

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058555.D
 Acq On : 1 Aug 2023 9:53
 Operator : MA/JU
 Sample : 03771-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PATERSON-GSMP-COMP

Quant Time: Aug 01 10:51:24 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)

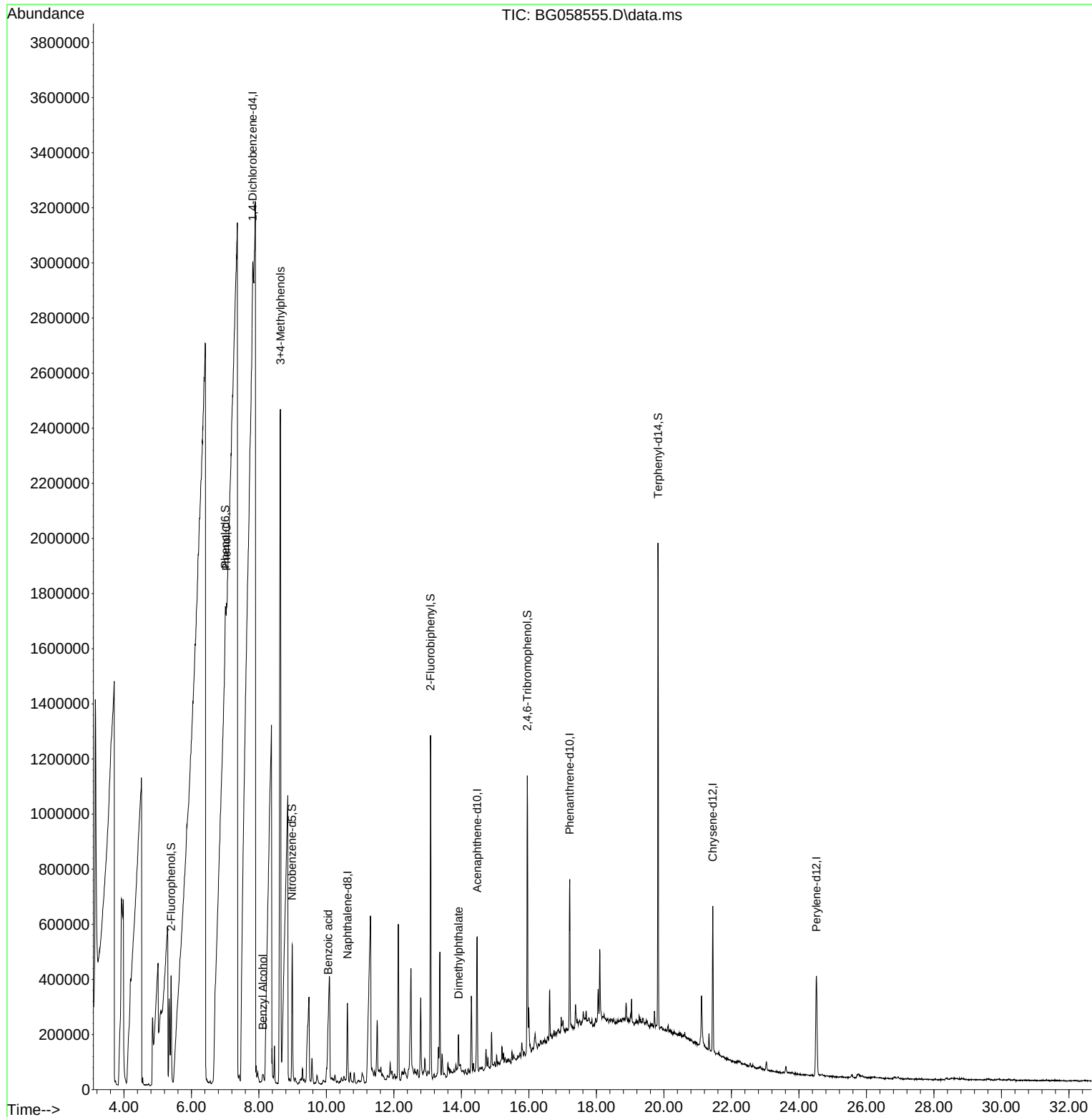
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	44945	20.000	ng	0.00
21) Naphthalene-d8	10.623	136	244981	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	160456	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	347588	20.000	ng	0.00
76) Chrysene-d12	21.445	240	308790	20.000	ng	0.00
86) Perylene-d12	24.518	264	391220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	148946	50.653	ng	0.01
7) Phenol-d6	7.003	99	111031	27.136	ng	0.02
23) Nitrobenzene-d5	8.983	82	306247	61.411	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	220602	83.879	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	680575	63.563	ng	0.00
79) Terphenyl-d14	19.824	244	916670	55.825	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.033	94	16945	4.239	ng	80
15) Benzyl Alcohol	8.120	79	13382	5.157	ng	92
20) 3+4-Methylphenols	8.637	107	1567563	396.538	ng	94
32) Benzoic acid	10.053	122	45657	19.347	ng	98
50) Dimethylphthalate	13.919	163	34197	2.838	ng	98

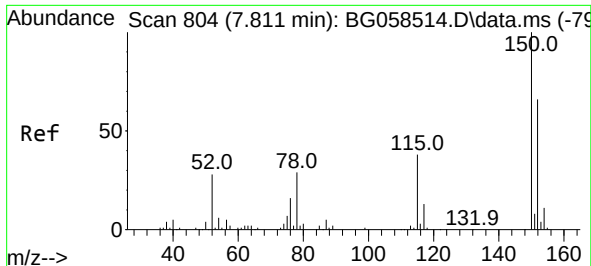
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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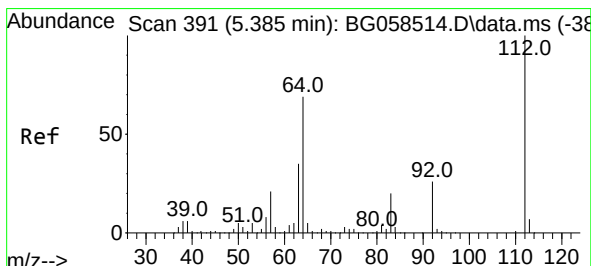
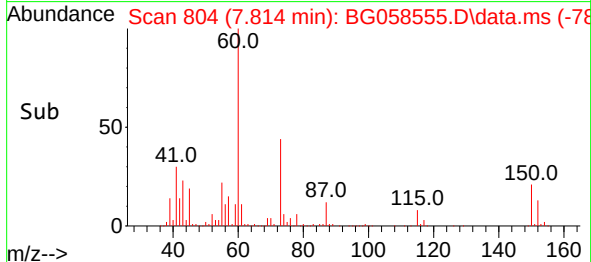
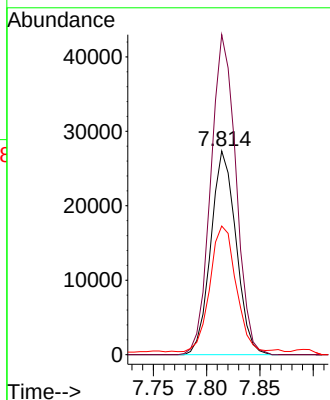
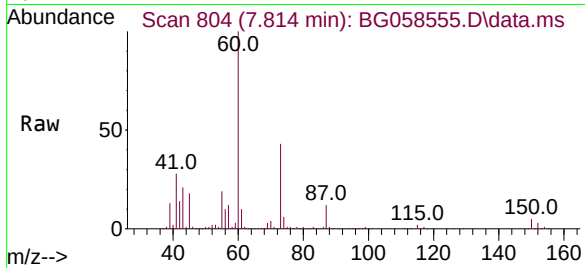




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

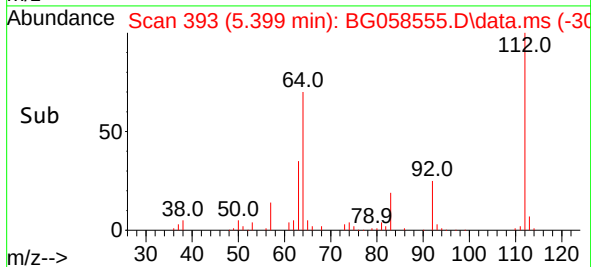
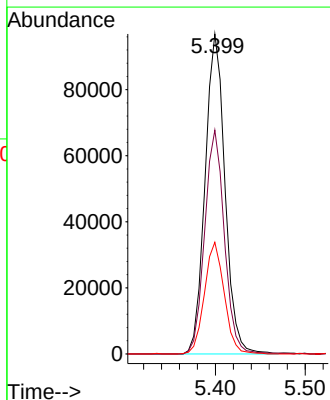
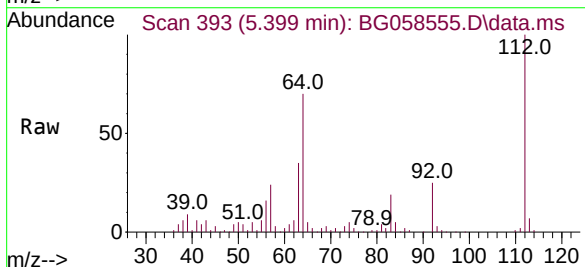
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

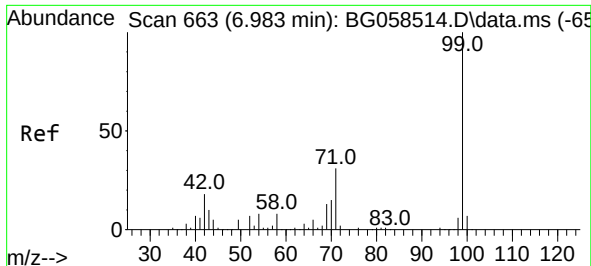
Tgt Ion:152 Resp: 44945
Ion Ratio Lower Upper
152 100
150 157.2 120.5 180.7
115 63.2 45.9 68.9



#5
2-Fluorophenol
Concen: 50.653 ng
RT: 5.399 min Scan# 393
Delta R.T. 0.015 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:112 Resp: 148946
Ion Ratio Lower Upper
112 100
64 70.0 55.3 82.9
63 34.9 28.3 42.5

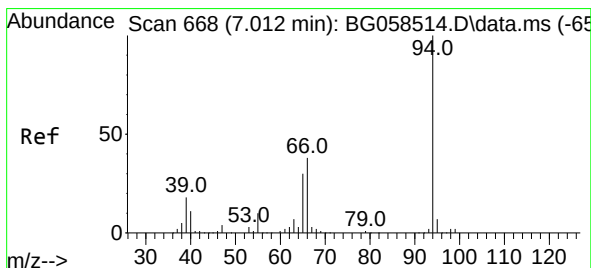
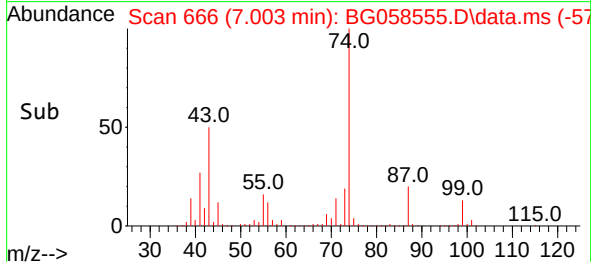
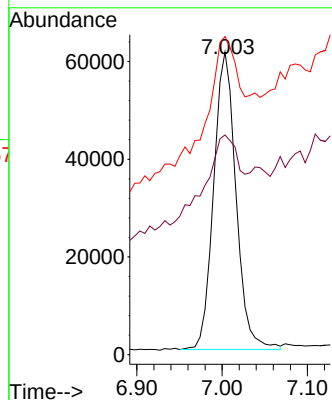
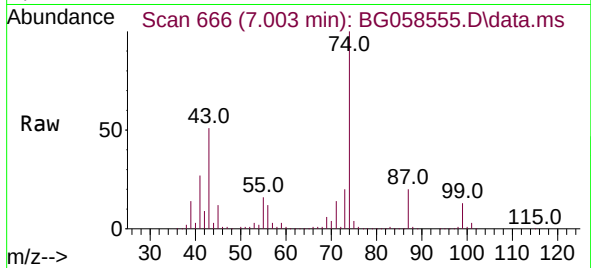




#7
Phenol-d6
Concen: 27.136 ng
RT: 7.003 min Scan# 607
Delta R.T. 0.021 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

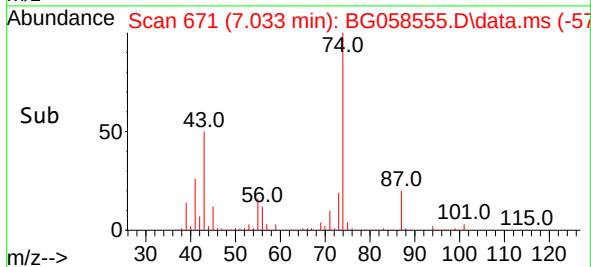
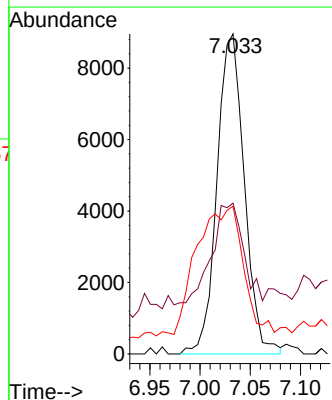
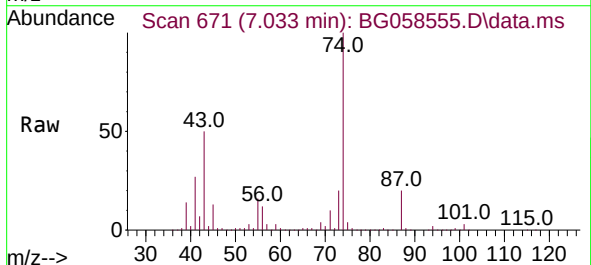
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

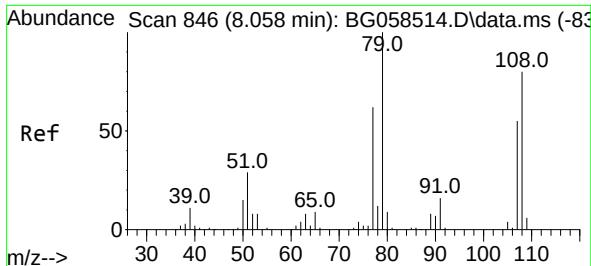
Tgt Ion: 99 Resp: 111031
Ion Ratio Lower Upper
99 100
42 72.6 14.6 21.8#
71 105.1 25.0 37.4#



#10
Phenol
Concen: 4.239 ng
RT: 7.033 min Scan# 671
Delta R.T. 0.021 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 94 Resp: 16945
Ion Ratio Lower Upper
94 100
65 47.1 10.4 50.4
66 46.2 18.7 58.7

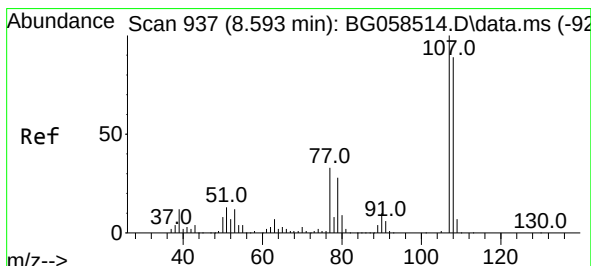
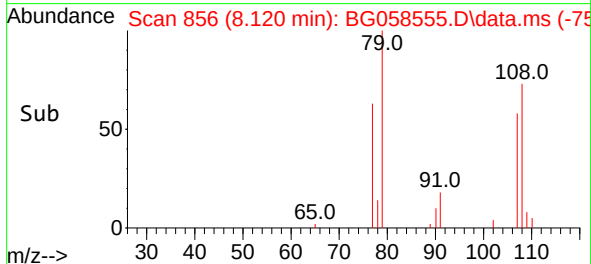
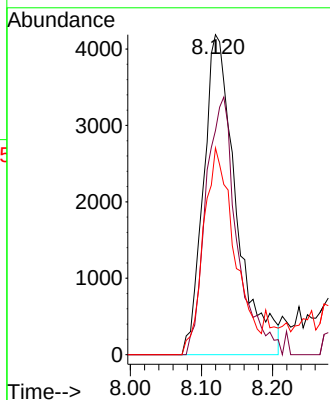
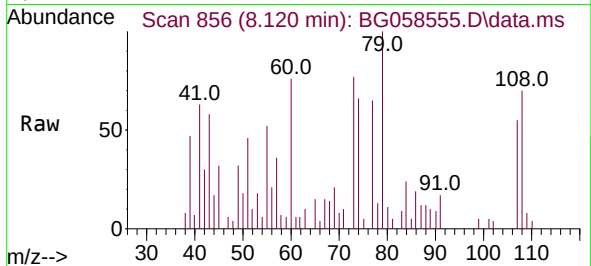




#15
Benzyl Alcohol
Concen: 5.157 ng
RT: 8.120 min Scan# 81
Delta R.T. 0.062 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

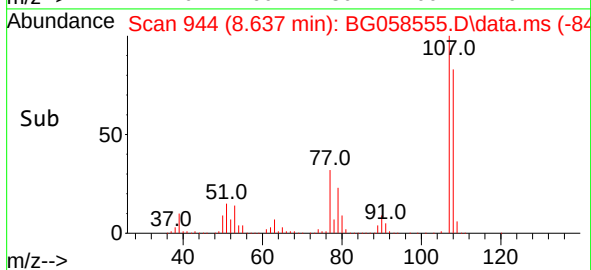
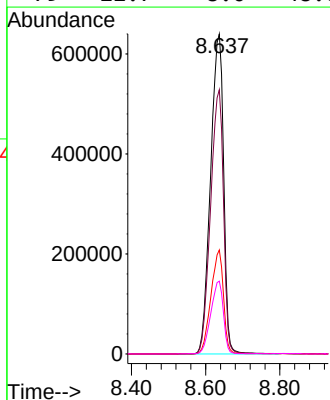
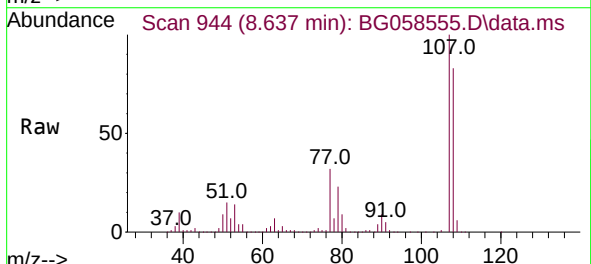
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

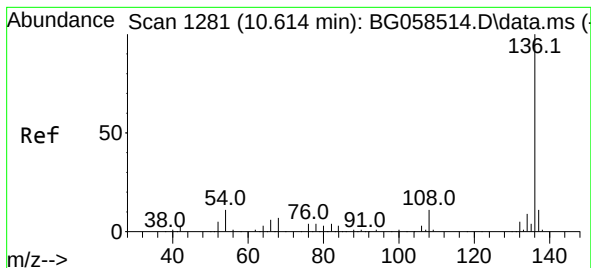
Tgt Ion: 79 Resp: 13382
Ion Ratio Lower Upper
79 100
108 70.1 63.8 95.6
77 64.6 49.8 74.6



#20
3+4-Methylphenols
Concen: 396.538 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.044 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion: 107 Resp: 1567563
Ion Ratio Lower Upper
107 100
108 82.5 69.4 109.4
77 32.5 13.0 53.0
79 22.7 8.0 48.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.623 min Scan# 1

Delta R.T. 0.009 min

Lab File: BG058555.D

Acq: 1 Aug 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PATERSON-GSMP-COMP

Tgt Ion:136 Resp: 244981

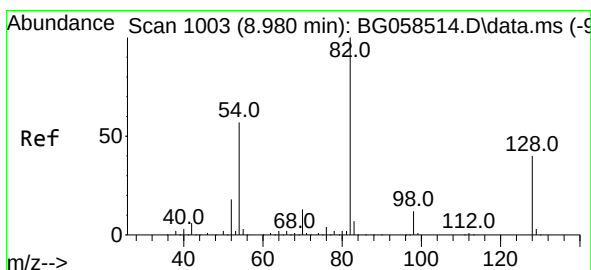
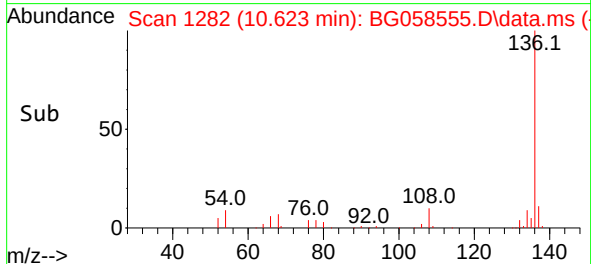
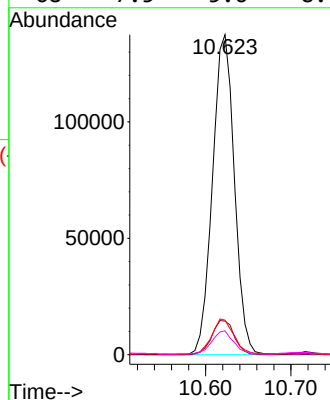
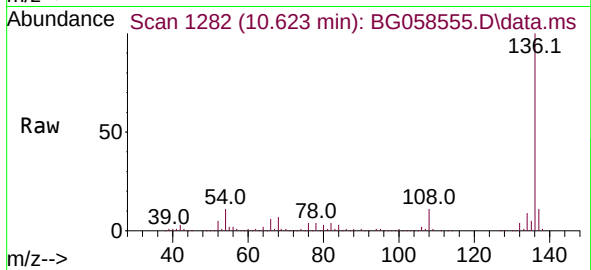
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.8 8.9 13.3

68 7.5 5.6 8.4



#23

Nitrobenzene-d5

Concen: 61.411 ng

RT: 8.983 min Scan# 1003

Delta R.T. 0.003 min

Lab File: BG058555.D

Acq: 1 Aug 2023 9:53

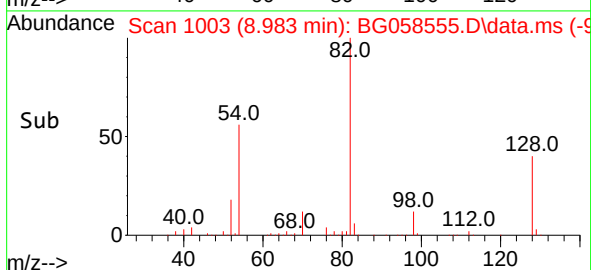
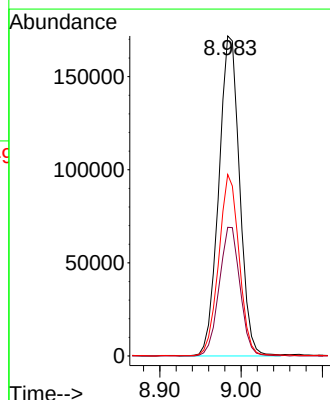
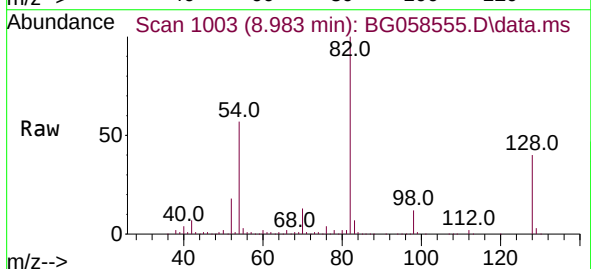
Tgt Ion: 82 Resp: 306247

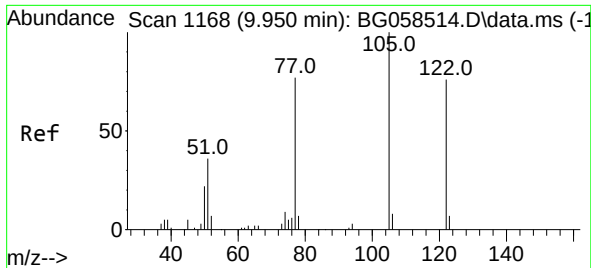
Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

54 56.7 46.0 69.0

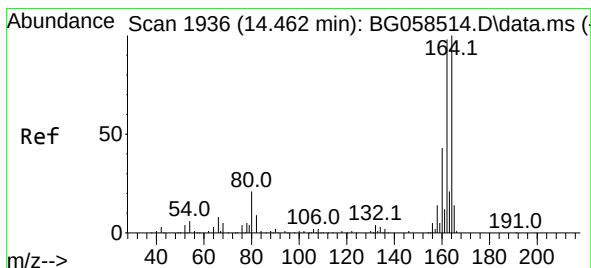
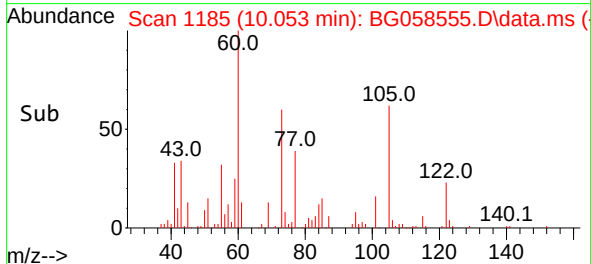
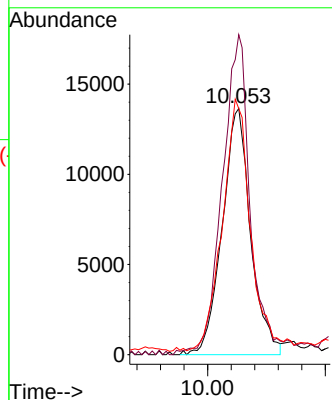
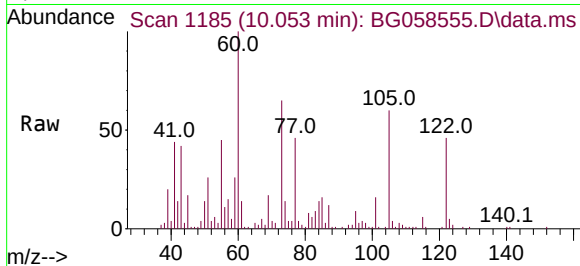




#32
Benzoic acid
Concen: 19.347 ng
RT: 10.053 min Scan# 1168
Delta R.T. 0.103 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

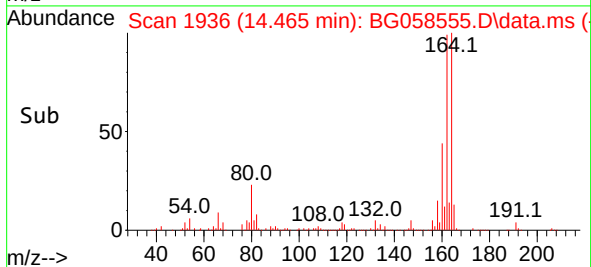
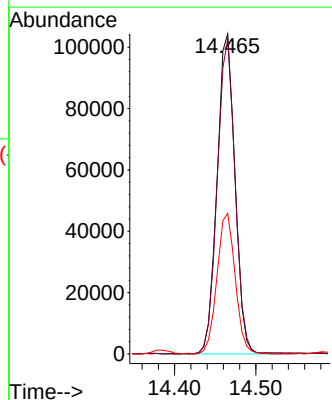
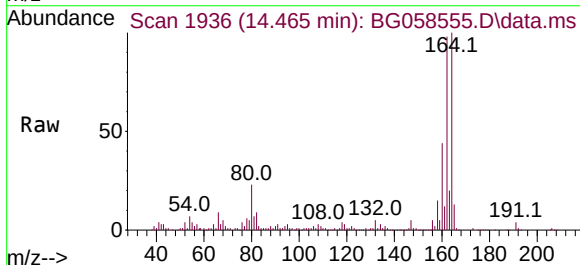
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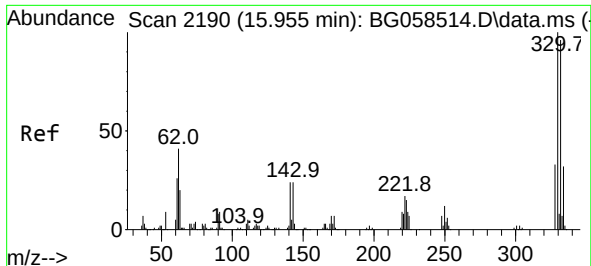
Tgt Ion:122 Resp: 45657
Ion Ratio Lower Upper
122 100
105 129.9 106.5 146.5
77 99.9 78.1 118.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

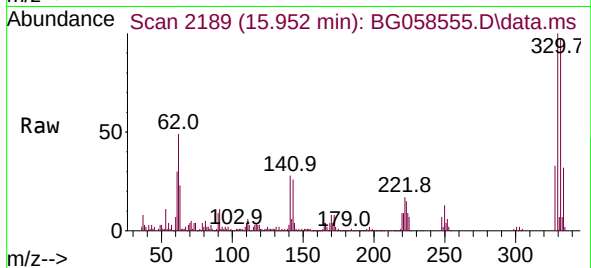
Tgt Ion:164 Resp: 160456
Ion Ratio Lower Upper
164 100
162 98.4 78.3 117.5
160 43.9 34.1 51.1



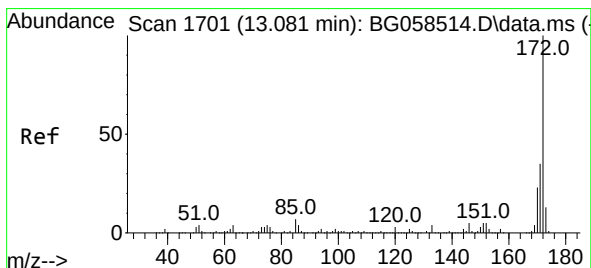
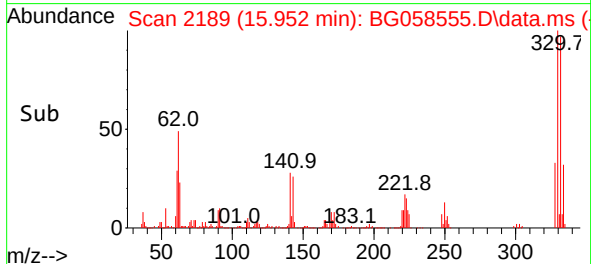
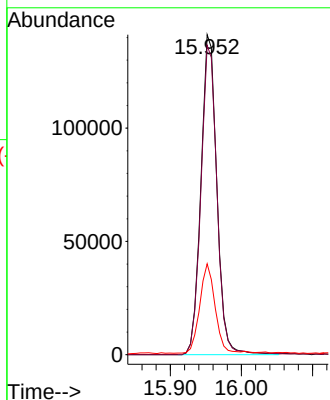


#42
2,4,6-Tribromophenol
Concen: 83.879 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

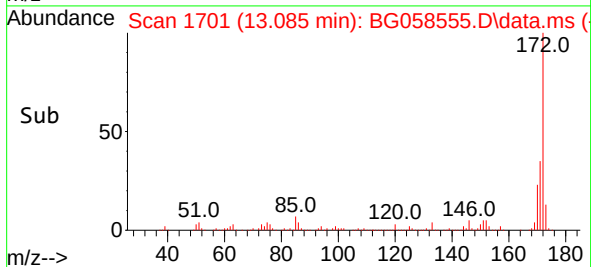
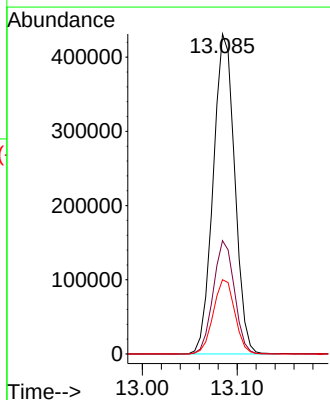
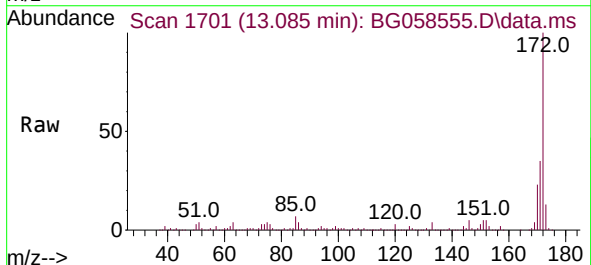


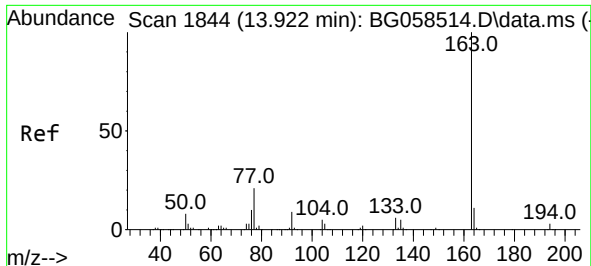
Tgt Ion:330 Resp: 220602
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 27.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 63.563 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:172 Resp: 680575
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.4 27.6

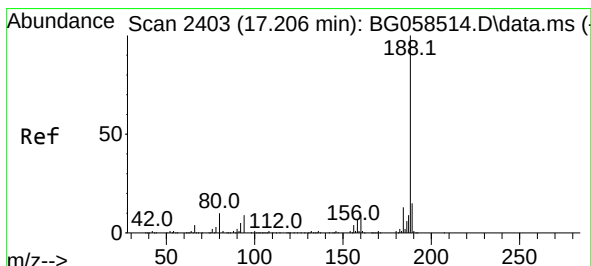
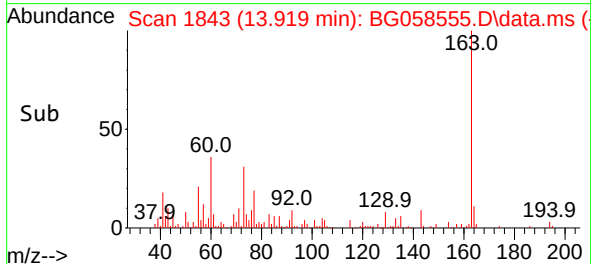
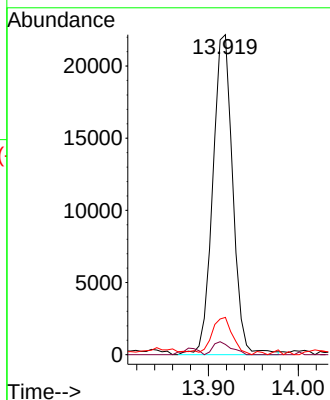
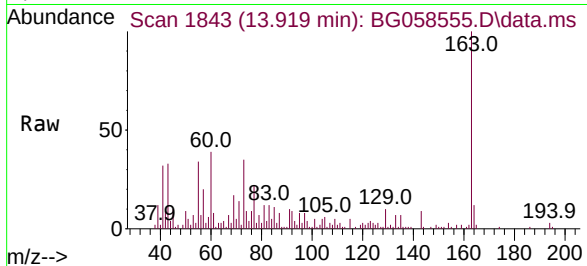




#50
Dimethylphthalate
Concen: 2.838 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

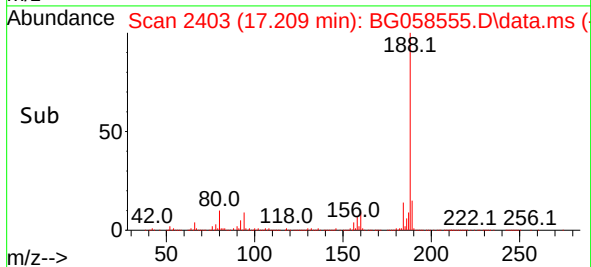
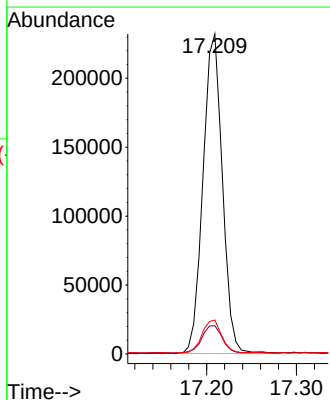
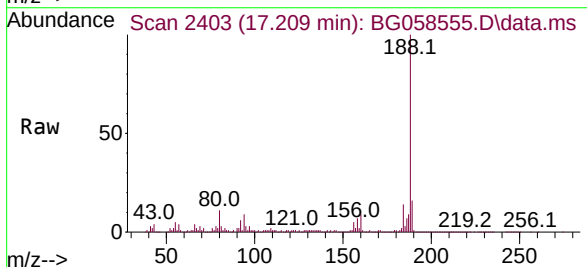
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP

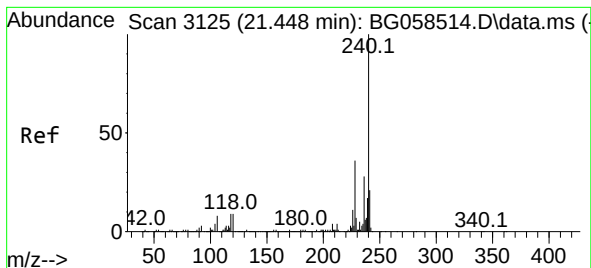
Tgt Ion:163 Resp: 34197
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.6 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Tgt Ion:188 Resp: 347588
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.6 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058555.D

Acq: 1 Aug 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PATERSON-GSMP-COMP

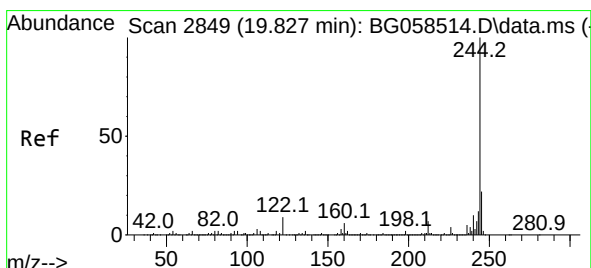
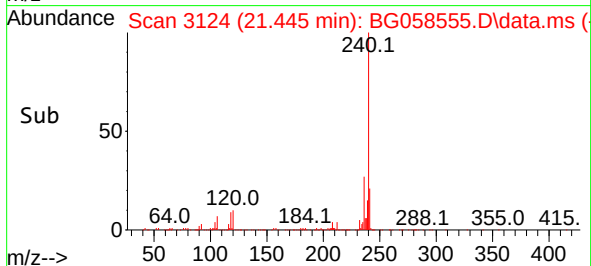
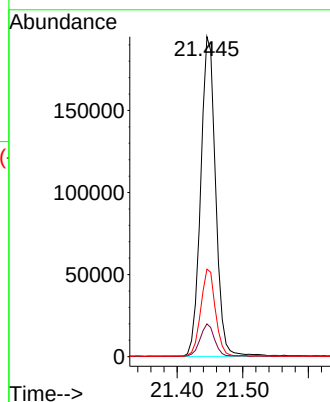
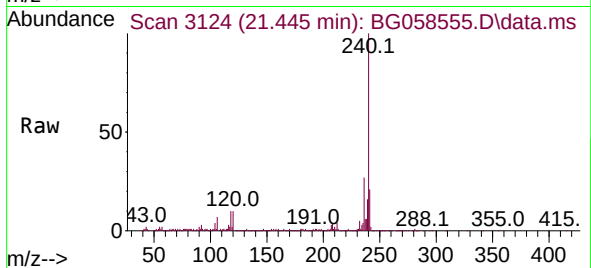
Tgt Ion:240 Resp: 308790

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

236 27.3 22.2 33.4



#79

Terphenyl-d14

Concen: 55.825 ng

RT: 19.824 min Scan# 2848

Delta R.T. -0.003 min

Lab File: BG058555.D

Acq: 1 Aug 2023 9:53

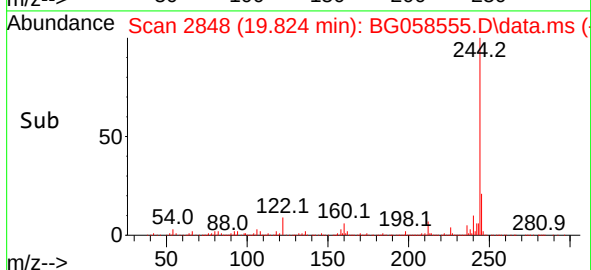
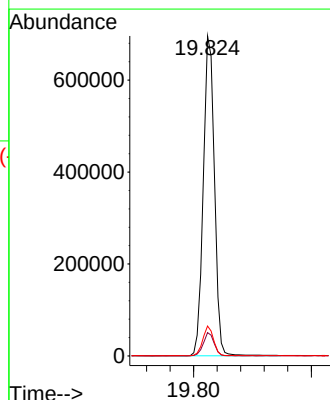
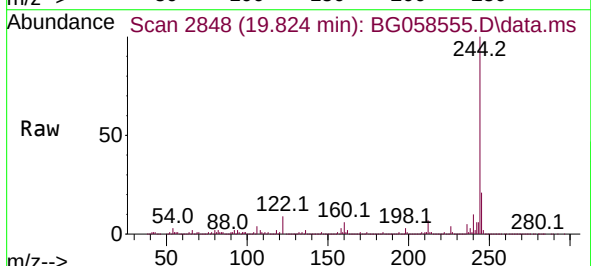
Tgt Ion:244 Resp: 916670

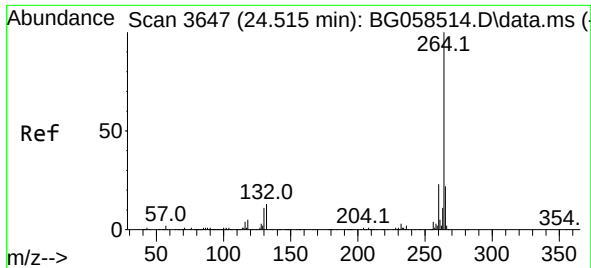
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

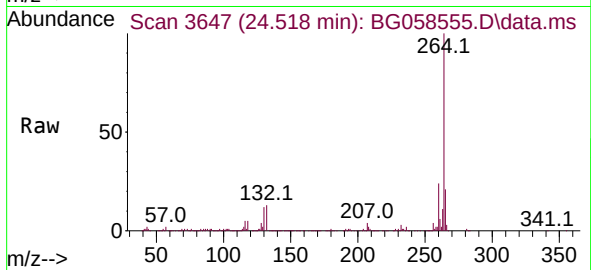
122 9.4 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG058555.D
Acq: 1 Aug 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMP



Tgt Ion:264 Resp: 391220

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.8	17.9	26.9

