

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058563.D
 Acq On : 1 Aug 2023 15:19
 Operator : MA/JU
 Sample : 03771-01DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PATERSON-GSMP-COMPDL

Quant Time: Aug 01 16:35:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

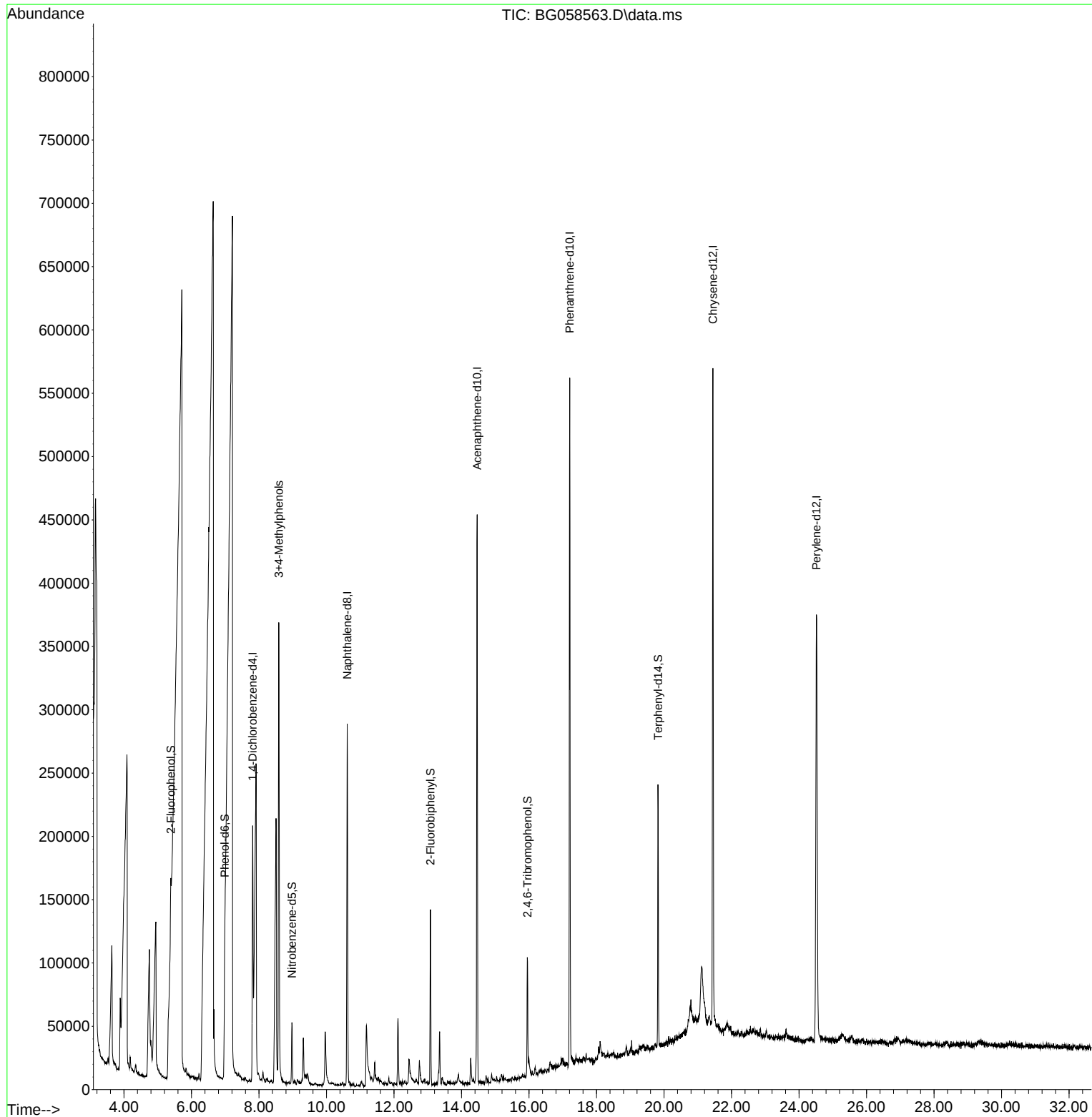
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	55609	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	240675	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	160986	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	349428	20.000	ng	0.00
76) Chrysene-d12	21.449	240	303968	20.000	ng	0.00
86) Perylene-d12	24.516	264	383308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	14888	4.092	ng	0.00
7) Phenol-d6	6.989	99	12826	2.534	ng	0.00
23) Nitrobenzene-d5	8.975	82	30594	6.245	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	22256	8.435	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	76193	7.093	ng	0.00
79) Terphenyl-d14	19.821	244	105972	6.556	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.587	107	180990	37.004	ng	Qvalue 90

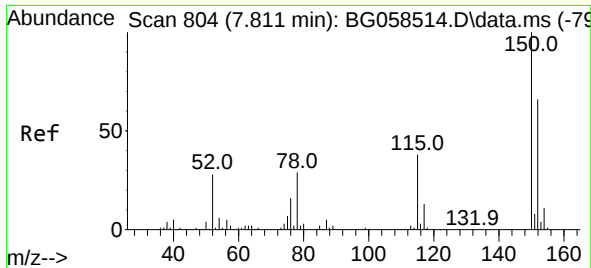
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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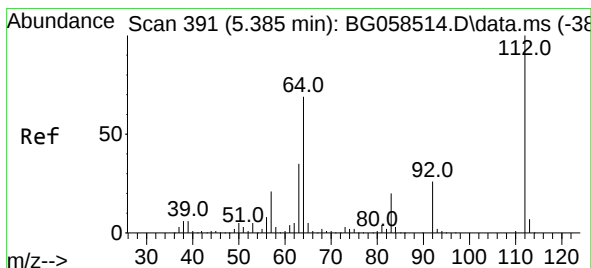
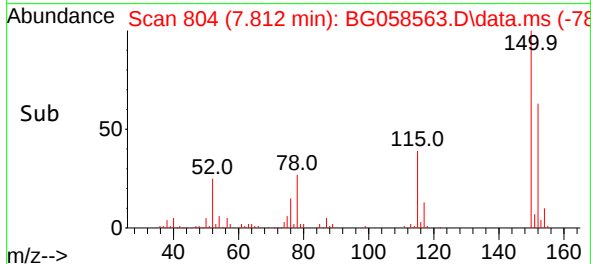
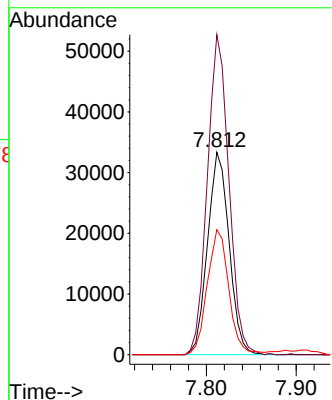
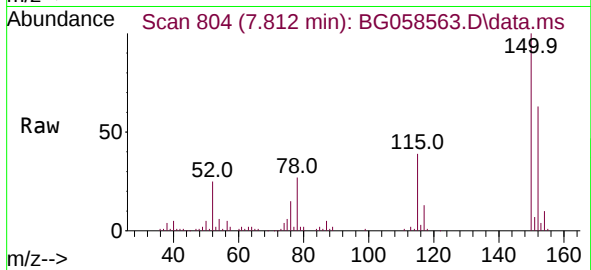




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

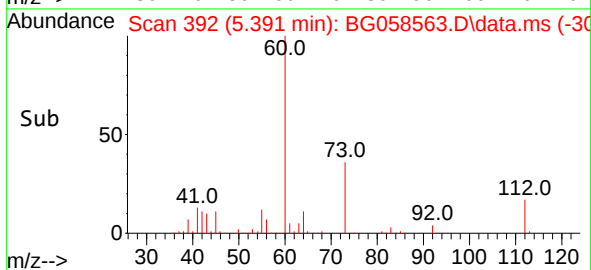
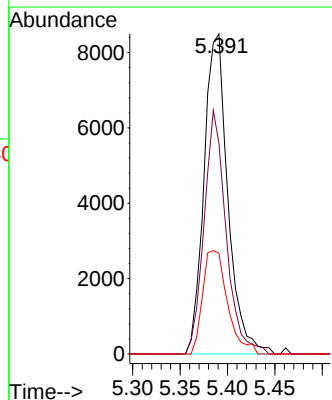
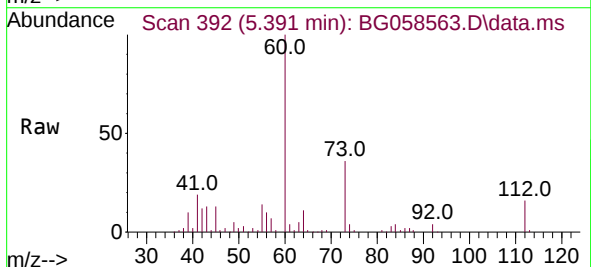
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

Tgt Ion:152 Resp: 55609
Ion Ratio Lower Upper
152 100
150 158.1 120.5 180.7
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 4.092 ng
RT: 5.391 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion:112 Resp: 14888
Ion Ratio Lower Upper
112 100
64 65.9 55.3 82.9
63 31.5 28.3 42.5

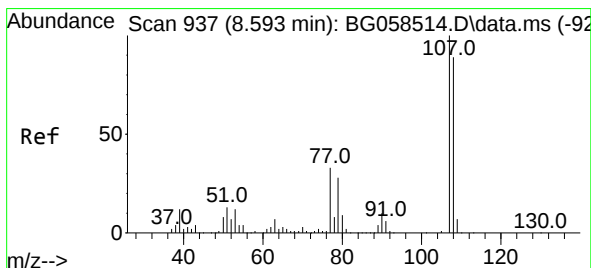
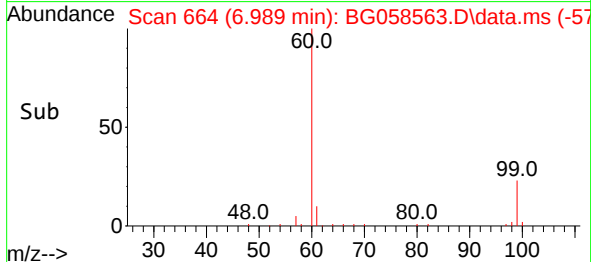
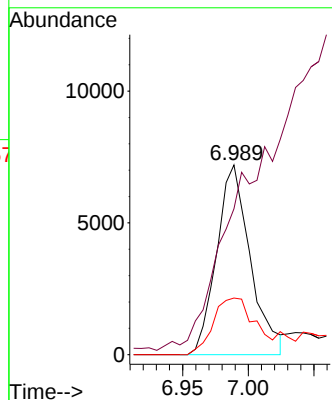
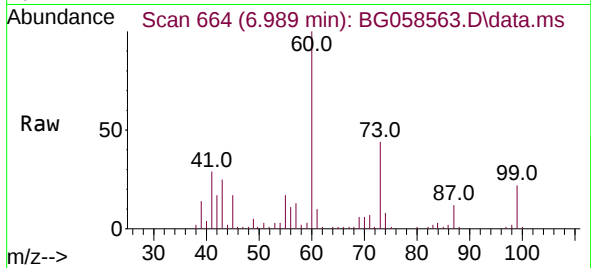




#7
Phenol-d6
Concen: 2.534 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

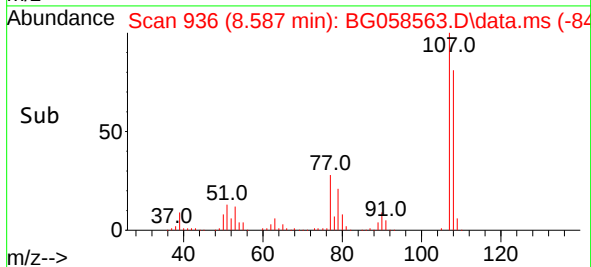
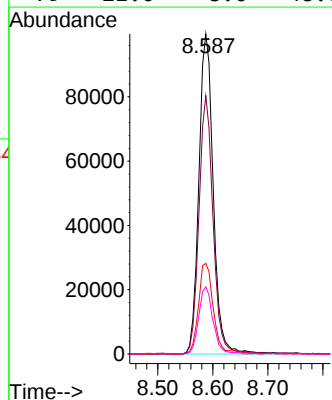
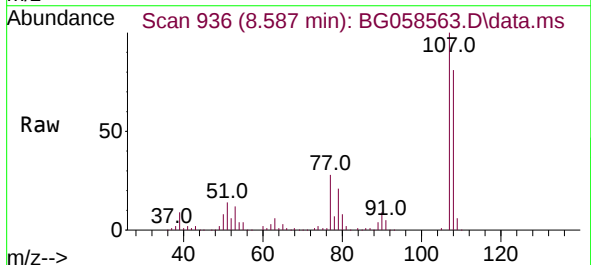
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPD

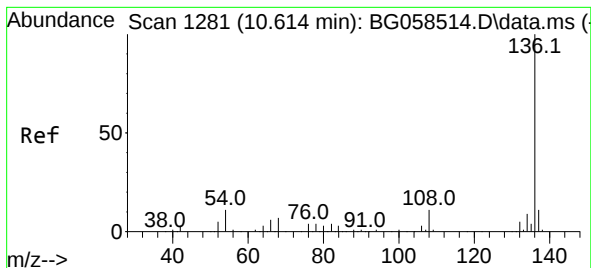
Tgt Ion: 99 Resp: 12826
Ion Ratio Lower Upper
99 100
42 76.9 14.6 21.8#
71 29.8 25.0 37.4



#20
3+4-Methylphenols
Concen: 37.004 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion:107 Resp: 180990
Ion Ratio Lower Upper
107 100
108 80.7 69.4 109.4
77 28.3 13.0 53.0
79 21.0 8.0 48.0



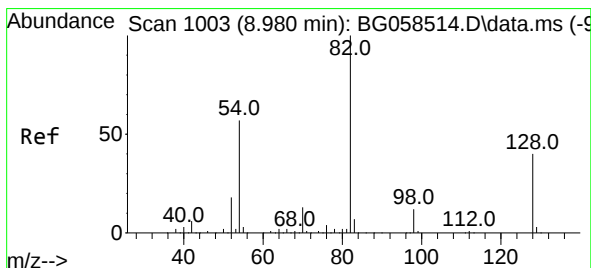
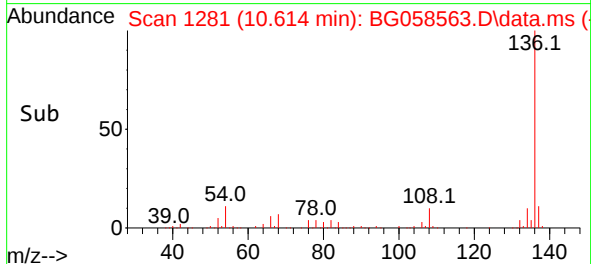
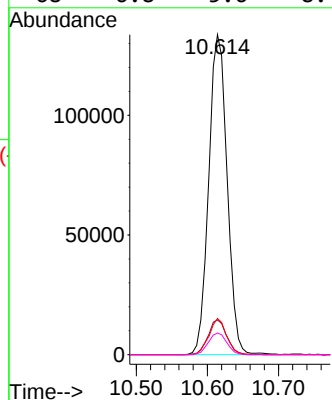
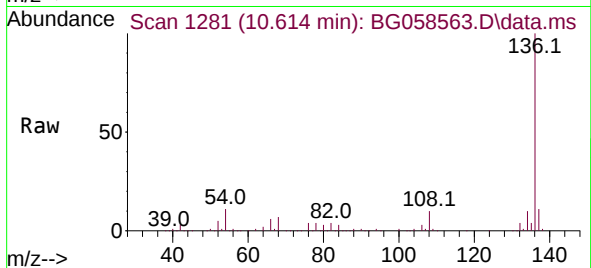


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

Tgt Ion:136 Resp: 240675

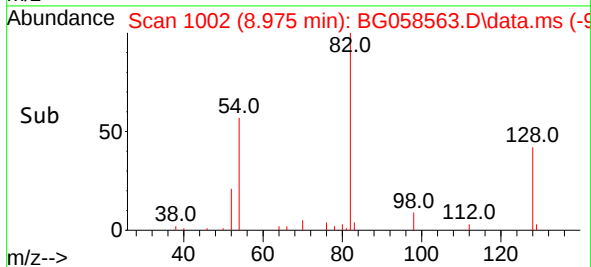
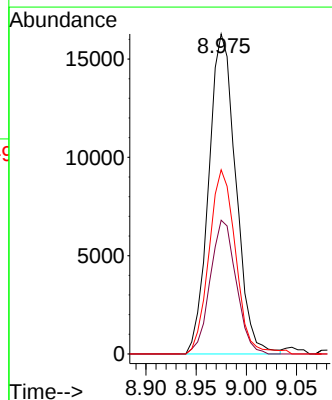
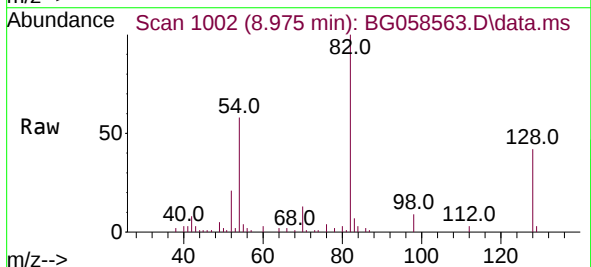
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	11.3	8.9	13.3
68	6.8	5.6	8.4

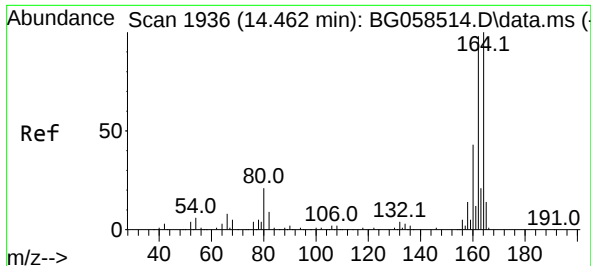


#23
Nitrobenzene-d5
Concen: 6.245 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion: 82 Resp: 30594

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.2
54	57.6	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058563.D

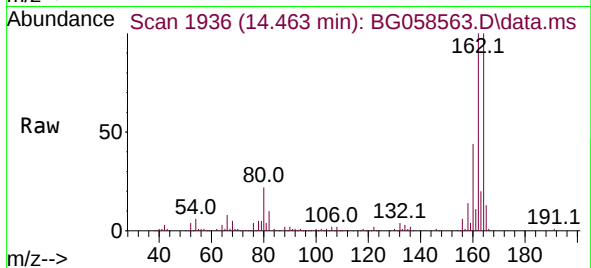
Acq: 1 Aug 2023 15:19

Instrument :

BNA_G

ClientSampleId :

PATERSON-GSMP-COMPDL



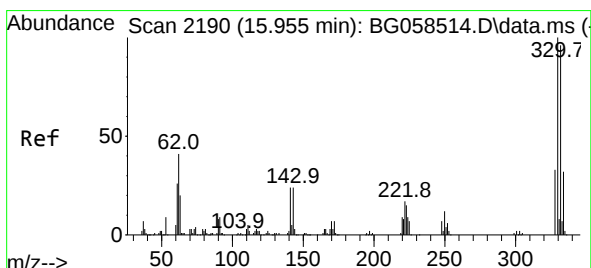
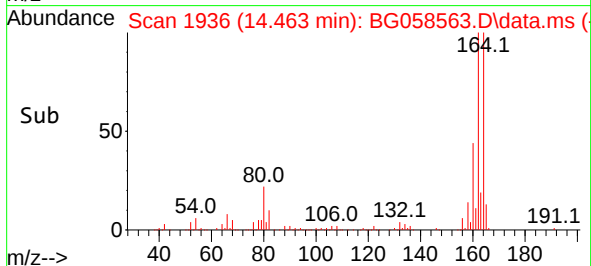
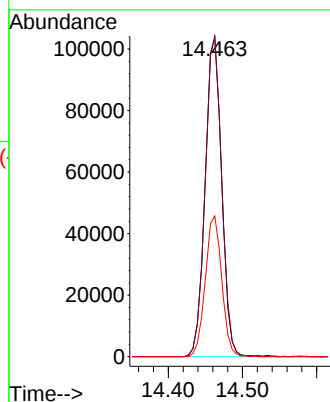
Tgt Ion:164 Resp: 160986

Ion	Ratio	Lower	Upper
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164	100		
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162	99.8	78.3	117.5
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160	44.0	34.1	51.1
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#42

2,4,6-Tribromophenol

Concen: 8.435 ng

RT: 15.955 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BG058563.D

Acq: 1 Aug 2023 15:19

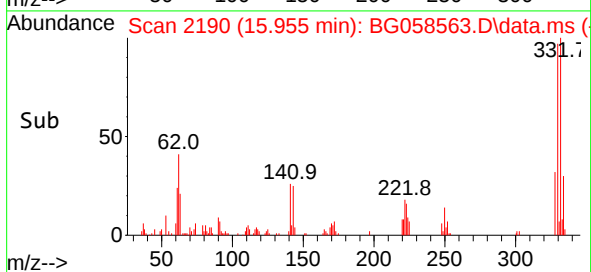
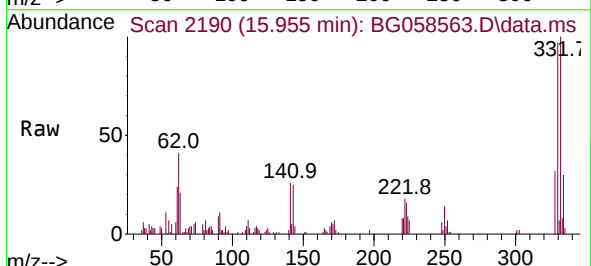
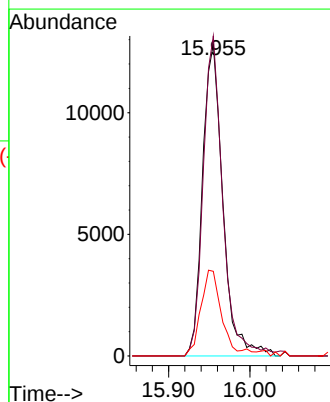
Tgt Ion:330 Resp: 22256

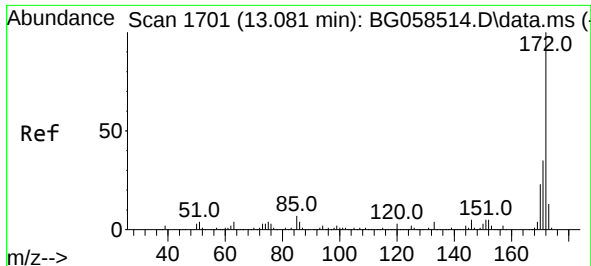
Ion	Ratio	Lower	Upper
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330	100		
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332	99.5	77.5	116.3
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141	29.3	20.7	31.1
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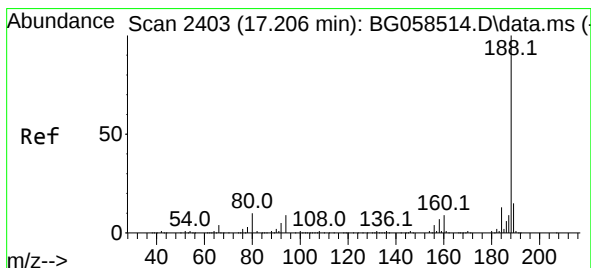
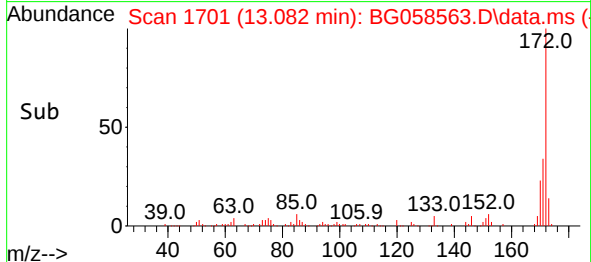
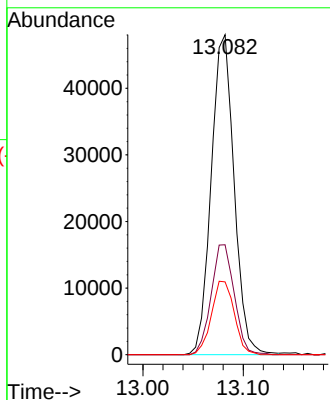
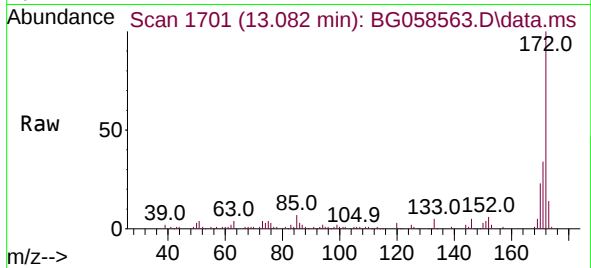




#45
2-Fluorobiphenyl
Concen: 7.093 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

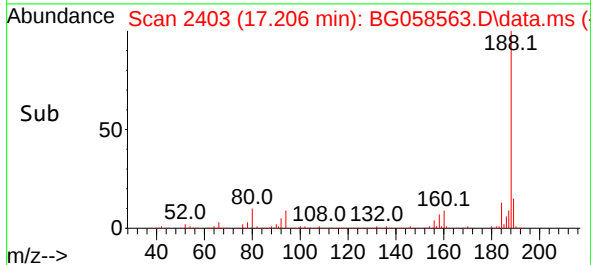
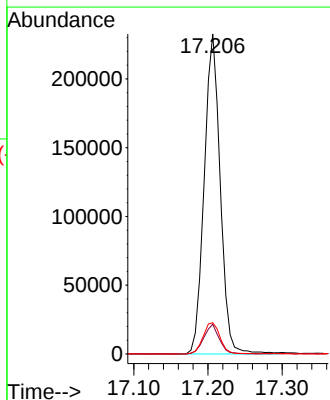
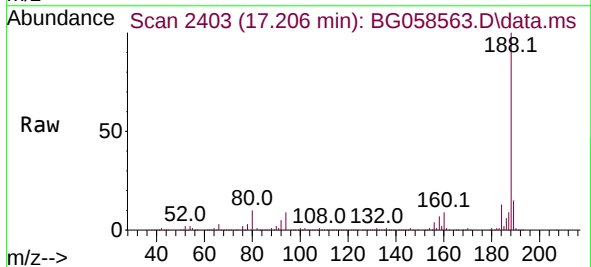
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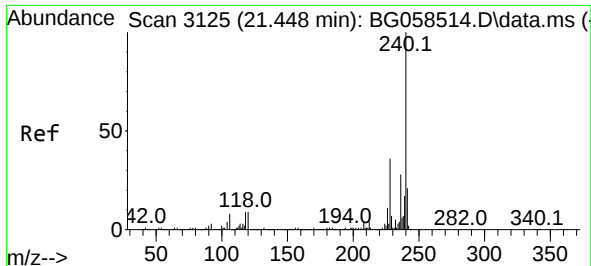
Tgt Ion:172 Resp: 76193
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 22.7 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion:188 Resp: 349428
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.7 8.1 12.1

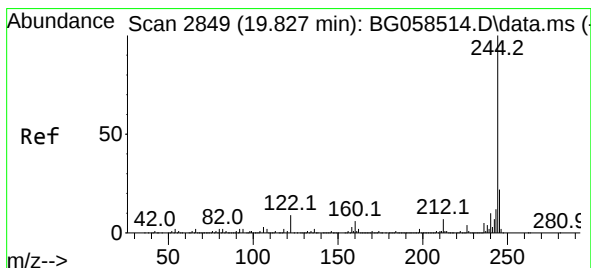
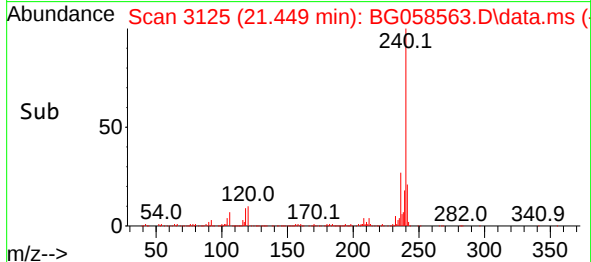
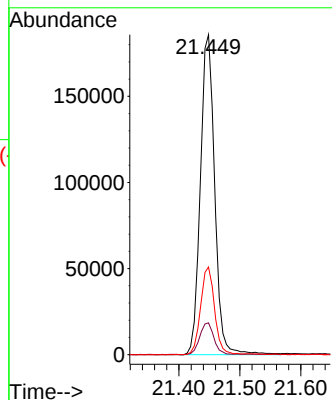
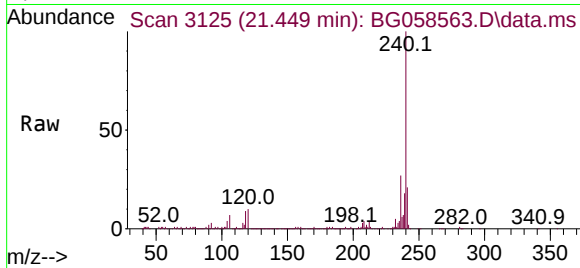




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

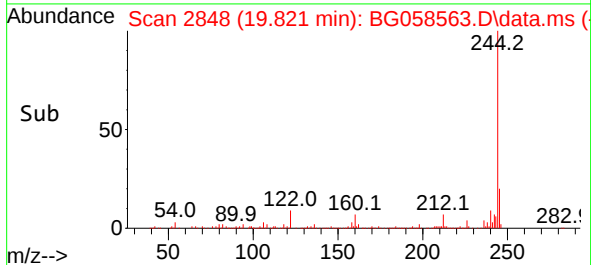
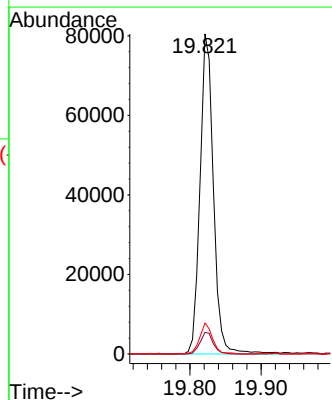
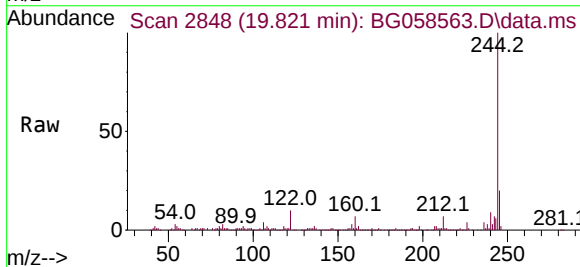
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ClientSampleId :
PATERSON-GSMP-COMPD

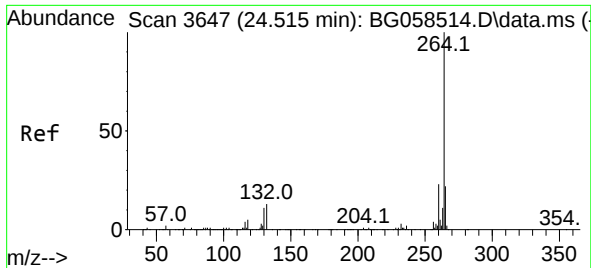
Tgt Ion:240 Resp: 303968
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 27.4 22.2 33.4



#79
Terphenyl-d14
Concen: 6.556 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

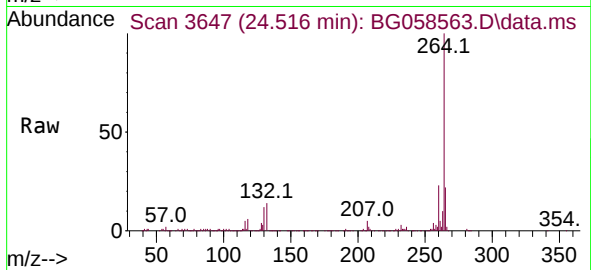
Tgt Ion:244 Resp: 105972
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG058563.D
 Acq: 1 Aug 2023 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PATERSON-GSMP-COMPDL



Tgt Ion:264 Resp: 383308
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.7 17.9 26.9

