

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061307.D
 Acq On : 28 May 2024 20:03
 Operator : MA/JU
 Sample : P2568-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH637

Quant Time: May 28 22:55:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

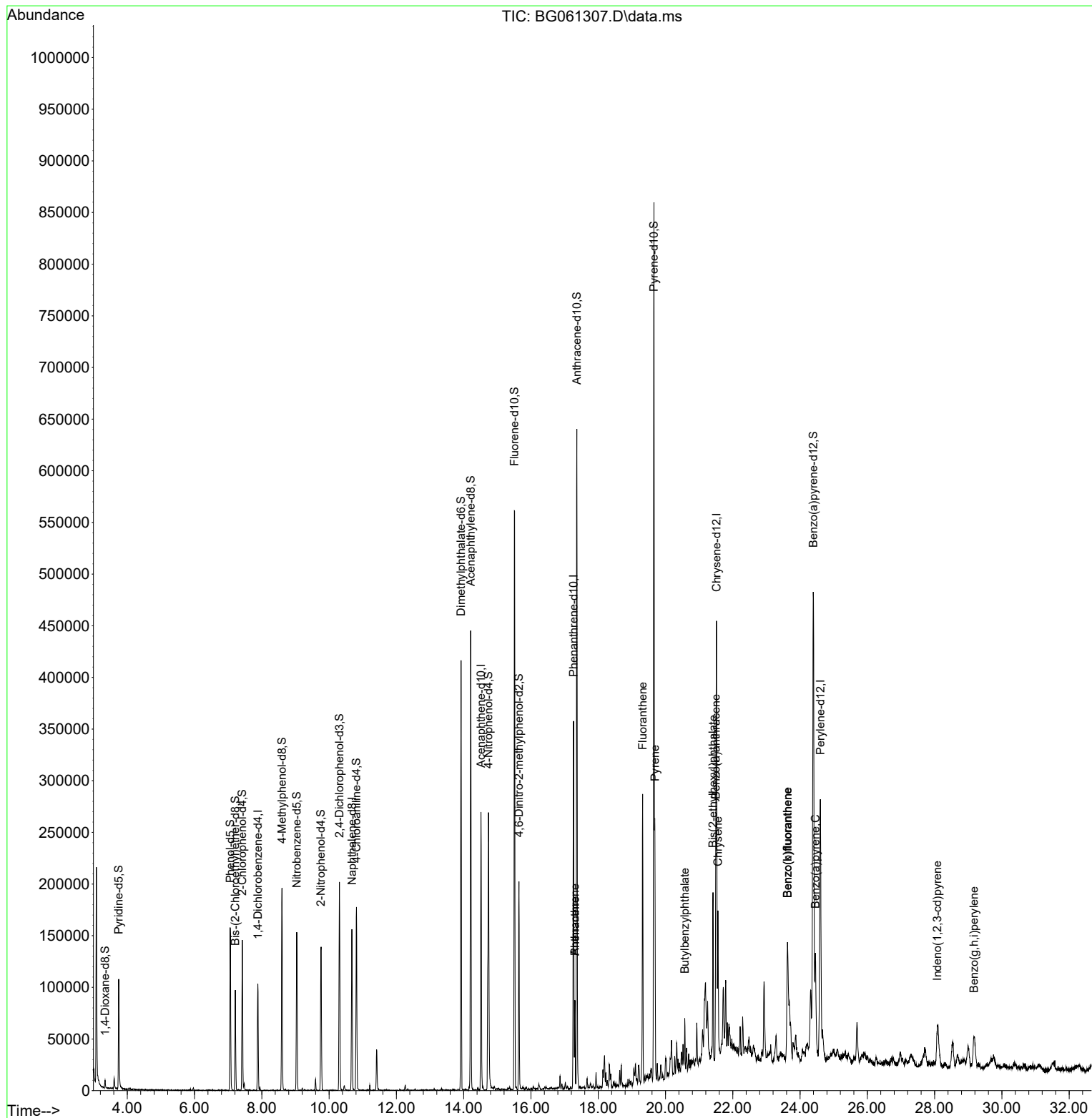
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	27543	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	119102	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	95482	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	225829	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	219644	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	251875	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2799	5.687	ng/uL	0.00
4) Pyridine-d5	3.746	84	44001	25.130	ng/ul	0.00
7) Phenol-d5	7.059	99	74012	32.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	44253	31.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	56961	34.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	63233	32.786	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	29905	32.612	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	36005	33.549	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	72533	34.668	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	84639	30.921	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	266336	35.965	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	295791	38.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	33266	36.335	ng/ul	0.00
60) Fluorene-d10	15.508	176	236580	37.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	41657	30.499	ng/ul	0.00
73) Anthracene-d10	17.365	188	388027	38.974	ng/ul	0.00
81) Pyrene-d10	19.656	212	456696	40.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	472435	39.015	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	53091	4.844	ng/ul	98
74) Anthracene	17.306	178	53091	4.685	ng/ul	98
80) Fluoranthene	19.321	202	170081	12.571	ng/ul	99
82) Pyrene	19.686	202	158744	11.304	ng/ul	99
83) Butylbenzylphthalate	20.573	149	13370	2.771	ng/ul	94
85) Benzo(a)anthracene	21.495	228	95366	6.292	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	59351	8.311	ng/ul	95
87) Chrysene	21.560	228	101263	7.256	ng/ul	97
90) Benzo(b)fluoranthene	23.628	252	142097	9.475	ng/ul	99
91) Benzo(k)fluoranthene	23.628	252	142097	9.334	ng/ul#	94
93) Benzo(a)pyrene	24.457	252	94782	6.656	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.082	276	37953	2.204	ng/ul#	94
96) Benzo(g,h,i)perylene	29.175	276	64386	4.700	ng/ul	96

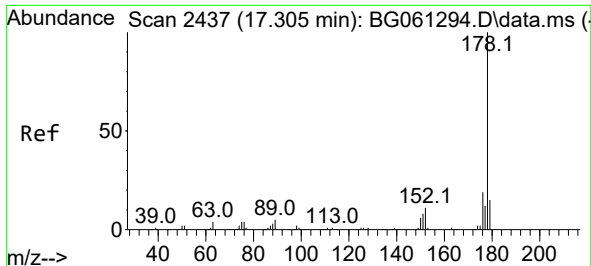
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061307.D
Acq On : 28 May 2024 20:03
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Quant Time: May 28 22:55:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

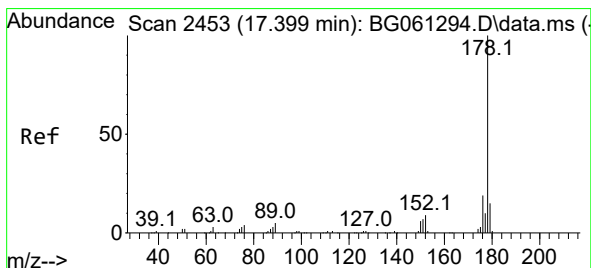
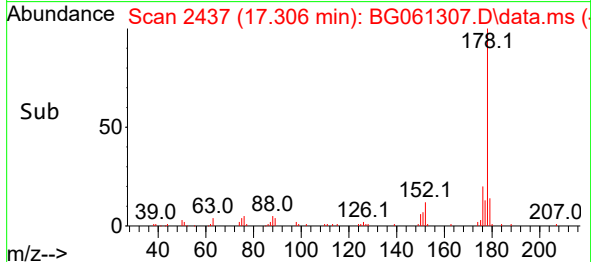
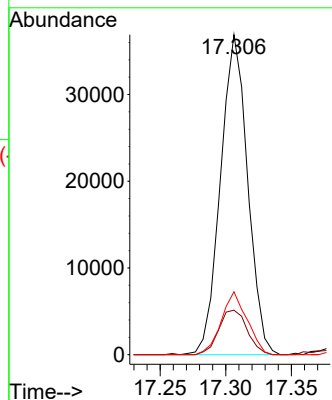
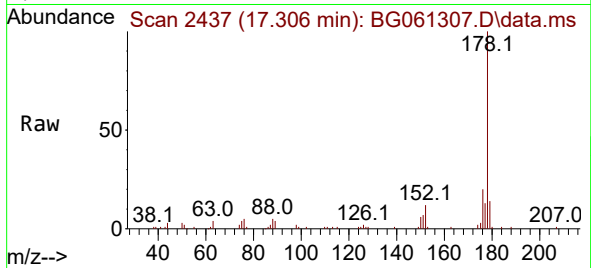




#72
Phenanthrene
Concen: 4.844 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

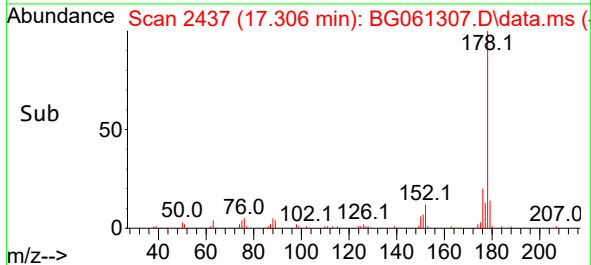
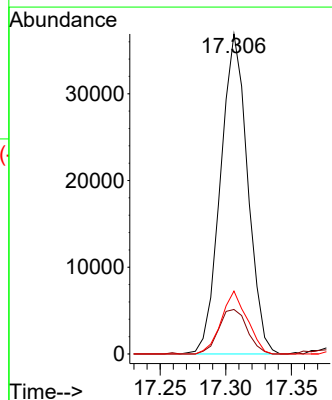
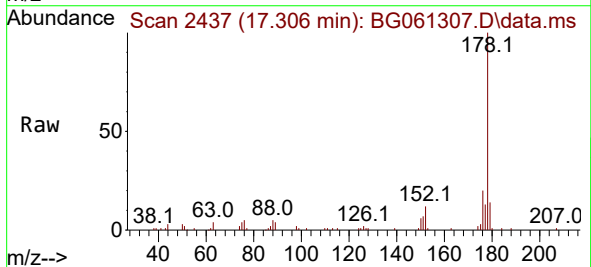
Instrument :
BNA_G
ClientSampleId :
BH637

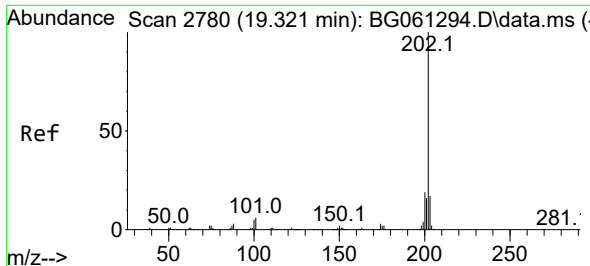
Tgt Ion:178 Resp: 53091
Ion Ratio Lower Upper
178 100
179 13.9 12.7 19.1
176 19.7 15.5 23.3



#74
Anthracene
Concen: 4.685 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.095 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

Tgt Ion:178 Resp: 53091
Ion Ratio Lower Upper
178 100
179 13.9 11.8 17.6
176 19.7 14.9 22.3

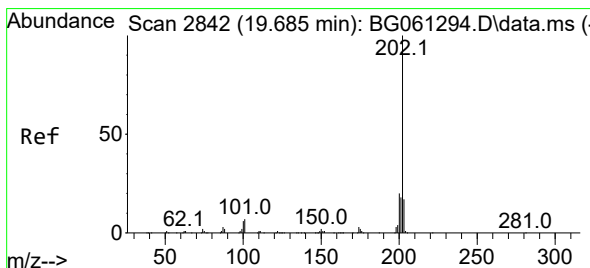
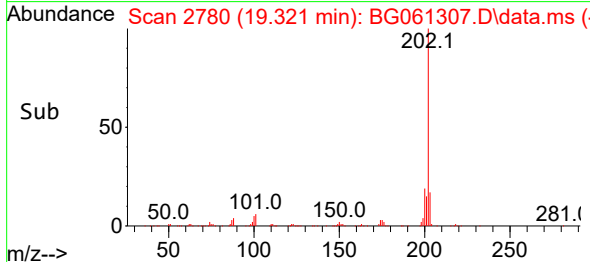
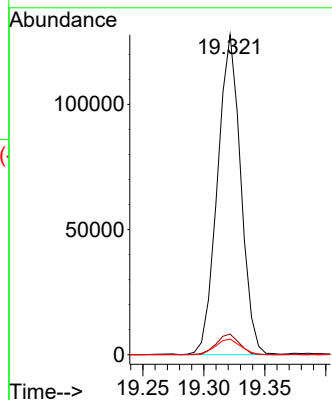
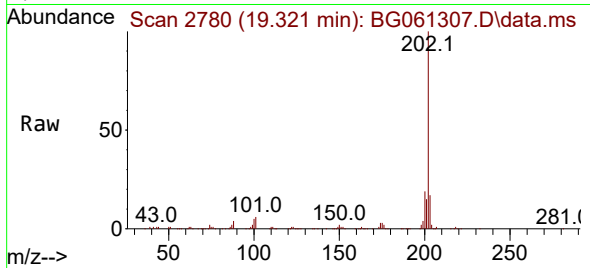




#80
Fluoranthene
Concen: 12.571 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

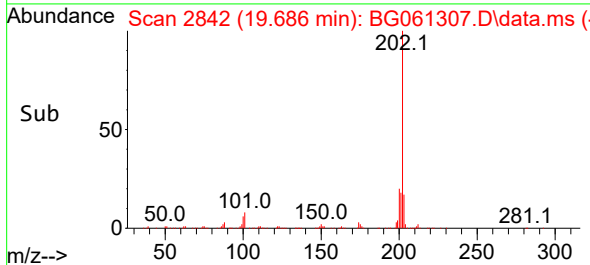
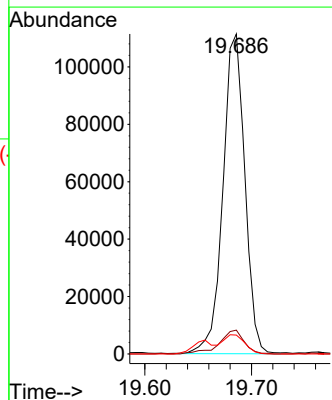
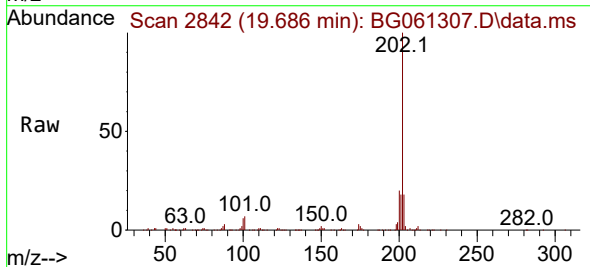
Instrument :
BNA_G
ClientSampleId :
BH637

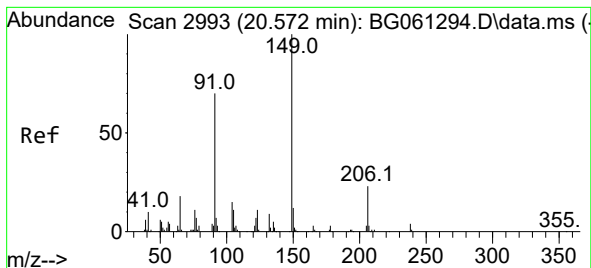
Tgt Ion:202 Resp: 170081
Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 4.9 4.1 6.1



#82
Pyrene
Concen: 11.304 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

Tgt Ion:202 Resp: 158744
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 5.9 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.771 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.007 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

Instrument :

BNA_G

ClientSampleId :

BH637

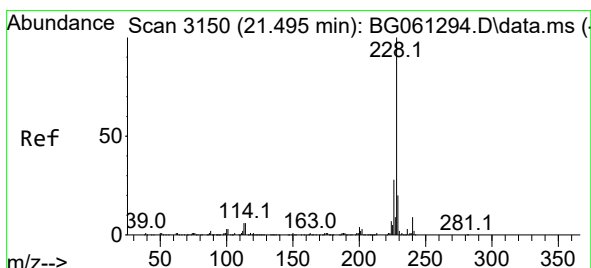
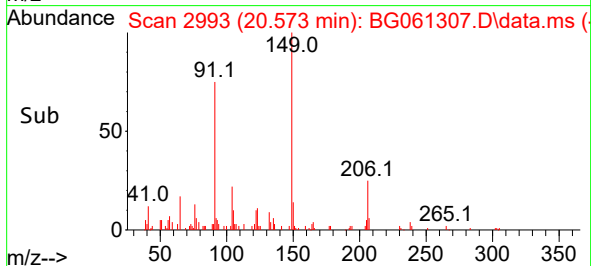
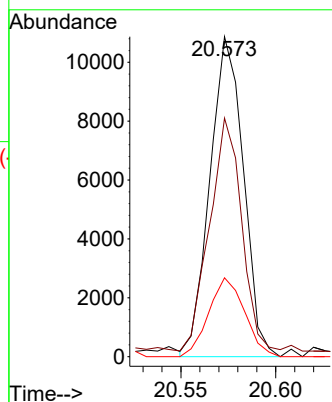
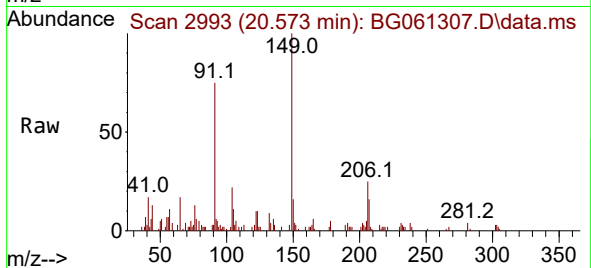
Tgt Ion:149 Resp: 13370

Ion Ratio Lower Upper

149 100

91 74.5 54.8 82.2

206 24.6 19.4 29.0



#85

Benzo(a)anthracene

Concen: 6.292 ng/ul

RT: 21.495 min Scan# 3150

Delta R.T. -0.007 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

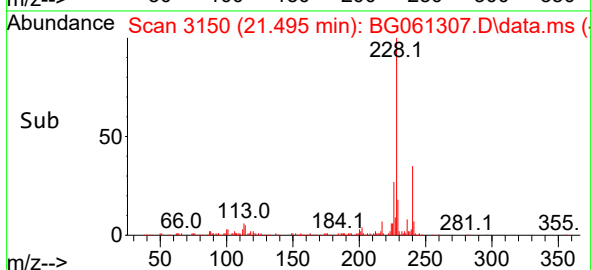
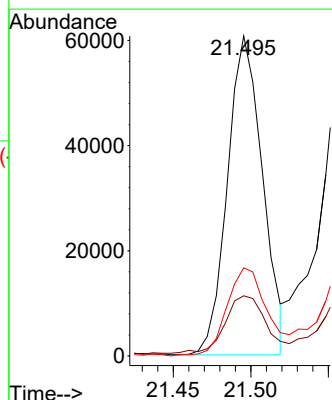
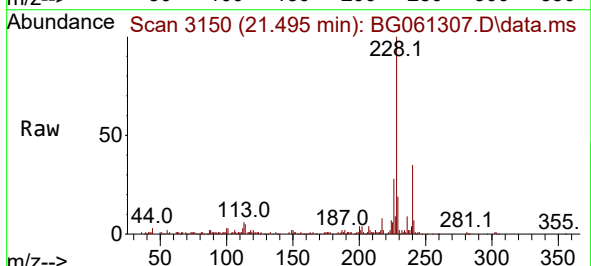
Tgt Ion:228 Resp: 95366

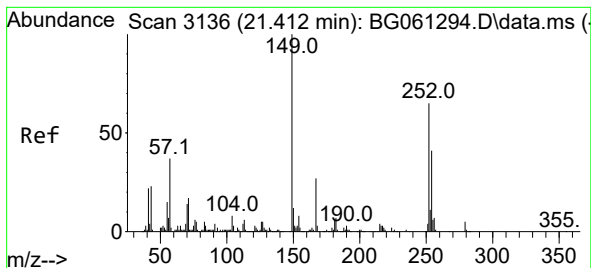
Ion Ratio Lower Upper

228 100

229 18.8 15.2 22.8

226 27.6 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 8.311 ng/ul

RT: 21.413 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

Instrument :

BNA_G

ClientSampleId :

BH637

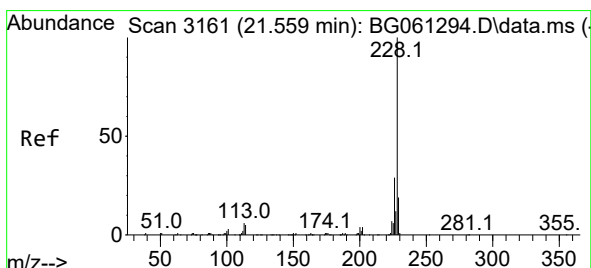
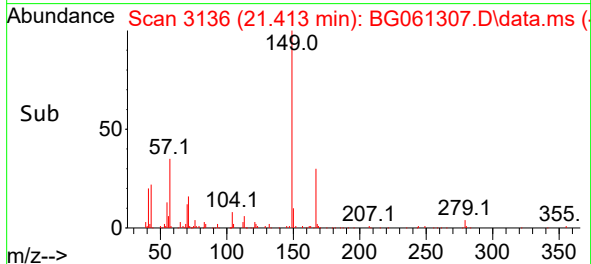
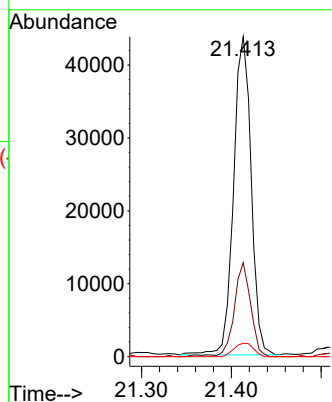
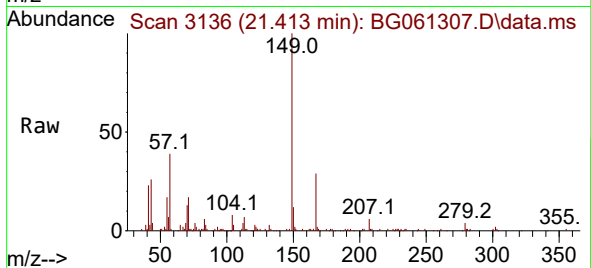
Tgt Ion:149 Resp: 59351

Ion Ratio Lower Upper

149 100

167 29.4 21.1 31.7

279 4.2 3.3 4.9



#87

Chrysene

Concen: 7.256 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.007 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

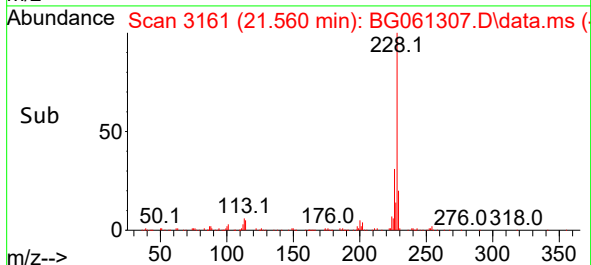
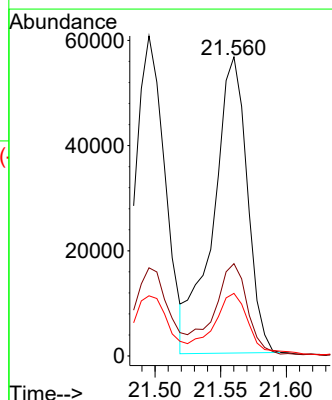
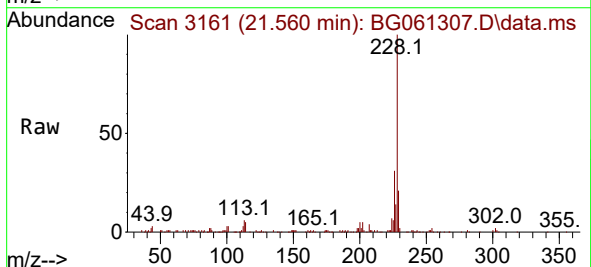
Tgt Ion:228 Resp: 101263

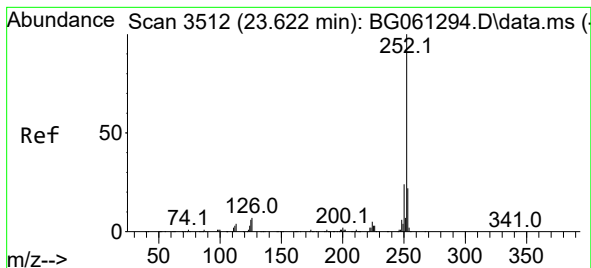
Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

229 20.9 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 9.475 ng/ul

RT: 23.628 min Scan# 3513

Delta R.T. -0.001 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

Instrument :

BNA_G

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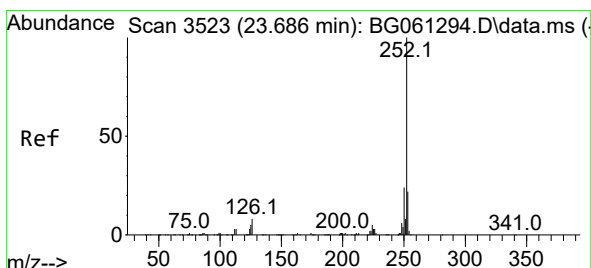
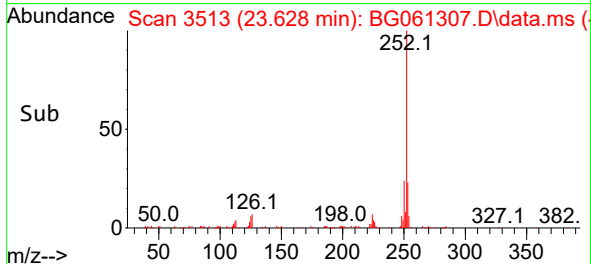
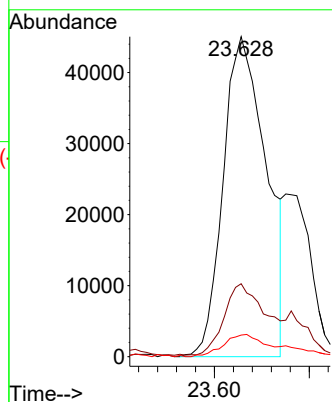
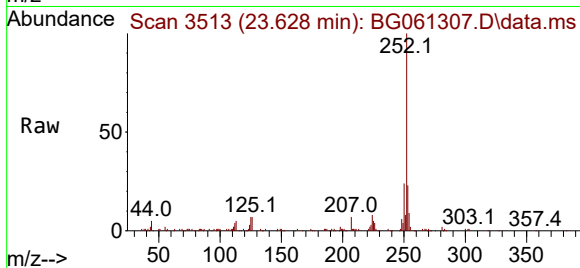
Tgt Ion:252 Resp: 142097

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 6.8 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 9.334 ng/ul

RT: 23.628 min Scan# 3513

Delta R.T. -0.065 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

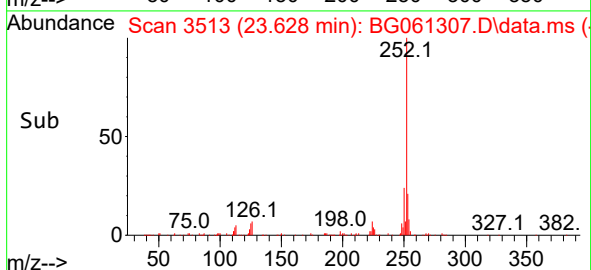
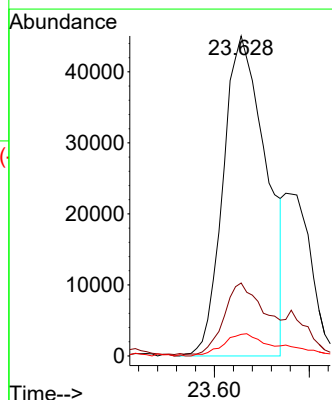
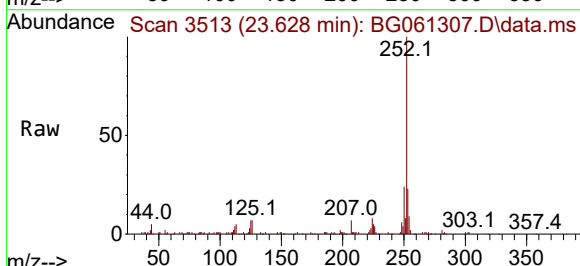
Tgt Ion:252 Resp: 142097

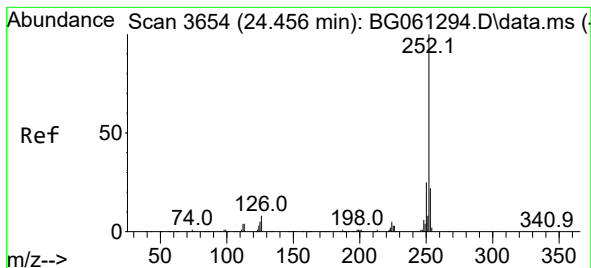
Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

125 6.8 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 6.656 ng/ul

RT: 24.457 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

Instrument :

BNA_G

ClientSampleId :

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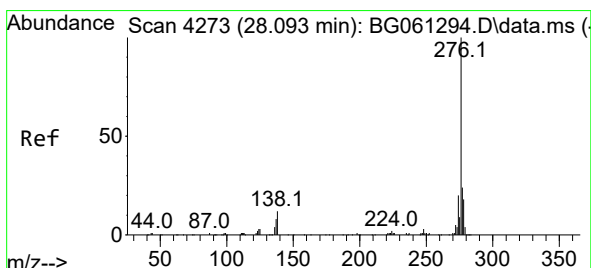
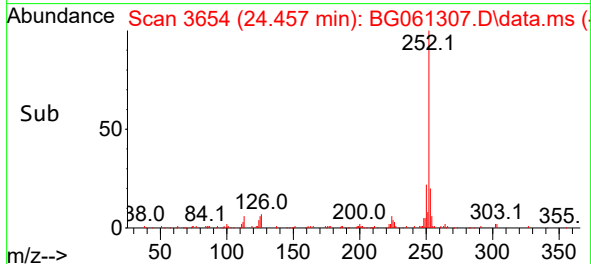
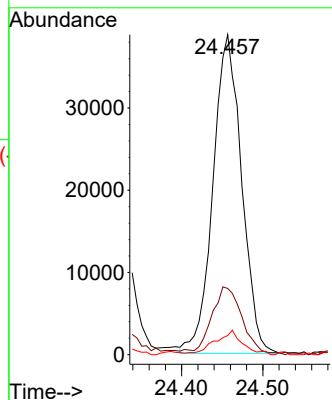
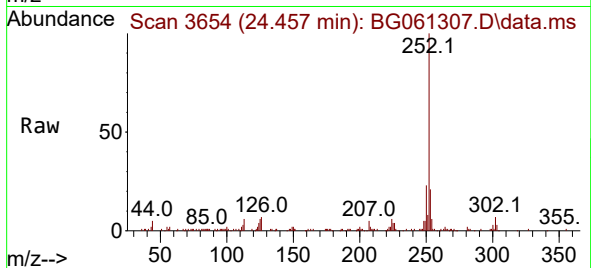
Tgt Ion:252 Resp: 94782

Ion Ratio Lower Upper

252 100

253 20.7 16.4 24.6

125 6.0 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.204 ng/ul

RT: 28.082 min Scan# 4271

Delta R.T. -0.024 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

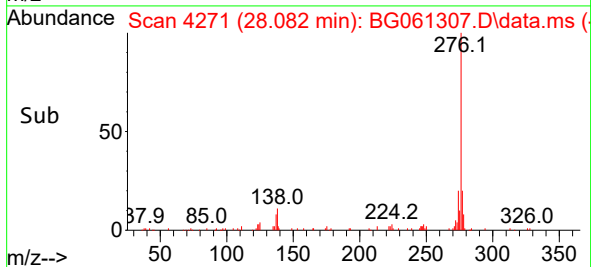
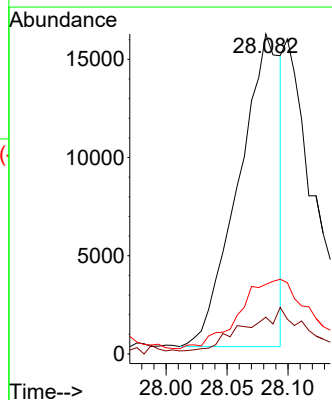
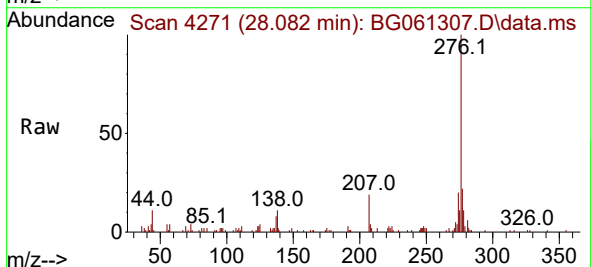
Tgt Ion:276 Resp: 37953

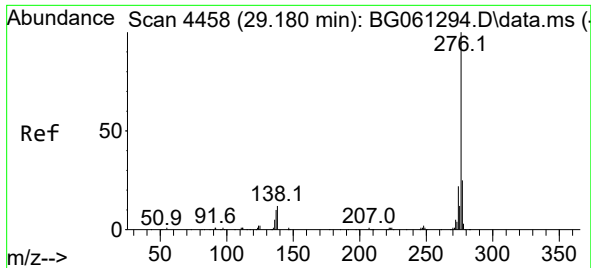
Ion Ratio Lower Upper

276 100

138 13.4 8.6 13.0#

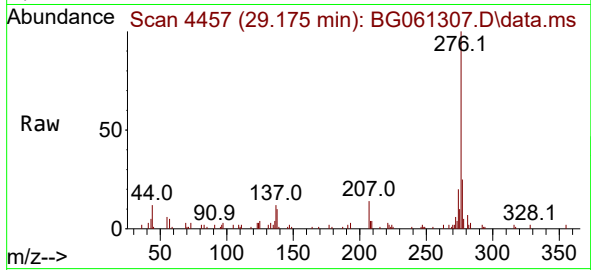
277 21.7 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 4.700 ng/ul
 RT: 29.175 min Scan# 44
 Delta R.T. -0.018 min
 Lab File: BG061307.D
 Acq: 28 May 2024 20:03

Instrument :
 BNA_G
 ClientSampleId :
 BH637



Tgt Ion:	276	Resp:	64386
Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.7	13.1
277	25.5	18.2	27.2

