

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063709.D
 Acq On : 17 Dec 2024 22:25
 Operator : RC/JU
 Sample : P5155-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28Q9

Quant Time: Dec 18 03:57:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

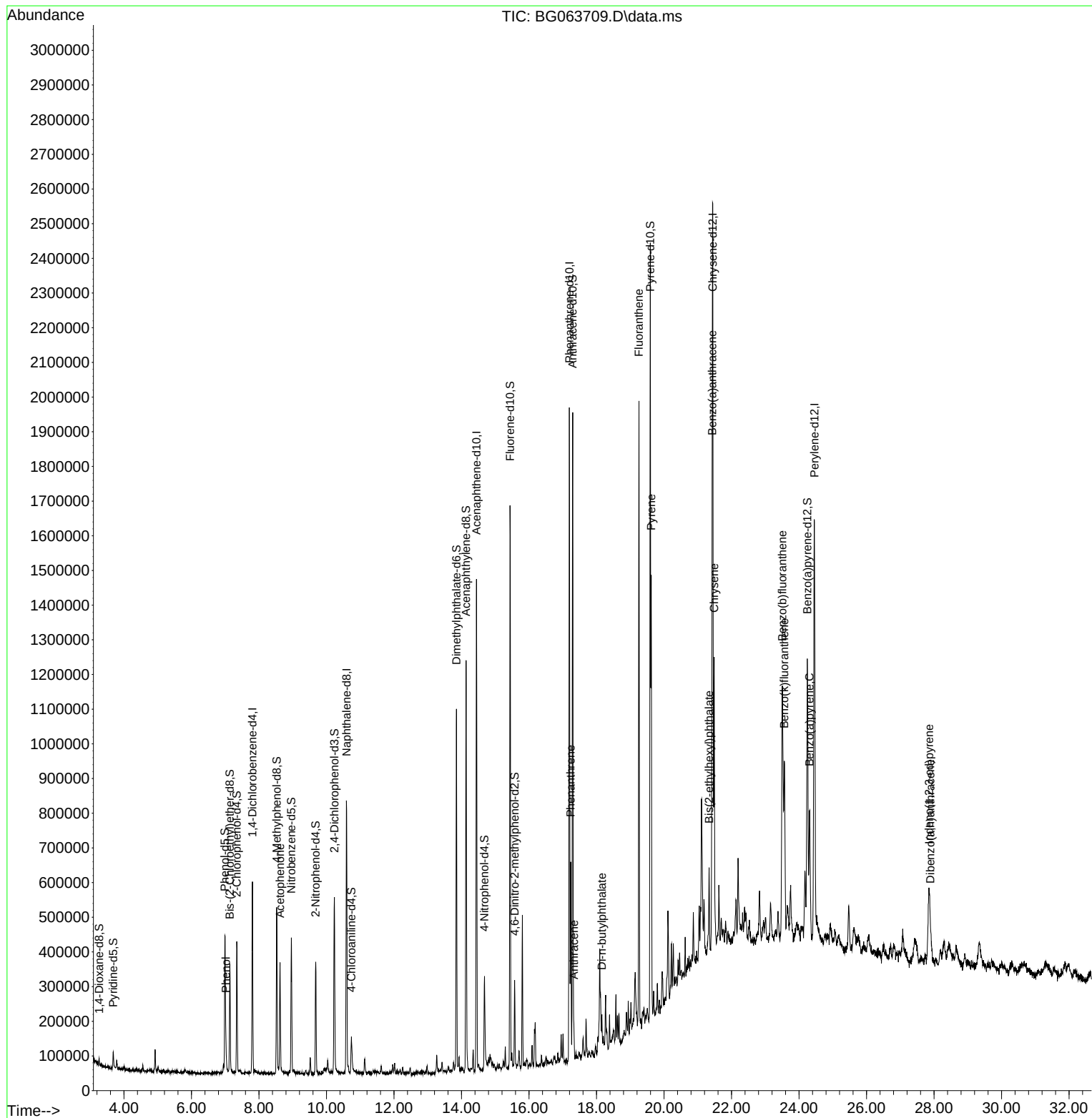
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	148263	20.000	ng/u1	0.00
20) Naphthalene-d8	10.590	136	648655	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	508209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.194	188	1129107	20.000	ng/u1	-0.01
79) Chrysene-d12	21.442	240	1063642	20.000	ng/u1	-0.02
88) Perylene-d12	24.456	264	1153582	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9558	2.526	ng/uL	-0.01
4) Pyridine-d5	3.681	84	29479	2.470	ng/u1	0.00
7) Phenol-d5	6.989	99	246530	18.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	153822	16.310	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.341	132	160622	18.169	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	181246	17.096	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	86325	18.639	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.680	143	99038	19.077	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.232	165	199445	19.842	ng/u1	0.00
31) 4-Chloroaniline-d4	10.737	131	65417	5.126	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	701794	20.294	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	794282	20.149	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.680	143	83306m	17.002	ng/u1	0.00
60) Fluorene-d10	15.438	176	645577	21.114	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	61001	10.406	ng/u1	0.00
73) Anthracene-d10	17.294	188	1063869	21.915	ng/u1	-0.01
81) Pyrene-d10	19.592	212	1062823	19.202	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.245	264	824194	15.214	ng/u1	-0.03
Target Compounds						Qvalue
8) Phenol	7.018	94	37523m	2.578	ng/u1	
16) Acetophenone	8.622	105	175773	9.775	ng/u1#	90
72) Phenanthrene	17.235	178	358014	6.580	ng/u1	98
74) Anthracene	17.329	178	65395	1.187	ng/u1	98
78) Di-n-butylphthalate	18.158	149	59169	1.099	ng/u1	98
80) Fluoranthene	19.257	202	1093680	17.385	ng/u1	98
82) Pyrene	19.621	202	787392	11.764	ng/u1	96
85) Benzo(a)anthracene	21.425	228	544293	8.165	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	87291	2.921	ng/u1	98
87) Chrysene	21.483	228	560871m	8.828	ng/u1	
90) Benzo(b)fluoranthene	23.505	252	864922	13.192	ng/u1	98
91) Benzo(k)fluoranthene	23.558	252	286803	4.385	ng/u1#	96
93) Benzo(a)pyrene	24.310	252	362557	5.891	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	27.852	276	343001m	4.564	ng/u1	
95) Dibenzo(a,h)anthracene	27.894	278	110008m	1.829	ng/u1	

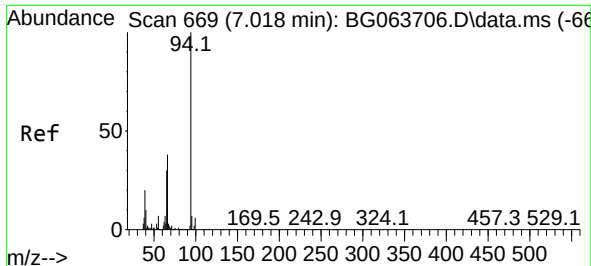
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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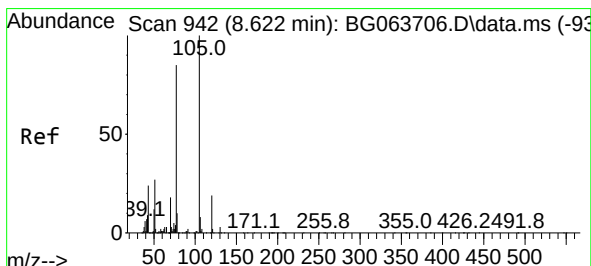
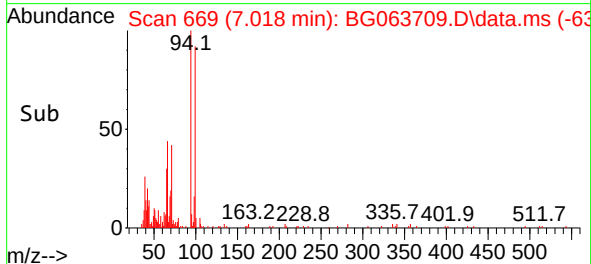
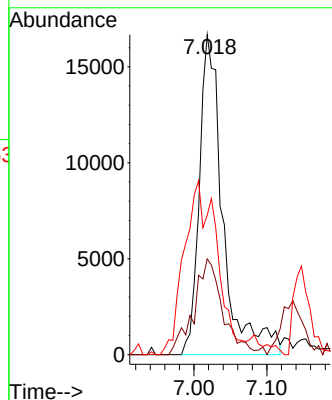
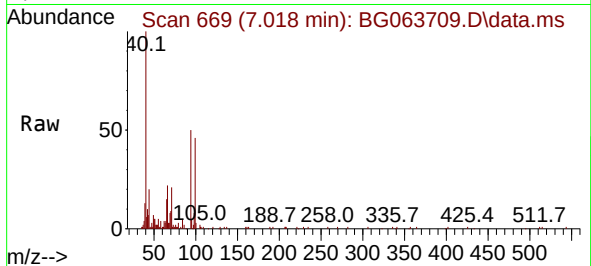




#8
Phenol
Concen: 2.578 ng/ul m
RT: 7.018 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG063709.D
Acq: 17 Dec 2024 22:25

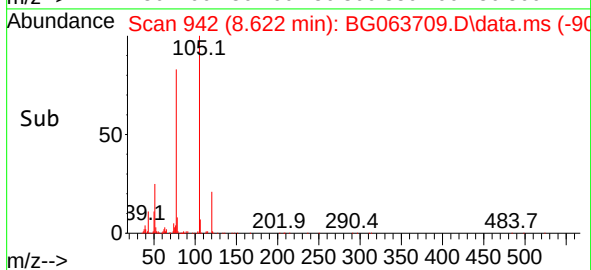
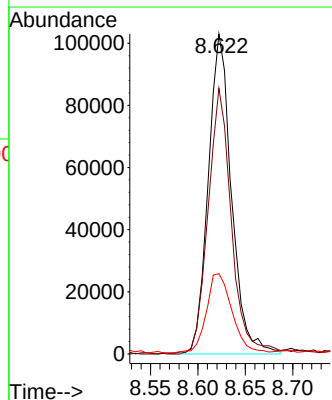
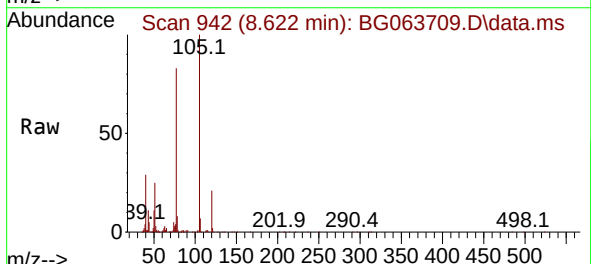
Instrument :
BNA_G
ClientSampleId :
E28Q9

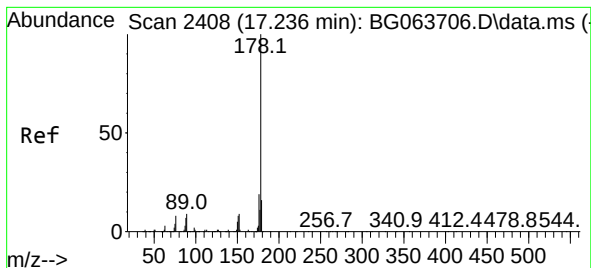
Tgt Ion: 94 Resp: 37523
Ion Ratio Lower Upper
94 100
65 30.0 25.6 38.4
66 43.6 34.2 51.2



#16
Acetophenone
Concen: 9.775 ng/ul
RT: 8.622 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG063709.D
Acq: 17 Dec 2024 22:25

Tgt Ion: 105 Resp: 175773
Ion Ratio Lower Upper
105 100
77 83.0 73.6 110.4
51 25.1 25.4 38.2#





#72

Phenanthrene

Concen: 6.580 ng/ul

RT: 17.235 min Scan# 2408

Delta R.T. -0.012 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

Instrument :

BNA_G

ClientSampleId :

E28Q9

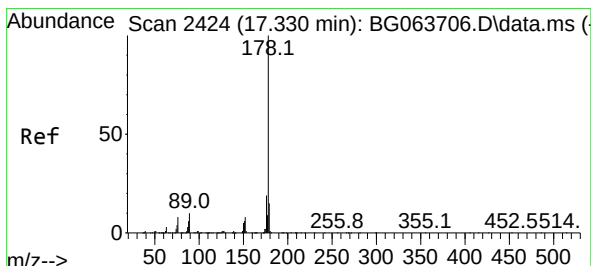
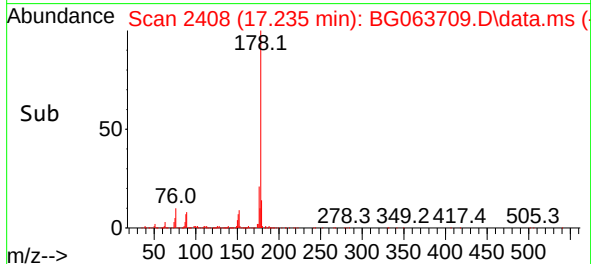
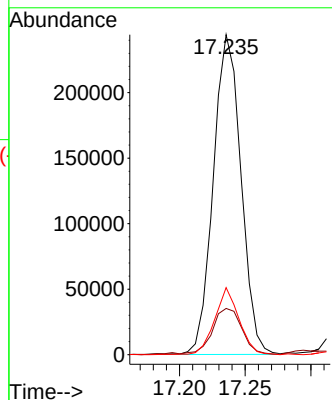
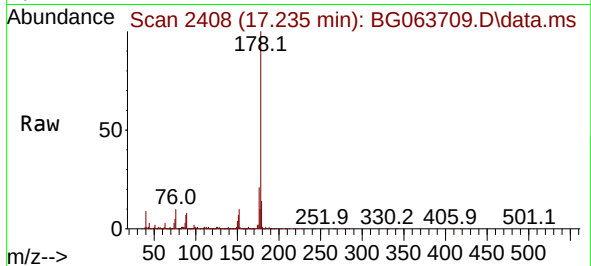
Tgt Ion:178 Resp: 358014

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.2

176 20.9 15.8 23.6



#74

Anthracene

Concen: 1.187 ng/ul

RT: 17.329 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

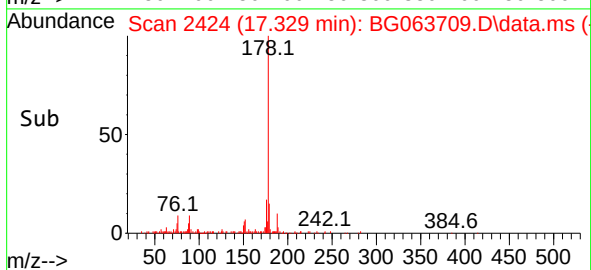
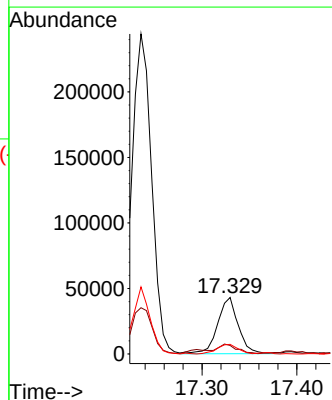
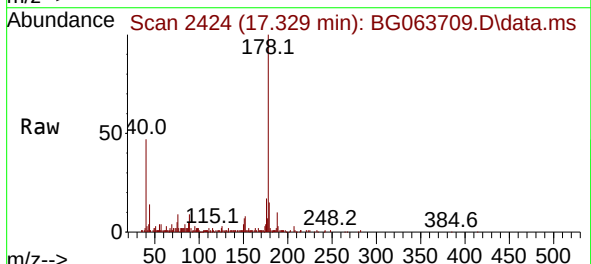
Tgt Ion:178 Resp: 65395

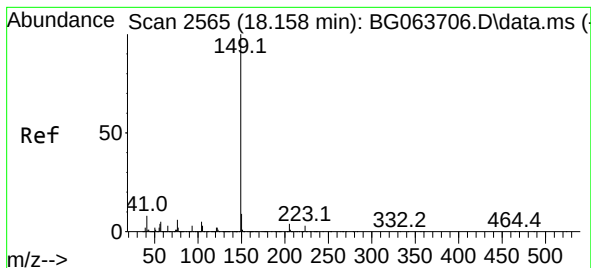
Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

176 17.1 14.4 21.6





#78

Di-n-butylphthalate

Concen: 1.099 ng/ul

RT: 18.158 min Scan# 2565

Delta R.T. -0.012 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

Instrument :

BNA_G

ClientSampleId :

E28Q9

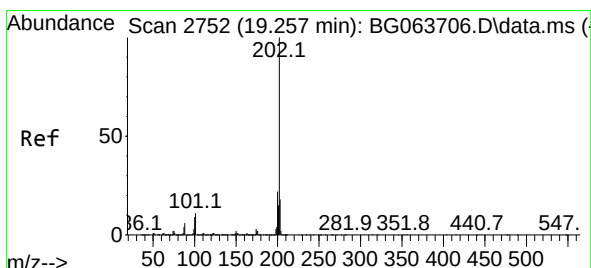
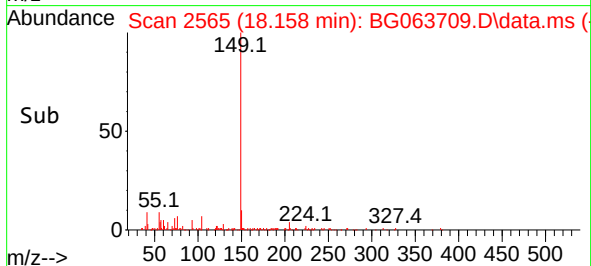
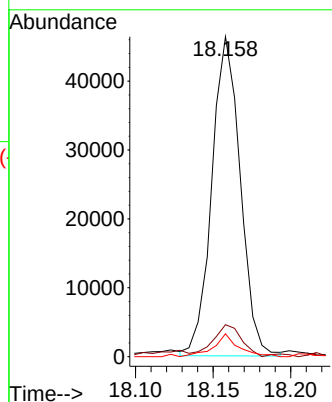
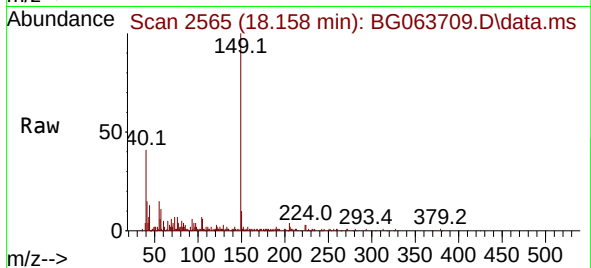
Tgt Ion:149 Resp: 59169

Ion Ratio Lower Upper

149 100

150 10.0 7.2 10.8

104 7.2 5.4 8.0



#80

Fluoranthene

Concen: 17.385 ng/ul

RT: 19.257 min Scan# 2752

Delta R.T. -0.012 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

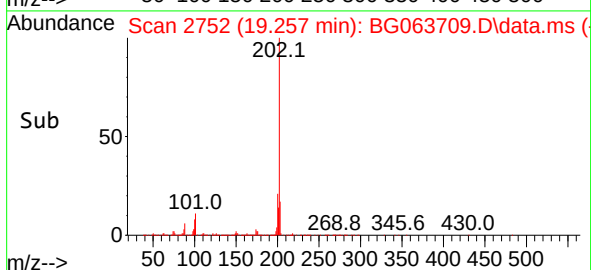
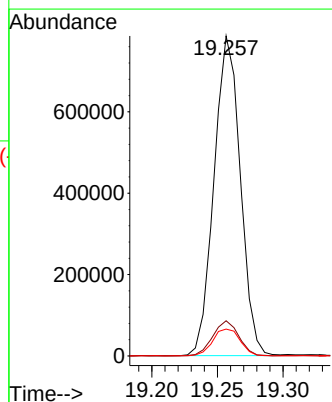
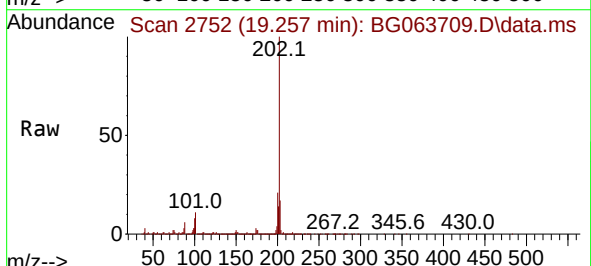
Tgt Ion:202 Resp: 1093680

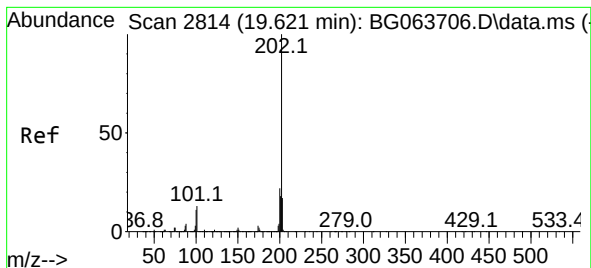
Ion Ratio Lower Upper

202 100

101 11.0 8.1 12.1

100 8.4 6.5 9.7





#82

Pyrene

Concen: 11.764 ng/ul

RT: 19.621 min Scan# 2814

Delta R.T. -0.012 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

Instrument :

BNA_G

ClientSampleId :

E28Q9

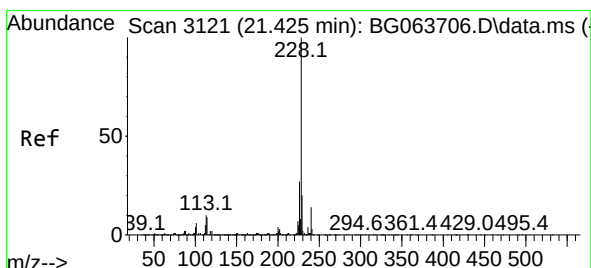
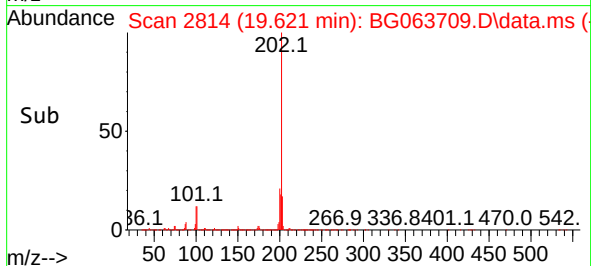
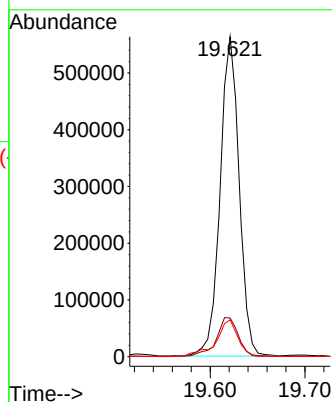
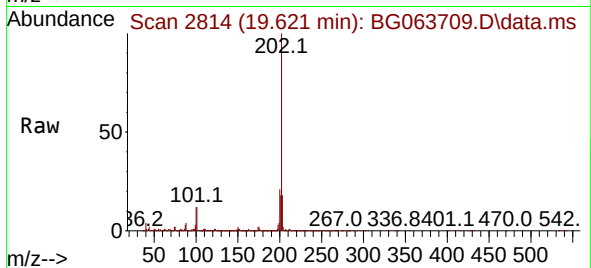
Tgt Ion:202 Resp: 787392

Ion Ratio Lower Upper

202 100

101 12.1 8.7 13.1

100 11.6 7.8 11.6



#85

Benzo(a)anthracene

Concen: 8.165 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. -0.018 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

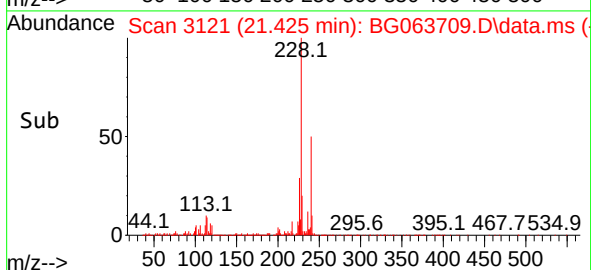
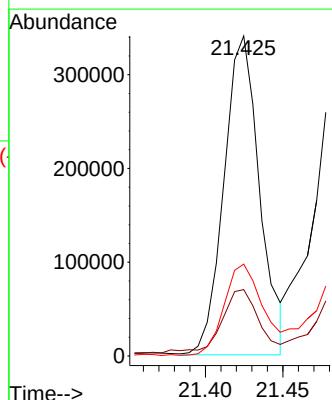
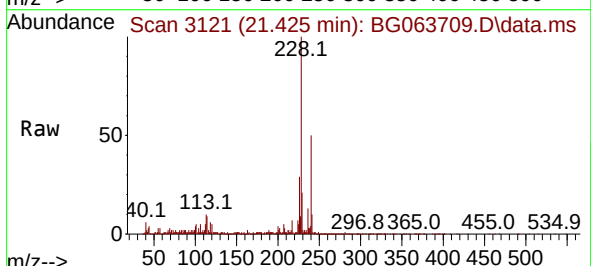
Tgt Ion:228 Resp: 544293

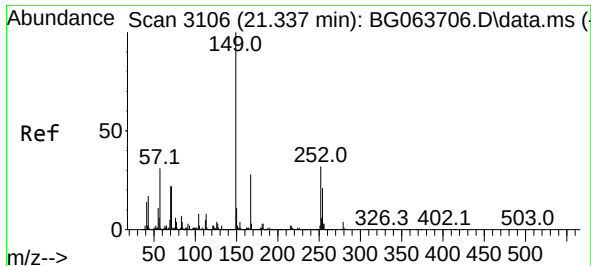
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 28.7 22.0 33.0

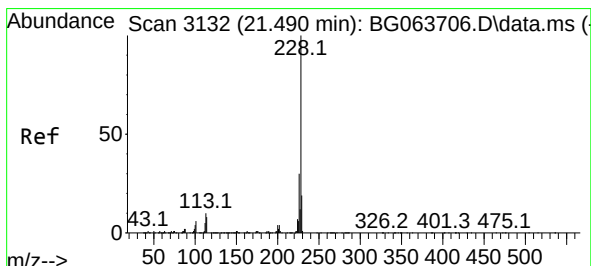
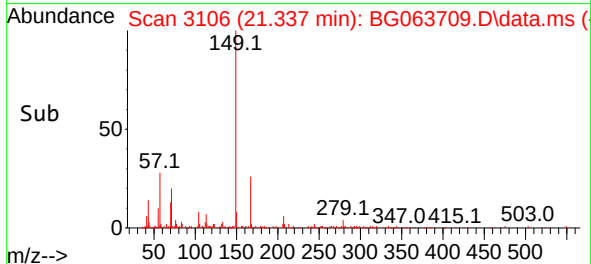
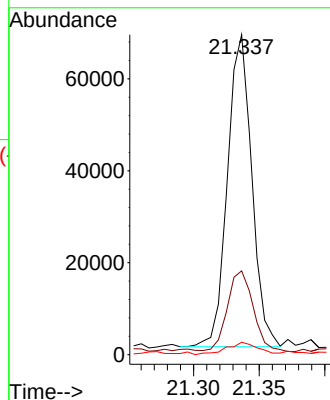
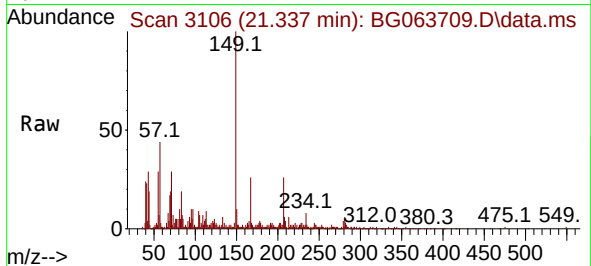




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.921 ng/ul
 RT: 21.337 min Scan# 3106
 Delta R.T. -0.018 min
 Lab File: BG063709.D
 Acq: 17 Dec 2024 22:25

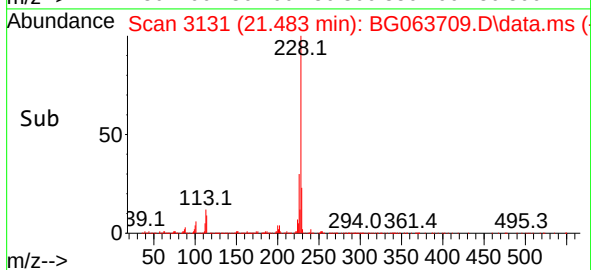
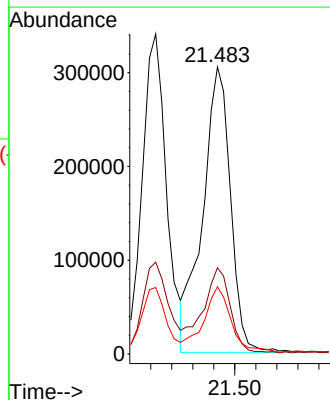
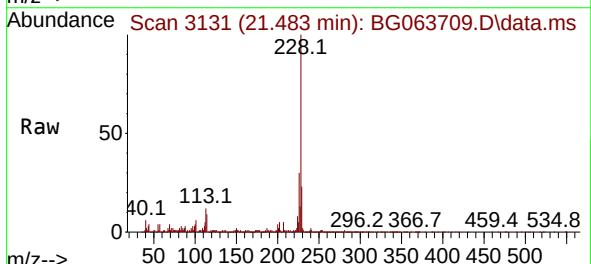
Instrument :
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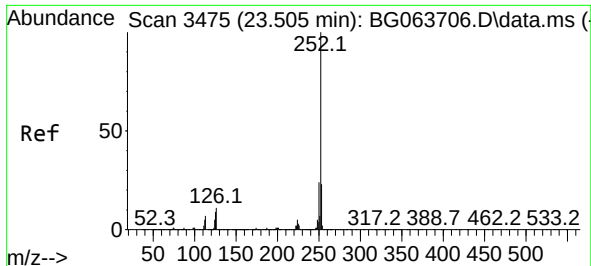
Tgt Ion:149 Resp: 87291
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.1 33.1
 279 3.9 2.9 4.3



#87
 Chrysene
 Concen: 8.828 ng/ul m
 RT: 21.483 min Scan# 3131
 Delta R.T. -0.018 min
 Lab File: BG063709.D
 Acq: 17 Dec 2024 22:25

Tgt Ion:228 Resp: 560871
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 23.4 14.8 22.2#

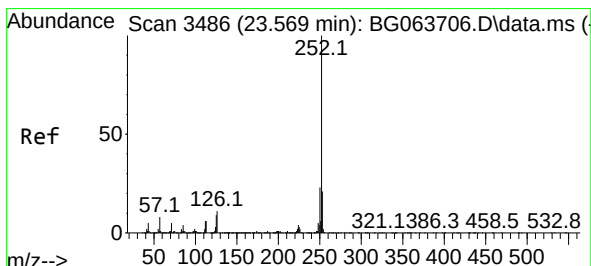
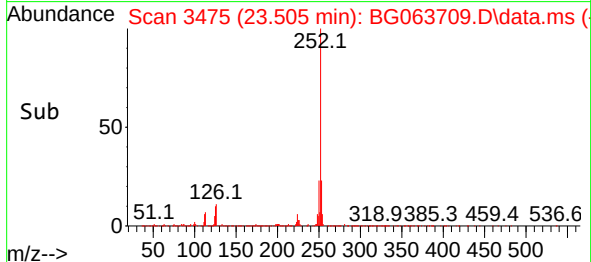
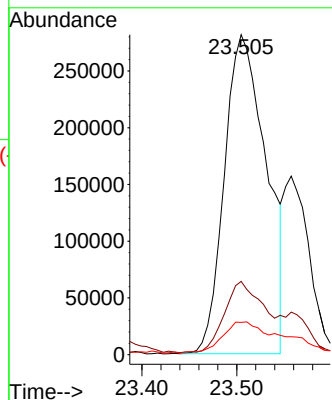
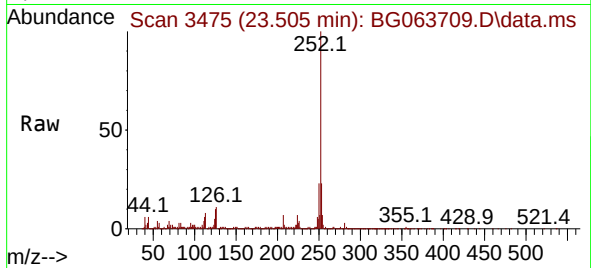




#90
Benzo(b)fluoranthene
Concen: 13.192 ng/ul
RT: 23.505 min Scan# 3475
Delta R.T. -0.018 min
Lab File: BG063709.D
Acq: 17 Dec 2024 22:25

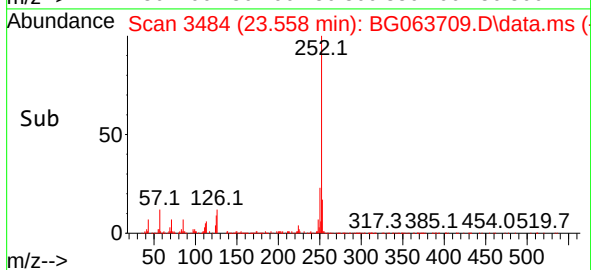
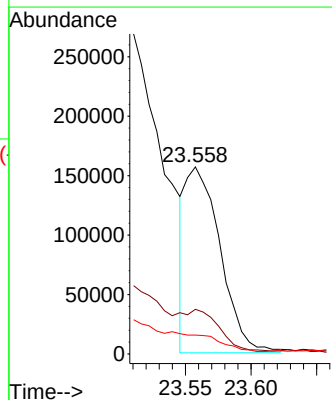
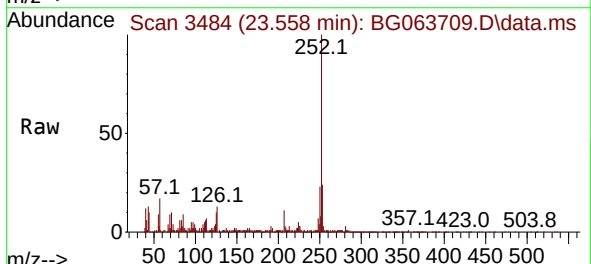
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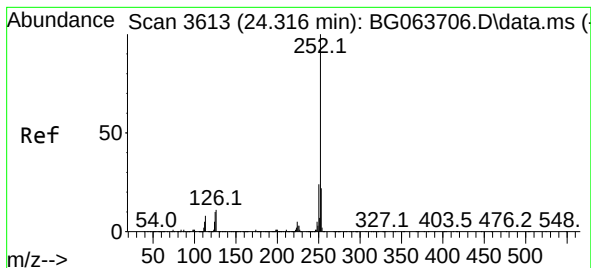
Tgt Ion:252 Resp: 864922
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.1 7.0 10.4



#91
Benzo(k)fluoranthene
Concen: 4.385 ng/ul
RT: 23.558 min Scan# 3484
Delta R.T. -0.030 min
Lab File: BG063709.D
Acq: 17 Dec 2024 22:25

Tgt Ion:252 Resp: 286803
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 10.1 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 5.891 ng/ul

RT: 24.310 min Scan# 3

Delta R.T. -0.030 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

Instrument :

BNA_G

ClientSampleId :

E28Q9

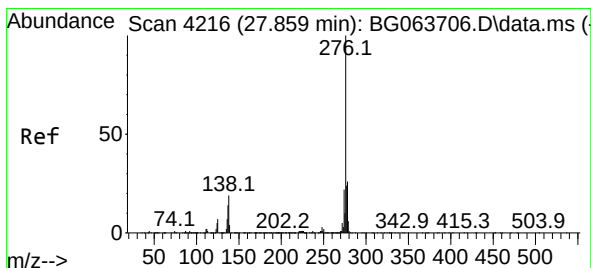
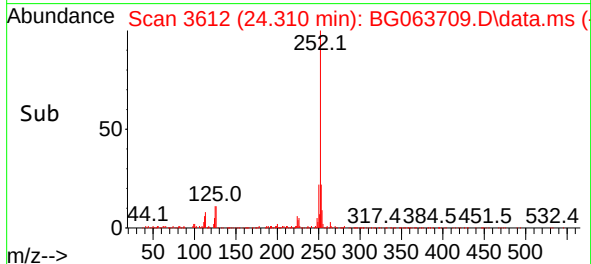
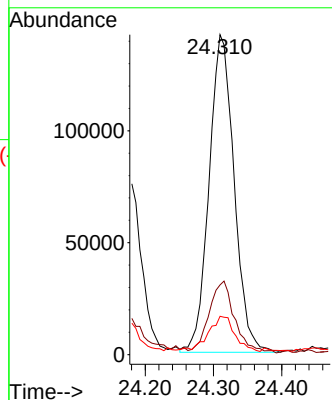
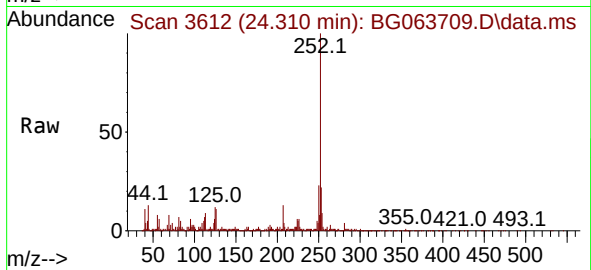
Tgt Ion:252 Resp: 362557

Ion Ratio Lower Upper

252 100

253 21.8 16.6 24.8

125 12.0 8.0 12.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.564 ng/ul m

RT: 27.852 min Scan# 4215

Delta R.T. -0.036 min

Lab File: BG063709.D

Acq: 17 Dec 2024 22:25

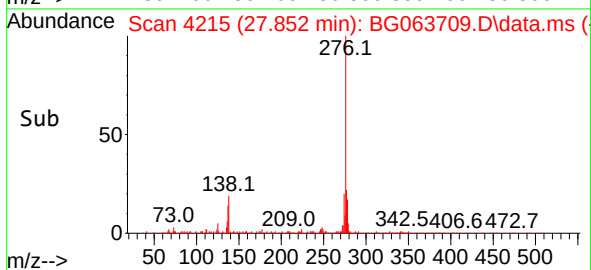
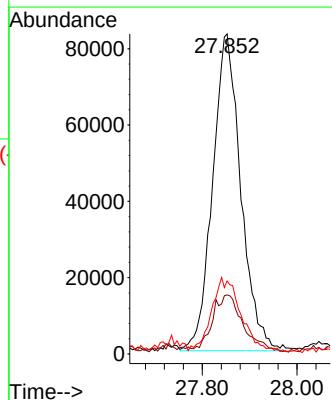
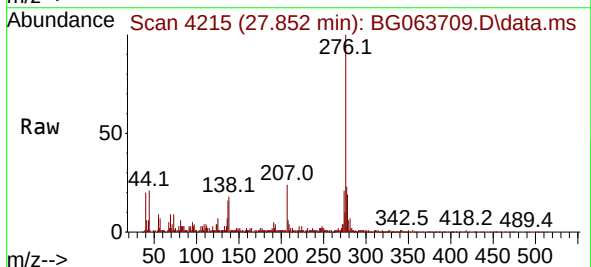
Tgt Ion:276 Resp: 343001

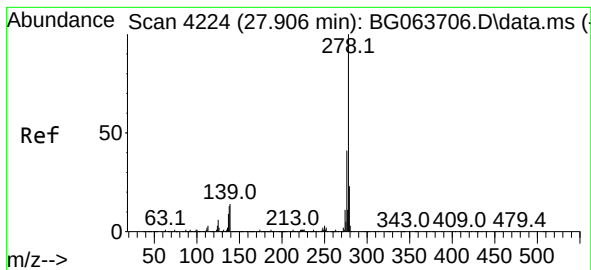
Ion Ratio Lower Upper

276 100

138 18.5 13.7 20.5

277 22.8 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 1.829 ng/ul m

RT: 27.894 min Scan# 41

Delta R.T. -0.042 min

Lab File: BG063709.D

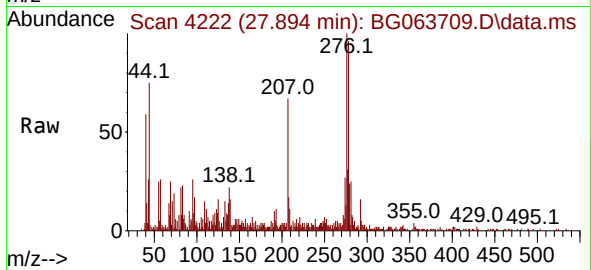
Acq: 17 Dec 2024 22:25

Instrument :

BNA_G

ClientSampleId :

E28Q9



Tgt Ion:278 Resp: 110008

Ion Ratio Lower Upper

278 100

139 17.1 9.7 14.5#

279 25.0 17.3 25.9

