

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061399.D
 Acq On : 31 May 2024 18:53
 Operator : MA/JU
 Sample : P2588-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S7

Quant Time: May 31 22:43:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

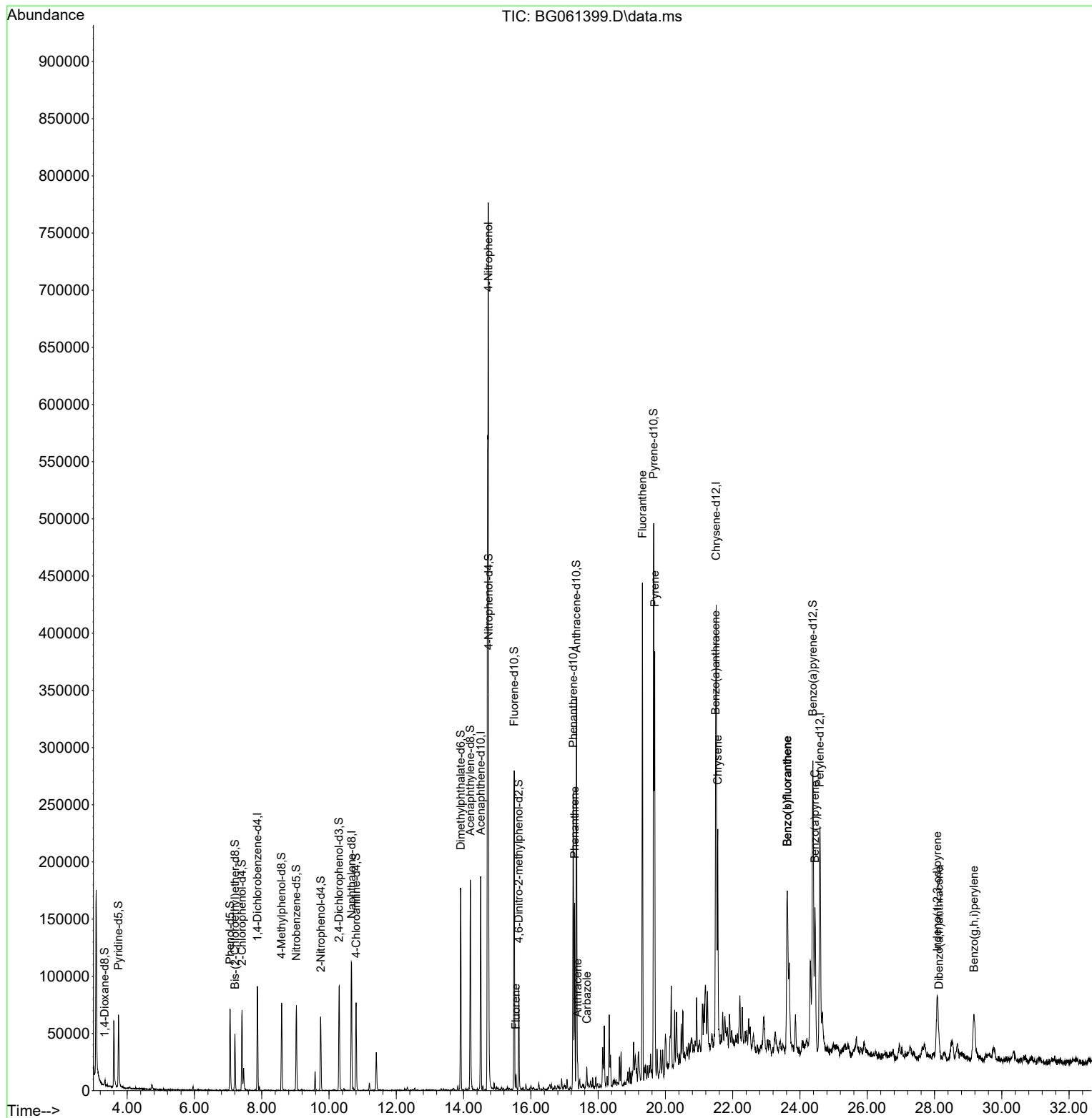
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	22930	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	89410	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	68275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	170537	20.000	ng/ul	0.00
79) Chrysene-d12	21.508	240	176943	20.000	ng/ul	0.00
88) Perylene-d12	24.587	264	203615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1753	4.278	ng/uL	0.00
4) Pyridine-d5	3.741	84	27790	19.065	ng/ul	0.00
7) Phenol-d5	7.054	99	33939	18.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	23283	19.672	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	27895	20.017	ng/ul	0.00
15) 4-Methylphenol-d8	8.588	113	27025	16.831	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	15274	22.188	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	16873	20.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	34239	21.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	36343	17.687	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	116220	21.948	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	126116	22.909	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	13393	20.458	ng/ul	0.00
60) Fluorene-d10	15.503	176	107955	23.614	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	19500	18.906	ng/ul	0.00
73) Anthracene-d10	17.354	188	197425	26.259	ng/ul	0.00
81) Pyrene-d10	19.651	212	247615	27.255	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	269203	27.501	ng/ul	0.00
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.734	109	4740	6.158	ng/ul#	12
61) Fluorene	15.556	166	6308	1.273	ng/ul	94
72) Phenanthrene	17.301	178	104033	12.569	ng/ul	97
74) Anthracene	17.389	178	14821	1.732	ng/ul	95
77) Carbazole	17.666	167	11227	1.613	ng/ul	97
80) Fluoranthene	19.317	202	265140	24.327	ng/ul	98
82) Pyrene	19.681	202	238265	21.061	ng/ul	98
85) Benzo(a)anthracene	21.490	228	133772	10.957	ng/ul	98
87) Chrysene	21.555	228	134447	11.959	ng/ul	98
90) Benzo(b)fluoranthene	23.623	252	170209	14.040	ng/ul	99
91) Benzo(k)fluoranthene	23.623	252	170209	13.830	ng/ul	95
93) Benzo(a)pyrene	24.446	252	127452	11.071	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.083	276	87431	6.280	ng/ul	98
95) Dibenzo(a,h)anthracene	28.130	278	11683	1.018	ng/ul#	97
96) Benzo(g,h,i)perylene	29.176	276	80012	7.225	ng/ul	100

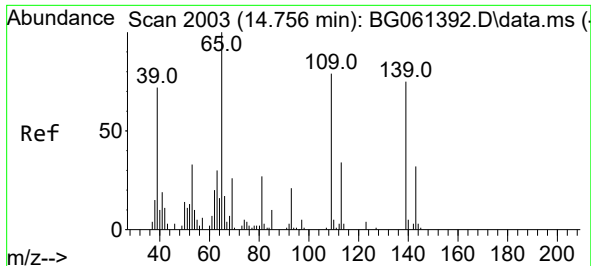
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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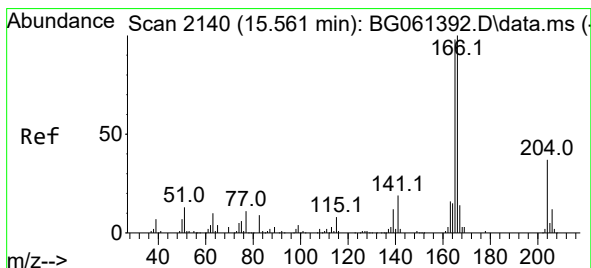
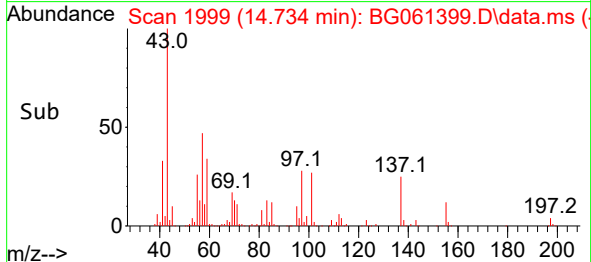
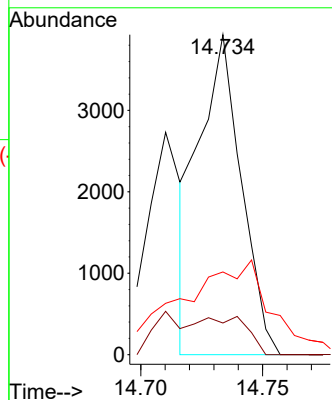
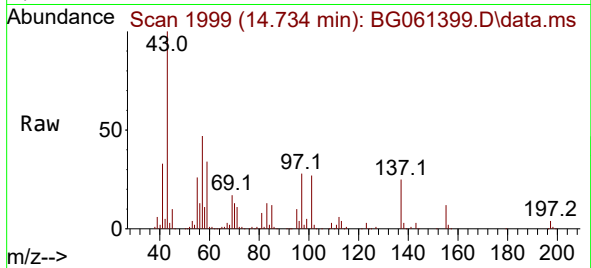




#55
4-Nitrophenol
Concen: 6.158 ng/ul
RT: 14.734 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BG061399.D
Acq: 31 May 2024 18:53

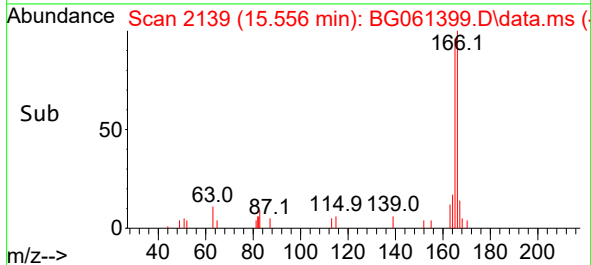
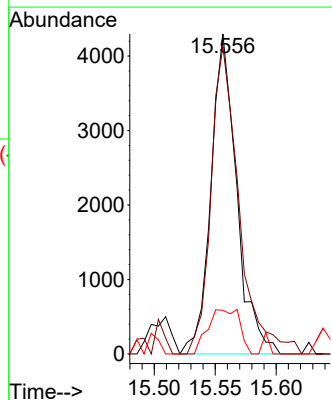
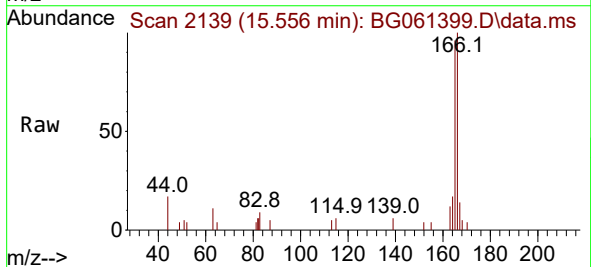
Instrument :
BNA_G
ClientSampleId :
BH5S7

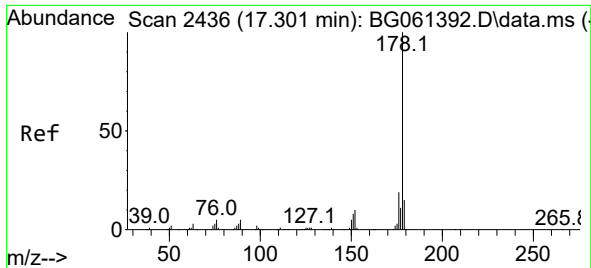
Tgt Ion:109 Resp: 4740
Ion Ratio Lower Upper
109 100
139 9.9 74.9 112.3#
65 25.9 104.0 156.0#



#61
Fluorene
Concen: 1.273 ng/ul
RT: 15.556 min Scan# 2139
Delta R.T. -0.004 min
Lab File: BG061399.D
Acq: 31 May 2024 18:53

Tgt Ion:166 Resp: 6308
Ion Ratio Lower Upper
166 100
165 96.1 81.8 122.8
167 13.7 10.6 16.0

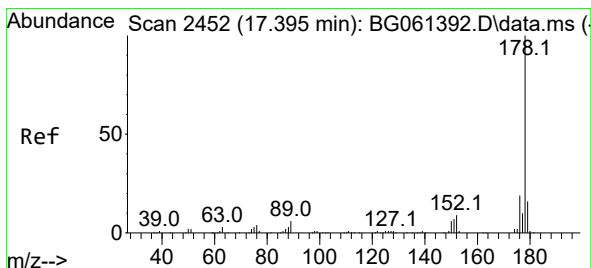
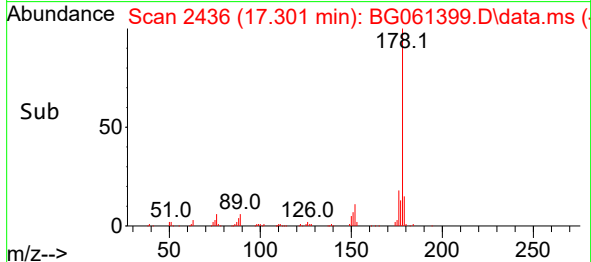
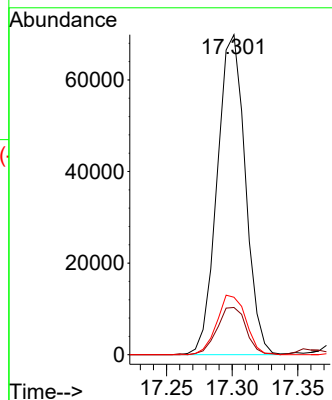
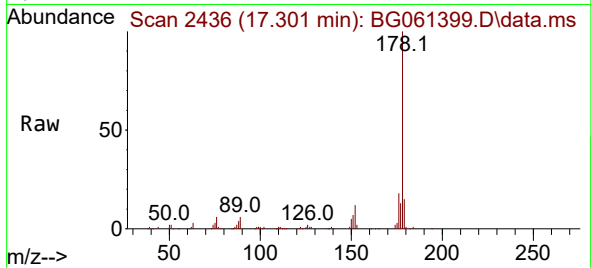




#72
Phenanthrene
Concen: 12.569 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061399.D
Acq: 31 May 2024 18:53

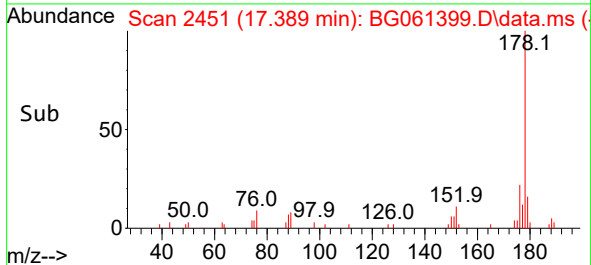
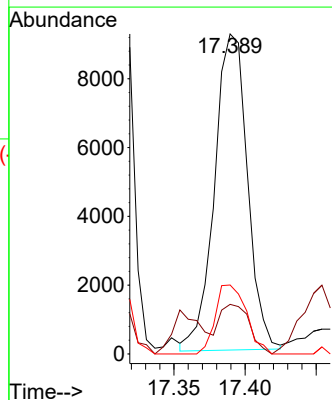
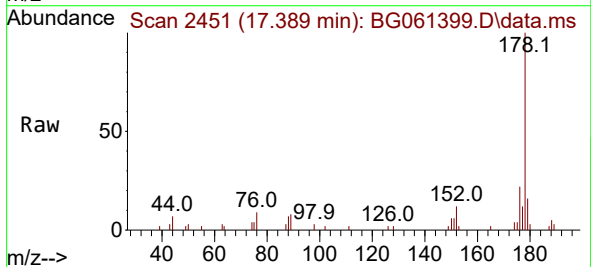
Instrument :
BNA_G
ClientSampleId :
BH5S7

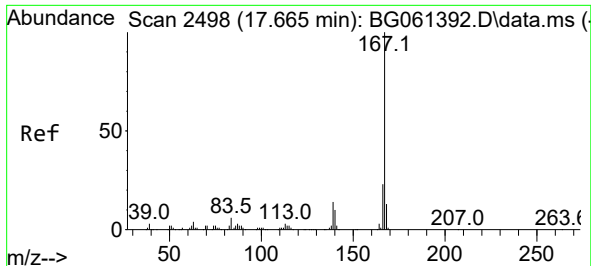
Tgt Ion:178 Resp: 104033
Ion Ratio Lower Upper
178 100
179 14.8 12.7 19.1
176 17.9 15.5 23.3



#74
Anthracene
Concen: 1.732 ng/ul
RT: 17.389 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BG061399.D
Acq: 31 May 2024 18:53

Tgt Ion:178 Resp: 14821
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 21.6 14.9 22.3

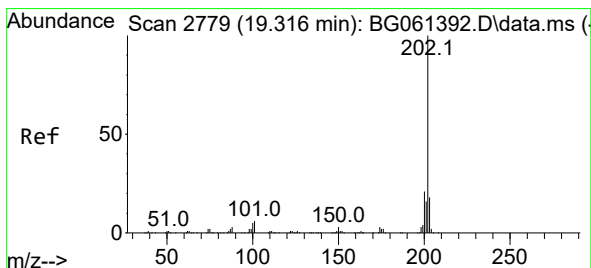
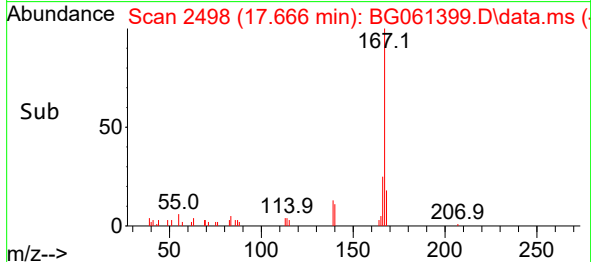
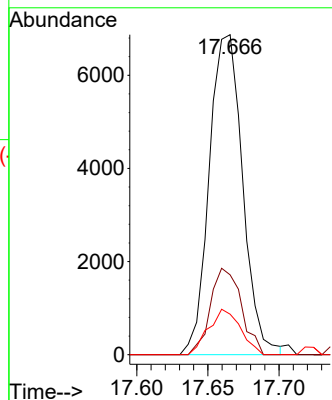
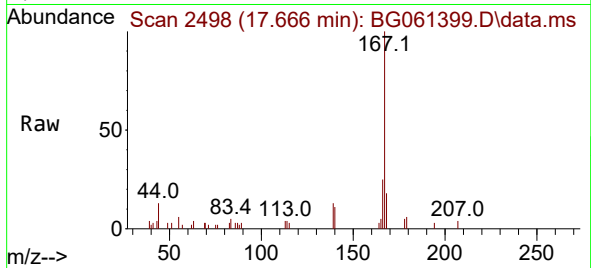




#77
 Carbazole
 Concen: 1.613 ng/ul
 RT: 17.666 min Scan# 2498
 Delta R.T. 0.002 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

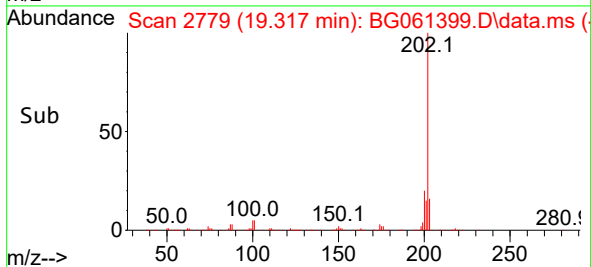
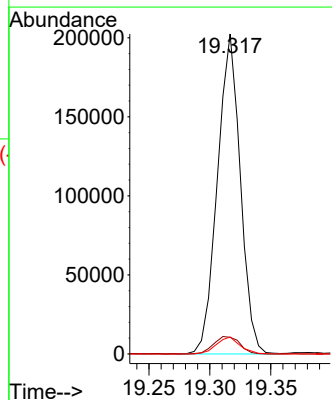
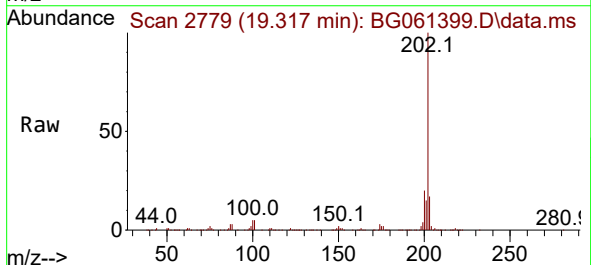
Instrument :
 BNA_G
 ClientSampleId :
 BH5S7

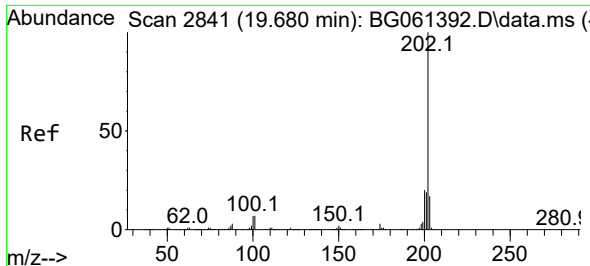
Tgt Ion:	167	Resp:	11227
Ion	Ratio	Lower	Upper
167	100		
166	25.0	18.6	28.0
139	12.6	10.6	15.8



#80
 Fluoranthene
 Concen: 24.327 ng/ul
 RT: 19.317 min Scan# 2779
 Delta R.T. 0.002 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

Tgt Ion:	202	Resp:	265140
Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.8	7.2
100	5.3	4.1	6.1

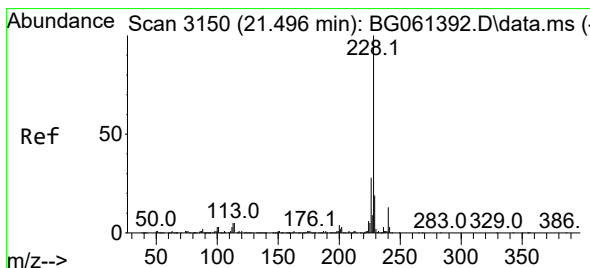
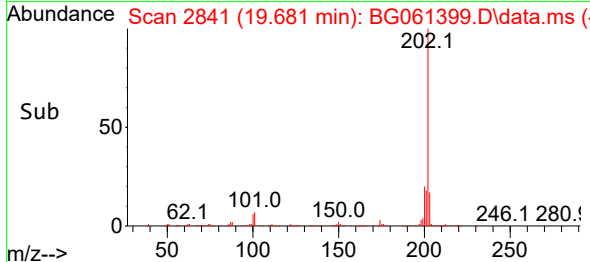
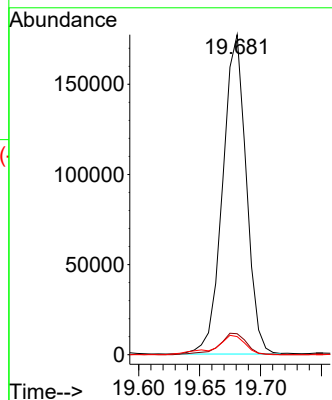
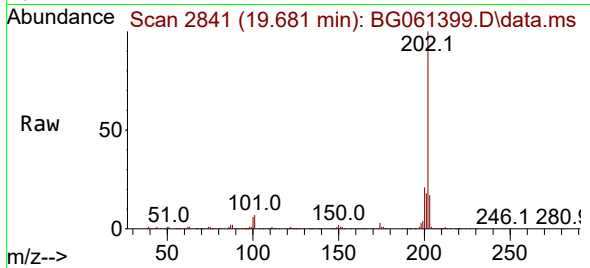




#82
 Pyrene
 Concen: 21.061 ng/ul
 RT: 19.681 min Scan# 2149
 Delta R.T. 0.002 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

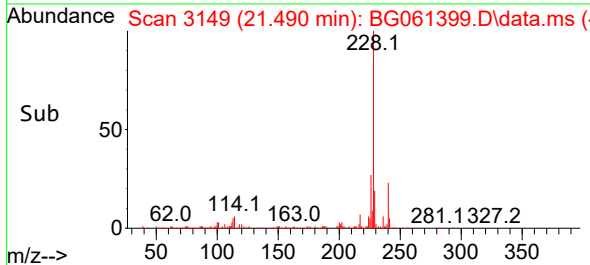
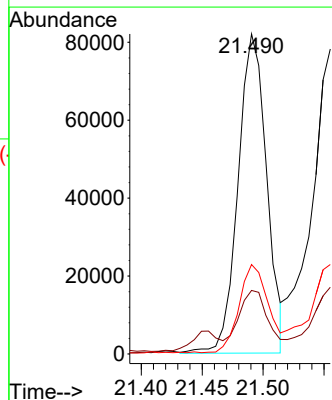
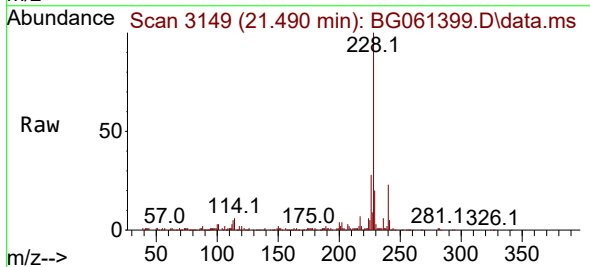
Instrument :
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 ClientSampleId :
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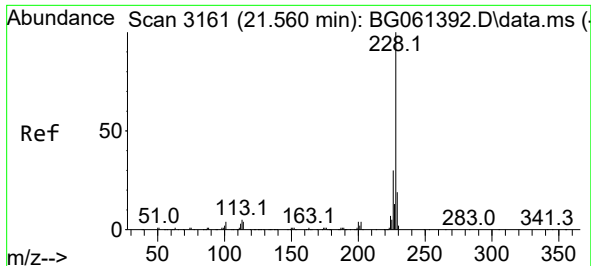
Tgt Ion:202 Resp: 238265
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.7 8.5
 100 5.6 5.1 7.7



#85
 Benzo(a)anthracene
 Concen: 10.957 ng/ul
 RT: 21.490 min Scan# 3149
 Delta R.T. -0.004 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

Tgt Ion:228 Resp: 133772
 Ion Ratio Lower Upper
 228 100
 229 19.8 15.2 22.8
 226 28.0 21.4 32.2





#87

Chrysene

Concen: 11.959 ng/ul

RT: 21.555 min Scan# 3160

Delta R.T. 0.002 min

Lab File: BG061399.D

Acq: 31 May 2024 18:53

Instrument :

BNA_G

ClientSampleId :

BH5S7

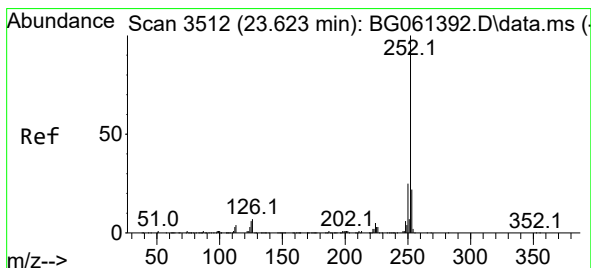
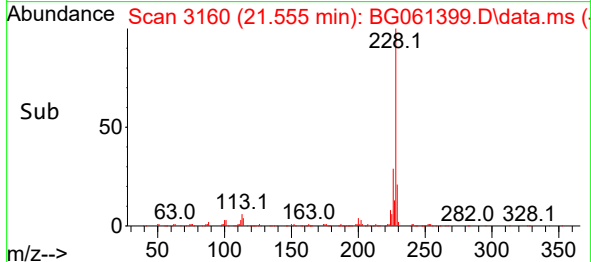
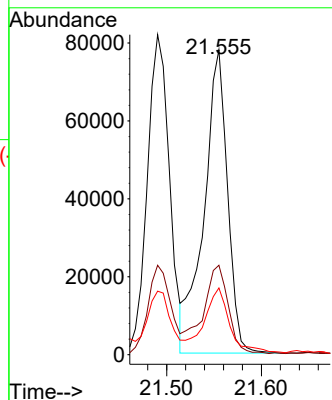
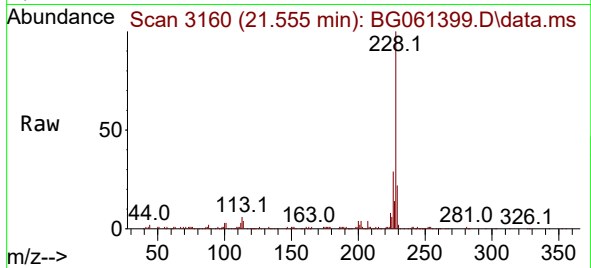
Tgt Ion:228 Resp: 134447

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

229 21.9 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 14.040 ng/ul

RT: 23.623 min Scan# 3512

Delta R.T. 0.008 min

Lab File: BG061399.D

Acq: 31 May 2024 18:53

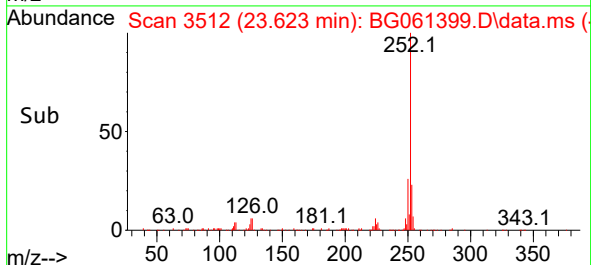
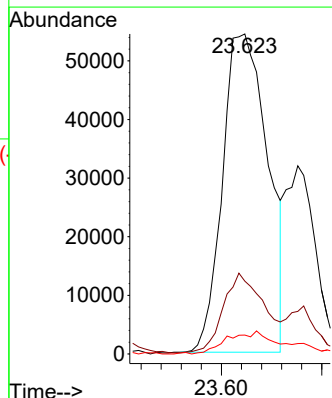
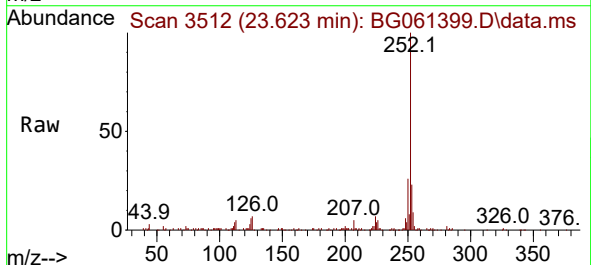
Tgt Ion:252 Resp: 170209

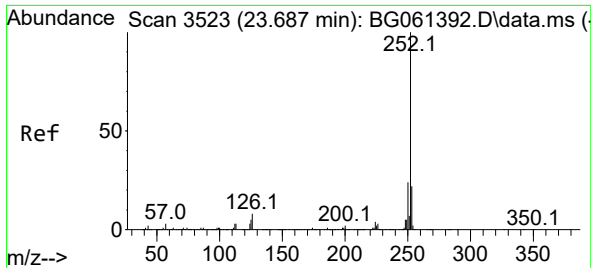
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 5.9 4.6 6.8

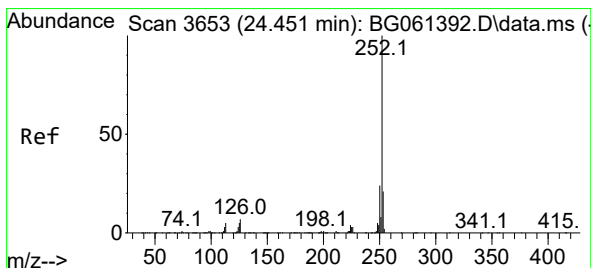
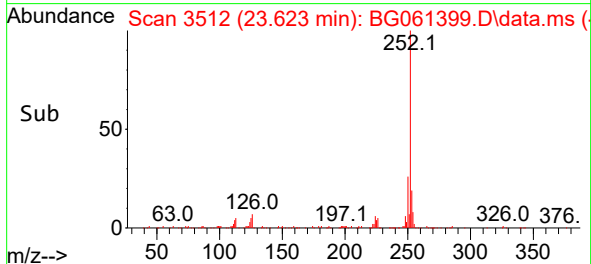
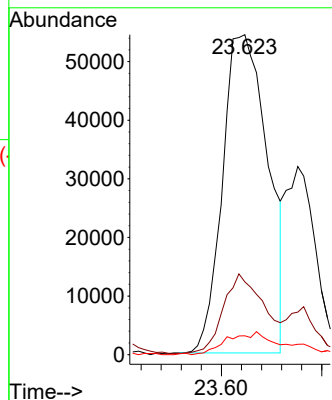
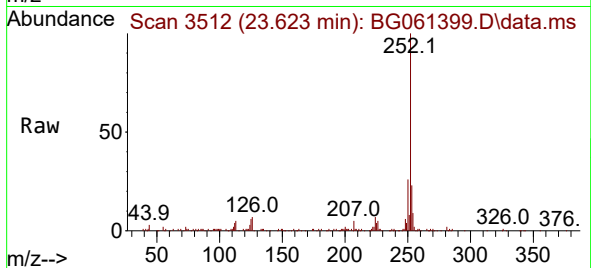




#91
Benzo(k)fluoranthene
Concen: 13.830 ng/ul
RT: 23.623 min Scan# 31
Delta R.T. -0.057 min
Lab File: BG061399.D
Acq: 31 May 2024 18:53

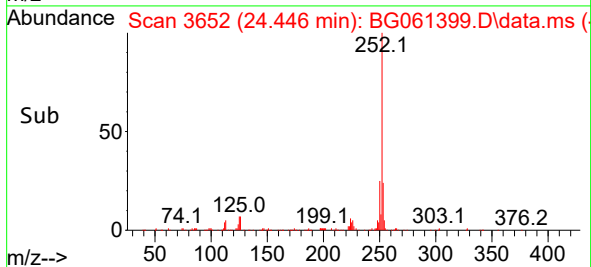
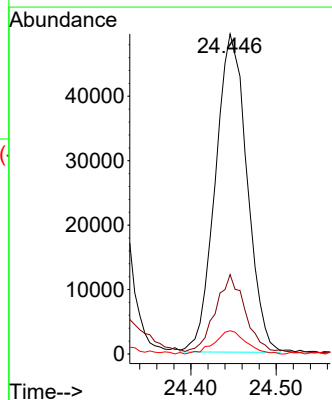
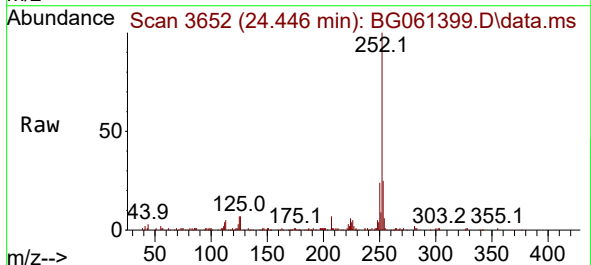
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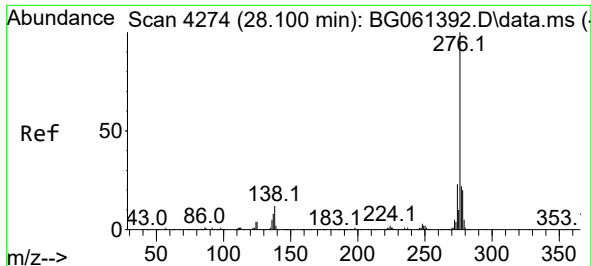
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Ion Ratio Lower Upper
252 100
253 22.7 16.0 24.0
125 5.9 4.3 6.5



#93
Benzo(a)pyrene
Concen: 11.071 ng/ul
RT: 24.446 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BG061399.D
Acq: 31 May 2024 18:53

Tgt Ion:252 Resp: 127452
Ion Ratio Lower Upper
252 100
253 24.8 16.4 24.6#
125 7.2 4.3 6.5#

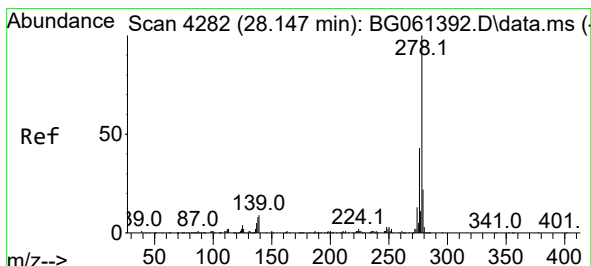
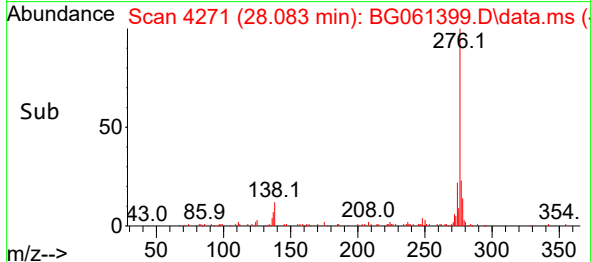
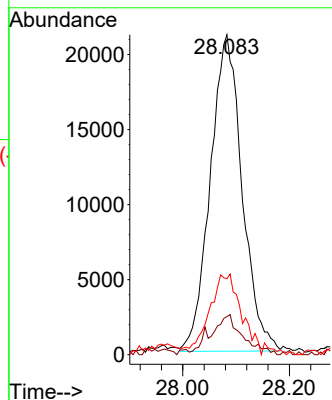
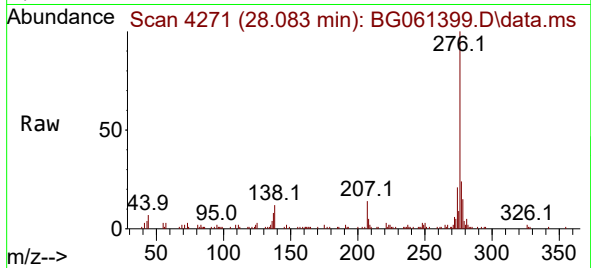




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 6.280 ng/ul
 RT: 28.083 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

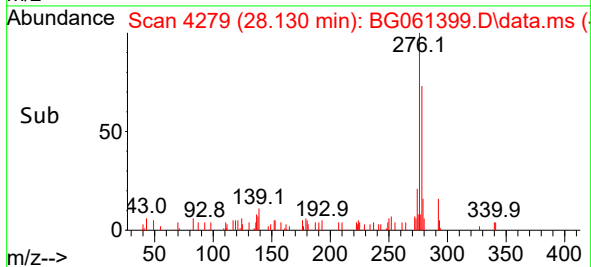
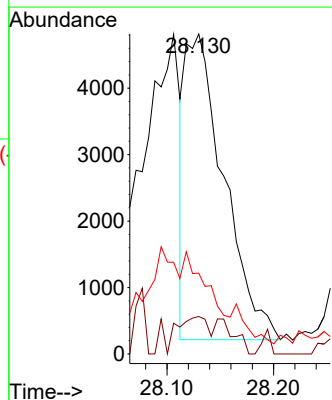
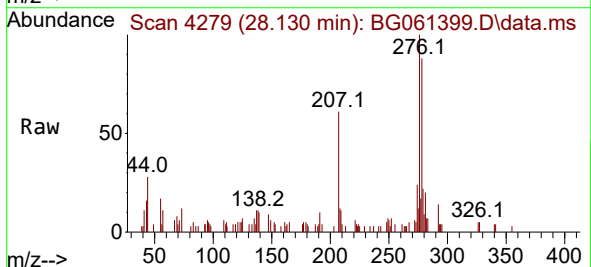
Instrument :
 BNA_G
 ClientSampleId :
 BH5S7

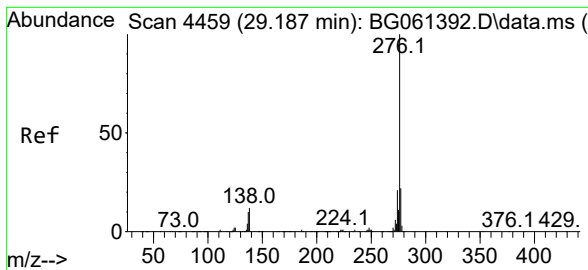
Tgt Ion:276 Resp: 87431
 Ion Ratio Lower Upper
 276 100
 138 11.9 8.6 13.0
 277 23.8 19.7 29.5



#95
 Dibenzo(a,h)anthracene
 Concen: 1.018 ng/ul
 RT: 28.130 min Scan# 4279
 Delta R.T. -0.010 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

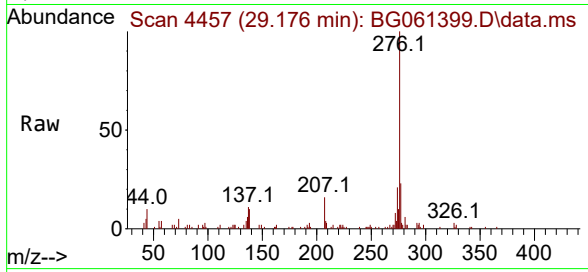
Tgt Ion:278 Resp: 11683
 Ion Ratio Lower Upper
 278 100
 139 11.7 6.4 9.6#
 279 25.3 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 7.225 ng/ul
 RT: 29.176 min Scan# 44
 Delta R.T. 0.002 min
 Lab File: BG061399.D
 Acq: 31 May 2024 18:53

Instrument :
 BNA_G
 ClientSampleId :
 BH5S7



Tgt Ion:	276	Resp:	80012
Ion Ratio	Lower	Upper	
276	100		
138	10.5	8.7	13.1
277	22.6	18.2	27.2

