

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062600.D
 Acq On : 28 Aug 2024 18:00
 Operator : MA/JU
 Sample : P3739-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Aug 29 00:26:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	66177	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	260012	20.000	ng	# 0.00
39) Acenaphthene-d10	14.553	164	181371	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	520125	20.000	ng	0.00
76) Chrysene-d12	21.539	240	539457	20.000	ng	0.00
86) Perylene-d12	24.618	264	618043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	551293	149.444	ng	0.00
7) Phenol-d6	7.103	99	673379	128.153	ng	0.00
23) Nitrobenzene-d5	9.083	82	390050	99.558	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	401832	200.565	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	1039165	94.211	ng	0.00
79) Terphenyl-d14	19.918	244	2535403	98.264	ng	0.00

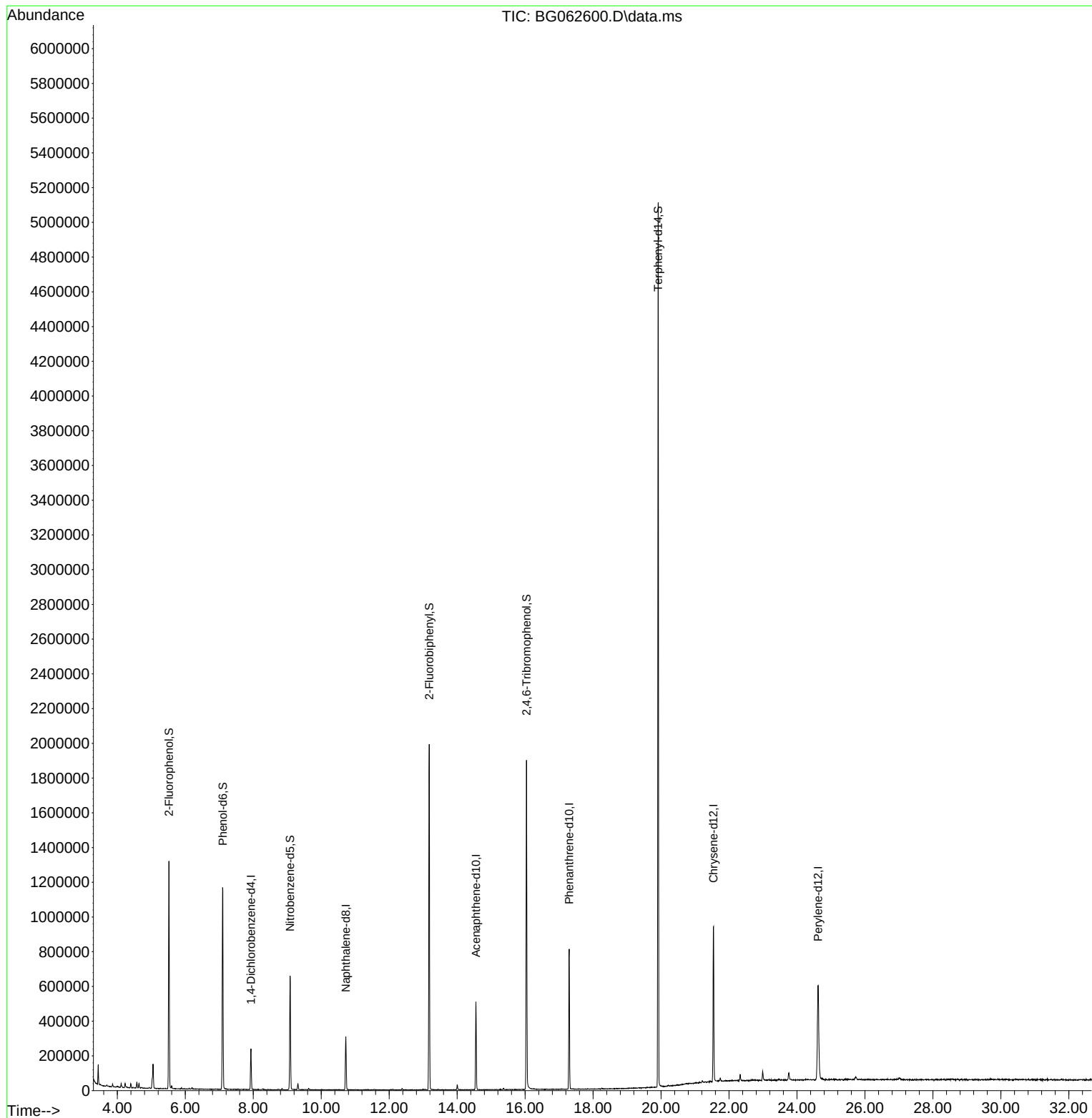
Target Compounds	Qvalue

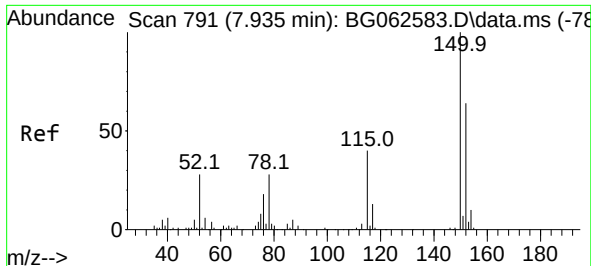
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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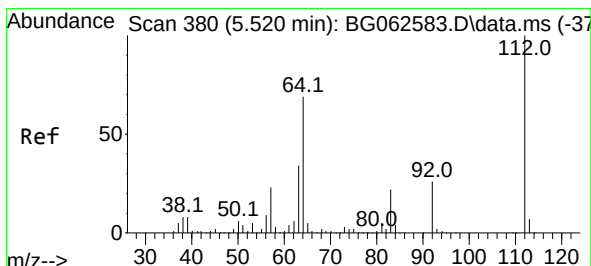
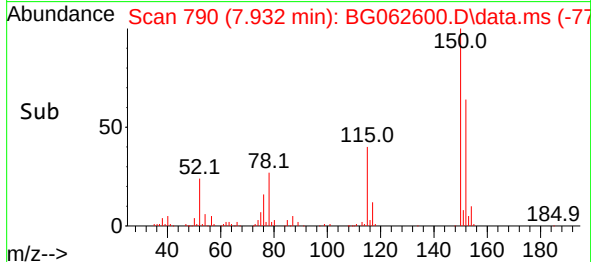
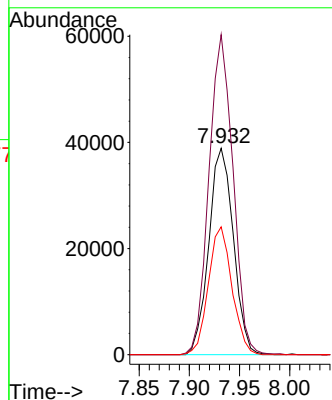
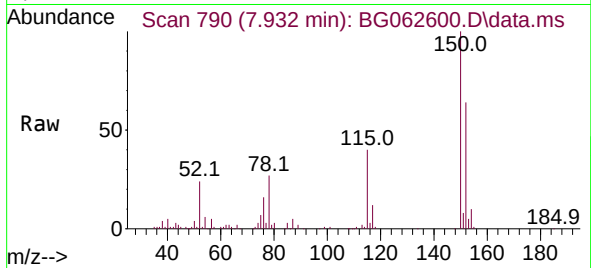




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 791
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

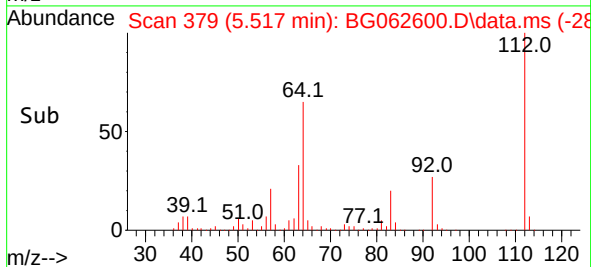
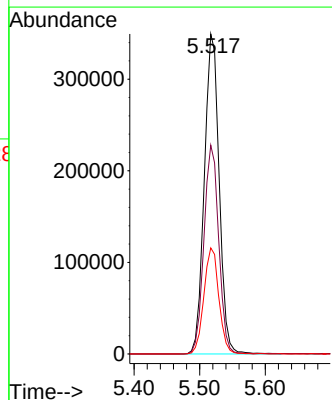
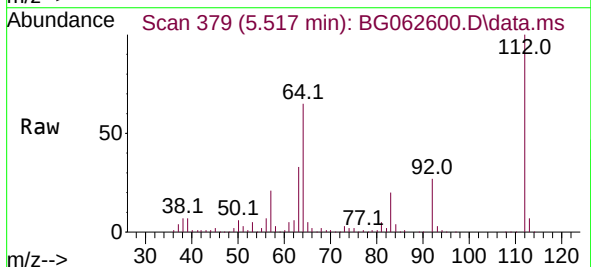
Instrument :
BNA_G
ClientSampleId :
WC-4

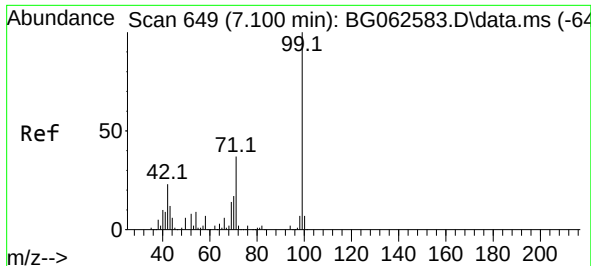
Tgt Ion:152 Resp: 66177
Ion Ratio Lower Upper
152 100
150 155.1 125.1 187.7
115 61.9 50.6 76.0



#5
2-Fluorophenol
Concen: 149.444 ng
RT: 5.517 min Scan# 379
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion:112 Resp: 551293
Ion Ratio Lower Upper
112 100
64 65.2 55.5 83.3
63 33.1 27.4 41.2

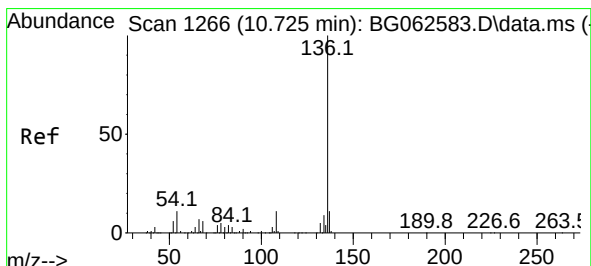
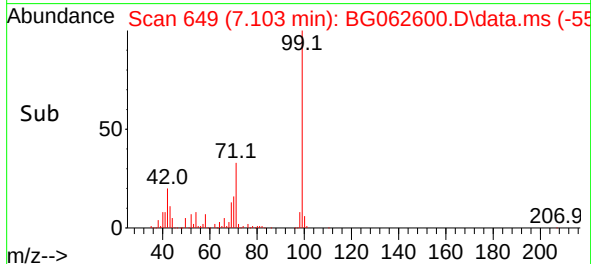
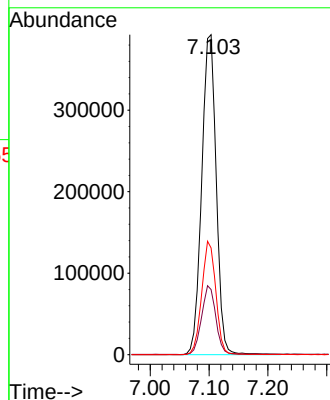
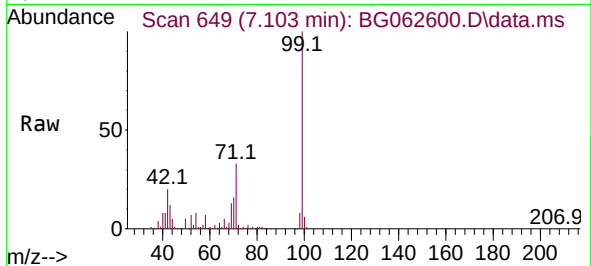




#7
Phenol-d6
Concen: 128.153 ng
RT: 7.103 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

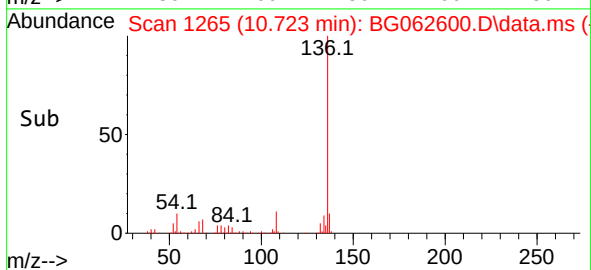
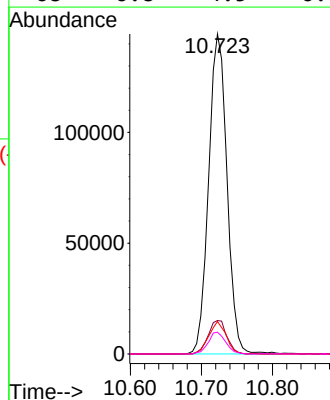
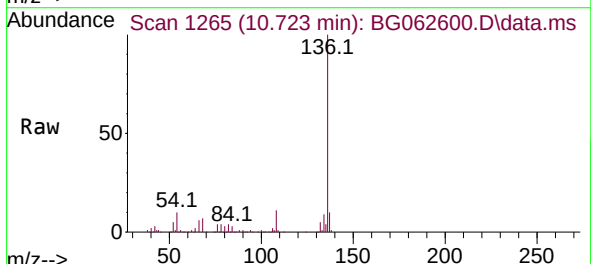
Instrument :
BNA_G
ClientSampleId :
WC-4

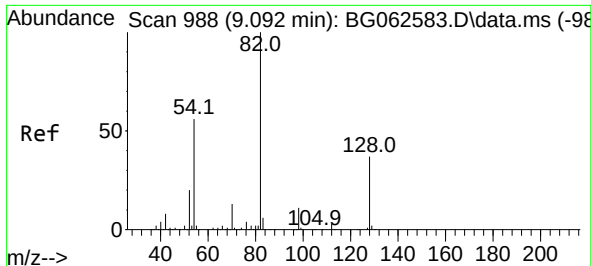
Tgt Ion: 99 Resp: 673379
Ion Ratio Lower Upper
99 100
42 20.3 18.7 28.1
71 33.4 29.8 44.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1265
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion: 136 Resp: 260012
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 10.2 9.0 13.4
68 6.8 4.5 6.7#

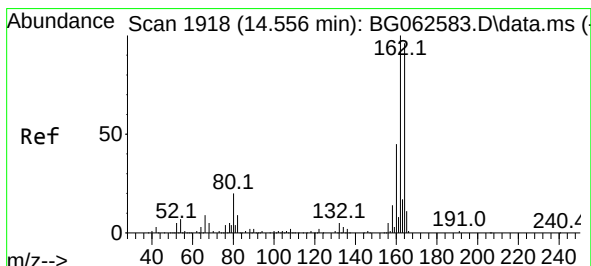
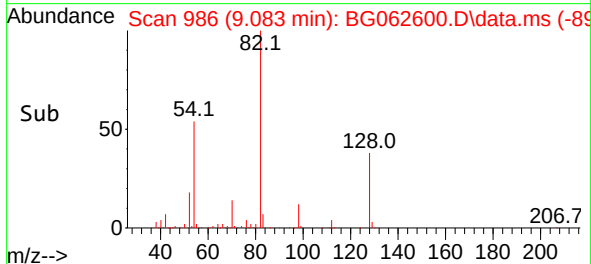
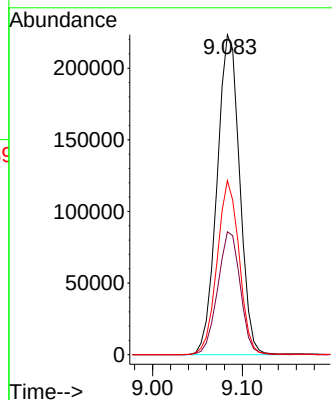
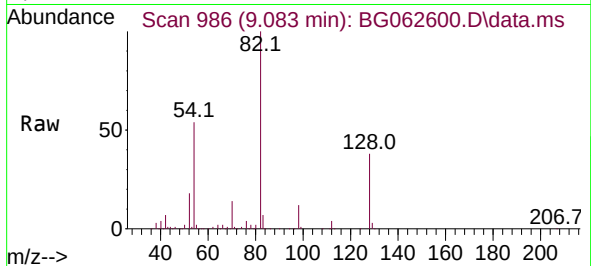




#23
Nitrobenzene-d5
Concen: 99.558 ng
RT: 9.083 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

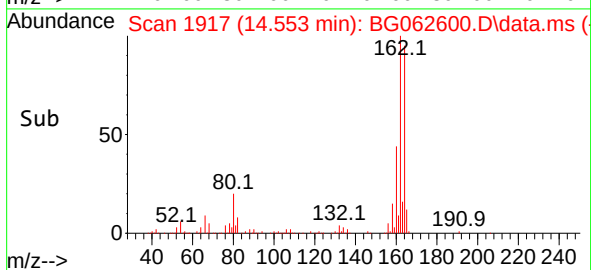
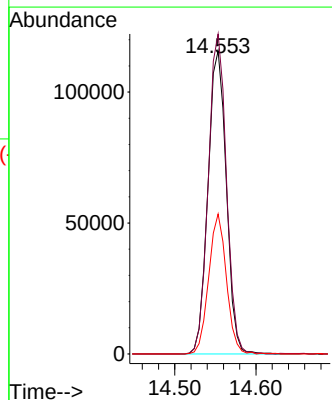
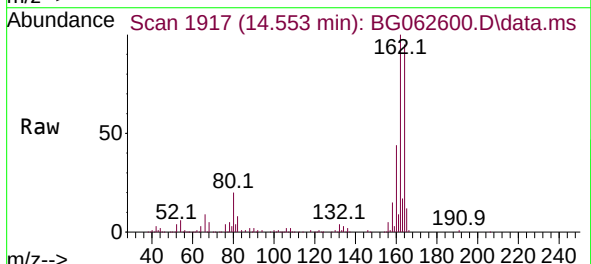
Instrument :
BNA_G
ClientSampleId :
WC-4

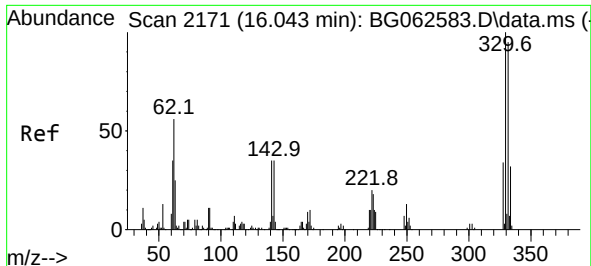
Tgt Ion: 82 Resp: 390050
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 54.4 44.4 66.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1917
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion: 164 Resp: 181371
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.6
160 46.2 37.7 56.5





#42

2,4,6-Tribromophenol

Concen: 200.565 ng

RT: 16.040 min Scan# 2171

Delta R.T. -0.003 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

Instrument :

BNA_G

ClientSampleId :

WC-4

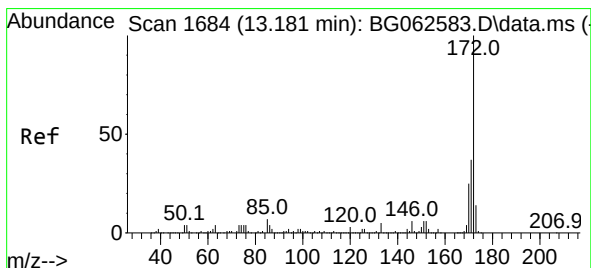
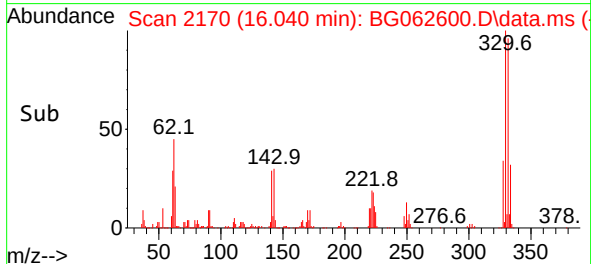
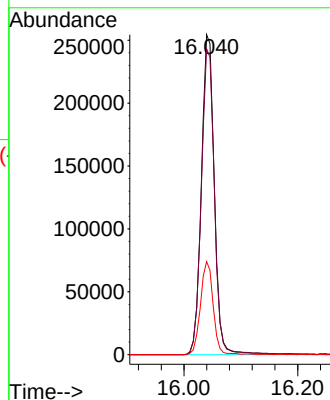
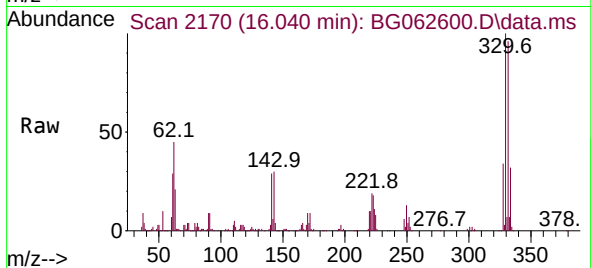
Tgt Ion:330 Resp: 401832

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 28.4 26.5 39.7



#45

2-Fluorobiphenyl

Concen: 94.211 ng

RT: 13.178 min Scan# 1683

Delta R.T. -0.003 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

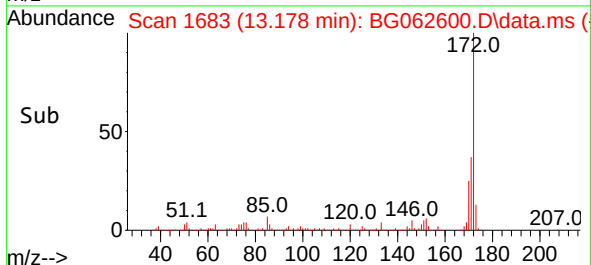
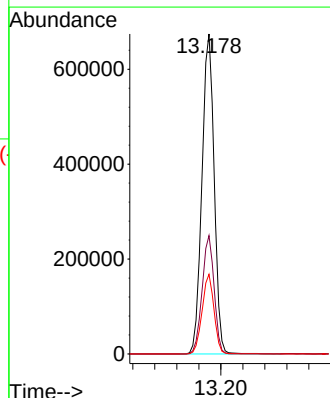
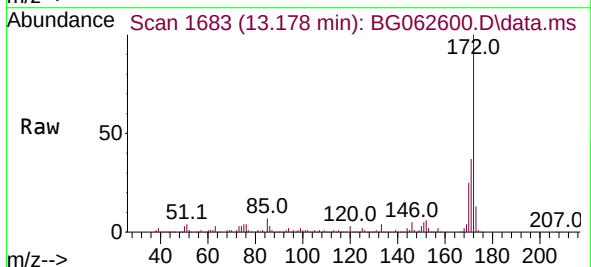
Tgt Ion:172 Resp: 1039165

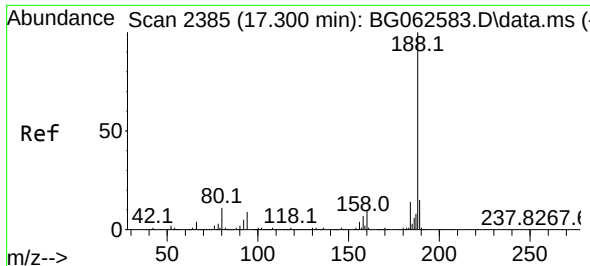
Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 24.9 20.1 30.1

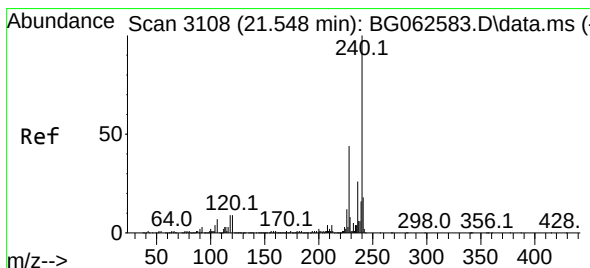
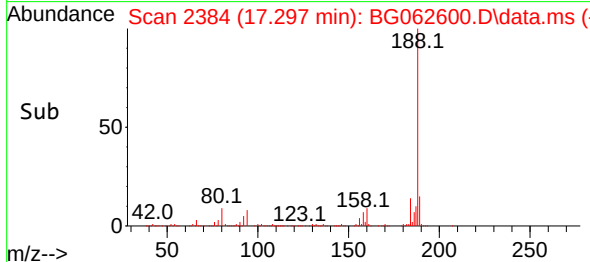
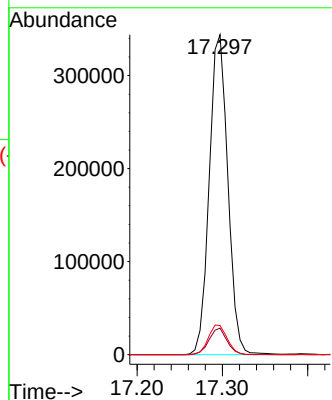
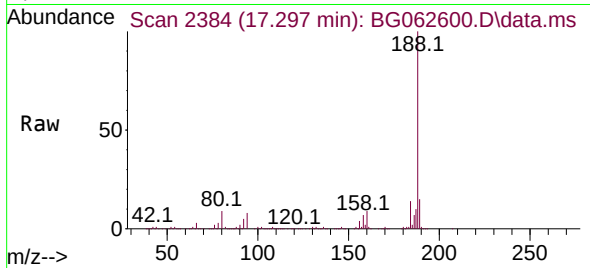




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

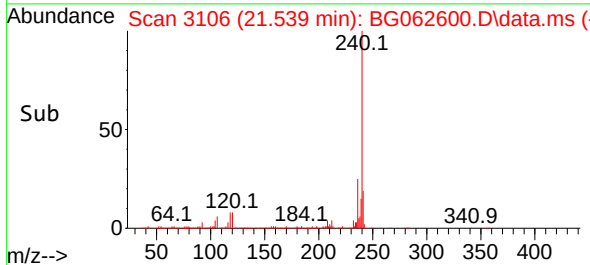
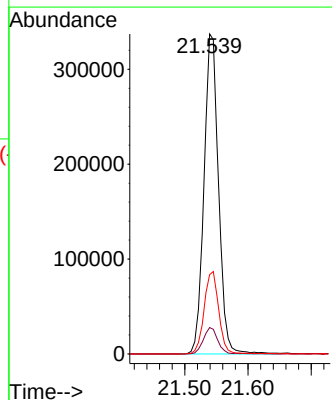
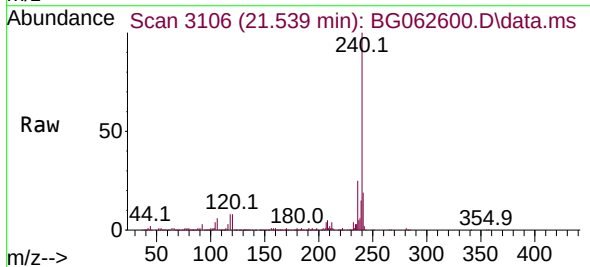
Instrument :
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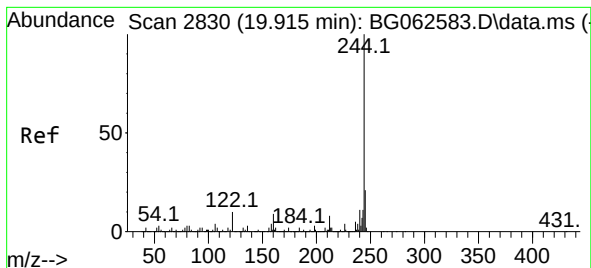
Tgt Ion:188 Resp: 520125
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.1 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3106
Delta R.T. -0.009 min
Lab File: BG062600.D
Acq: 28 Aug 2024 18:00

Tgt Ion:240 Resp: 539457
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 24.8 20.5 30.7





#79

Terphenyl-d14

Concen: 98.264 ng

RT: 19.918 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

Instrument :

BNA_G

ClientSampleId :

WC-4

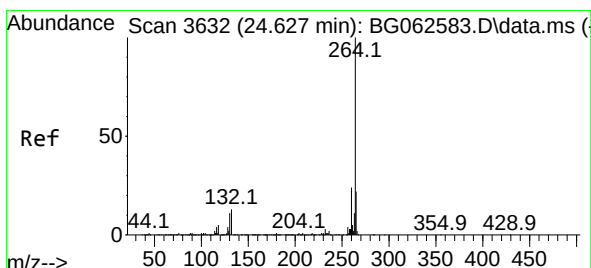
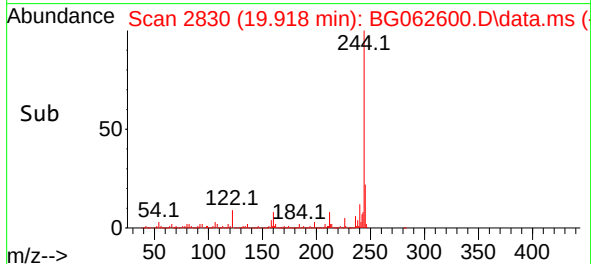
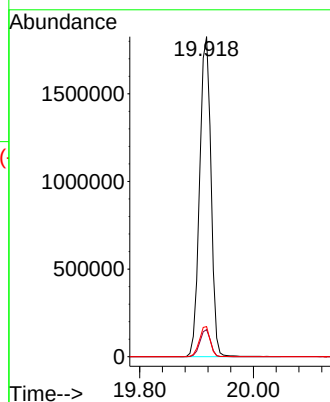
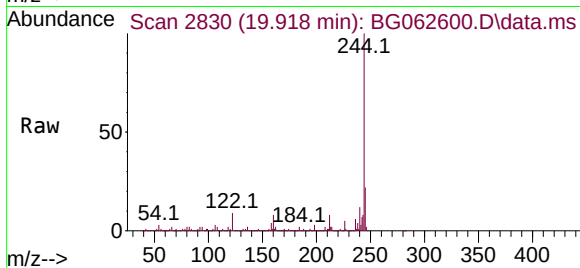
Tgt Ion:244 Resp: 2535403

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 9.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.618 min Scan# 3630

Delta R.T. -0.009 min

Lab File: BG062600.D

Acq: 28 Aug 2024 18:00

Tgt Ion:264 Resp: 618043

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.9 17.8 26.6

