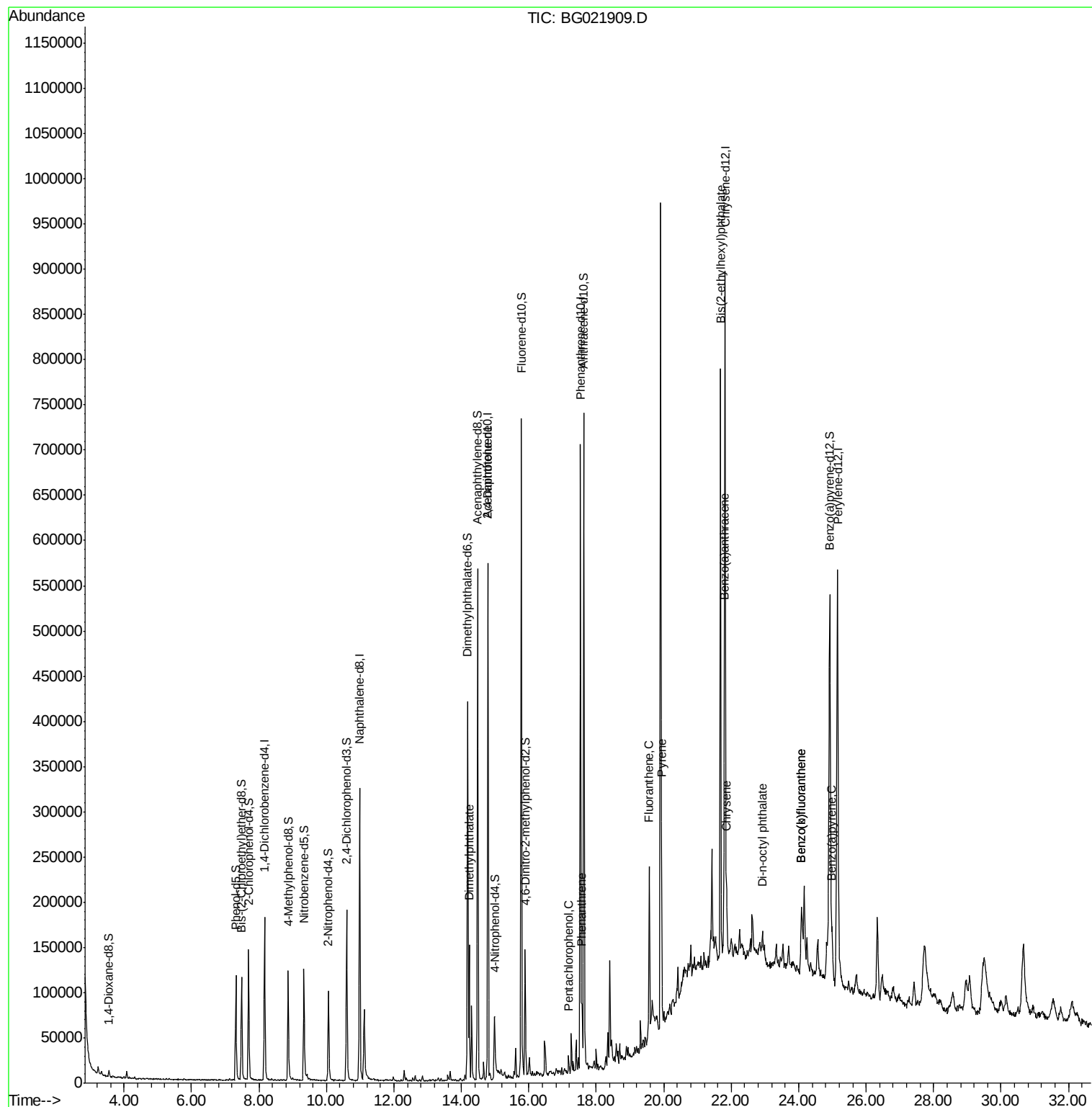
Target Compounds				Ovalue		
45) Dimethylphthalate	14.23	163	124677	7.71	ng/ul	99
55) 2,4-Dinitrotoluene	14.79	165	29549	6.69	ng/ul#	25
69) Pentachlorophenol	17.18	266	3497	1.52	ng/ul	99
70) Phenanthrene	17.57	178	55560	2.04	ng/ul	100
75) Fluoranthene	19.57	202	121833	3.94	ng/ul#	95
78) Pyrene	19.94	202	99645	3.48	ng/ul	96
81) Benzo(a)anthracene	21.79	228	61183	2.22	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.68	149	364111	35.21	ng/ul	96
83) Chrysene	21.86	228	62244	2.28	ng/ul	95
85) Di-n-octyl phthalate	22.93	149	23995	1.18	ng/ul	100
86) Benzo(b)fluoranthene	24.09	252	99293	3.50	ng/ul#	92
87) Benzo(k)fluoranthene	24.09	252	99293	3.27	ng/ul#	92
89) Benzo(a)pyrene	24.99	252	66734	2.37	ng/ul#	93

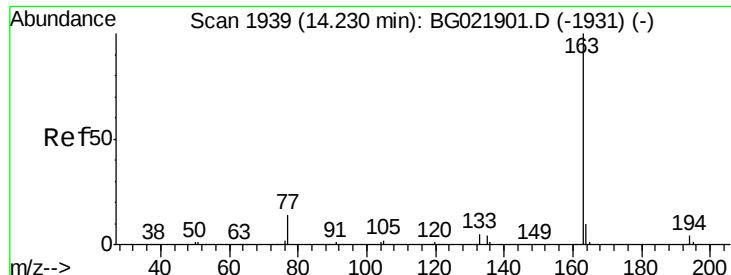
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 7.71 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9XF4

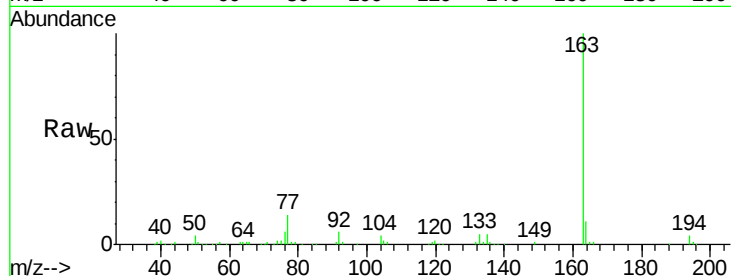
Tot Ion:163 Resp: 124677

Ion Ratio Lower Upper

163 100

194 4.3 3.9 5.9

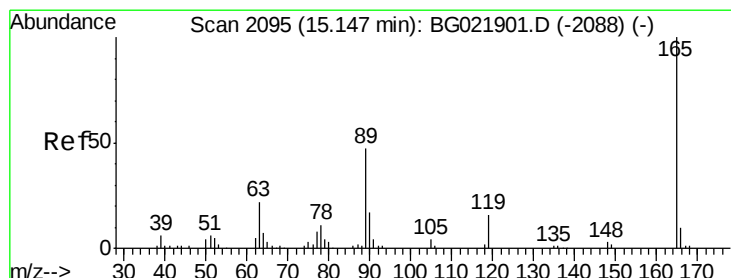
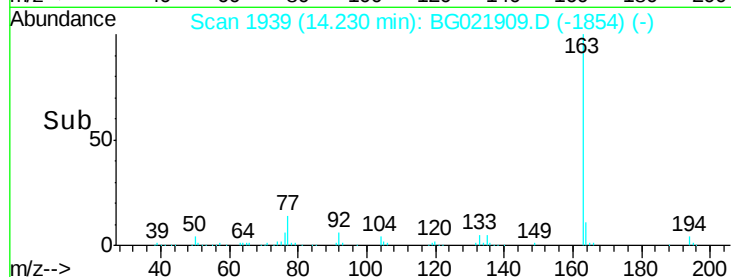
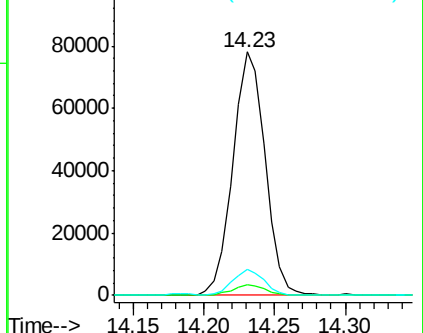
164 10.6 8.7 13.1



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



#55

2,4-Dinitrotoluene

Concen: 6.69 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.36 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

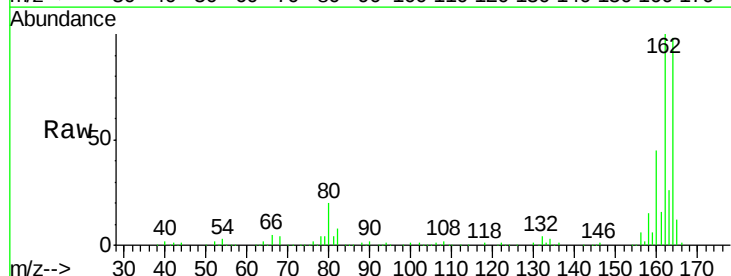
Tgt Ion:165 Resp: 29549

Ion Ratio Lower Upper

165 100

63 0.9 48.1 72.1#

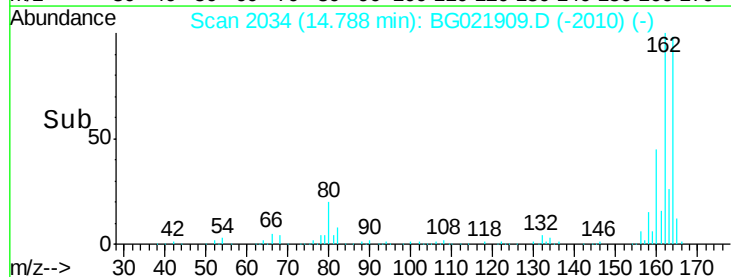
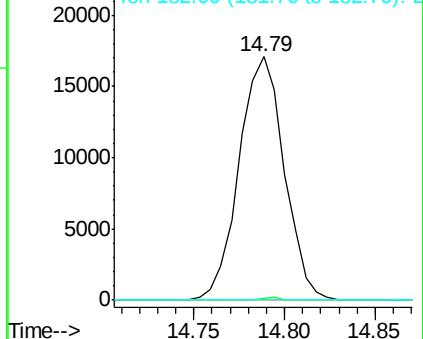
182 0.0 2.2 3.2#

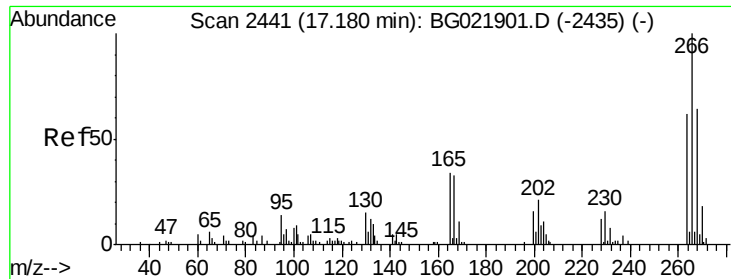


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 1.52 ng/ul

RT: 17.18 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9XF4

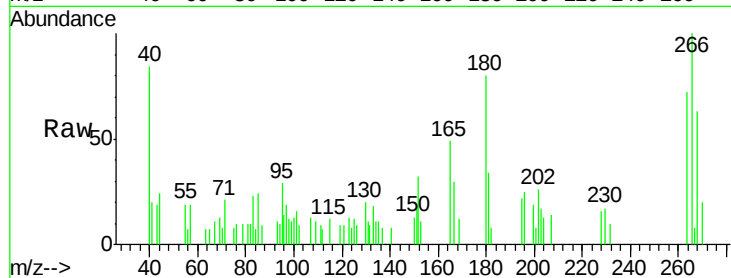
Tot Ion:266 Resp: 3497

Ion Ratio Lower Upper

266 100

264 72.5 56.7 85.1

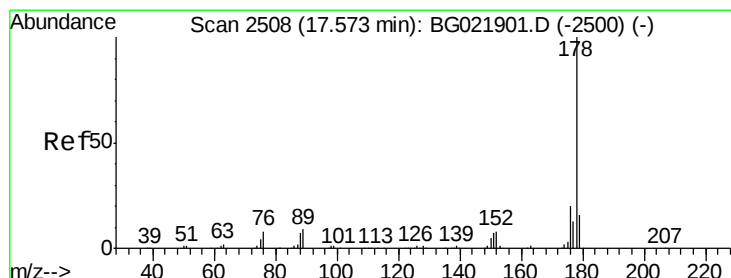
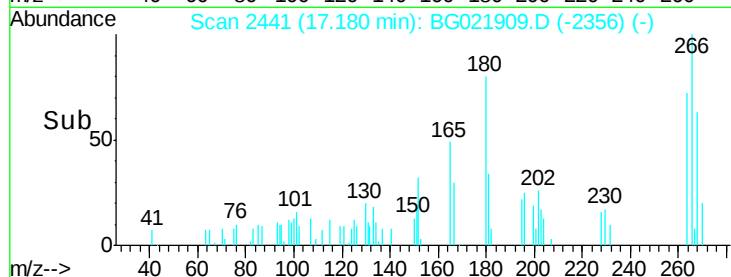
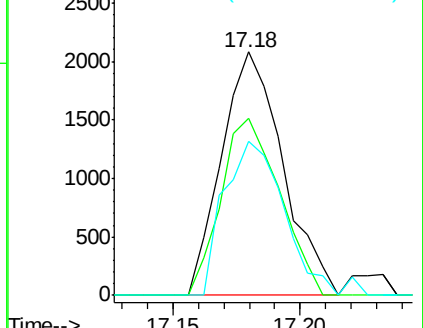
268 63.1 50.6 76.0



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: 2.04 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

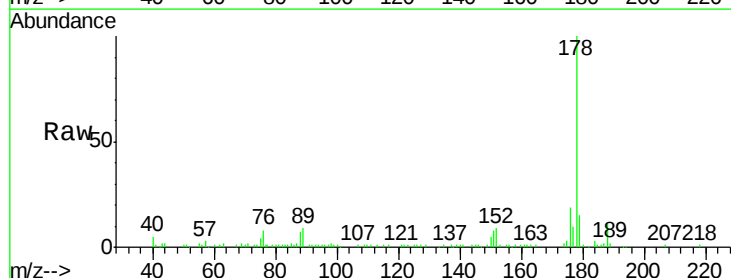
Tgt Ion:178 Resp: 55560

Ion Ratio Lower Upper

178 100

179 14.9 11.8 17.8

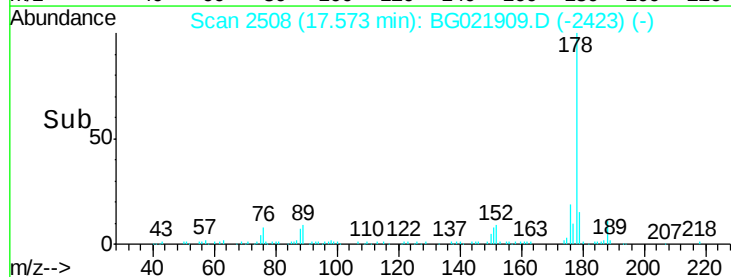
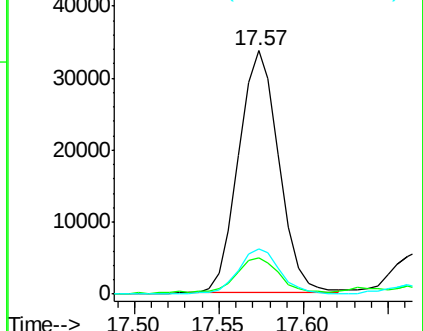
176 18.7 14.8 22.2

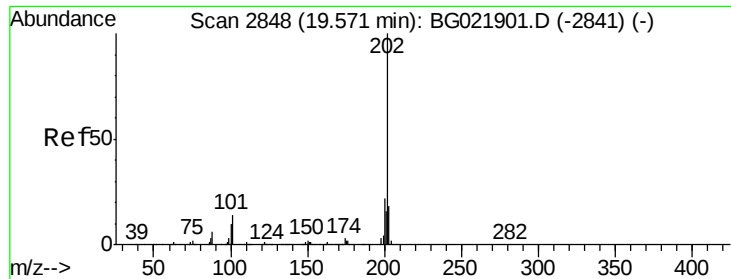


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Fluoranthene

Concen: 3.94 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9XF4

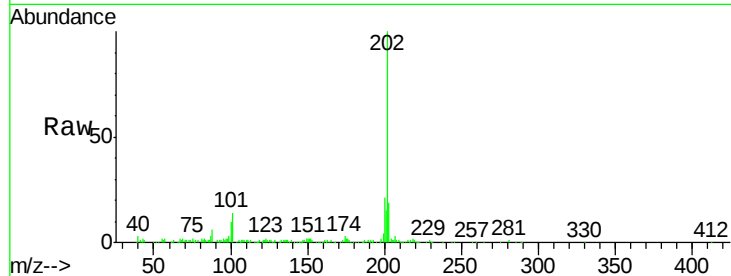
Tot Ion:202 Resp: 121833

Ion Ratio Lower Upper

202 100

101 13.6 8.9 13.3#

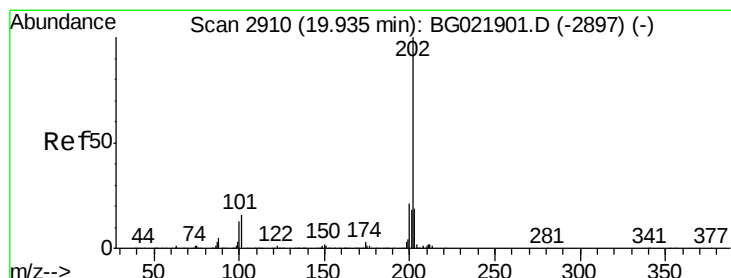
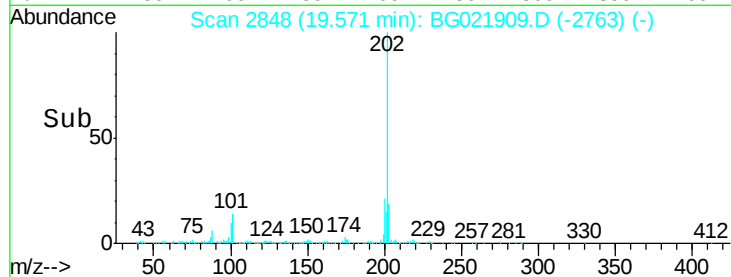
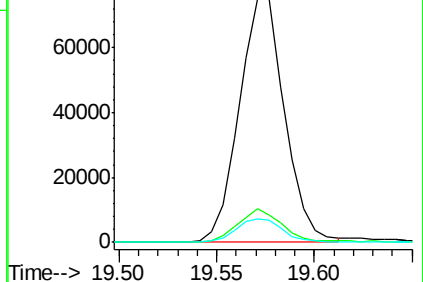
100 9.9 7.0 10.4



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



#78

Pyrene

Concen: 3.48 ng/ul

RT: 19.94 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

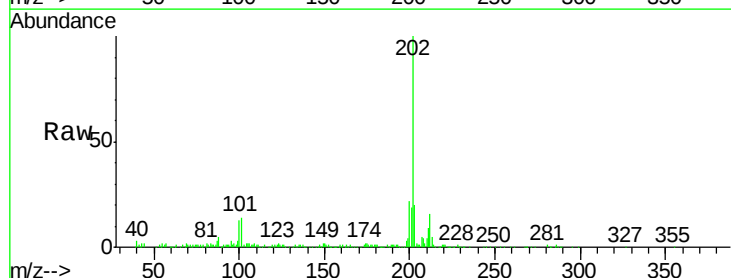
Tgt Ion:202 Resp: 99645

Ion Ratio Lower Upper

202 100

101 14.2 9.8 14.8

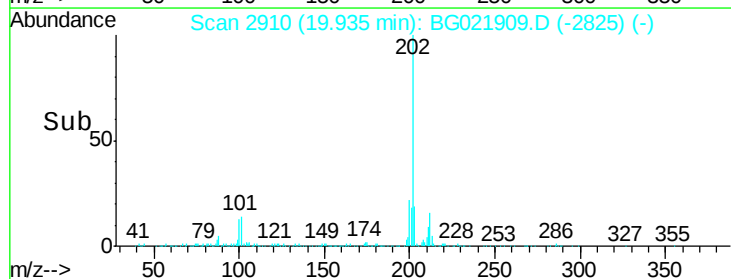
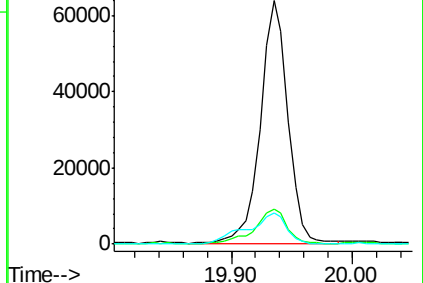
100 12.7 9.3 13.9

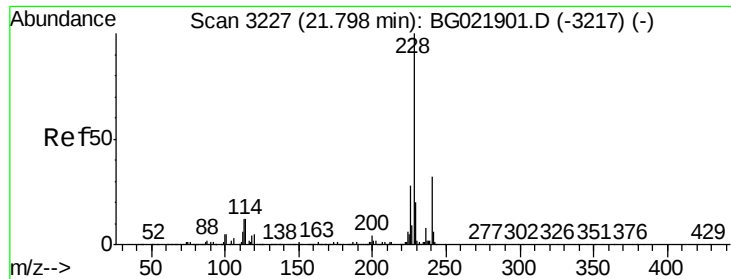


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

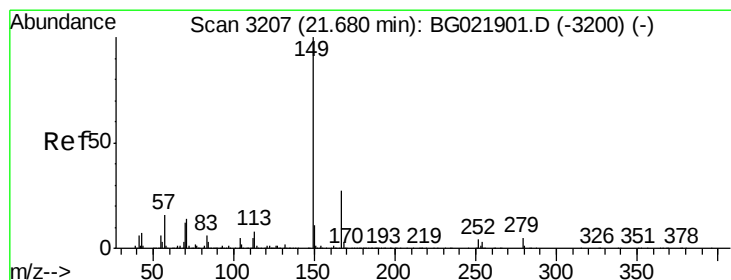
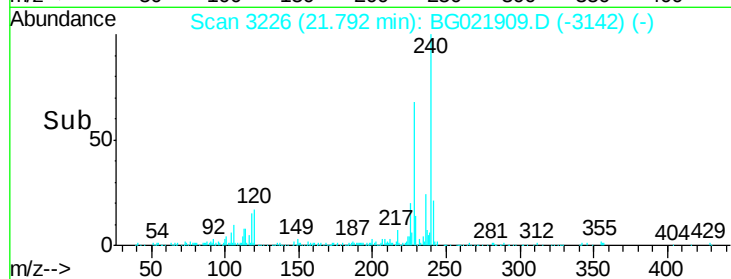
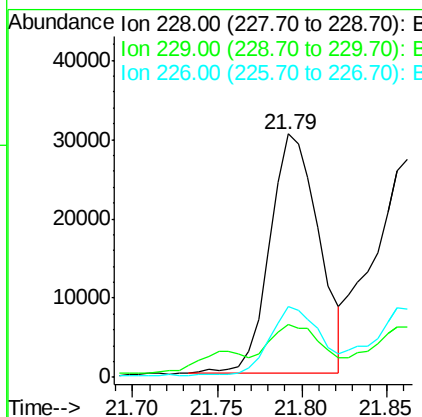
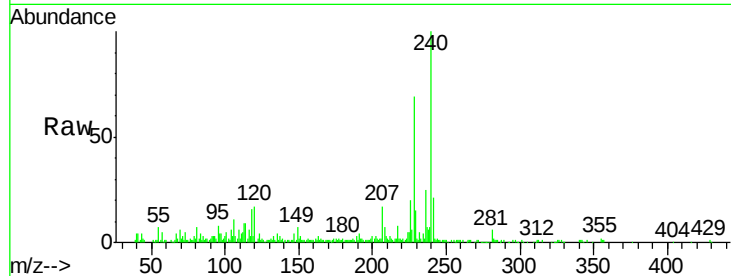




#81
Benzo(a)anthracene
Concen: 2.22 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

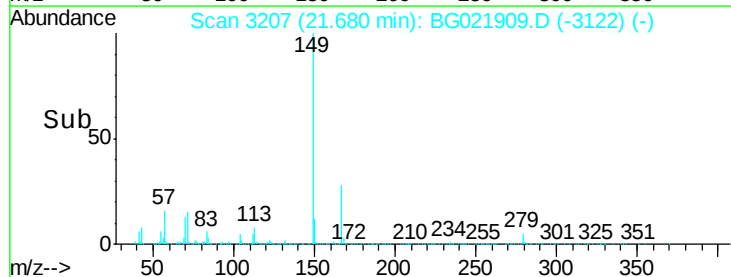
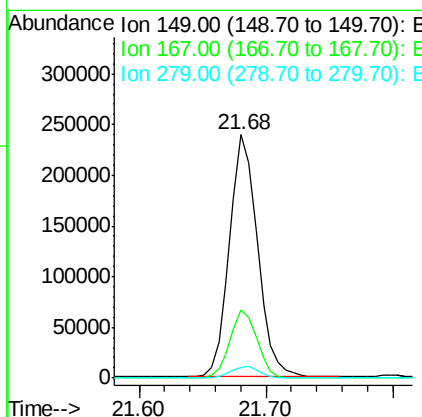
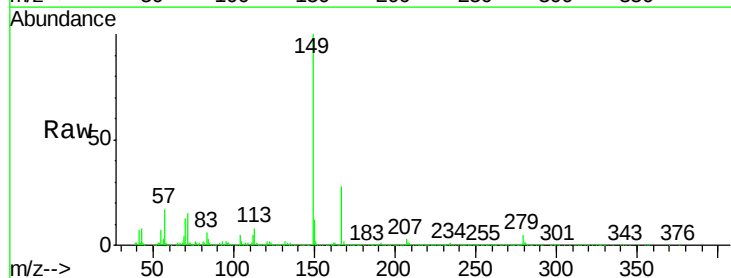
Instrument :
BNA_G
ClientSampleId :
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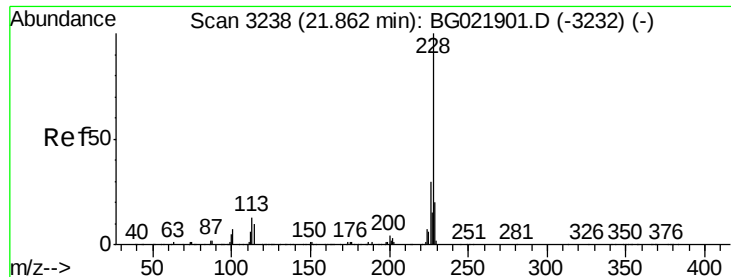
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	29.3	21.0	31.4



#82
Bis(2-ethylhexyl)phthalate
Concen: 35.21 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.5	30.7
279	4.6	3.7	5.5





#83

Chrysene

Concen: 2.28 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9XF4

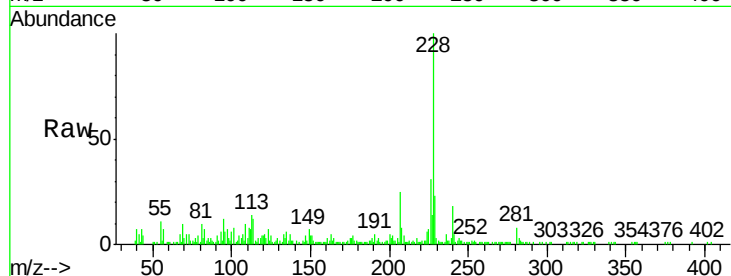
Tot Ion:228 Resp: 62244

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

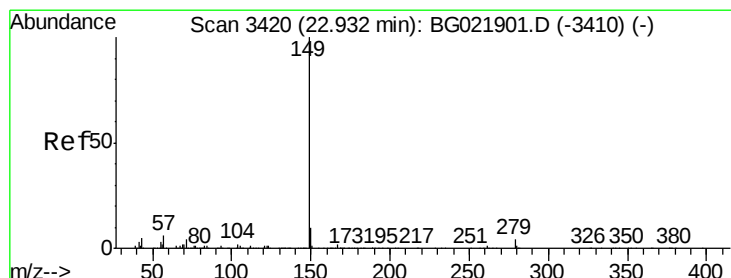
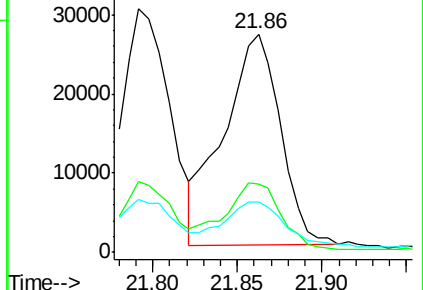
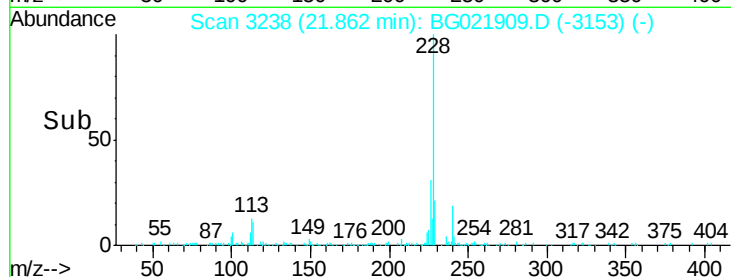
229 23.1 16.2 24.2



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

Di-n-octyl phthalate

Concen: 1.18 ng/ul

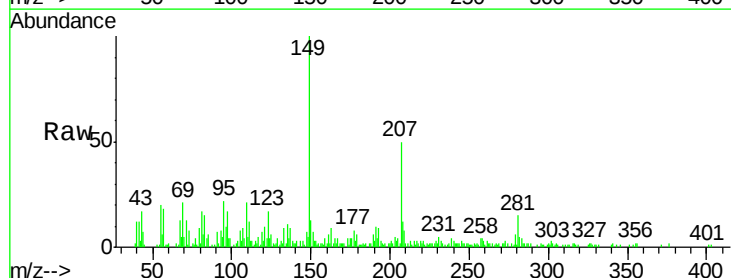
RT: 22.93 min Scan# 3420

Delta R.T. -0.00 min

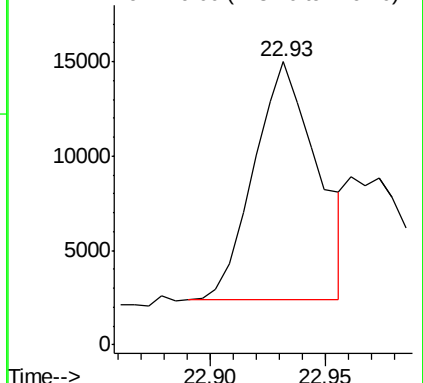
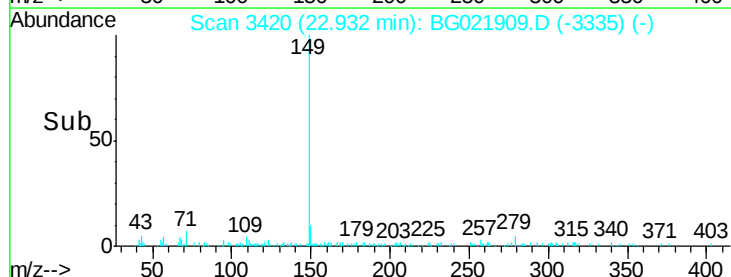
Lab File: BG021909.D

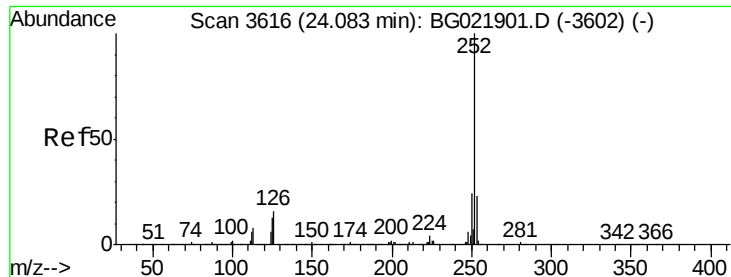
Acq: 16 May 2016 16:45

Tgt Ion:149 Resp: 23995



Abundance Ion 149.00 (148.70 to 149.70): E





#86

Benzo(b)fluoranthene

Concen: 3.50 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. 0.01 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

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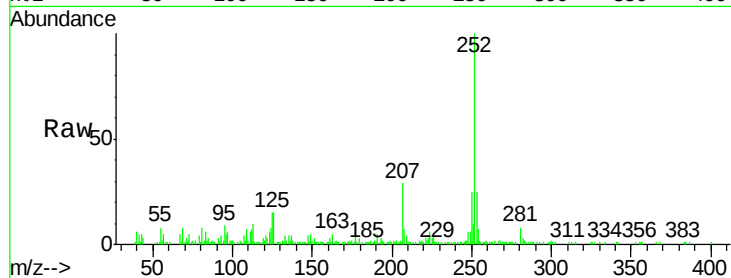
Tot Ion:252 Resp: 99293

Ion Ratio Lower Upper

252 100

253 24.5 18.1 27.1

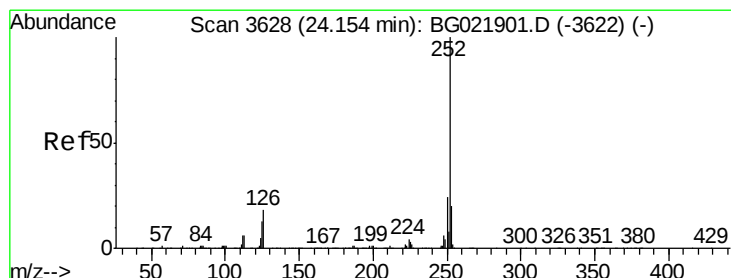
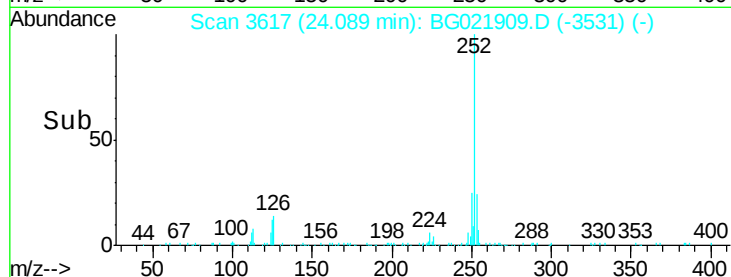
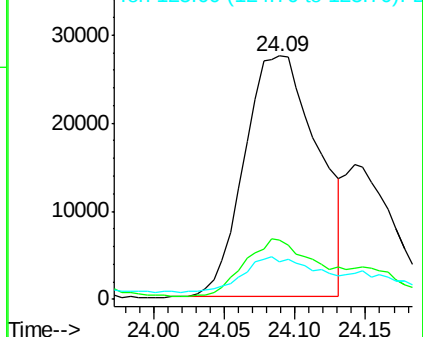
125 15.5 7.6 11.4#



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



#87

Benzo(k)fluoranthene

Concen: 3.27 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. -0.06 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

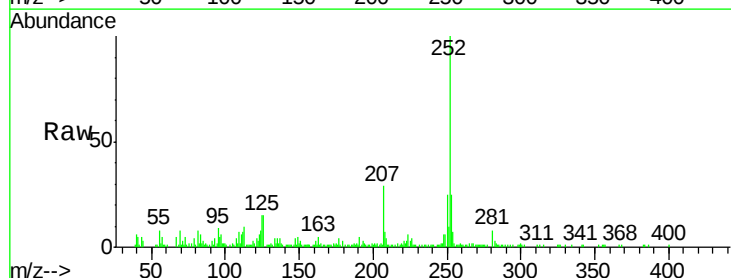
Tgt Ion:252 Resp: 99293

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.8

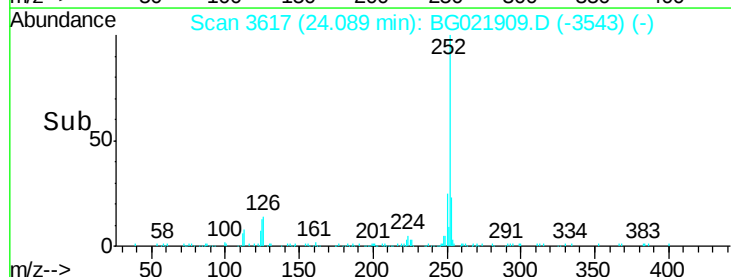
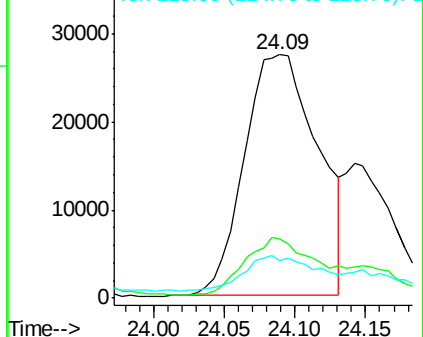
125 15.5 7.7 11.5#

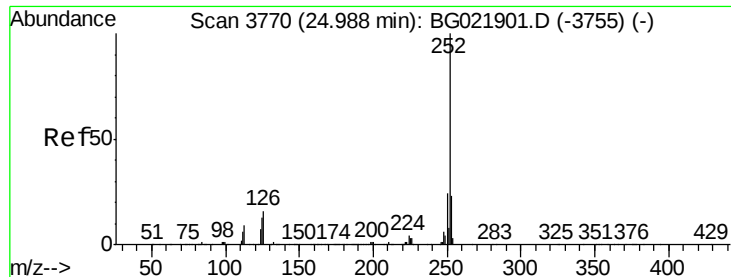


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.37 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9XF4

Tot Ion:252 Resp: 66734

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 14.6 8.2 12.2#

