

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062723.D
 Acq On : 11 Sep 2024 6:25
 Operator : JU/RC
 Sample : P3877-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVX7

Quant Time: Sep 11 07:08:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

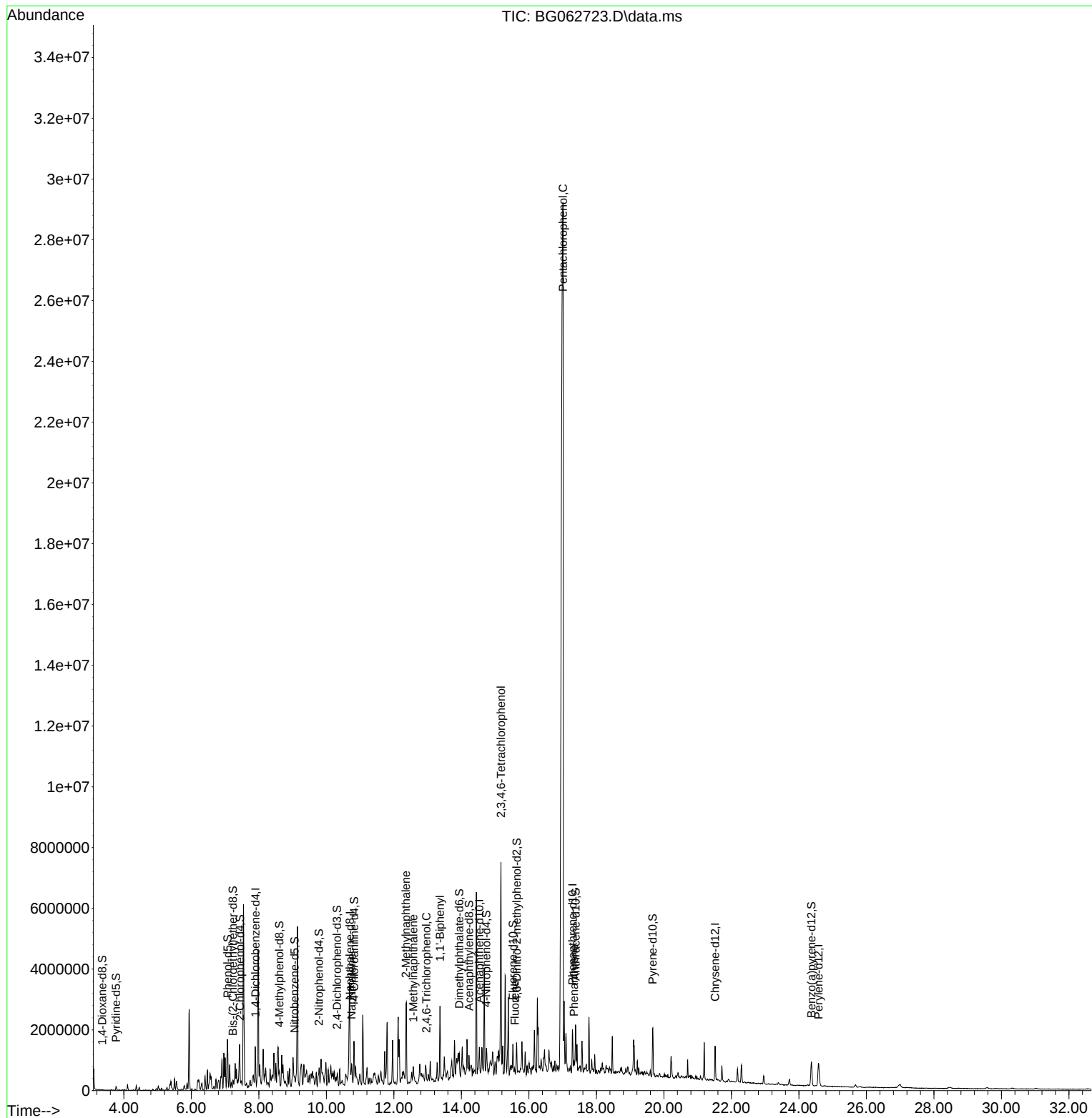
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.903	152	81387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	345824	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.530	164	283259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	662889	20.000	ng/ul	0.02
79) Chrysene-d12	21.516	240	698339	20.000	ng/ul	0.00
88) Perylene-d12	24.577	264	781427	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	6001	3.333	ng/uL	0.00
4) Pyridine-d5	3.766	84	70320	12.270	ng/ul	0.00
7) Phenol-d5	7.074	99	129218	18.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.233	67	84993	19.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.439	132	100750	19.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	112551	18.925	ng/ul	0.00
21) Nitrobenzene-d5	9.060	128	54276	21.959	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	60103	22.235	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	122960	20.887	ng/ul	0.00
31) 4-Chloroaniline-d4	10.823	131	129036	15.947	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	417698	19.149	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	491659	20.295	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	72133	19.466	ng/ul	0.00
60) Fluorene-d10	15.529	176	388216	19.750	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	71687	18.800	ng/ul	0.00
73) Anthracene-d10	17.386	188	661522	21.145	ng/ul	0.00
81) Pyrene-d10	19.665	212	806184	20.515	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.372	264	856239	20.751	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.746	128	273047	14.726	ng/ul	97
36) 2-Methylnaphthalene	12.356	142	349517	25.540	ng/ul	96
37) 1-Methylnaphthalene	12.574	142	216422	15.439	ng/ul	99
41) 2,4,6-Trichlorophenol	12.967	196	16757	2.841	ng/ul	90
43) 1,1'-Biphenyl	13.367	154	44479	2.233	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.171	232	1614849	251.616	ng/ul#	97
61) Fluorene	15.582	166	32185	1.522	ng/ul#	80
71) Pentachlorophenol	17.010	266	12181173	2338.331	ng/ul#	71
72) Phenanthrene	17.333	178	110715	3.212	ng/ul#	91

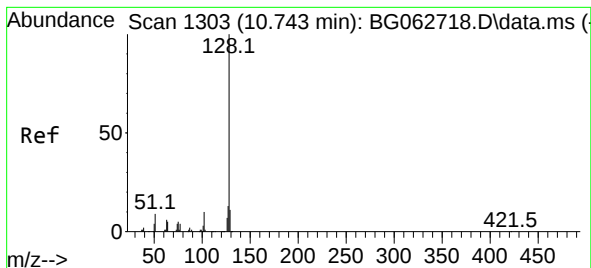
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

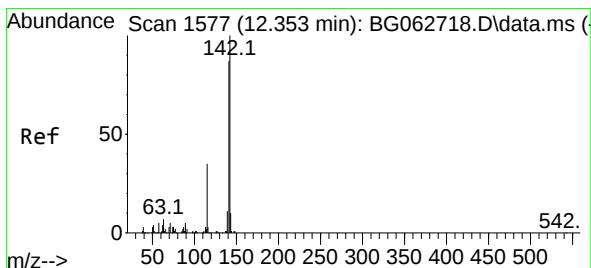
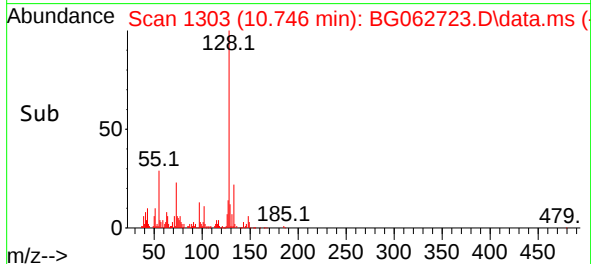
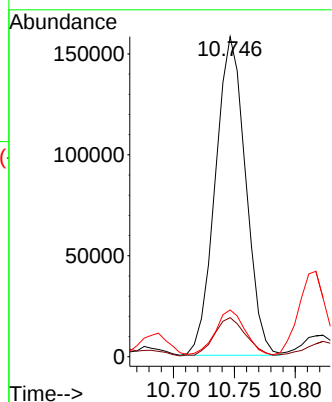
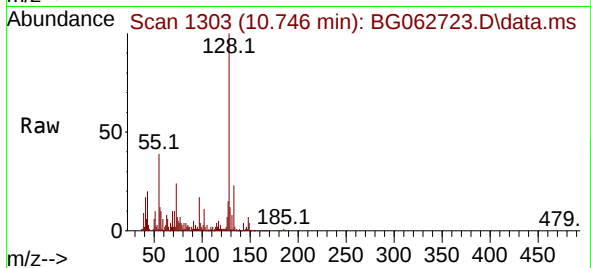




#30
Naphthalene
Concen: 14.726 ng/ul
RT: 10.746 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG062723.D
Acq: 11 Sep 2024 6:25

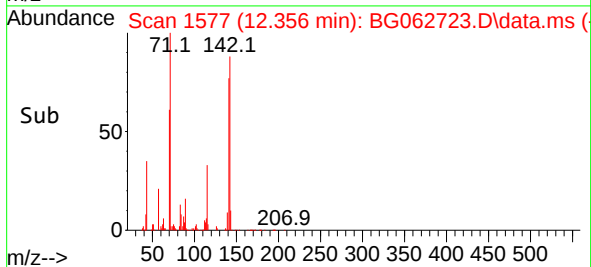
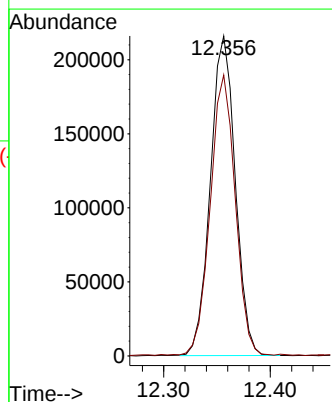
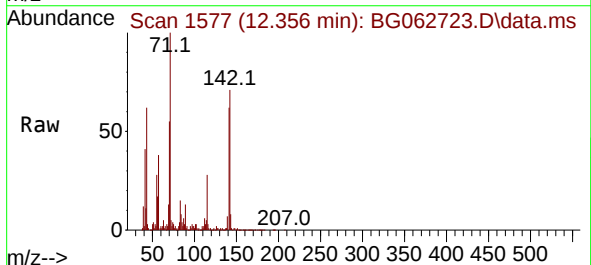
Instrument :
BNA_G
ClientSampleId :
DCVX7

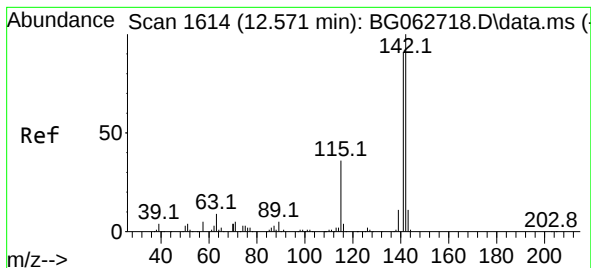
Tgt Ion:128 Resp: 273047
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.6 10.7 16.1



#36
2-Methylnaphthalene
Concen: 25.540 ng/ul
RT: 12.356 min Scan# 1577
Delta R.T. -0.002 min
Lab File: BG062723.D
Acq: 11 Sep 2024 6:25

Tgt Ion:142 Resp: 349517
Ion Ratio Lower Upper
142 100
141 87.8 73.4 110.2





#37

1-Methylnaphthalene

Concen: 15.439 ng/ul

RT: 12.574 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062723.D

Acq: 11 Sep 2024 6:25

Instrument :

BNA_G

ClientSampleId :

DCVX7

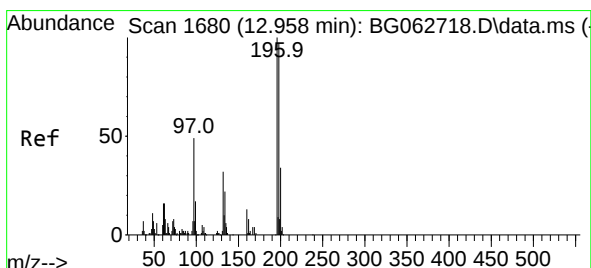
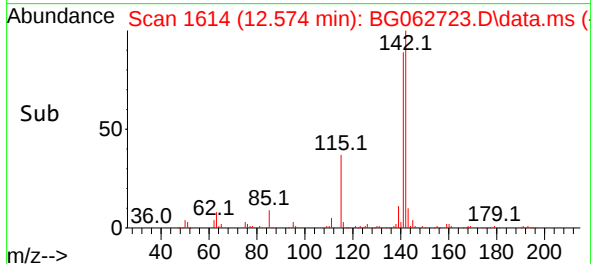
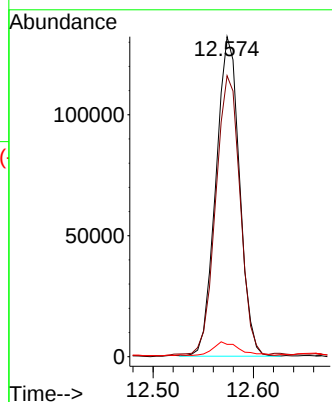
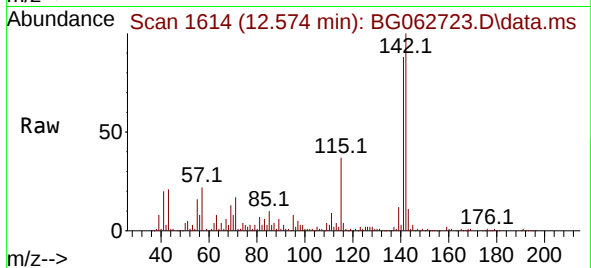
Tgt Ion:142 Resp: 216422

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7

116 3.9 3.0 4.6



#41

2,4,6-Trichlorophenol

Concen: 2.841 ng/ul

RT: 12.967 min Scan# 1681

Delta R.T. 0.003 min

Lab File: BG062723.D

Acq: 11 Sep 2024 6:25

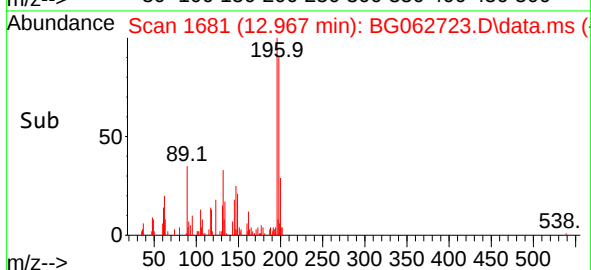
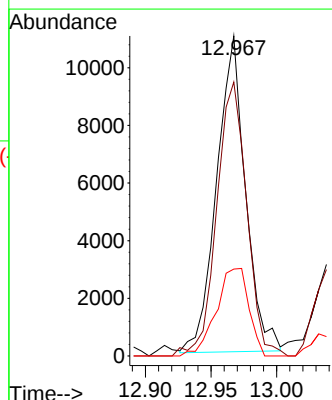
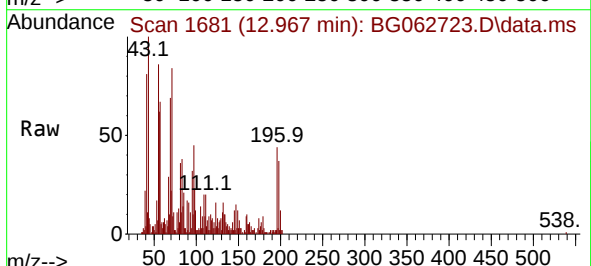
Tgt Ion:196 Resp: 16757

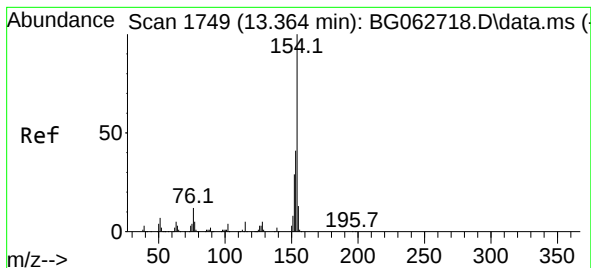
Ion Ratio Lower Upper

196 100

198 85.6 76.2 114.4

200 27.1 26.0 39.0





#43

1,1'-Biphenyl

Concen: 2.233 ng/ul

RT: 13.367 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG062723.D

Acq: 11 Sep 2024 6:25

Instrument :

BNA_G

ClientSampleId :

DCVX7

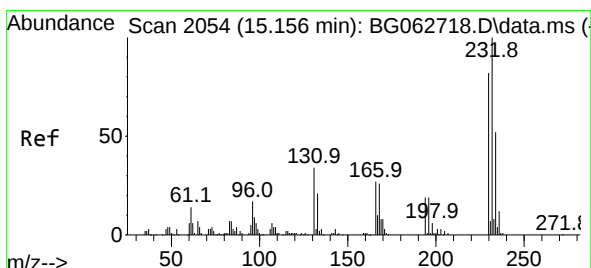
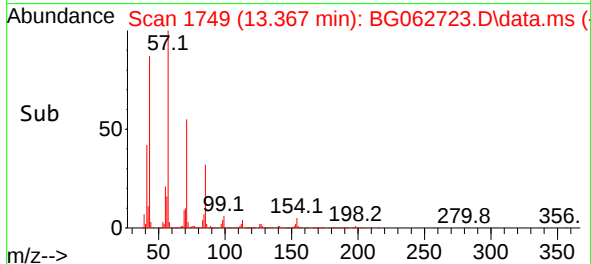
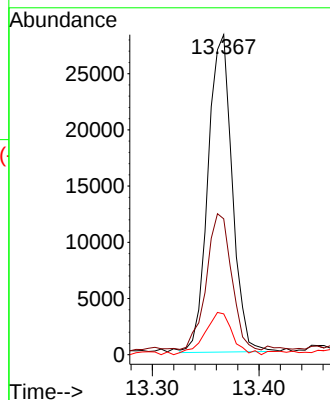
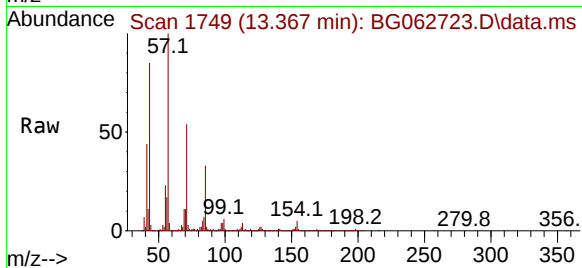
Tgt Ion:154 Resp: 44479

Ion Ratio Lower Upper

154 100

153 42.4 33.4 50.0

76 12.8 10.1 15.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 251.616 ng/ul

RT: 15.171 min Scan# 2056

Delta R.T. 0.015 min

Lab File: BG062723.D

Acq: 11 Sep 2024 6:25

Tgt Ion:232 Resp: 1614849

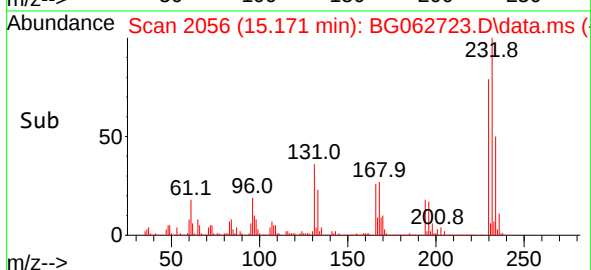
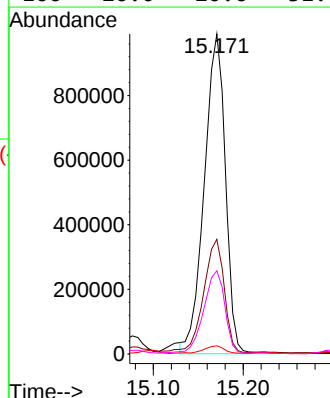
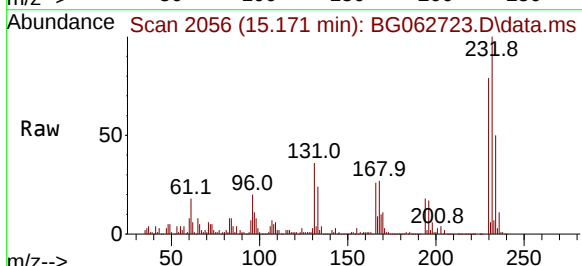
Ion Ratio Lower Upper

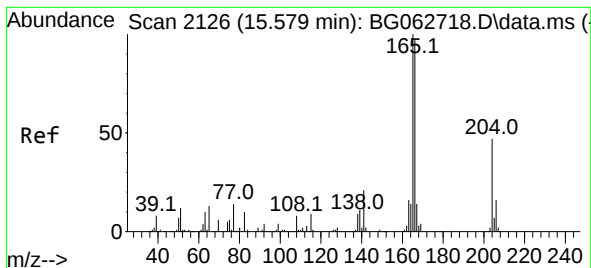
232 100

131 35.8 26.6 40.0

130 2.6 1.6 2.4#

166 26.0 20.6 31.0





#61

Fluorene

Concen: 1.522 ng/ul

RT: 15.582 min Scan# 2126

Delta R.T. 0.003 min

Lab File: BG062723.D

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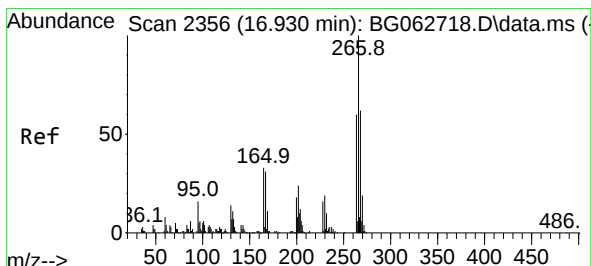
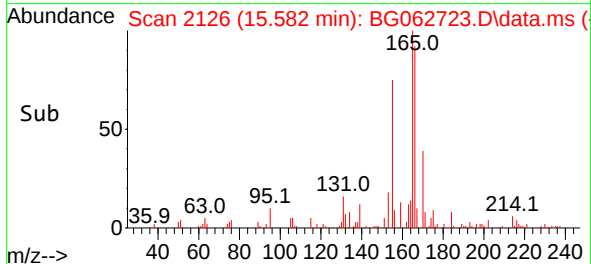
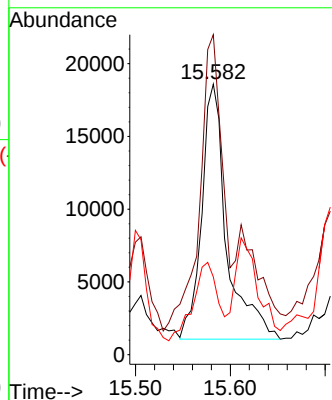
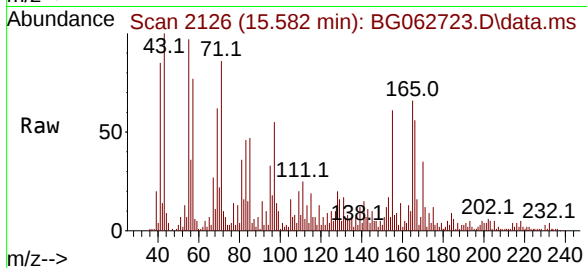
Tgt Ion:166 Resp: 32185

Ion Ratio Lower Upper

166 100

165 118.3 80.9 121.3

167 28.7 10.9 16.3#



#71

Pentachlorophenol

Concen: 2338.331 ng/ul

RT: 17.010 min Scan# 2369

Delta R.T. 0.080 min

Lab File: BG062723.D

Acq: 11 Sep 2024 6:25

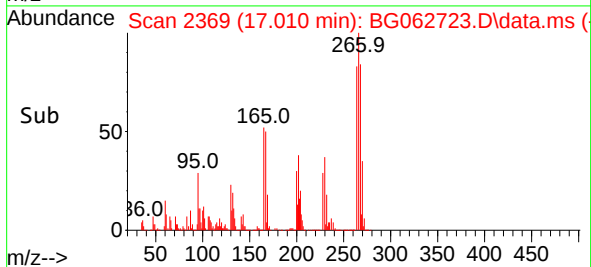
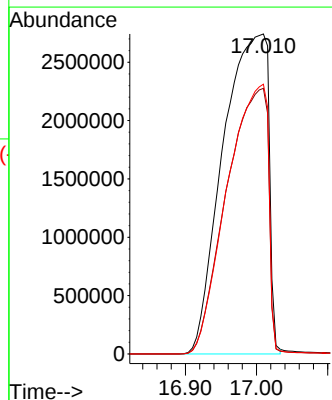
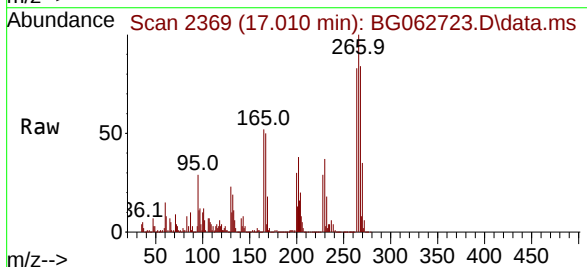
Tgt Ion:266 Resp:12181173

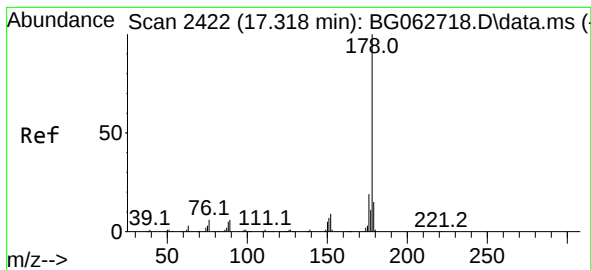
Ion Ratio Lower Upper

266 100

264 83.0 48.6 72.8#

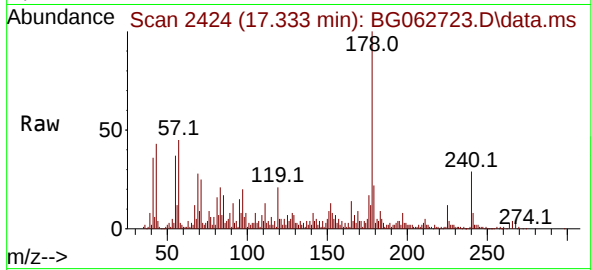
268 84.3 49.5 74.3#





#72
Phenanthrene
Concen: 3.212 ng/ul
RT: 17.333 min Scan# 2424
Delta R.T. 0.009 min
Lab File: BG062723.D
Acq: 11 Sep 2024 6:25

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:178 Resp: 110715
Ion Ratio Lower Upper
178 100
179 22.1 12.1 18.1#
176 17.0 14.9 22.3

