

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062793.D
 Acq On : 13 Sep 2024 18:19
 Operator : JU/RC
 Sample : P3898-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC58

Quant Time: Sep 13 23:56:20 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

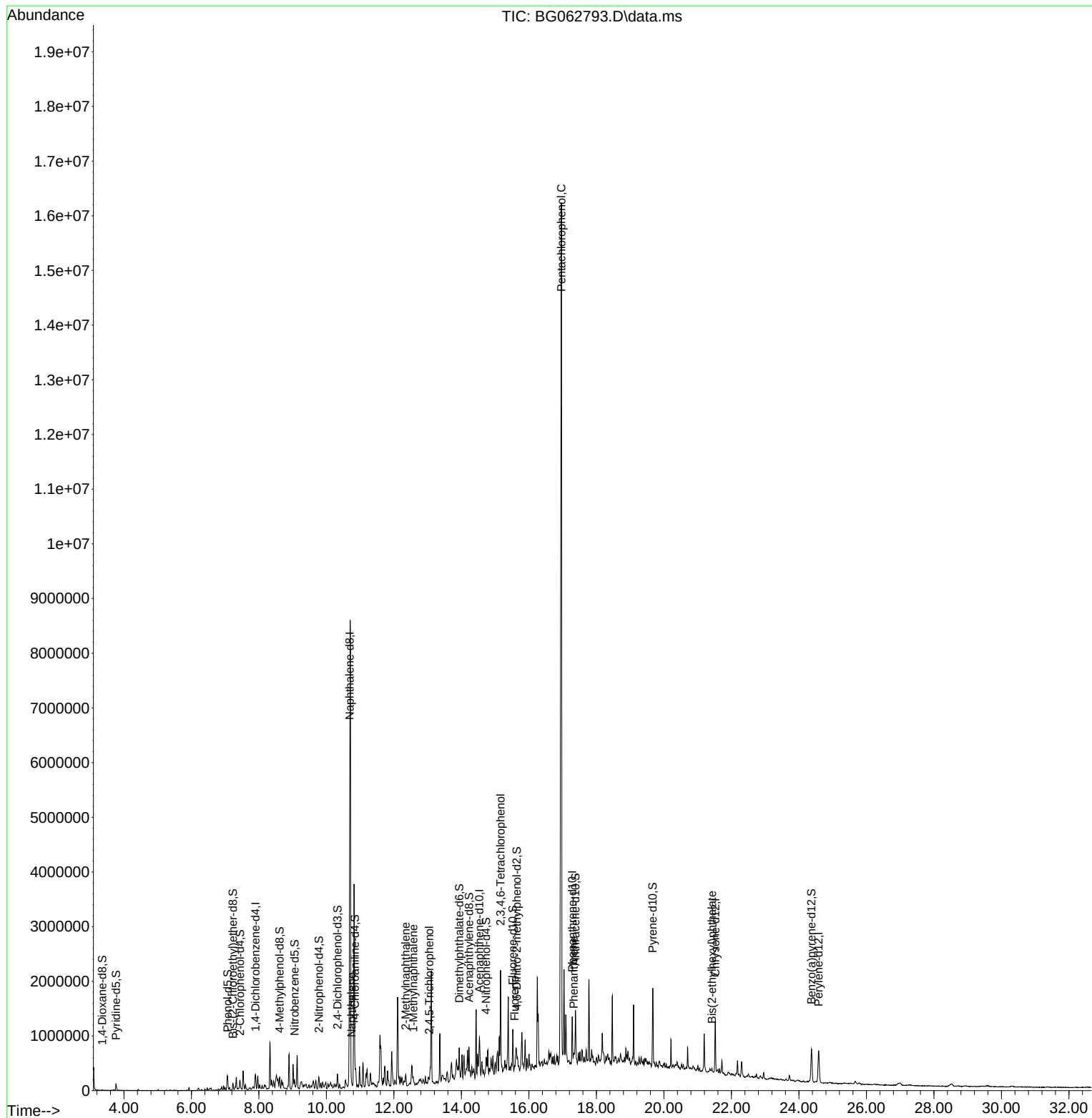
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	62728	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	230369	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.530	164	224408	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.285	188	526551	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	532370	20.000	ng/ul	0.00
88) Perylene-d12	24.582	264	610333	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.354	96	4492	3.237	ng/uL	0.00
4) Pyridine-d5	3.766	84	62836	14.225	ng/ul	0.00
7) Phenol-d5	7.074	99	94484	17.177	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	53003	16.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.438	132	76392	19.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.613	113	86179	18.801	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	40432	24.557	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	49331	27.396	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.329	165	100526	25.635	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	84376	15.653	ng/ul	0.01
46) Dimethylphthalate-d6	13.936	166	333737	19.312	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	389988	20.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.729	143	51020	17.379	ng/ul	0.00
60) Fluorene-d10	15.522	176	314408	20.190	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	69760	23.032	ng/ul	0.00
73) Anthracene-d10	17.379	188	516457	20.783	ng/ul	0.00
81) Pyrene-d10	19.665	212	626706	20.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.371	264	665241	20.642	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.746	128	25983	2.104	ng/ul#	89
36) 2-Methylnaphthalene	12.350	142	82355	9.034	ng/ul	88
37) 1-Methylnaphthalene	12.573	142	58050	6.217	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.043	196	10882	2.169	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.158	232	320192	62.974	ng/ul#	98
61) Fluorene	15.575	166	17769	1.061	ng/ul#	83
71) Pentachlorophenol	16.962	266	4097524	990.236	ng/ul	89
72) Phenanthrene	17.326	178	88999	3.250	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.421	149	23216	1.487	ng/ul#	94

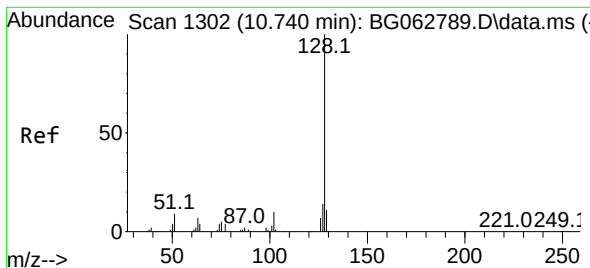
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 2.104 ng/ul

RT: 10.746 min Scan# 1

Delta R.T. -0.003 min

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Instrument :

BNA_G

ClientSampleId :

DDC58

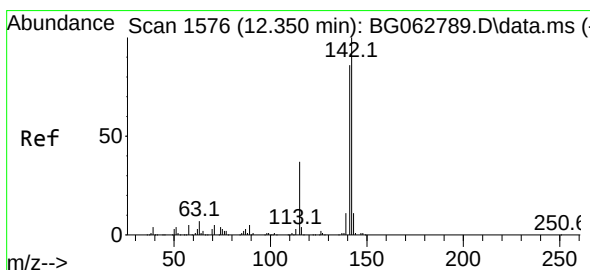
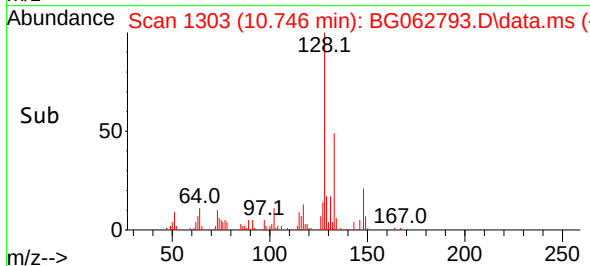
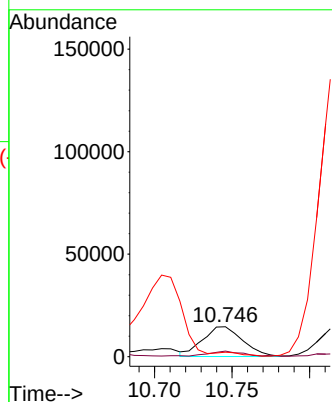
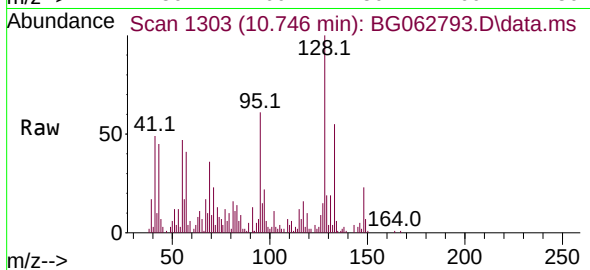
Tgt Ion:128 Resp: 25983

Ion Ratio Lower Upper

128 100

129 18.7 9.0 13.6#

127 15.0 10.7 16.1



#36

2-Methylnaphthalene

Concen: 9.034 ng/ul

RT: 12.350 min Scan# 1576

Delta R.T. -0.009 min

Lab File: BG062793.D

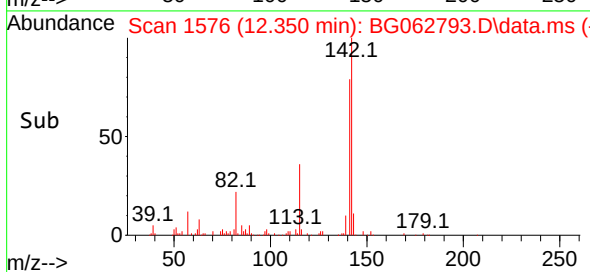
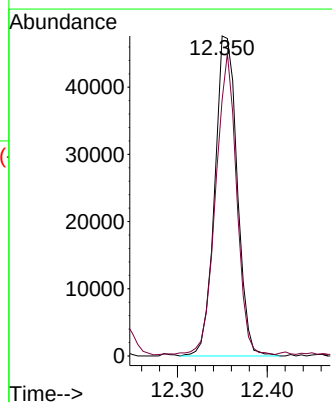
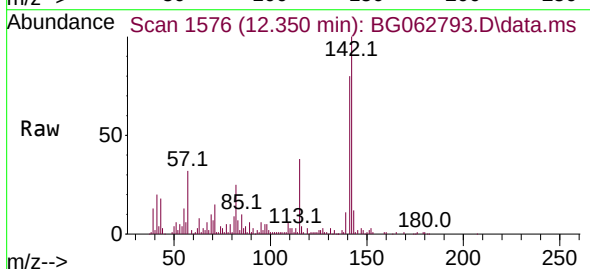
Acq: 13 Sep 2024 18:19

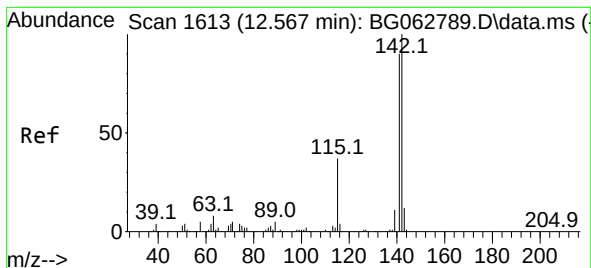
Tgt Ion:142 Resp: 82355

Ion Ratio Lower Upper

142 100

141 80.0 73.4 110.2





#37

1-Methylnaphthalene

Concen: 6.217 ng/ul

RT: 12.573 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062793.D

Acq: 13 Sep 2024 18:19

Instrument :

BNA_G

ClientSampleId :

DDC58

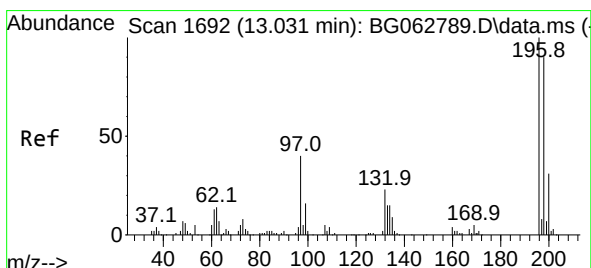
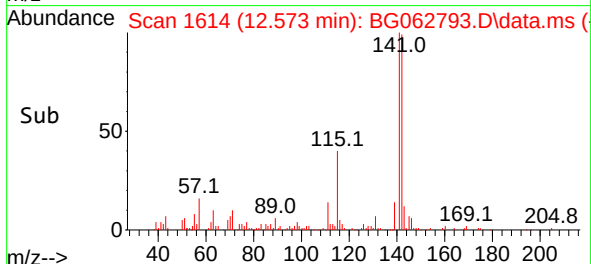
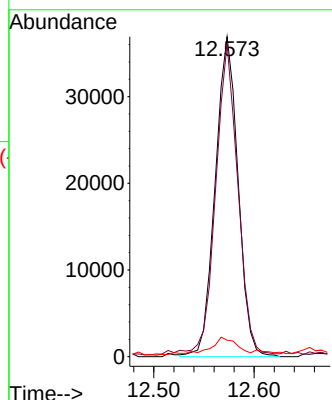
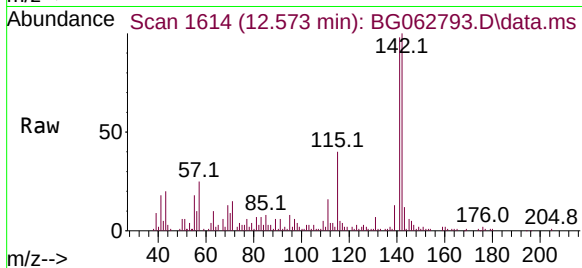
Tgt Ion:142 Resp: 58050

Ion Ratio Lower Upper

142 100

141 97.7 71.1 106.7

116 5.1 3.0 4.6#



#42

2,4,5-Trichlorophenol

Concen: 2.169 ng/ul

RT: 13.043 min Scan# 1694

Delta R.T. 0.003 min

Lab File: BG062793.D

Acq: 13 Sep 2024 18:19

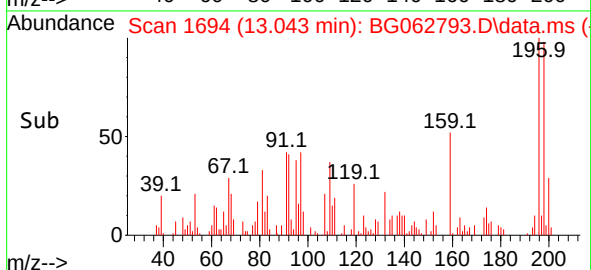
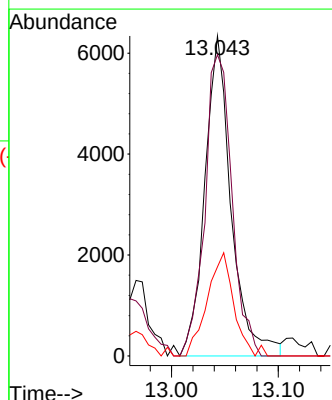
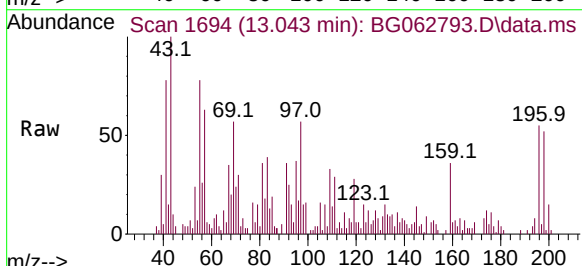
Tgt Ion:196 Resp: 10882

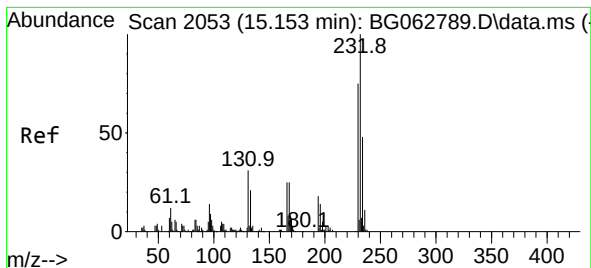
Ion Ratio Lower Upper

196 100

198 94.2 71.2 106.8

200 27.9 24.6 37.0

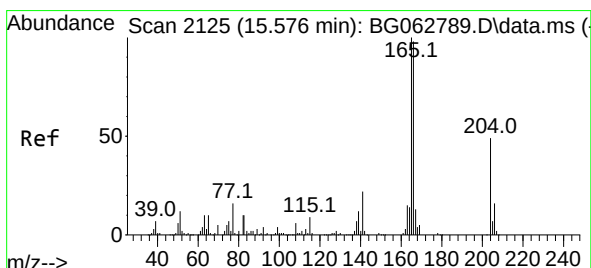
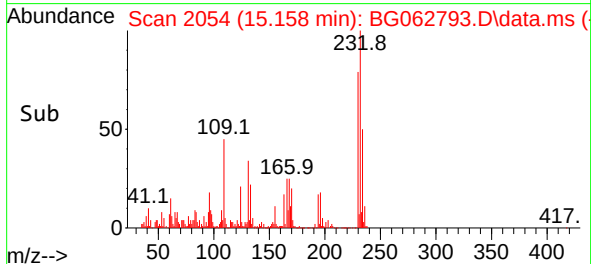
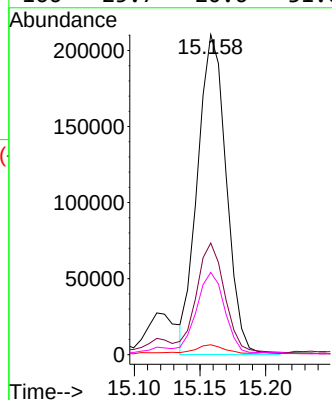
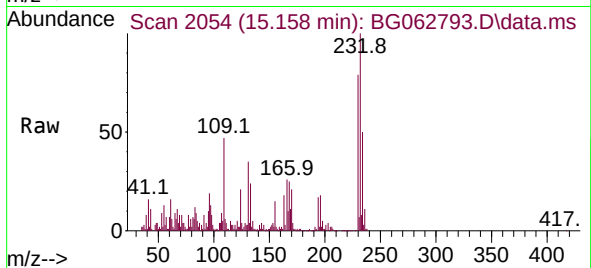




#58
2,3,4,6-Tetrachlorophenol
Concen: 62.974 ng/ul
RT: 15.158 min Scan# 2054
Delta R.T. 0.003 min
Lab File: BG062793.D
Acq: 13 Sep 2024 18:19

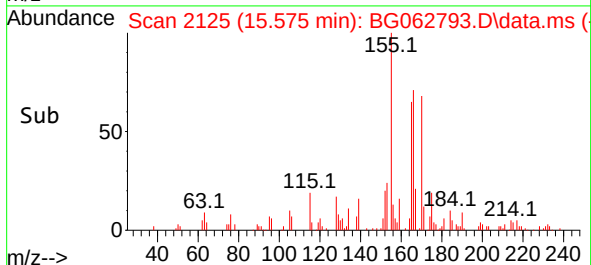
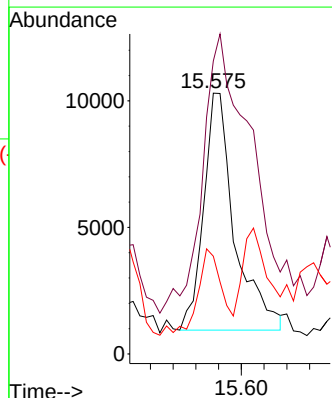
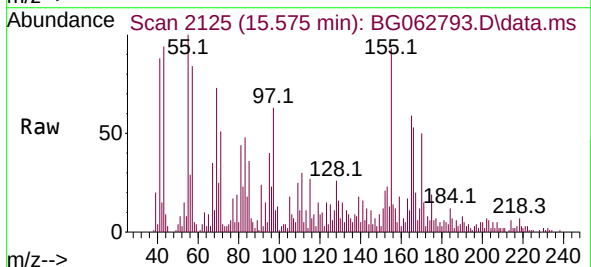
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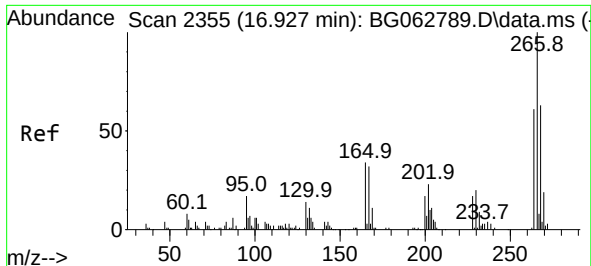
Tgt Ion:	232	Resp:	320192
Ion Ratio	Lower	Upper	
232	100		
131	34.9	26.6	40.0
130	3.1	1.6	2.4#
166	25.7	20.6	31.0



#61
Fluorene
Concen: 1.061 ng/ul
RT: 15.575 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG062793.D
Acq: 13 Sep 2024 18:19

Tgt Ion:	166	Resp:	17769
Ion Ratio	Lower	Upper	
166	100		
165	112.3	80.9	121.3
167	37.5	10.9	16.3#

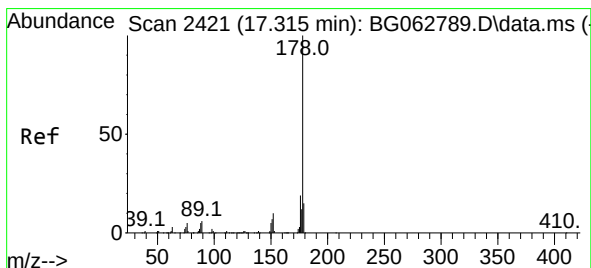
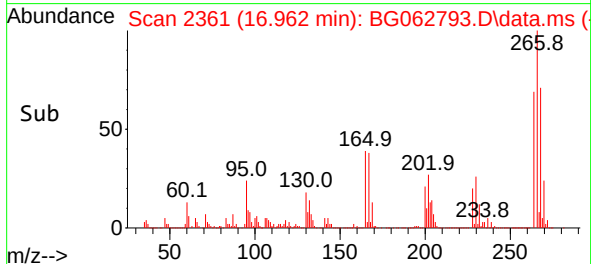
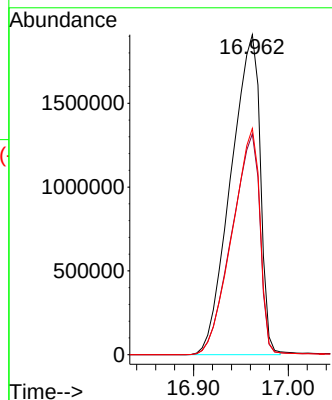
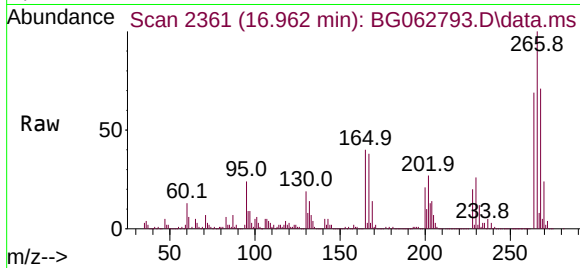




#71
 Pentachlorophenol
 Concen: 990.236 ng/u1
 RT: 16.962 min Scan# 21
 Delta R.T. 0.032 min
 Lab File: BG062793.D
 Acq: 13 Sep 2024 18:19

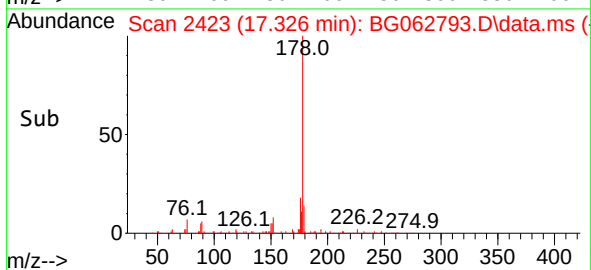
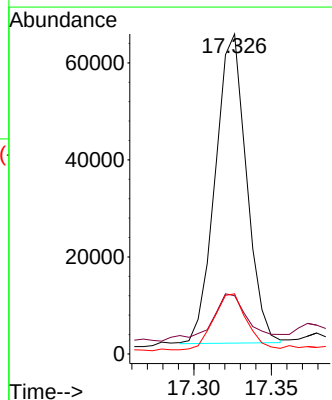
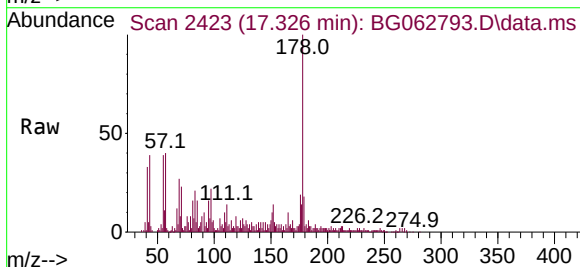
Instrument :
 BNA_G
 ClientSampleId :
 DDC58

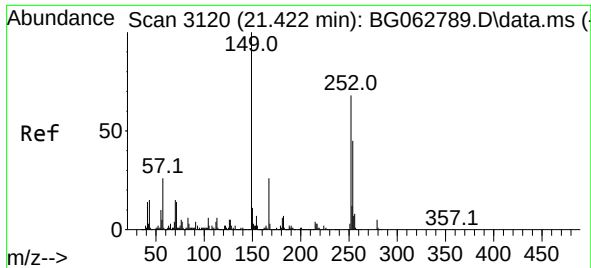
Tgt Ion:266 Resp: 4097524
 Ion Ratio Lower Upper
 266 100
 264 69.0 48.6 72.8
 268 70.7 49.5 74.3



#72
 Phenanthrene
 Concen: 3.250 ng/u1
 RT: 17.326 min Scan# 2423
 Delta R.T. 0.003 min
 Lab File: BG062793.D
 Acq: 13 Sep 2024 18:19

Tgt Ion:178 Resp: 88999
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.1 18.1#
 176 18.8 14.9 22.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.487 ng/ul
 RT: 21.421 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG062793.D
 Acq: 13 Sep 2024 18:19

Instrument :
 BNA_G
 ClientSampleId :
 DDC58

Tgt Ion:149 Resp: 23216
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.3 31.9
 279 5.8 3.8 5.6#

