

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051244.D
 Acq On : 25 Nov 2021 14:36
 Operator : CG/JU
 Sample : M4702-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLP4

Quant Time: Nov 26 02:33:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

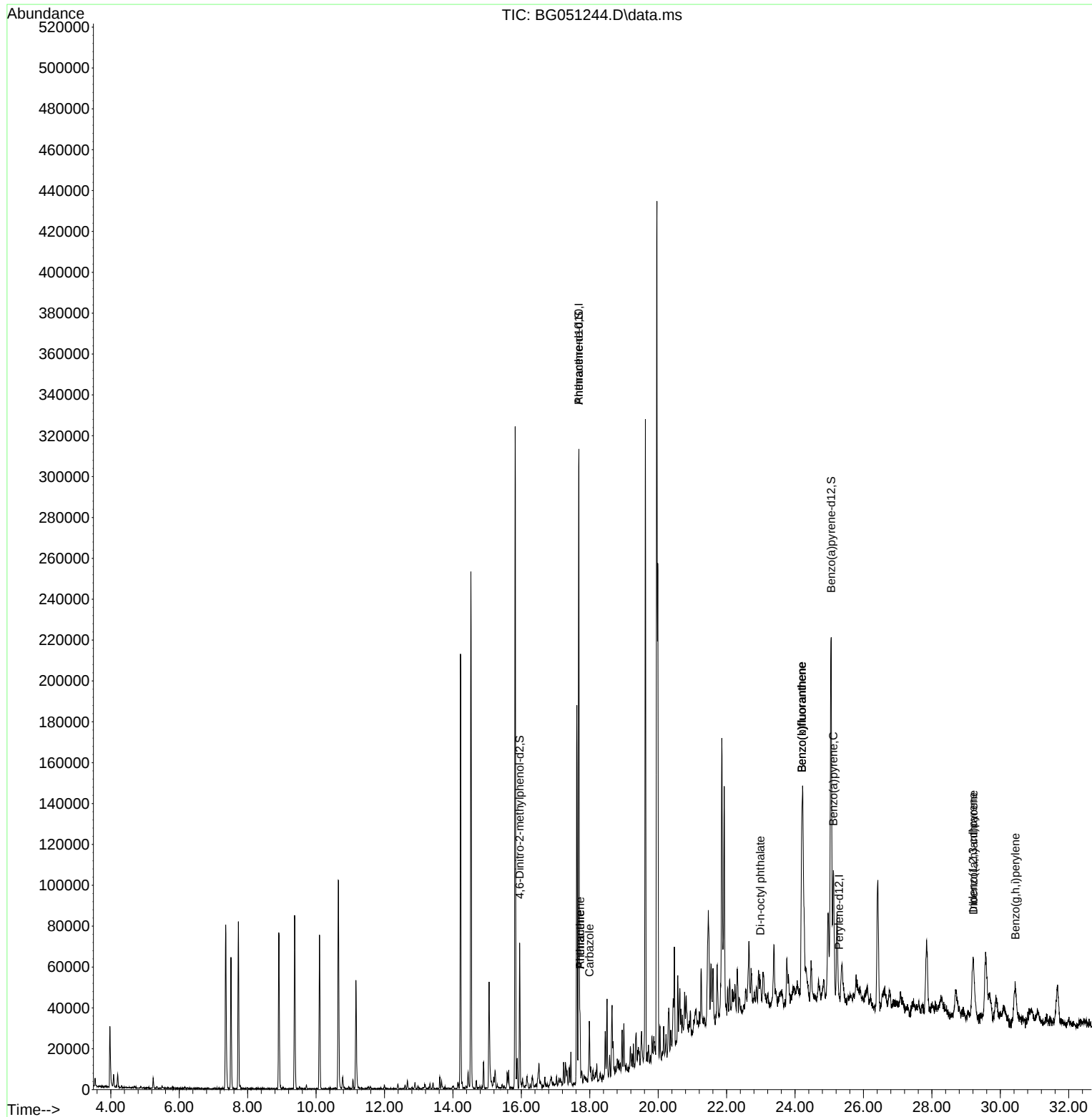
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/u1	-8.20
20) Naphthalene-d8	0.000	136	0	0.000	ng/u1	-11.03
38) Acenaphthene-d10	0.000	164	0	0.000	ng/u1	-14.83
64) Phenanthrene-d10	17.683	188	185910	20.000	ng/u1	0.10
79) Chrysene-d12	0.000	240	0	0.000	ng/u1	-21.88
88) Perylene-d12	25.285	264	63	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	2425	0.000	ng/uL	0.00
4) Pyridine-d5	3.975	84	18803	0.000	ng/u1	0.00
7) Phenol-d5	7.359	99	50687	0.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	33810	0.000	ng/u1	0.00
11) 2-Chlorophenol-d4	7.730	132	38498	0.000	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	31843	0.000	ng/u1	0.00
21) Nitrobenzene-d5	9.381	128	21053	0.000	ng/u1	0.00
24) 2-Nitrophenol-d4	10.103	143	24539	0.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	40780	0.000	ng/u1	0.00
31) 4-Chloroaniline-d4	11.167	131	31707	0.000	ng/u1	0.00
46) Dimethylphthalate-d6	14.222	166	144131	0.000	ng/u1	0.00
49) Acenaphthylene-d8	14.527	160	179690	0.000	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	16324	0.000	ng/u1	0.00
60) Fluorene-d10	15.820	176	130106	0.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	16197	14.119	ng/u1	0.00
73) Anthracene-d10	17.683	188	185910	20.909	ng/u1	0.00
81) Pyrene-d10	19.962	212	215087	0.000	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.056	264	180247	53570.997	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.718	178	22215	2.164	ng/u1	97
74) Anthracene	17.718	178	21239	2.083	ng/u1	98
77) Carbazole	17.988	167	17579	1.964	ng/u1	96
89) Di-n-octyl phthalate	22.988	149	881	193.027	ng/u1	100
90) Benzo(b)fluoranthene	24.198	252	104757	24639.133	ng/u1	97
91) Benzo(k)fluoranthene	24.198	252	104757	26256.297	ng/u1	95
93) Benzo(a)pyrene	25.121	252	66450	16382.456	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	29.204	276	46741	10297.711	ng/u1#	91
95) Dibenzo(a,h)anthracene	29.216	278	5025	1304.958	ng/u1	93
96) Benzo(g,h,i)perylene	30.438	276	36863	9652.859	ng/u1	99

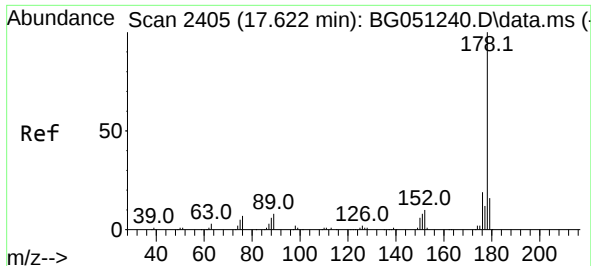
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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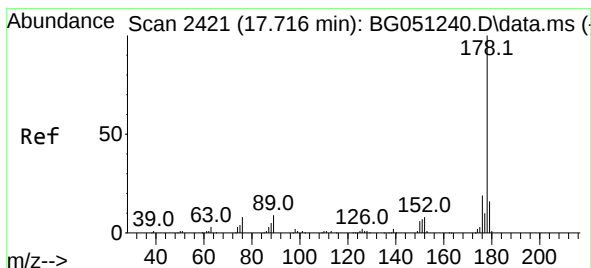
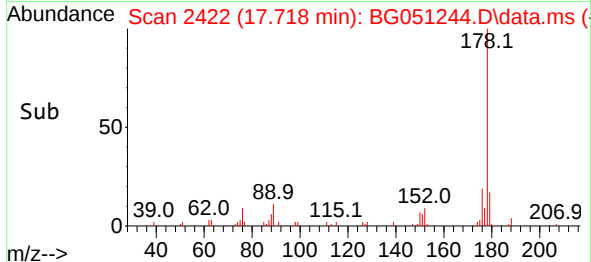
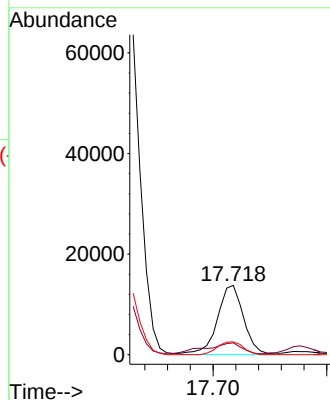
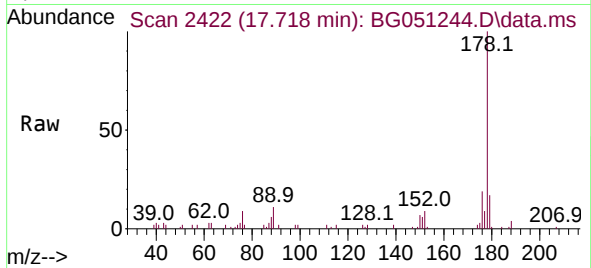




#72
Phenanthrene
Concen: 2.164 ng/ul
RT: 17.718 min Scan# 2422
Delta R.T. 0.096 min
Lab File: BG051244.D
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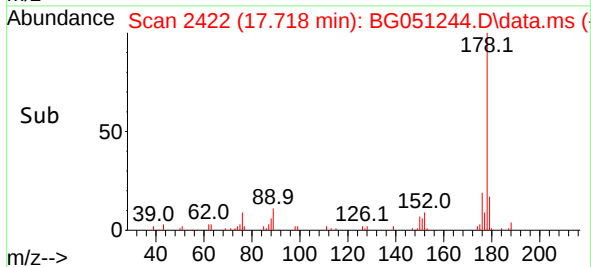
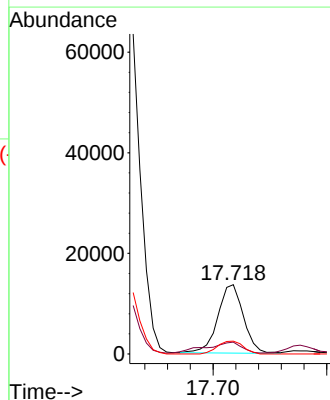
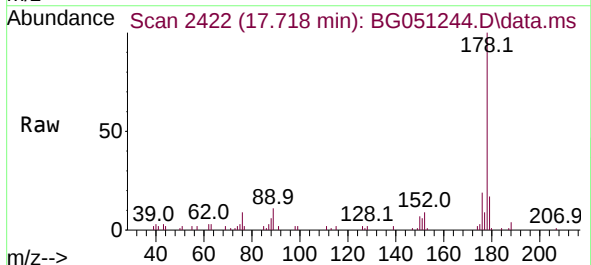
Instrument :
BNA_G
ClientSampleId :
DBLP4

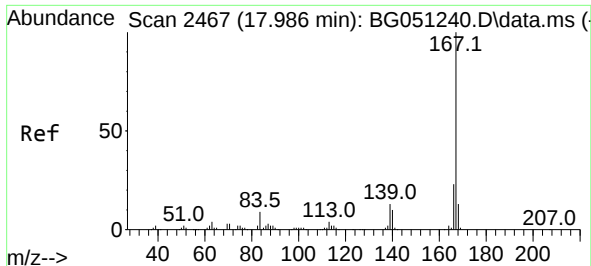
Tgt Ion:178 Resp: 22215
Ion Ratio Lower Upper
178 100
179 17.1 12.3 18.5
176 18.6 15.5 23.3



#74
Anthracene
Concen: 2.083 ng/ul
RT: 17.718 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BG051244.D
Acq: 25 Nov 2021 14:36

Tgt Ion:178 Resp: 21239
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 18.6 15.6 23.4

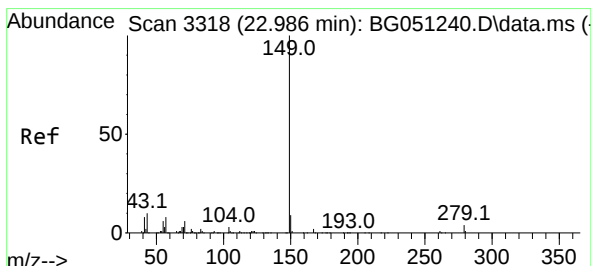
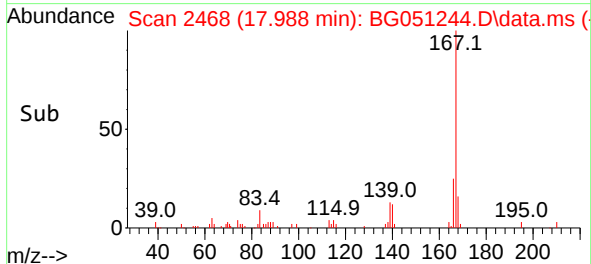
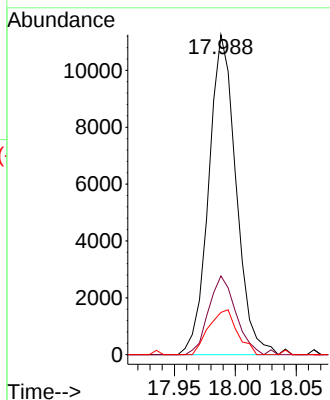
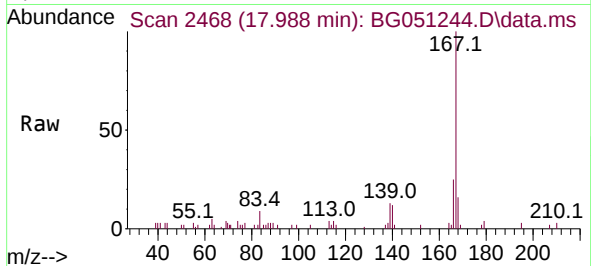




#77
 Carbazole
 Concen: 1.964 ng/ul
 RT: 17.988 min Scan# 2468
 Delta R.T. 0.002 min
 Lab File: BG051244.D
 Acq: 25 Nov 2021 14:36

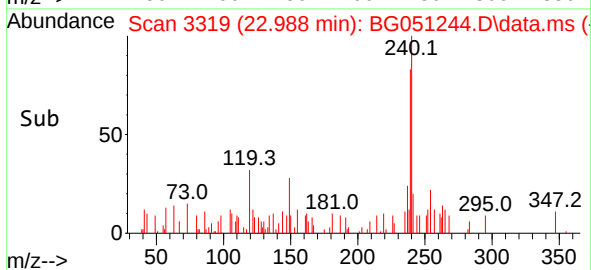
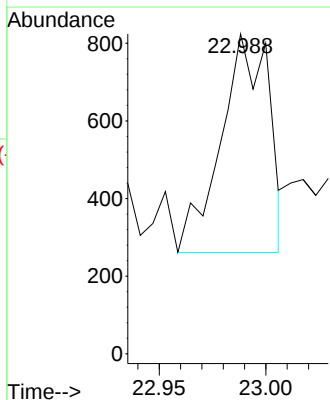
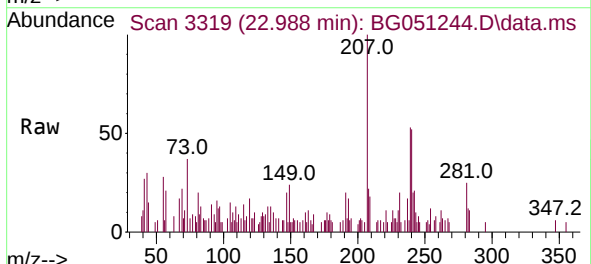
Instrument :
 BNA_G
 ClientSampleId :
 DBLP4

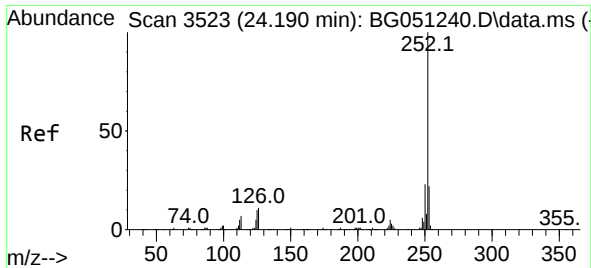
Tgt Ion:167 Resp: 17579
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.3 25.9
 139 13.2 10.6 16.0



#89
 Di-n-octyl phthalate
 Concen: 193.027 ng/ul
 RT: 22.988 min Scan# 3319
 Delta R.T. 0.002 min
 Lab File: BG051244.D
 Acq: 25 Nov 2021 14:36

Tgt Ion:149 Resp: 881

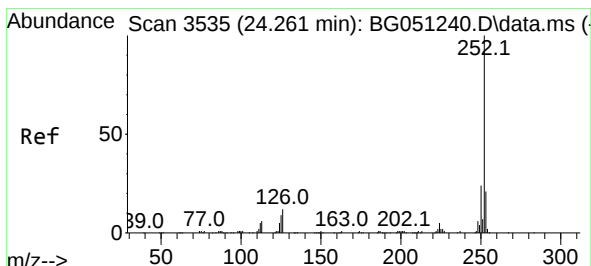
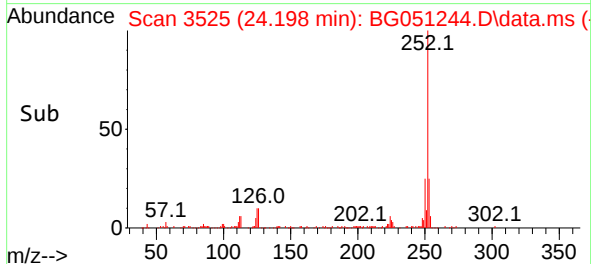
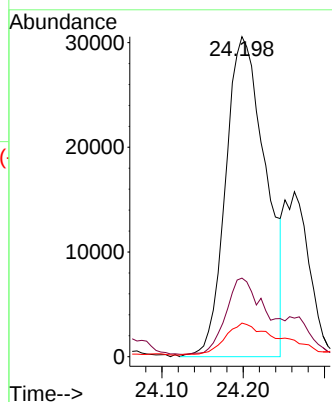
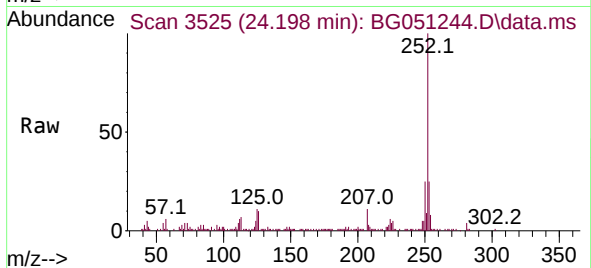




#90
Benzo(b)fluoranthene
Concen: 24639.133 ng/u1
RT: 24.198 min Scan# 3525
Delta R.T. 0.008 min
Lab File: BG051244.D
Acq: 25 Nov 2021 14:36

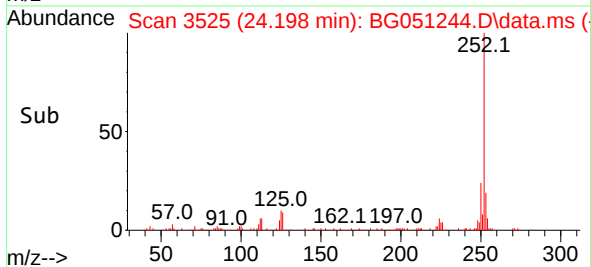
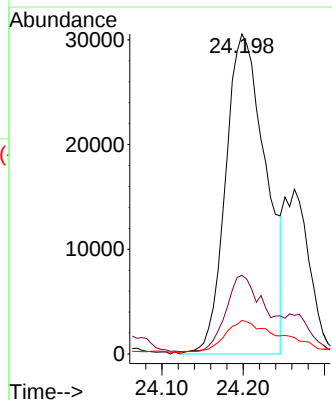
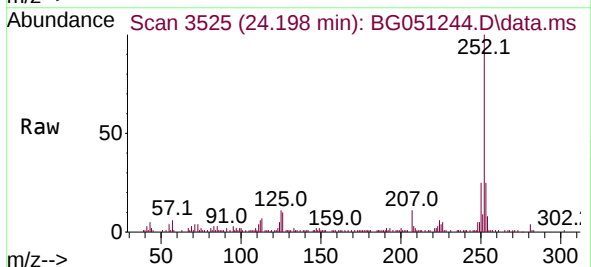
Instrument :
BNA_G
ClientSampleId :
DBLP4

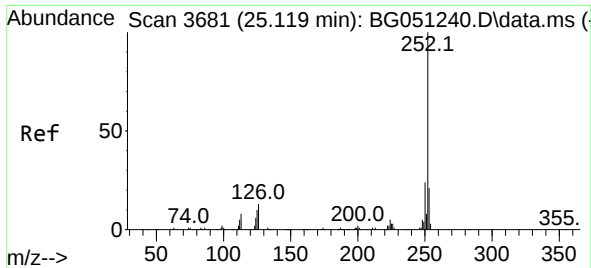
Tgt Ion:252 Resp: 104757
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 10.5 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 26256.297 ng/u1
RT: 24.198 min Scan# 3525
Delta R.T. -0.062 min
Lab File: BG051244.D
Acq: 25 Nov 2021 14:36

Tgt Ion:252 Resp: 104757
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 10.5 7.8 11.6

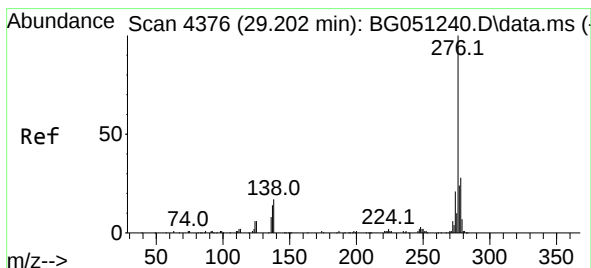
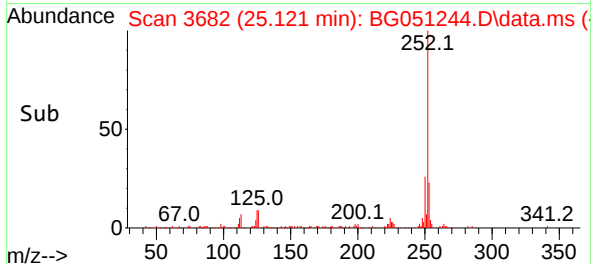
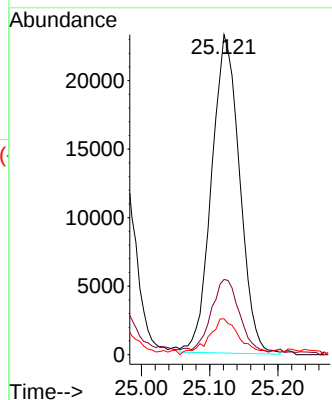
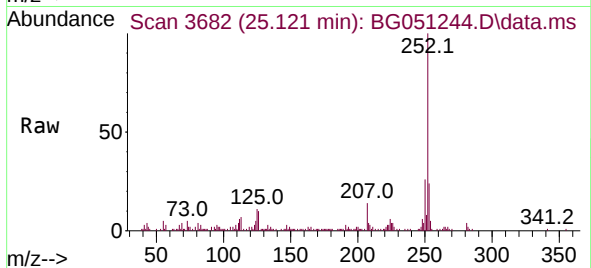




#93
Benzo(a)pyrene
Concen: 16382.456 ng/u1
RT: 25.121 min Scan# 3682
Delta R.T. -0.003 min
Lab File: BG051244.D
Acq: 25 Nov 2021 14:36

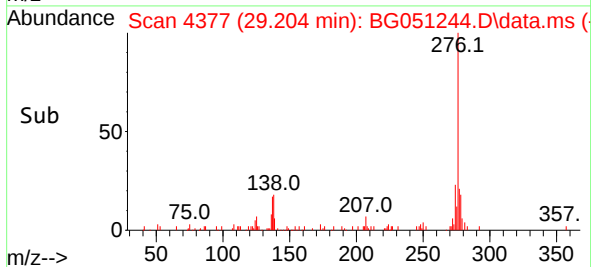
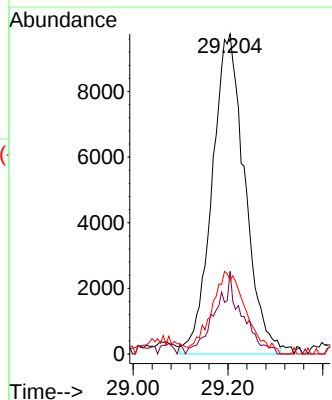
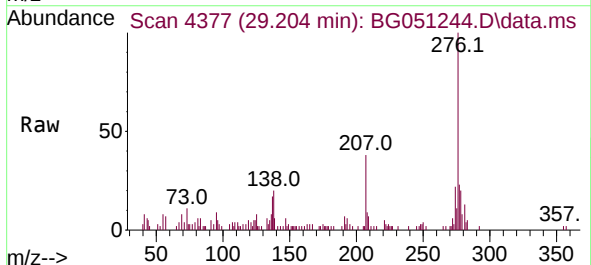
Instrument :
BNA_G
ClientSampleId :
DBLP4

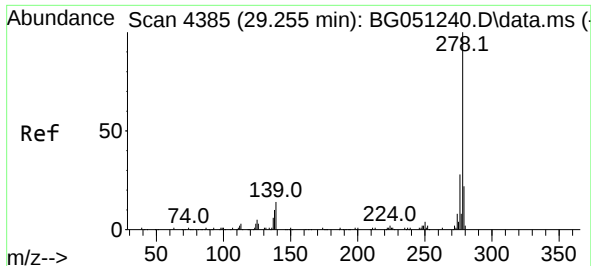
Tgt Ion:252 Resp: 66450
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 11.2 9.1 13.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 10297.711 ng/u1
RT: 29.204 min Scan# 4377
Delta R.T. 0.014 min
Lab File: BG051244.D
Acq: 25 Nov 2021 14:36

Tgt Ion:276 Resp: 46741
Ion Ratio Lower Upper
276 100
138 25.8 15.5 23.3#
277 22.9 20.5 30.7

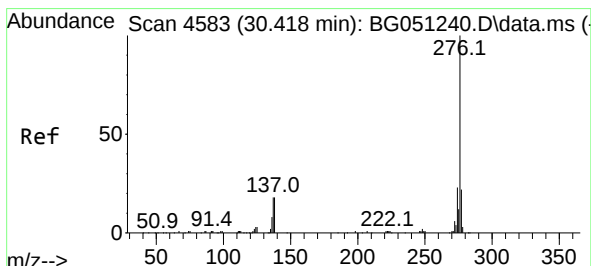
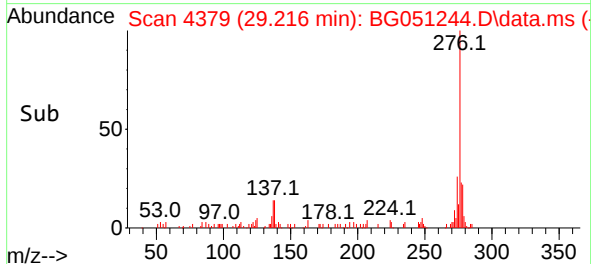
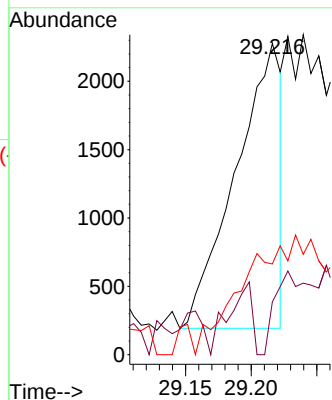
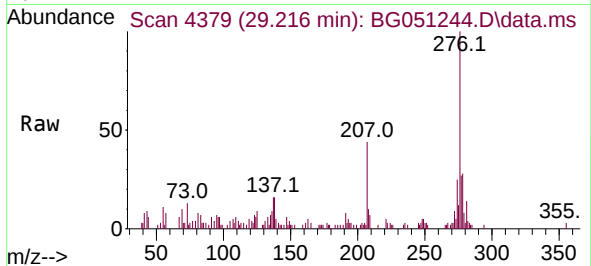




#95
Dibenzo(a,h)anthracene
Concen: 1304.958 ng/ul
RT: 29.216 min Scan# 41
Delta R.T. -0.027 min
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BNA_G
ClientSampleId :
DBLP4

Tgt Ion:278 Resp: 5025
Ion Ratio Lower Upper
278 100
139 17.0 12.2 18.4
279 29.2 19.5 29.3



#96
Benzo(g,h,i)perylene
Concen: 9652.859 ng/ul
RT: 30.438 min Scan# 4587
Delta R.T. 0.026 min
Lab File: BG051244.D
Acq: 25 Nov 2021 14:36

Tgt Ion:276 Resp: 36863
Ion Ratio Lower Upper
276 100
138 20.7 16.6 24.8
277 22.9 17.6 26.4

