

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057844.D
 Acq On : 23 Jun 2023 16:04
 Operator : CG/JU
 Sample : 03336-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Jun 23 16:49:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	42211	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	186028	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	134283	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	303223	20.000	ng	0.00
76) Chrysene-d12	21.548	240	256317	20.000	ng	-0.01
86) Perylene-d12	24.697	264	318214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	295618	107.985	ng	0.00
7) Phenol-d6	7.083	99	430221	102.994	ng	0.00
23) Nitrobenzene-d5	9.080	82	247961	68.410	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	199038	106.406	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	568380	64.199	ng	0.00
79) Terphenyl-d14	19.915	244	921489	67.037	ng	0.00

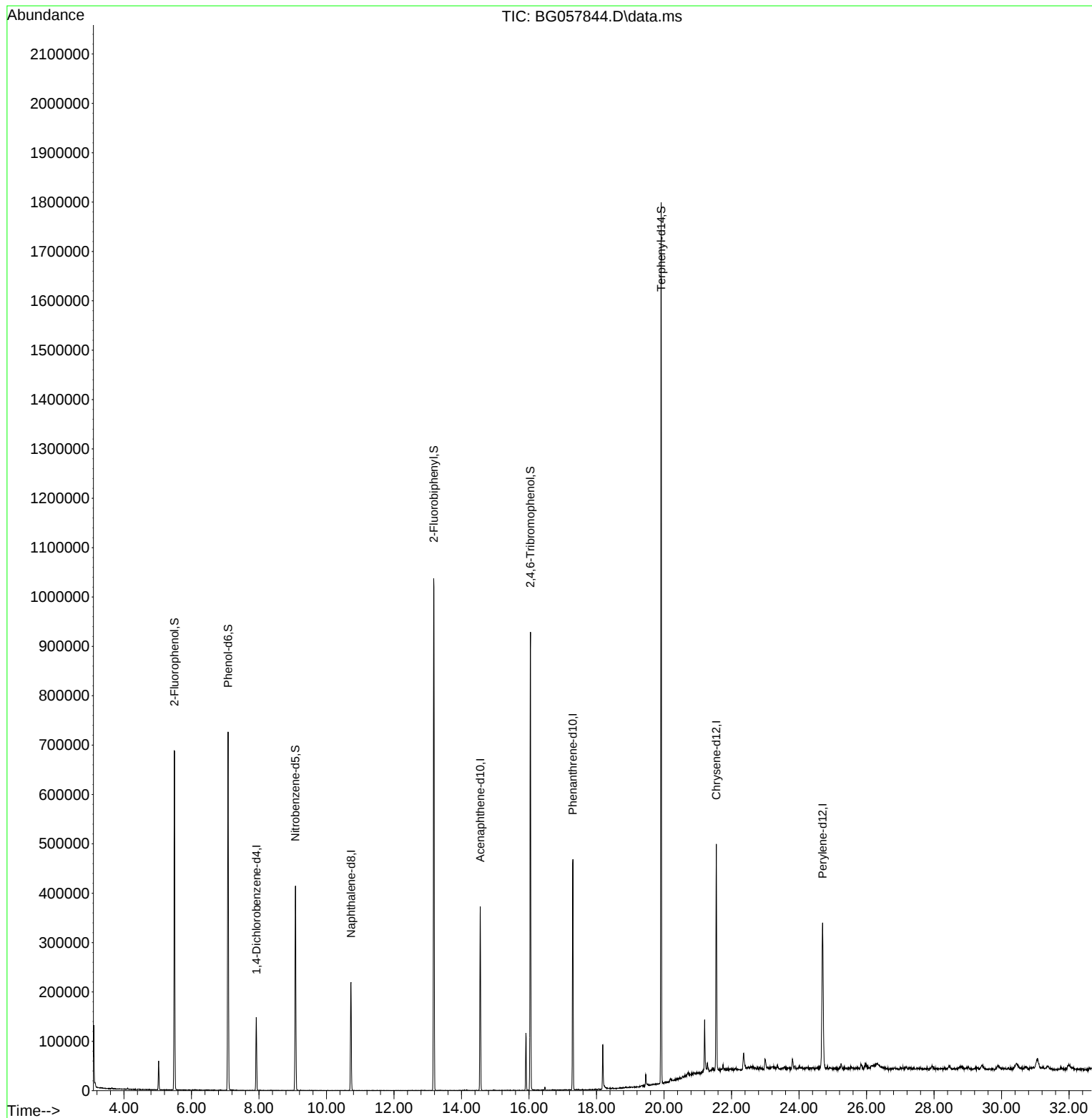
Target Compounds	Qvalue

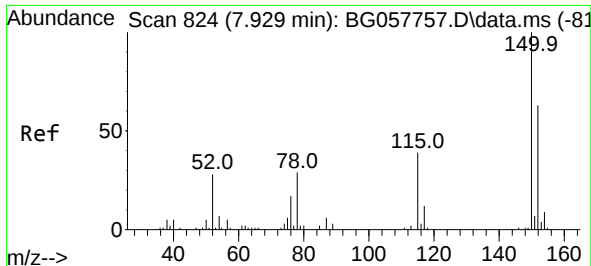
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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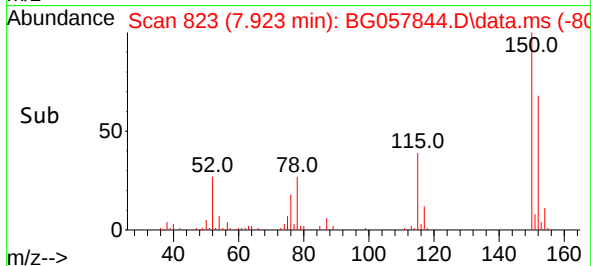
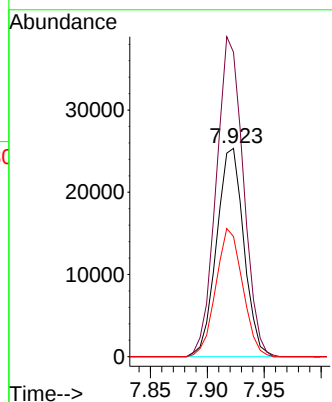
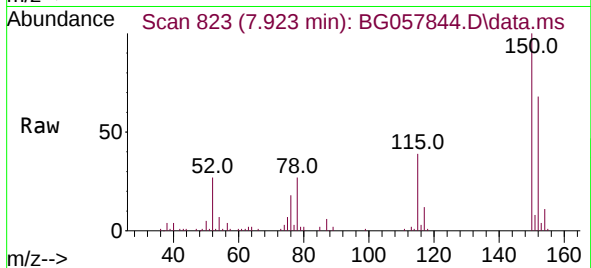




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

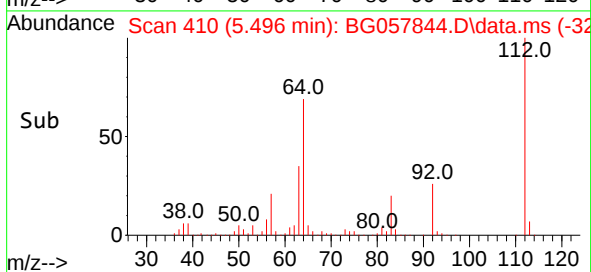
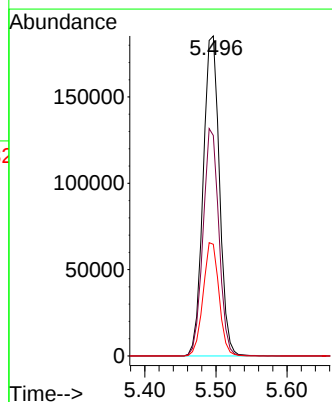
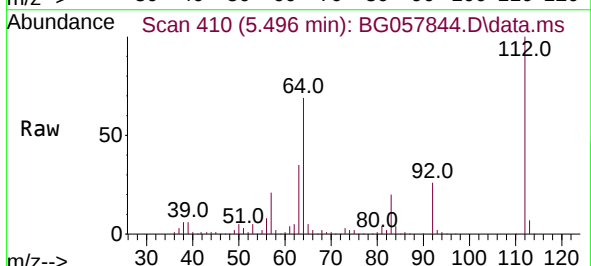
Instrument :
BNA_G
ClientSampleId :
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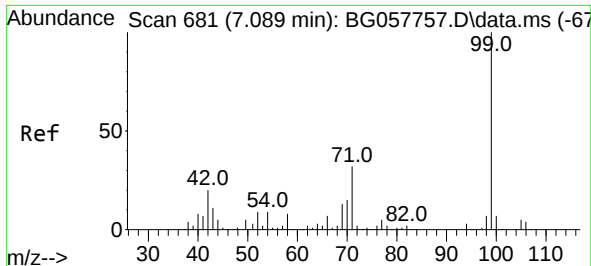
Tgt Ion:152 Resp: 42211
Ion Ratio Lower Upper
152 100
150 146.1 126.6 189.8
115 57.6 48.9 73.3



#5
2-Fluorophenol
Concen: 107.985 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:112 Resp: 295618
Ion Ratio Lower Upper
112 100
64 68.9 62.1 93.1
63 34.9 31.5 47.3

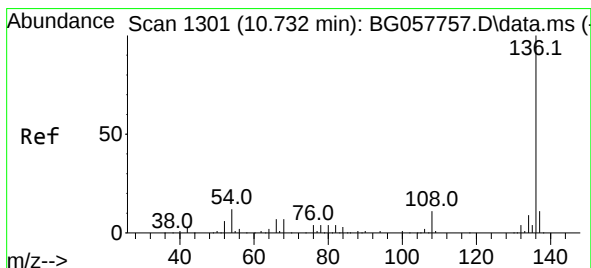
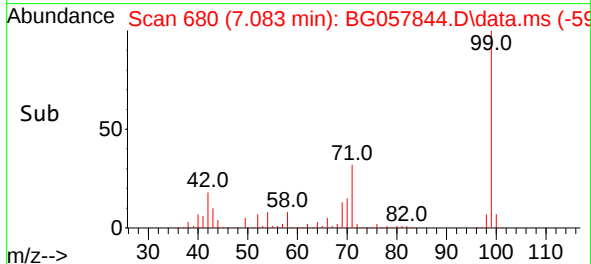
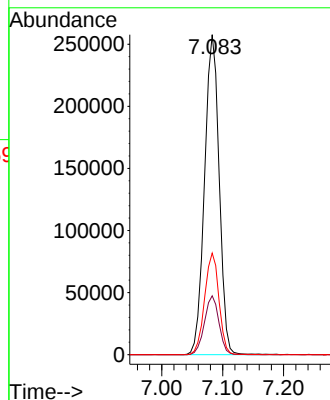
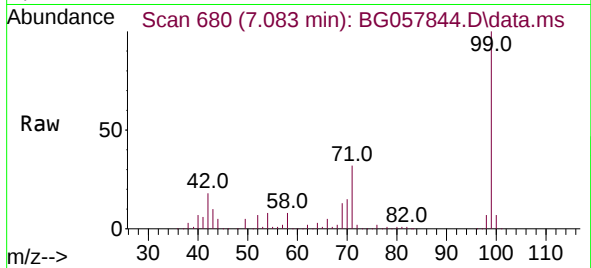




#7
Phenol-d6
Concen: 102.994 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

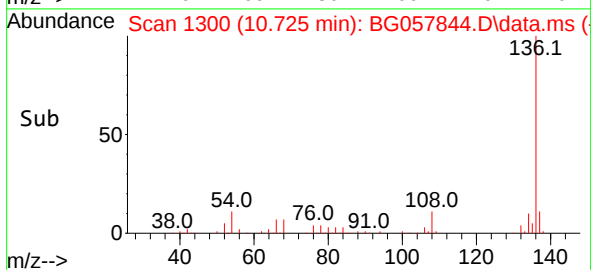
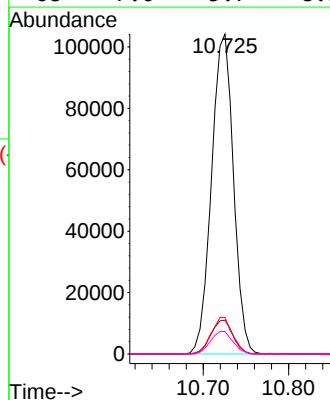
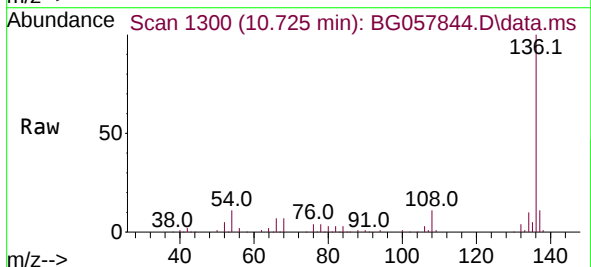
Instrument :
BNA_G
ClientSampleId :
WC-3

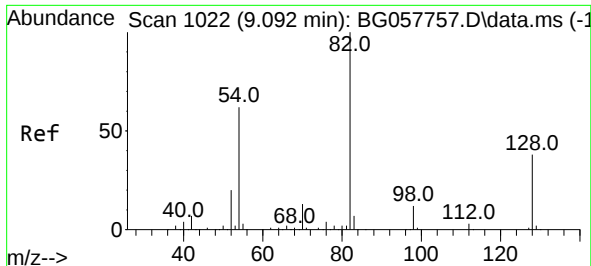
Tgt Ion: 99 Resp: 430221
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 31.7 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion: 136 Resp: 186028
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 11.5 9.5 14.3
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 68.410 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_G

ClientSampleId :

WC-3

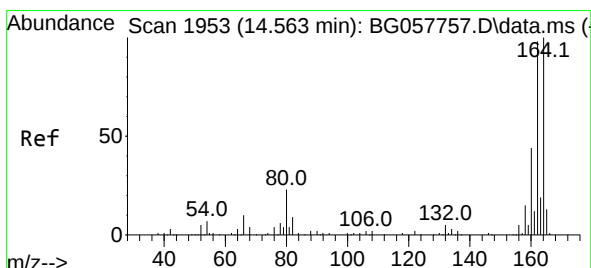
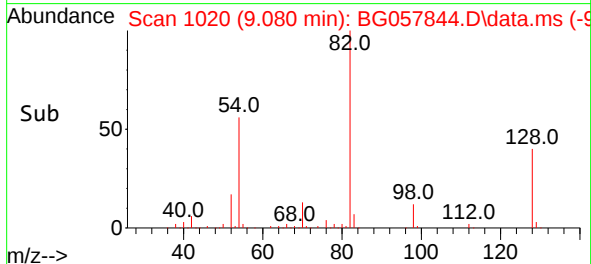
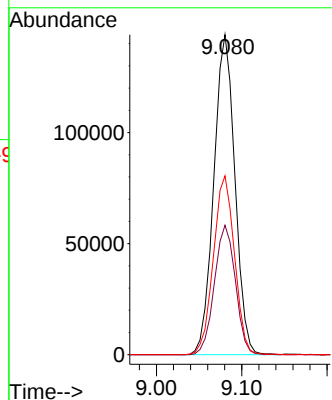
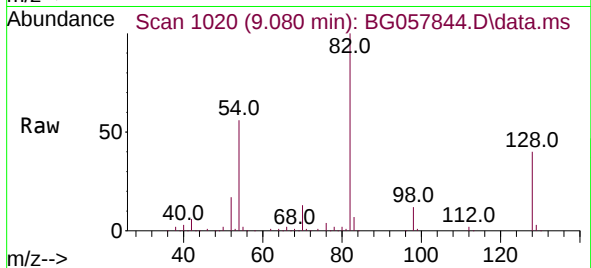
Tgt Ion: 82 Resp: 247961

Ion Ratio Lower Upper

82 100

128 40.5 30.7 46.1

54 55.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

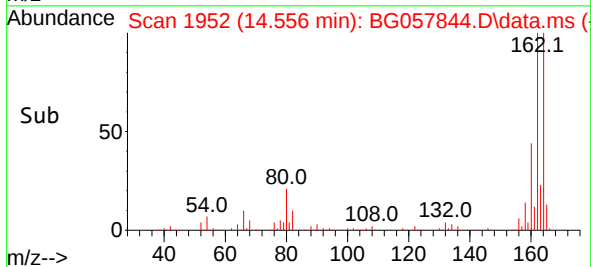
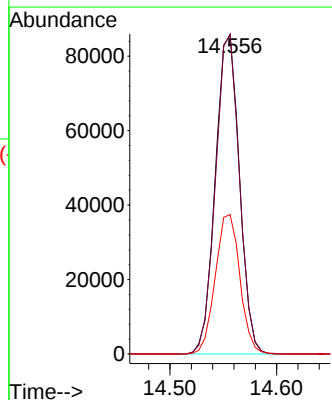
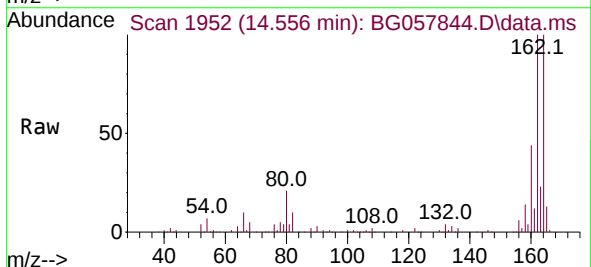
Tgt Ion:164 Resp: 134283

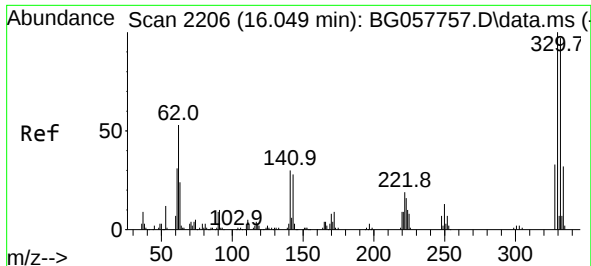
Ion Ratio Lower Upper

164 100

162 100.4 78.3 117.5

160 43.7 35.4 53.0

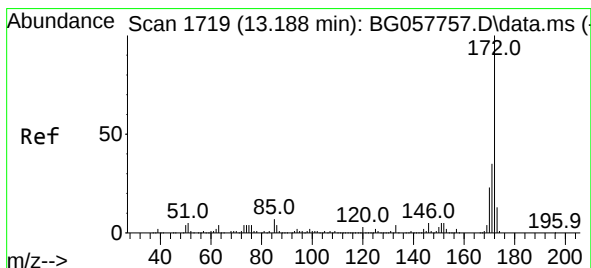
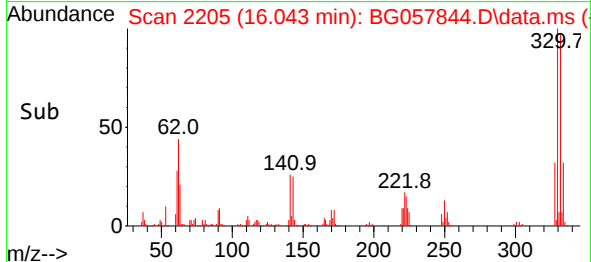
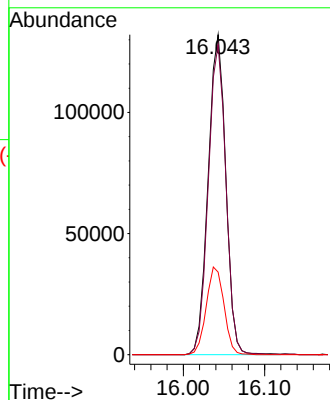
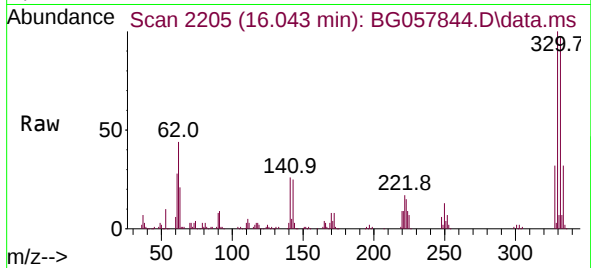




#42
2,4,6-Tribromophenol
Concen: 106.406 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

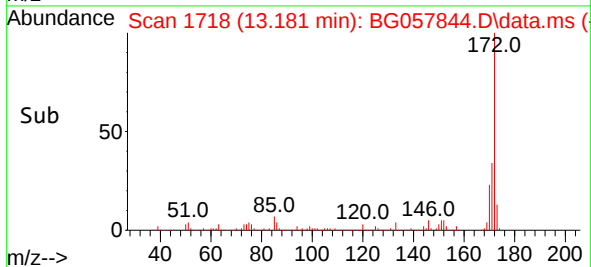
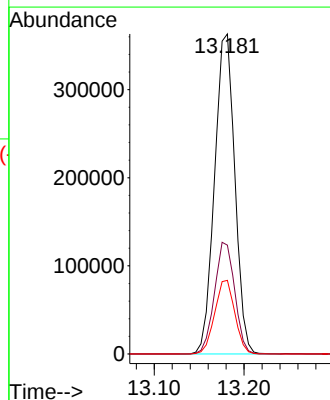
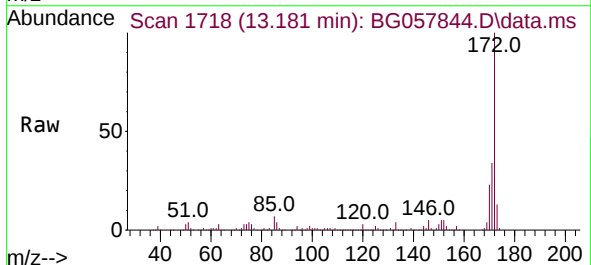
Instrument :
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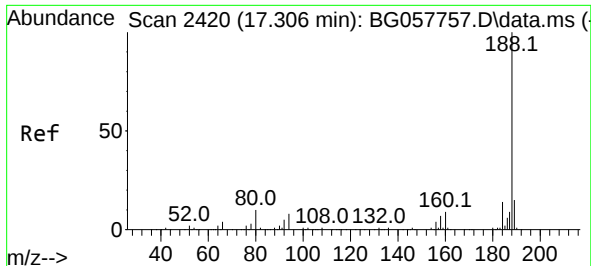
Tgt Ion:330 Resp: 199038
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 27.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 64.199 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:172 Resp: 568380
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.0 18.6 27.8

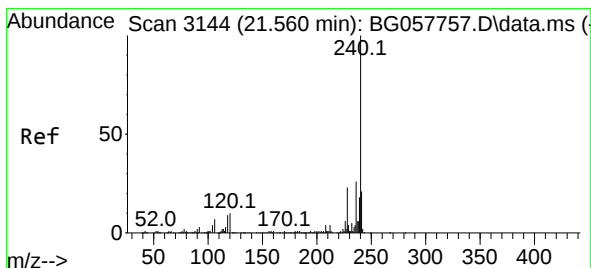
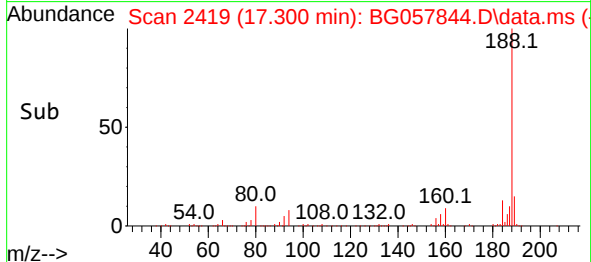
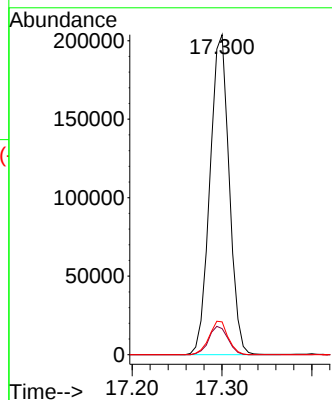
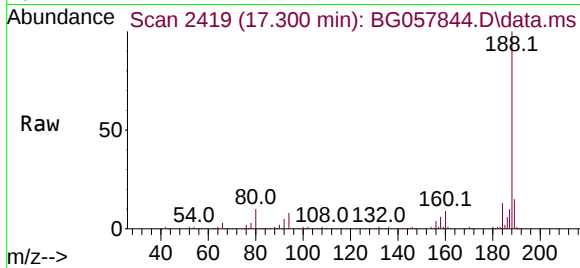




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

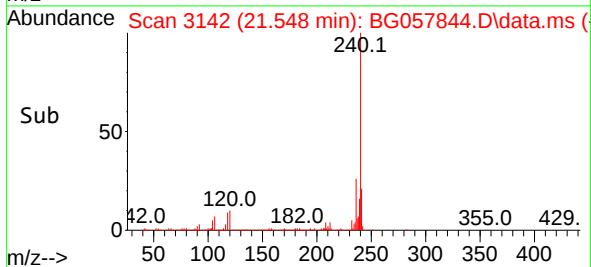
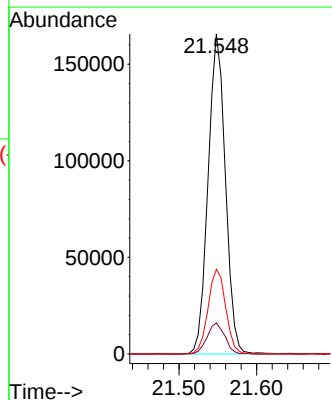
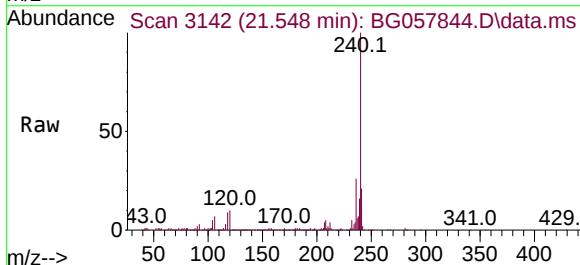
Instrument :
BNA_G
ClientSampleId :
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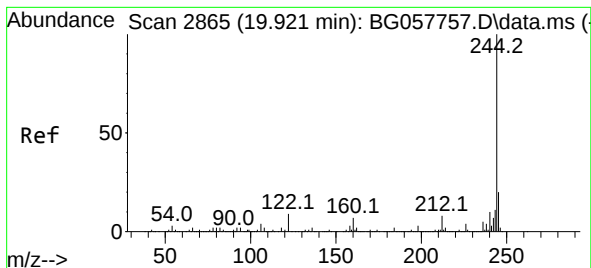
Tgt Ion:188 Resp: 303223
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 10.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:240 Resp: 256317
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.5 20.6 30.8





#79

Terphenyl-d14

Concen: 67.037 ng

RT: 19.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_G

ClientSampleId :

WC-3

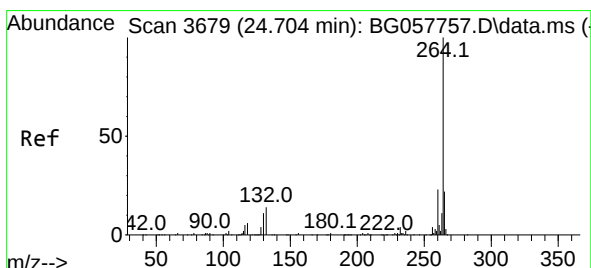
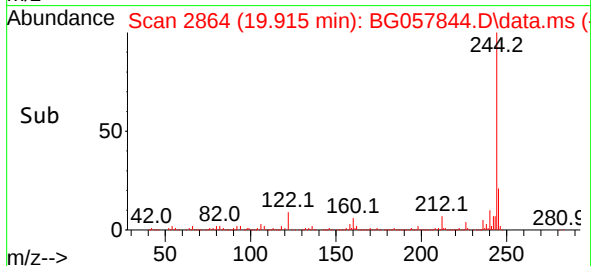
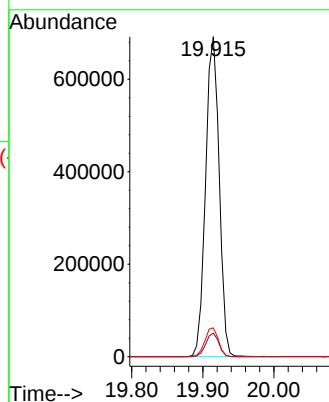
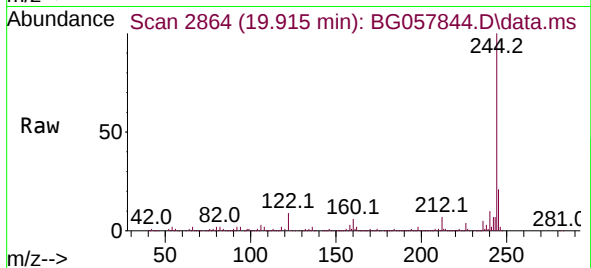
Tgt Ion:244 Resp: 921489

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.697 min Scan# 3678

Delta R.T. -0.006 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

Tgt Ion:264 Resp: 318214

Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

265 21.3 17.4 26.2

