

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063712.D
 Acq On : 18 Dec 2024 00:18
 Operator : RC/JU
 Sample : P5155-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28T9

Quant Time: Dec 18 04:47:47 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

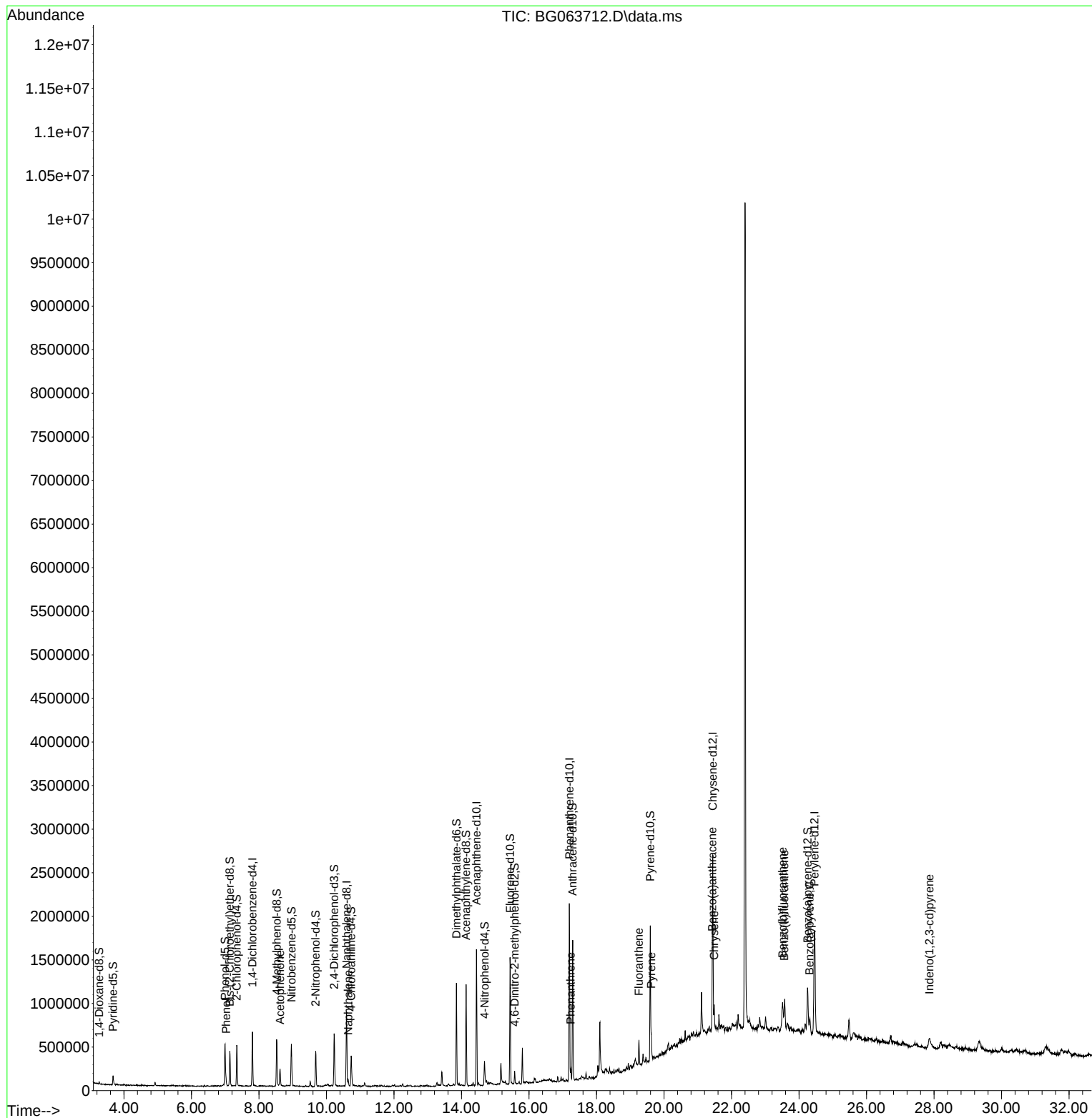
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	161280	20.000	ng/u1	0.00
20) Naphthalene-d8	10.597	136	686269	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	527890	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	1180543	20.000	ng/u1	-0.01
79) Chrysene-d12	21.443	240	1078444	20.000	ng/u1	-0.02
88) Perylene-d12	24.457	264	1166763	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12958	3.149	ng/uL	-0.01
4) Pyridine-d5	3.676	84	65212	5.023	ng/u1	-0.01
7) Phenol-d5	6.995	99	294515	19.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	189150	18.437	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.342	132	201331	20.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.523	113	198060	17.174	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	107364	21.911	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	121688	22.155	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	224728	21.132	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	178715	13.236	ng/u1	-0.01
46) Dimethylphthalate-d6	13.852	166	775970	21.602	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	766966	18.731	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.686	143	78014m	15.329	ng/u1	0.01
60) Fluorene-d10	15.438	176	576700	18.159	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	32672	5.330	ng/u1	0.00
73) Anthracene-d10	17.295	188	890624	17.547	ng/u1	-0.01
81) Pyrene-d10	19.592	212	809844	14.431	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.251	264	524521	9.573	ng/u1	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.025	94	41898m	2.647	ng/u1	
16) Acetophenone	8.623	105	106606	5.450	ng/u1	98
30) Naphthalene	10.644	128	36824	1.073	ng/u1	97
72) Phenanthrene	17.236	178	80717	1.419	ng/u1	98
80) Fluoranthene	19.257	202	169441	2.656	ng/u1	97
82) Pyrene	19.622	202	162586	2.396	ng/u1#	93
85) Benzo(a)anthracene	21.425	228	147277	2.179	ng/u1#	92
87) Chrysene	21.484	228	200497	3.112	ng/u1#	94
90) Benzo(b)fluoranthene	23.511	252	350737	5.289	ng/u1#	97
91) Benzo(k)fluoranthene	23.564	252	129357	1.956	ng/u1#	90
93) Benzo(a)pyrene	24.310	252	167211m	2.686	ng/u1	
94) Indeno(1,2,3-cd)pyrene	27.865	276	166684	2.193	ng/u1#	90

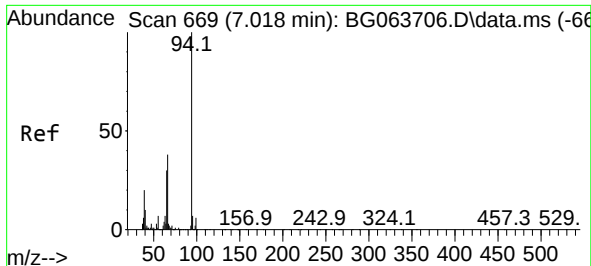
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063712.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 18 04:47:47 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

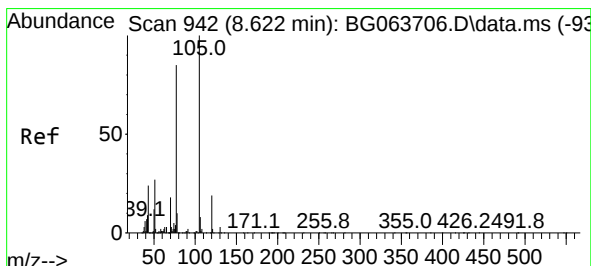
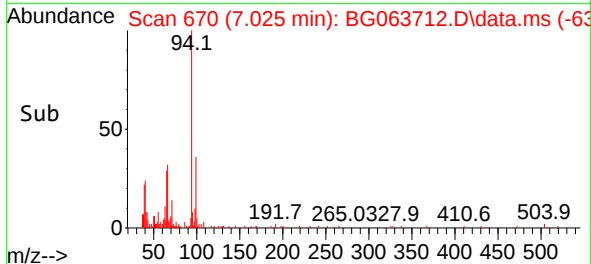
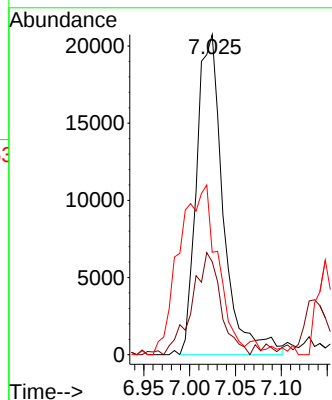
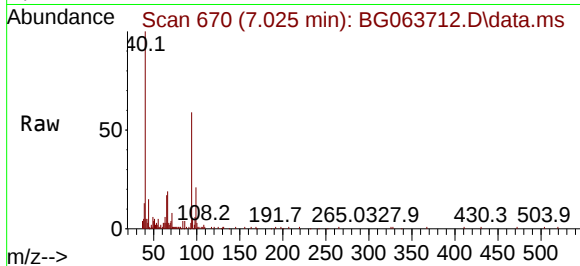




#8
Phenol
Concen: 2.647 ng/ul m
RT: 7.025 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG063712.D
Acq: 18 Dec 2024 00:18

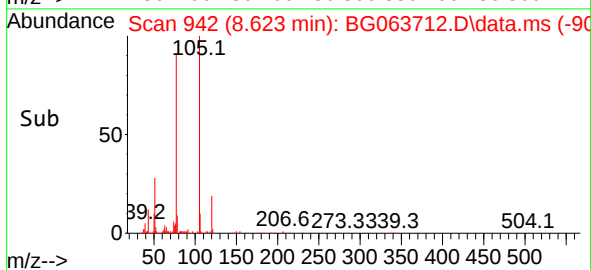
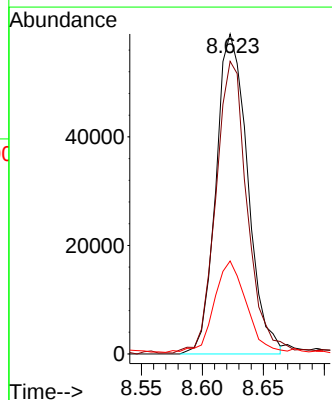
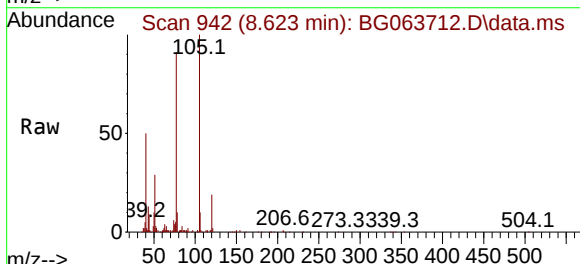
Instrument :
BNA_G
ClientSampleId :
E28T9

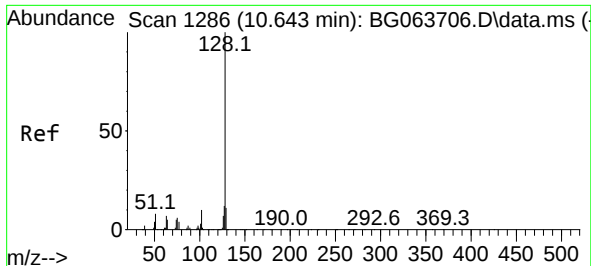
Tgt Ion: 94 Resp: 41898
Ion Ratio Lower Upper
94 100
65 29.1 25.6 38.4
66 32.0 34.2 51.2#



#16
Acetophenone
Concen: 5.450 ng/ul
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG063712.D
Acq: 18 Dec 2024 00:18

Tgt Ion: 105 Resp: 106606
Ion Ratio Lower Upper
105 100
77 91.4 73.6 110.4
51 29.1 25.4 38.2

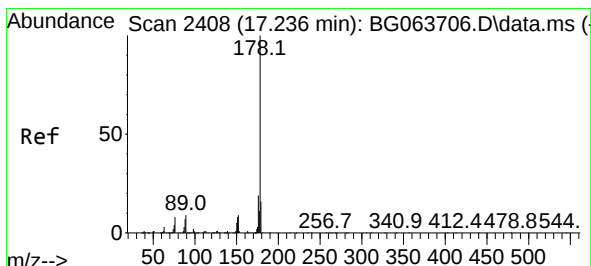
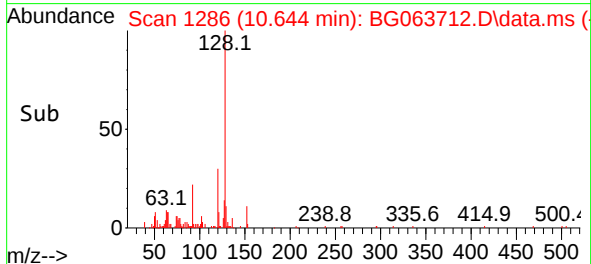
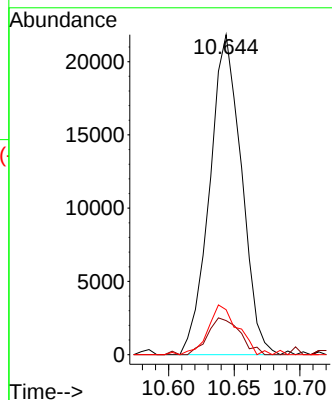
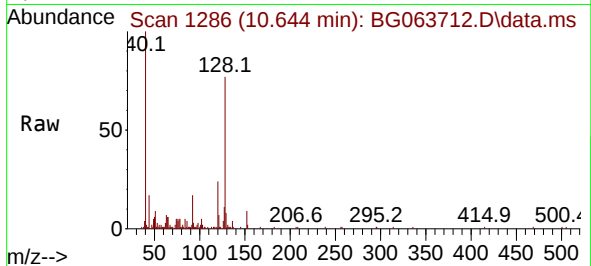




#30
Naphthalene
Concen: 1.073 ng/ul
RT: 10.644 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG063712.D
Acq: 18 Dec 2024 00:18

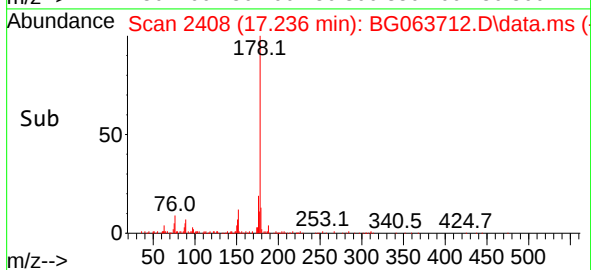
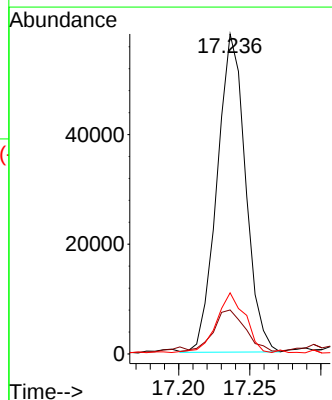
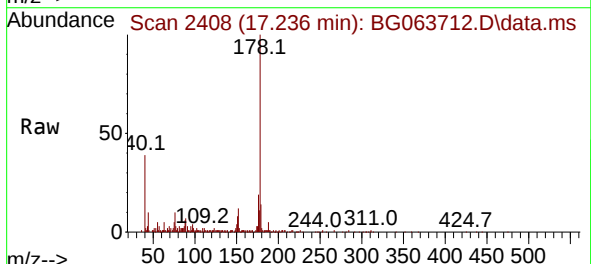
Instrument :
BNA_G
ClientSampleId :
E28T9

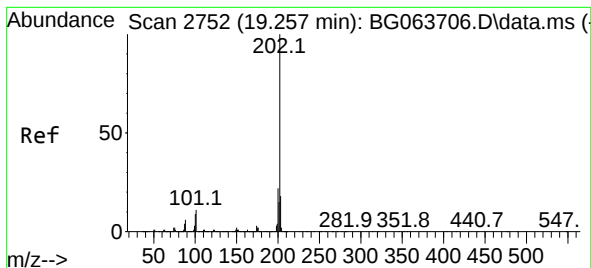
Tgt Ion:128 Resp: 36824
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 14.1 9.8 14.8



#72
Phenanthrene
Concen: 1.419 ng/ul
RT: 17.236 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG063712.D
Acq: 18 Dec 2024 00:18

Tgt Ion:178 Resp: 80717
Ion Ratio Lower Upper
178 100
179 13.7 12.2 18.2
176 19.1 15.8 23.6





#80

Fluoranthene

Concen: 2.656 ng/ul

RT: 19.257 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

Instrument :

BNA_G

ClientSampleId :

E28T9

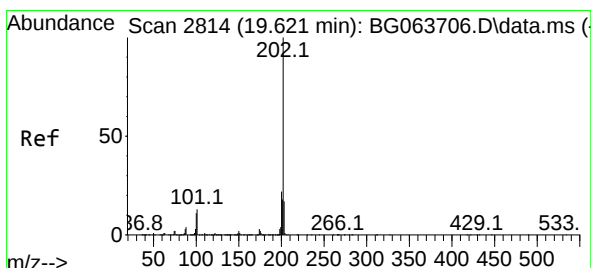
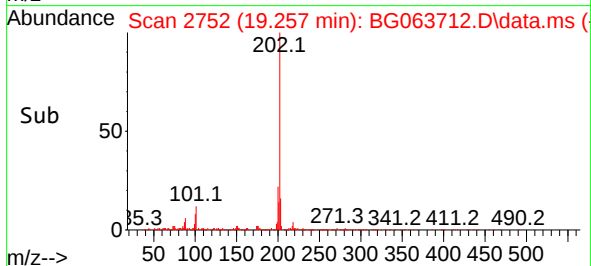
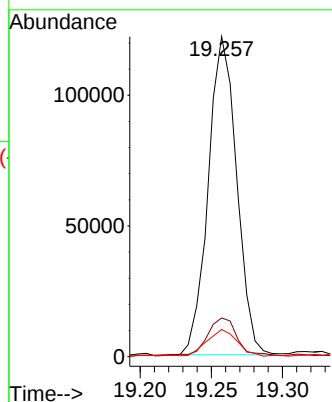
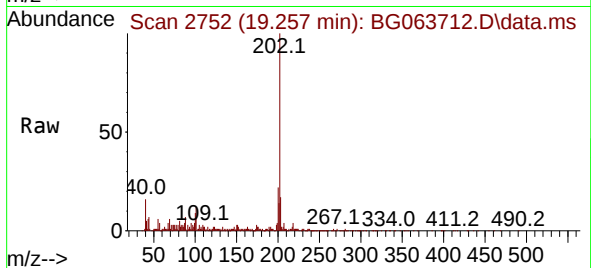
Tgt Ion:202 Resp: 169441

Ion Ratio Lower Upper

202 100

101 12.1 8.1 12.1

100 8.5 6.5 9.7



#82

Pyrene

Concen: 2.396 ng/ul

RT: 19.622 min Scan# 2814

Delta R.T. -0.012 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

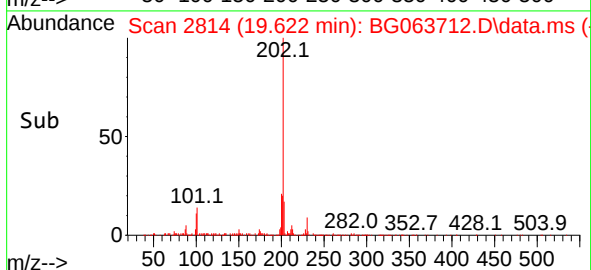
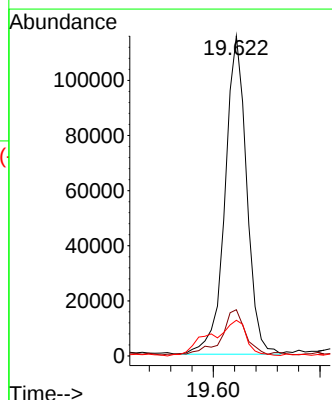
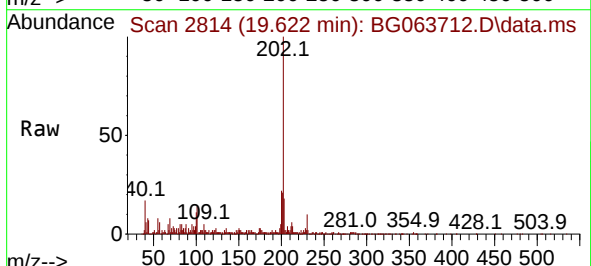
Tgt Ion:202 Resp: 162586

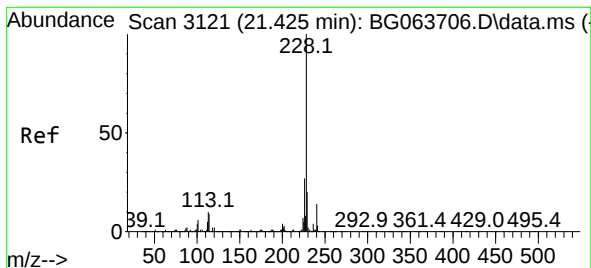
Ion Ratio Lower Upper

202 100

101 14.4 8.7 13.1#

100 11.1 7.8 11.6





#85

Benzo(a)anthracene

Concen: 2.179 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. -0.018 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

Instrument :

BNA_G

ClientSampleId :

E28T9

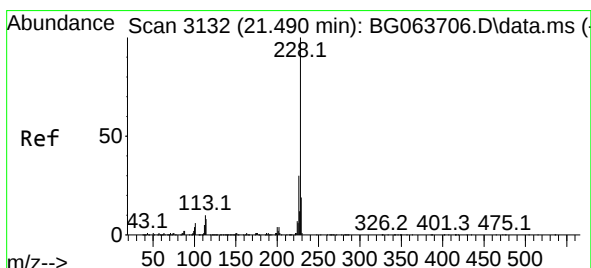
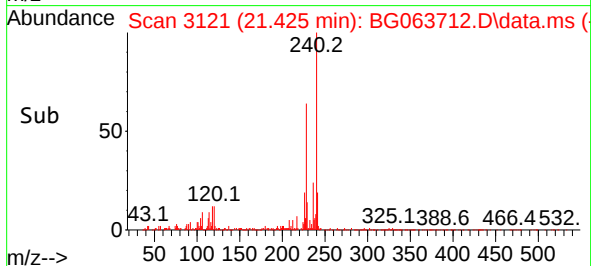
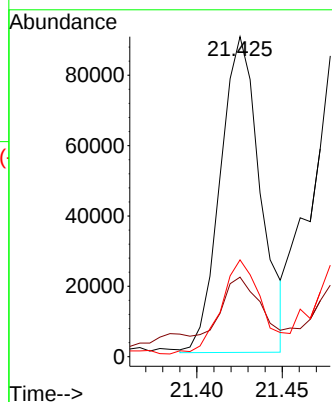
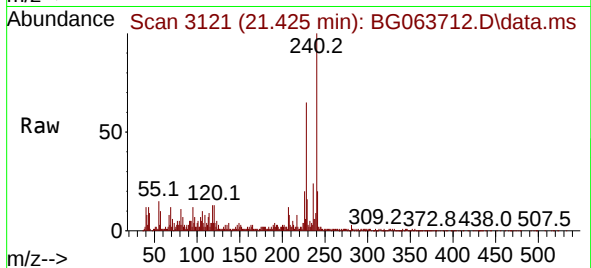
Tgt Ion:228 Resp: 147277

Ion Ratio Lower Upper

228 100

229 24.8 15.7 23.5#

226 30.2 22.0 33.0



#87

Chrysene

Concen: 3.112 ng/ul

RT: 21.484 min Scan# 3131

Delta R.T. -0.018 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

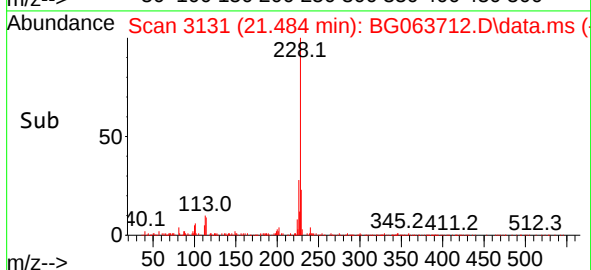
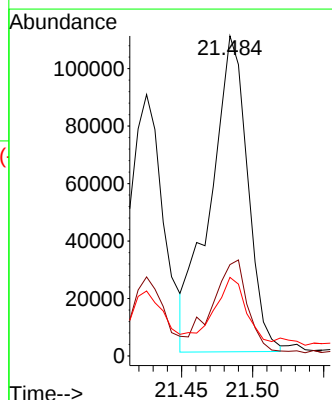
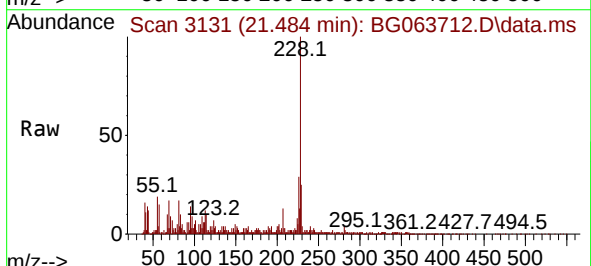
Tgt Ion:228 Resp: 200497

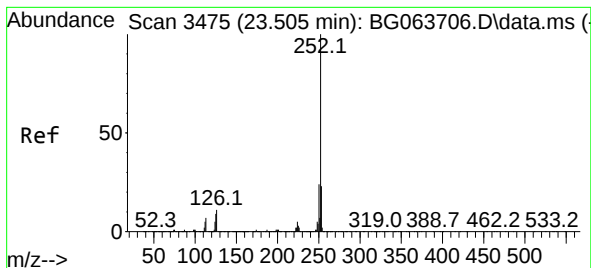
Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

229 24.5 14.8 22.2#





#90

Benzo(b)fluoranthene

Concen: 5.289 ng/ul

RT: 23.511 min Scan# 3475

Delta R.T. -0.012 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

Instrument :

BNA_G

ClientSampleId :

E28T9

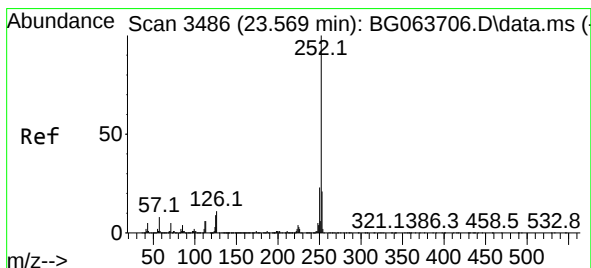
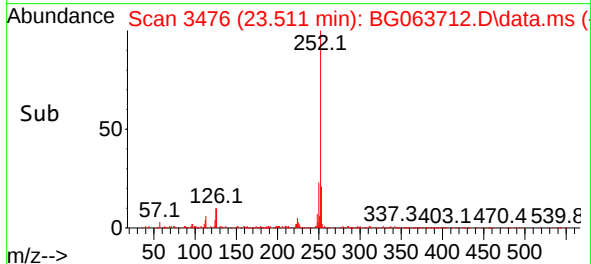
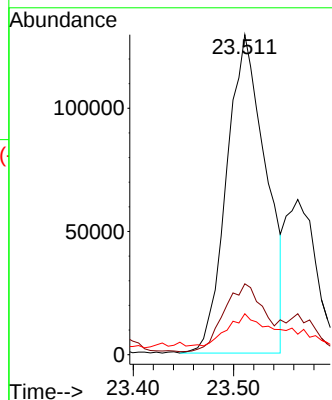
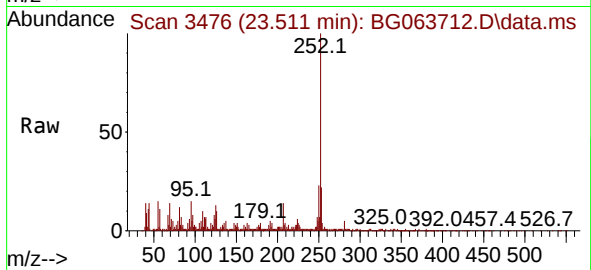
Tgt Ion:252 Resp: 350737

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.8 7.0 10.4#



#91

Benzo(k)fluoranthene

Concen: 1.956 ng/ul

RT: 23.564 min Scan# 3485

Delta R.T. -0.023 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

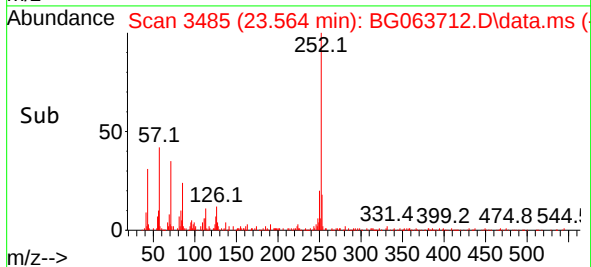
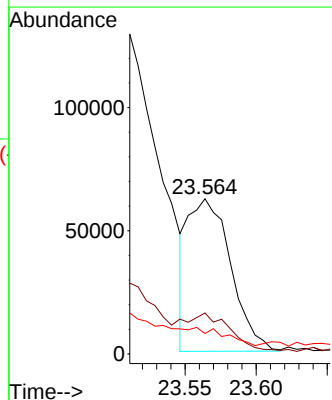
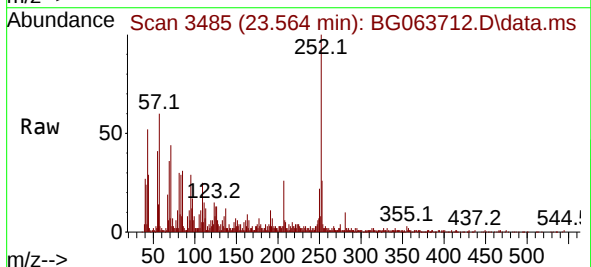
Tgt Ion:252 Resp: 129357

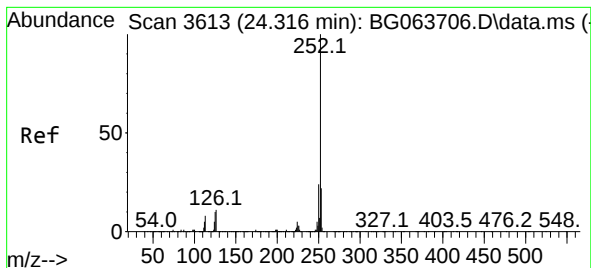
Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 13.2 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 2.686 ng/ul m

RT: 24.310 min Scan# 3

Delta R.T. -0.029 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

Instrument :

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E28T9

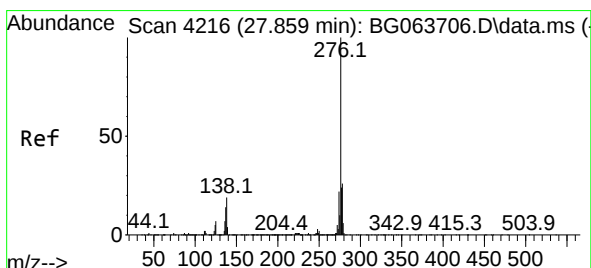
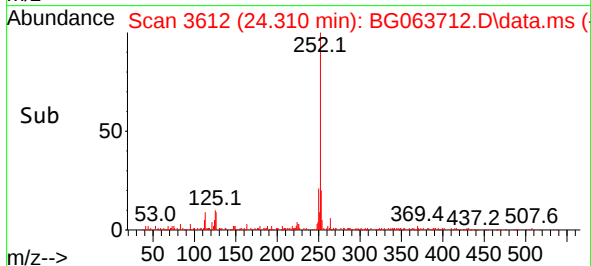
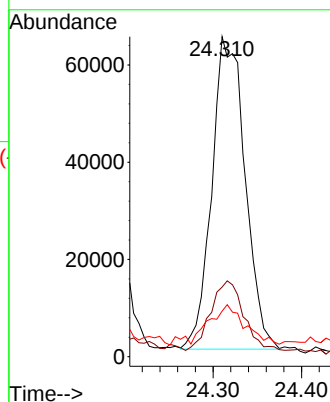
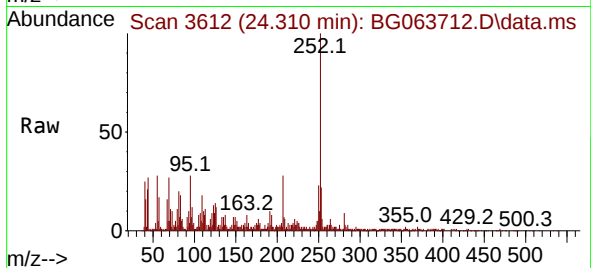
Tgt Ion:252 Resp: 167211

Ion Ratio Lower Upper

252 100

253 21.8 16.6 24.8

125 14.3 8.0 12.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.193 ng/ul

RT: 27.865 min Scan# 4217

Delta R.T. -0.023 min

Lab File: BG063712.D

Acq: 18 Dec 2024 00:18

Tgt Ion:276 Resp: 166684

Ion Ratio Lower Upper

276 100

138 13.8 13.7 20.5

277 28.3 18.4 27.6#

