

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061822.D
 Acq On : 1 Jul 2024 21:34
 Operator : MA/JU
 Sample : P2962-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COT89

Quant Time: Jul 01 22:55:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

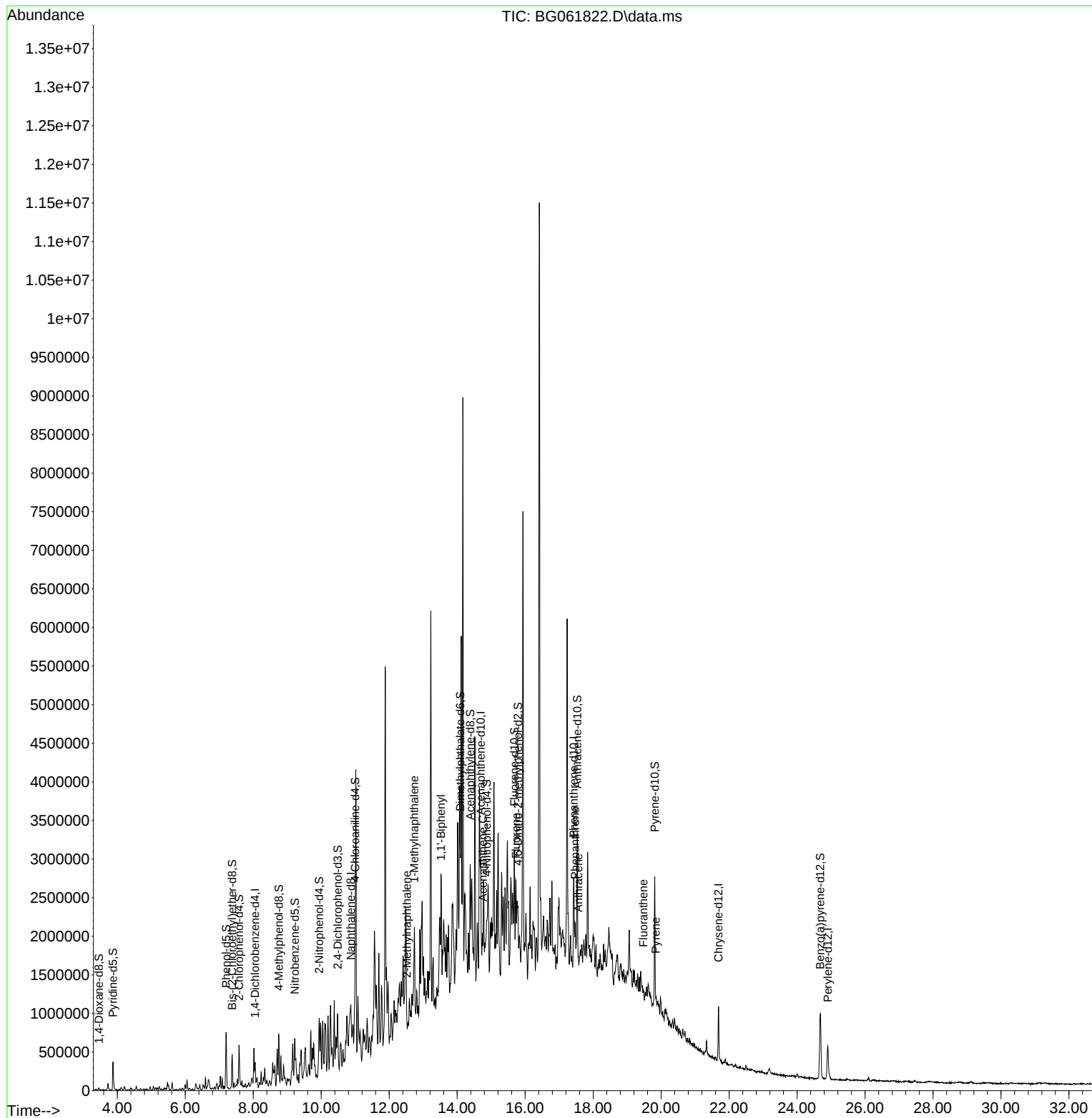
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	79456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	345955	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.690	164	219702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	468131	20.000	ng/ul	0.00
79) Chrysene-d12	21.687	240	395626	20.000	ng/ul	0.00
88) Perylene-d12	24.907	264	458466	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	14356	6.527	ng/uL	0.00
4) Pyridine-d5	3.873	84	187826	28.244	ng/ul	0.00
7) Phenol-d5	7.204	99	296534	34.378	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	196724	36.586	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	210127	35.499	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	214971	32.238	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	108035	45.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	125003	52.542	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	221236	39.272	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	372584	43.684	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	643563	38.065	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	763592	41.212	ng/ul	0.00
54) 4-Nitrophenol-d4	14.872	143	123450	42.516	ng/ul	0.00
60) Fluorene-d10	15.683	176	586776	39.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	59214	29.581	ng/ul	0.00
73) Anthracene-d10	17.533	188	873023	40.856	ng/ul	0.00
81) Pyrene-d10	19.813	212	940700	42.568	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.684	264	938595	42.864	ng/ul	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.522	142	61995	4.539	ng/ul	97
37) 1-Methylnaphthalene	12.739	142	474092	32.530	ng/ul#	90
43) 1,1'-Biphenyl	13.520	154	139766	8.782	ng/ul	95
52) Acenaphthene	14.754	153	45115	3.150	ng/ul#	82
61) Fluorene	15.735	166	87056	5.248	ng/ul#	86
72) Phenanthrene	17.475	178	202481	8.222	ng/ul#	94
74) Anthracene	17.563	178	34691	1.377	ng/ul#	66
80) Fluoranthene	19.478	202	40511	1.580	ng/ul#	91
82) Pyrene	19.842	202	74389	2.728	ng/ul#	93

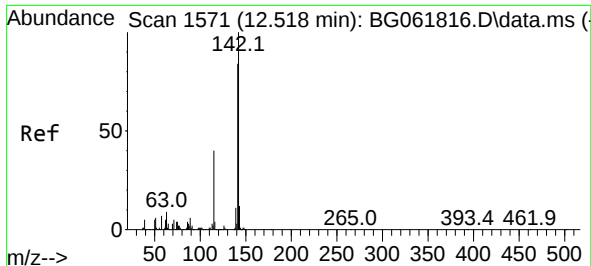
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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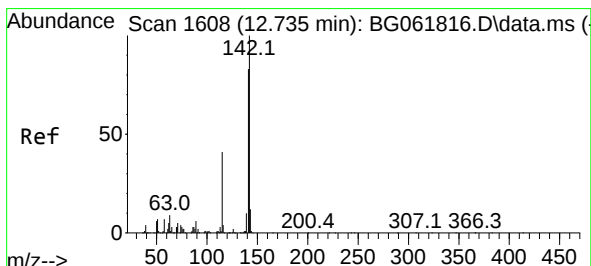
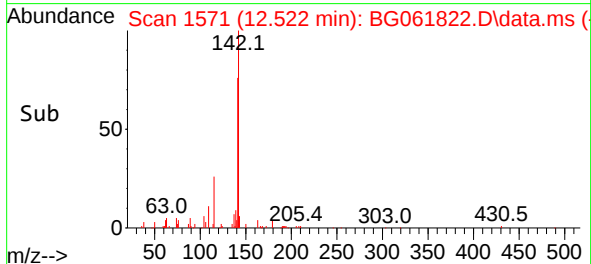
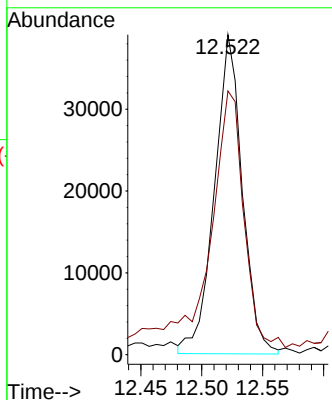
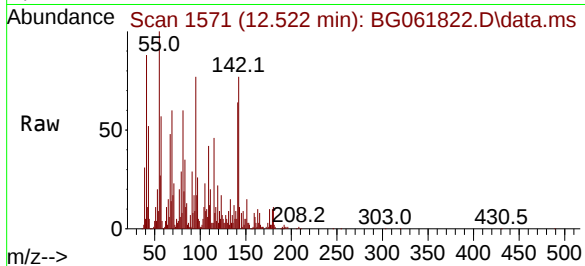




#36
2-Methylnaphthalene
Concen: 4.539 ng/ul
RT: 12.522 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG061822.D
Acq: 1 Jul 2024 21:34

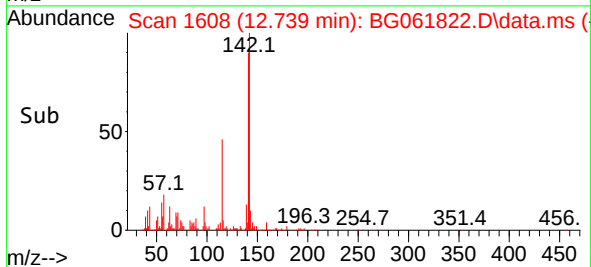
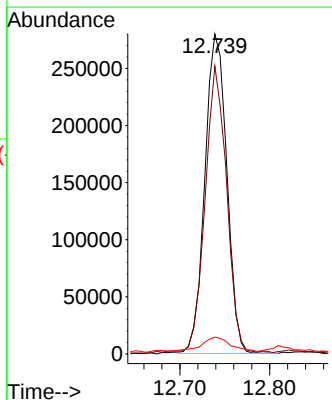
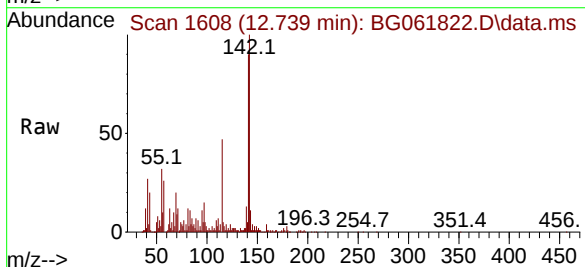
Instrument :
BNA_G
ClientSampleId :
COT89

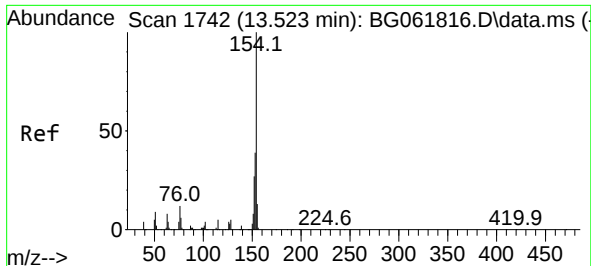
Tgt Ion:142 Resp: 61995
Ion Ratio Lower Upper
142 100
141 82.4 68.5 102.7



#37
1-Methylnaphthalene
Concen: 32.530 ng/ul
RT: 12.739 min Scan# 1608
Delta R.T. 0.003 min
Lab File: BG061822.D
Acq: 1 Jul 2024 21:34

Tgt Ion:142 Resp: 474092
Ion Ratio Lower Upper
142 100
141 90.0 64.6 97.0
116 5.2 3.0 4.6#

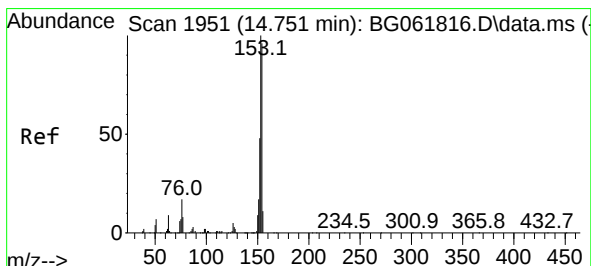
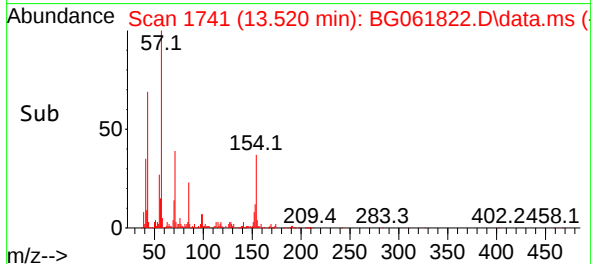
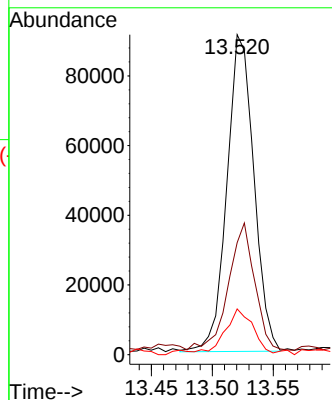
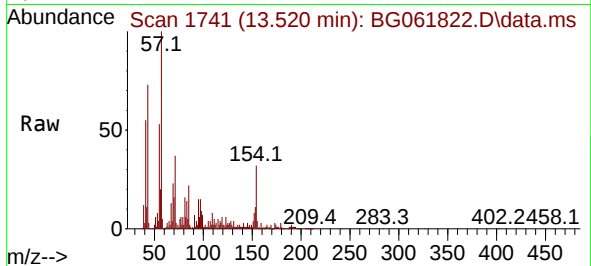




#43
1,1'-Biphenyl
Concen: 8.782 ng/ul
RT: 13.520 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG061822.D
Acq: 1 Jul 2024 21:34

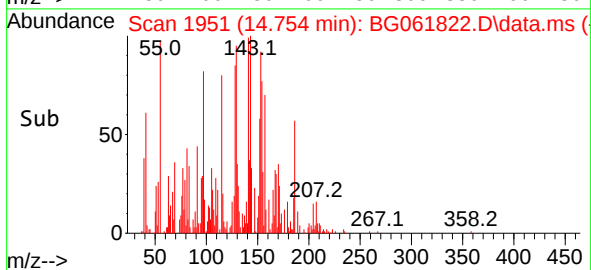
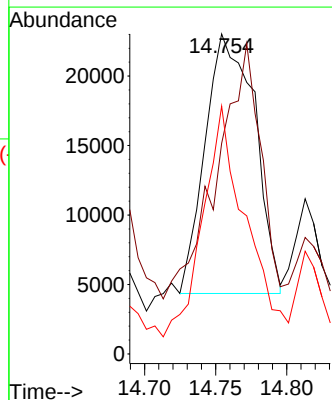
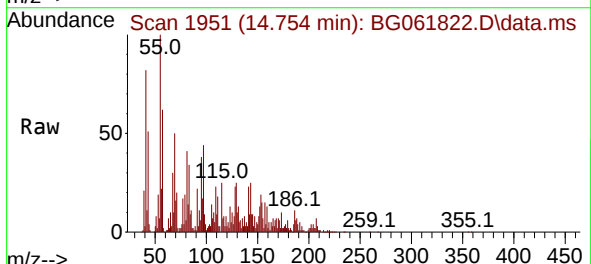
Instrument :
BNA_G
ClientSampleId :
COT89

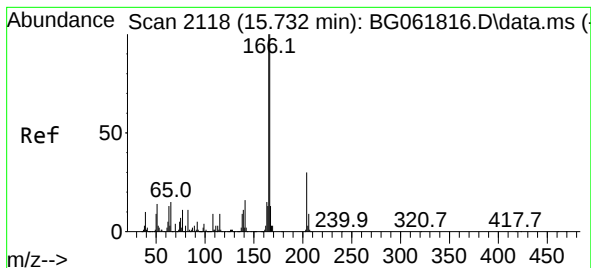
Tgt Ion:154 Resp: 139766
Ion Ratio Lower Upper
154 100
153 35.0 31.4 47.0
76 14.3 11.0 16.4



#52
Acenaphthene
Concen: 3.150 ng/ul
RT: 14.754 min Scan# 1951
Delta R.T. 0.003 min
Lab File: BG061822.D
Acq: 1 Jul 2024 21:34

Tgt Ion:153 Resp: 45115
Ion Ratio Lower Upper
153 100
152 65.8 40.0 60.0#
154 77.5 74.1 111.1





#61

Fluorene

Concen: 5.248 ng/ul

RT: 15.735 min Scan# 2118

Delta R.T. 0.003 min

Lab File: BG061822.D

Acq: 1 Jul 2024 21:34

Instrument :

BNA_G

ClientSampleId :

C0T89

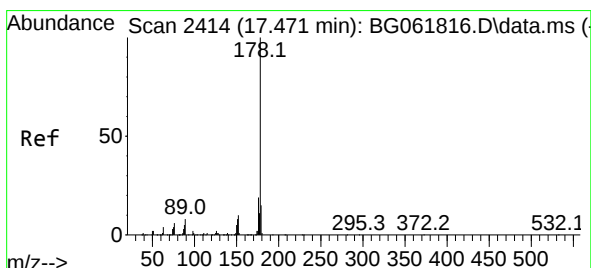
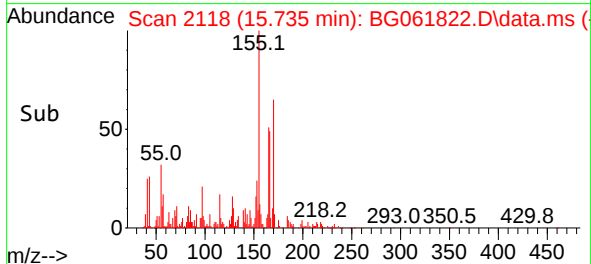
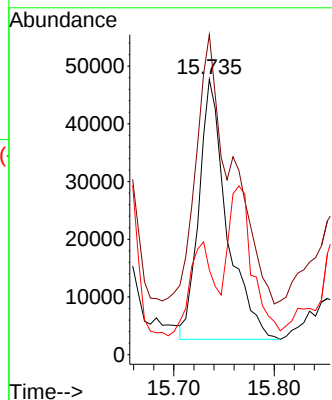
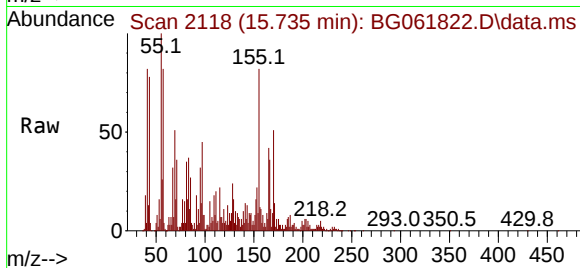
Tgt Ion:166 Resp: 87056

Ion Ratio Lower Upper

166 100

165 116.2 84.9 127.3

167 30.9 10.9 16.3#



#72

Phenanthrene

Concen: 8.222 ng/ul

RT: 17.475 min Scan# 2414

Delta R.T. 0.003 min

Lab File: BG061822.D

Acq: 1 Jul 2024 21:34

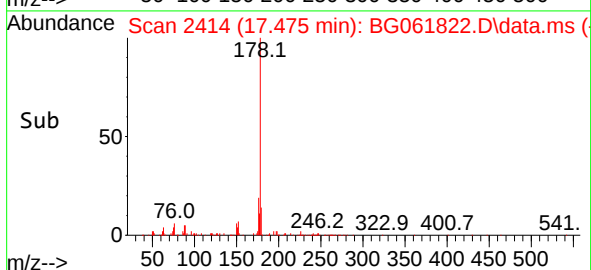
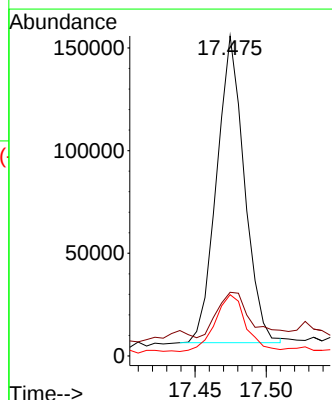
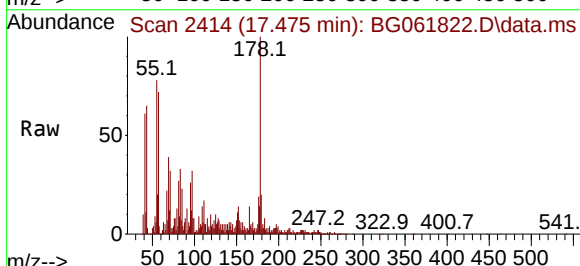
Tgt Ion:178 Resp: 202481

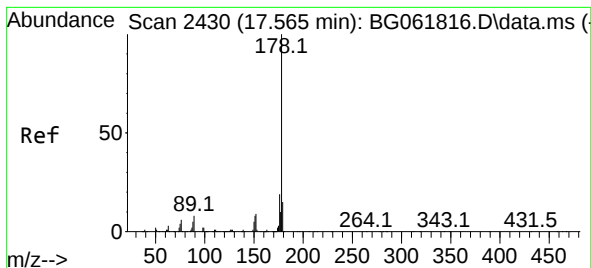
Ion Ratio Lower Upper

178 100

179 19.9 12.0 18.0#

176 19.2 16.2 24.2





#74

Anthracene

Concen: 1.377 ng/ul

RT: 17.563 min Scan# 2430

Delta R.T. -0.003 min

Lab File: BG061822.D

Acq: 1 Jul 2024 21:34

Instrument :

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ClientSampleId :

COT89

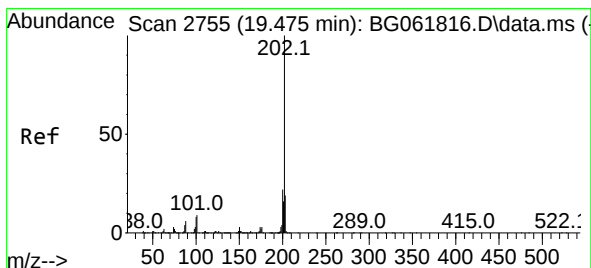
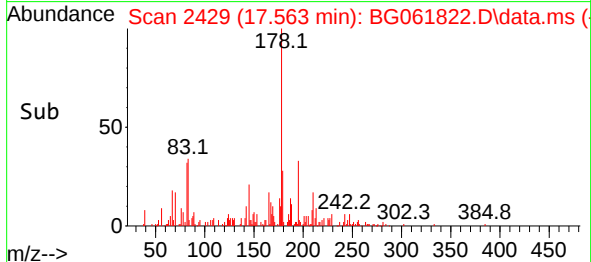
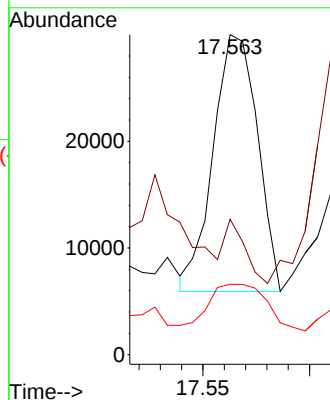
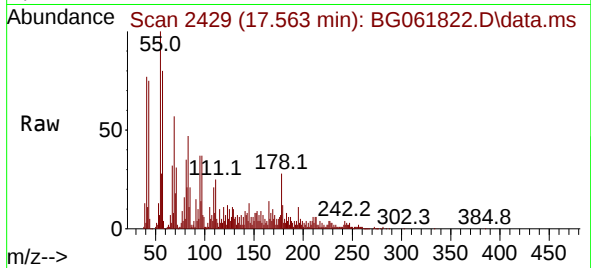
Tgt Ion:178 Resp: 34691

Ion Ratio Lower Upper

178 100

179 42.3 11.4 17.2#

176 22.0 14.7 22.1



#80

Fluoranthene

Concen: 1.580 ng/ul

RT: 19.478 min Scan# 2755

Delta R.T. 0.003 min

Lab File: BG061822.D

Acq: 1 Jul 2024 21:34

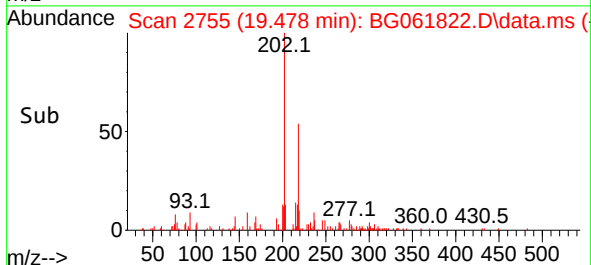
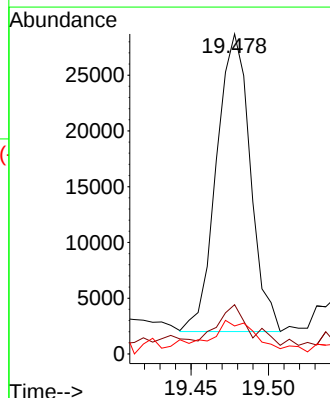
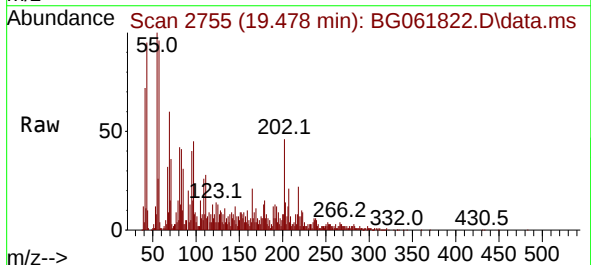
Tgt Ion:202 Resp: 40511

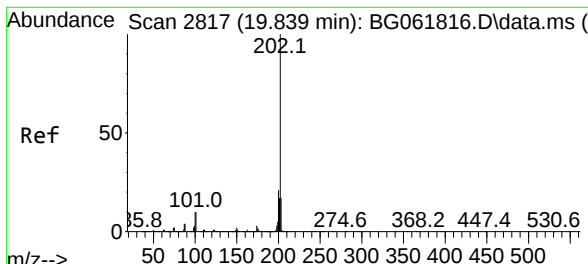
Ion Ratio Lower Upper

202 100

101 15.4 7.8 11.6#

100 8.8 7.7 11.5





#82
 Pyrene
 Concen: 2.728 ng/ul
 RT: 19.842 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG061822.D
 Acq: 1 Jul 2024 21:34

Instrument :
 BNA_G
 ClientSampleId :
 C0T89

Tgt Ion:202 Resp: 74389

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.1	15.1
100	8.4	9.9	14.9#

