

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057471.D
 Acq On : 19 May 2023 17:26
 Operator : CG/JU
 Sample : PB152895BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152895BL

Quant Time: May 20 04:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	16959	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	66522	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	53860	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	147013	20.000	ng	0.00
76) Chrysene-d12	22.018	240	137216	20.000	ng	0.00
86) Perylene-d12	25.514	264	146197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	140961	142.184	ng	0.00
7) Phenol-d6	7.497	99	206001	136.834	ng	0.00
23) Nitrobenzene-d5	9.535	82	131868	83.200	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	114552	149.895	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	357810	89.472	ng	0.00
79) Terphenyl-d14	20.280	244	802042	95.387	ng	0.00

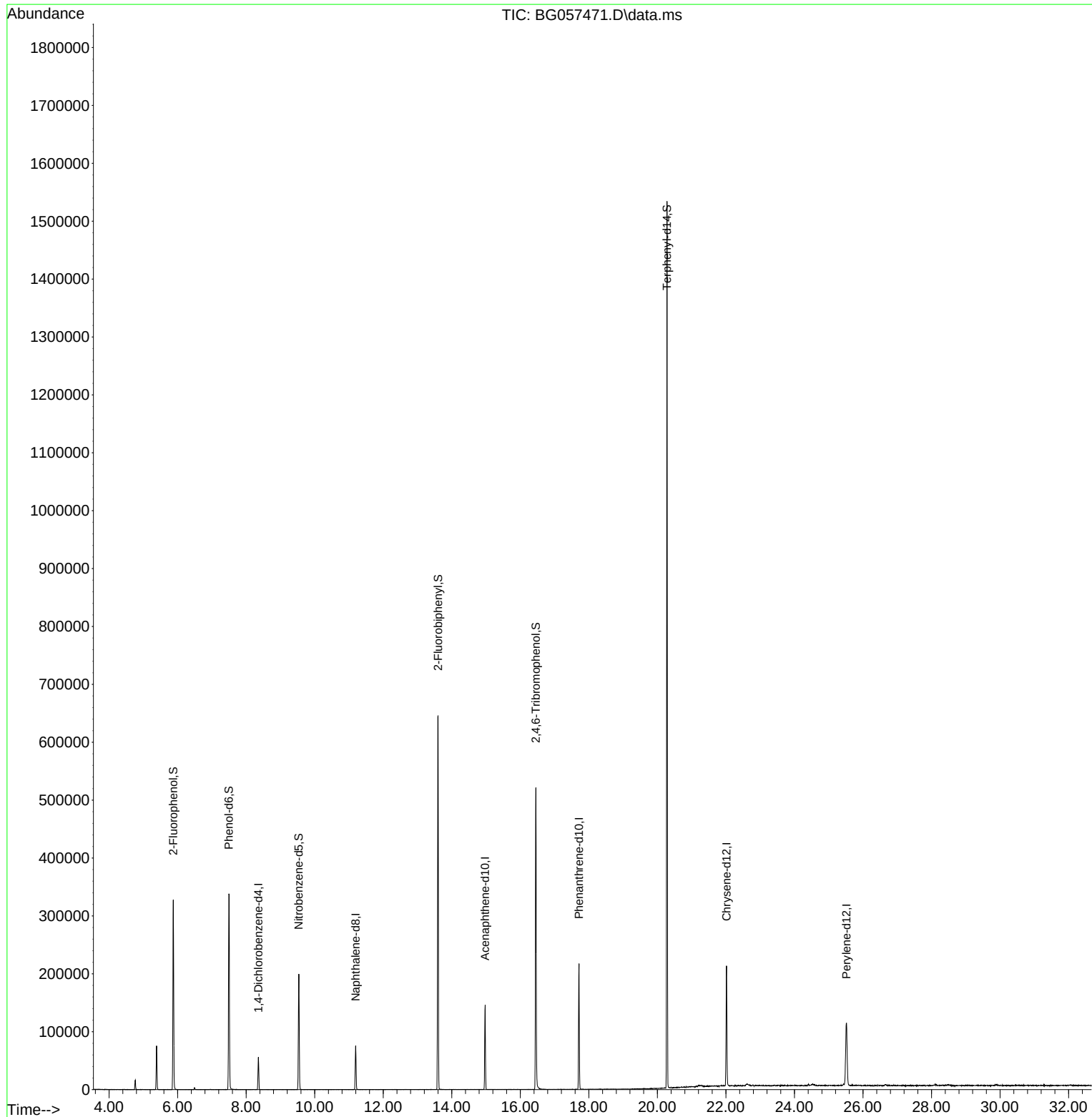
Target Compounds	Qvalue

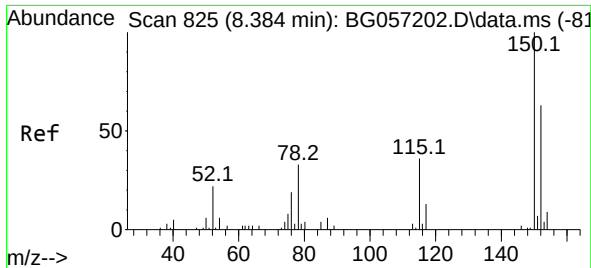
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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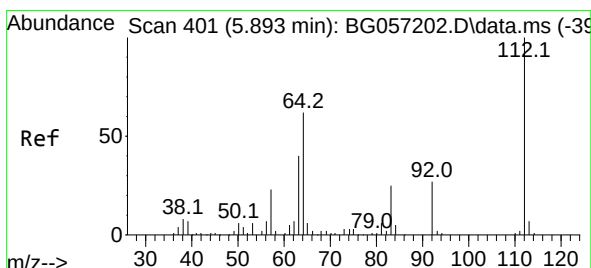
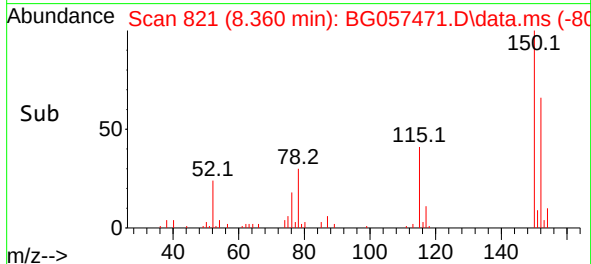
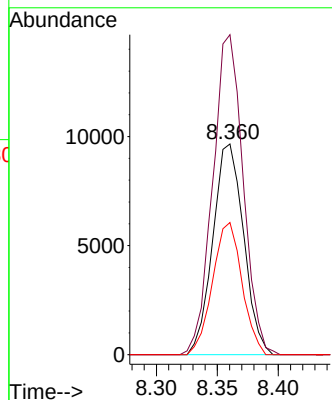
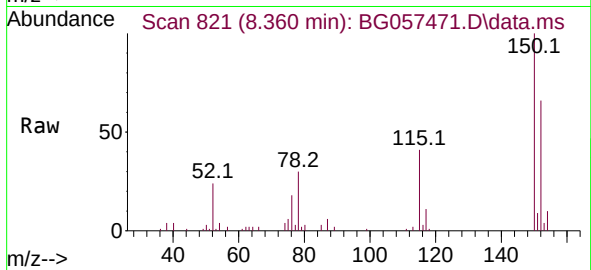




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

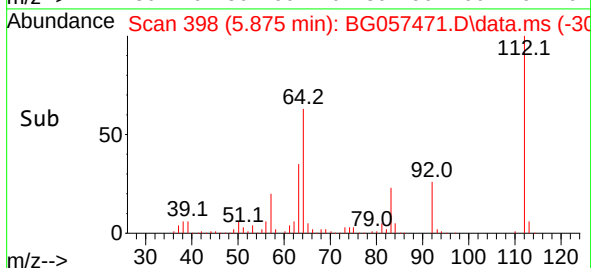
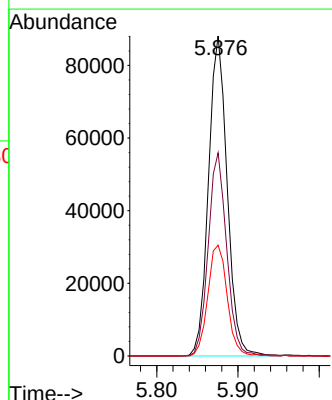
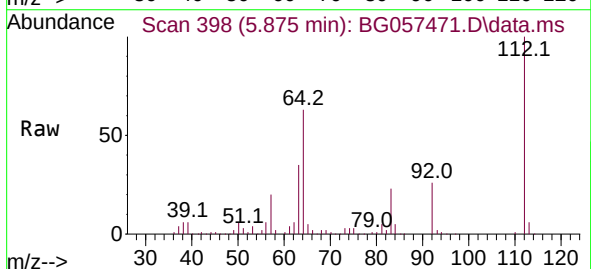
Instrument :
BNA_G
ClientSampleId :
PB152895BL

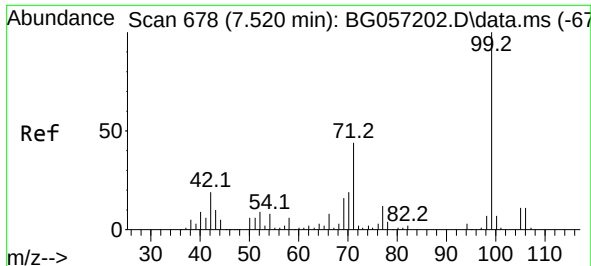
Tgt Ion:152 Resp: 16959
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.4
115 62.7 45.0 67.4



#5
2-Fluorophenol
Concen: 142.184 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion:112 Resp: 140961
Ion Ratio Lower Upper
112 100
64 63.5 49.4 74.2
63 34.6 31.6 47.4

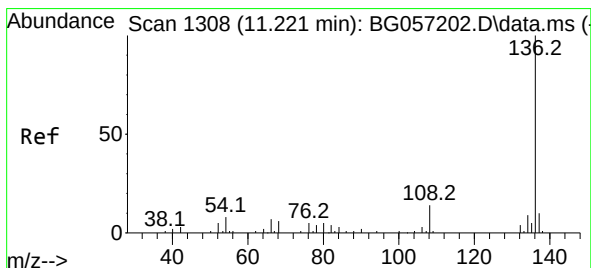
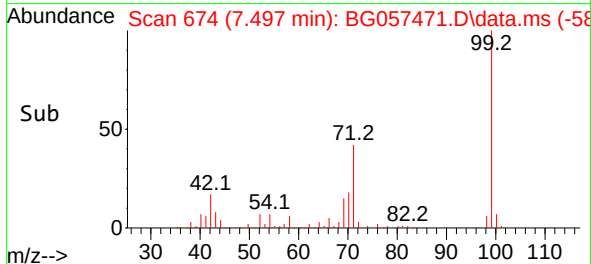
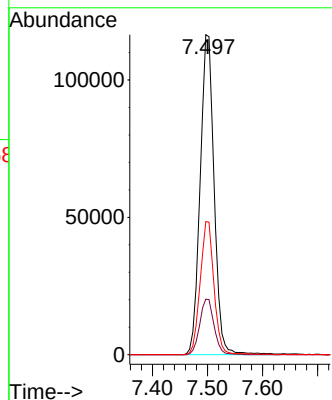
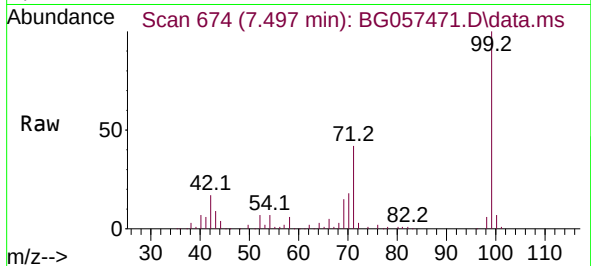




#7
Phenol-d6
Concen: 136.834 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

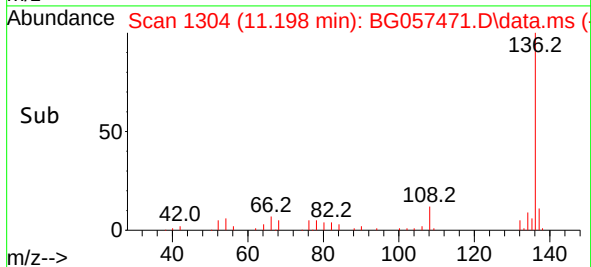
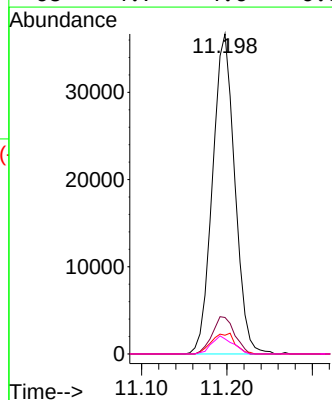
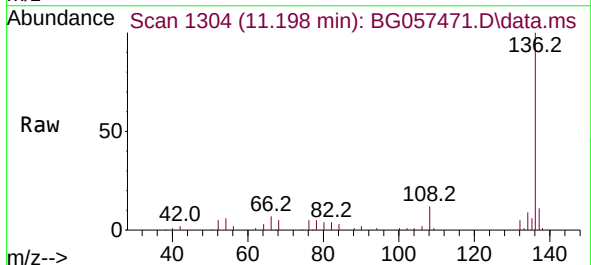
Instrument :
BNA_G
ClientSampleId :
PB152895BL

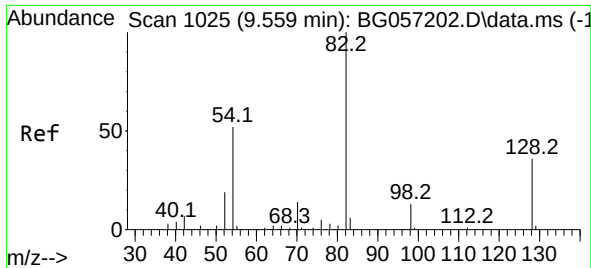
Tgt Ion: 99 Resp: 206001
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 41.6 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 1304
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion: 136 Resp: 66522
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 5.9 6.7 10.1#
68 4.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.200 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057471.D

Acq: 19 May 2023 17:26

Instrument :

BNA_G

ClientSampleId :

PB152895BL

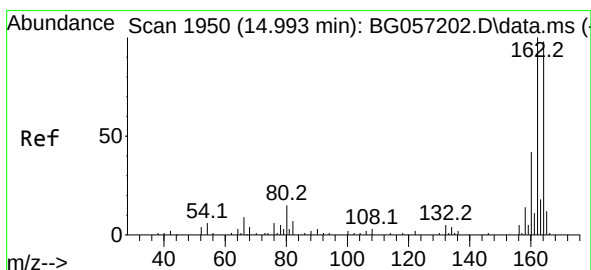
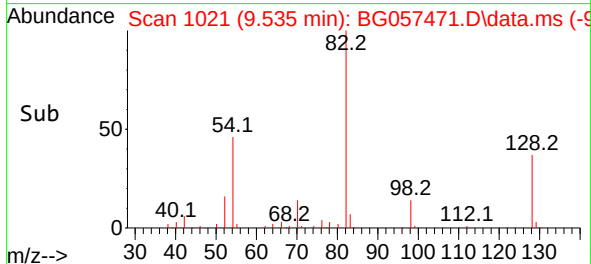
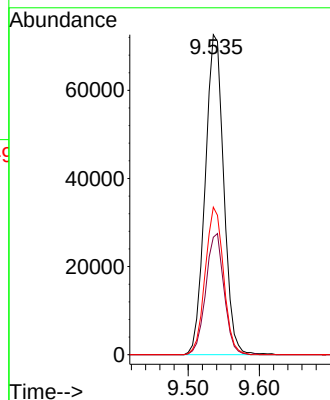
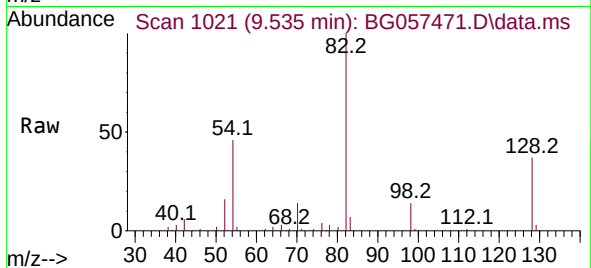
Tgt Ion: 82 Resp: 131868

Ion Ratio Lower Upper

82 100

128 36.7 29.0 43.4

54 46.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG057471.D

Acq: 19 May 2023 17:26

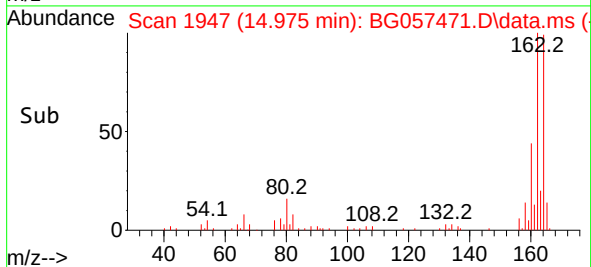
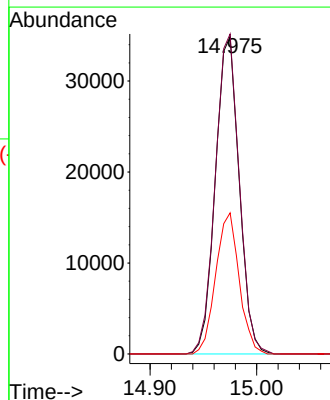
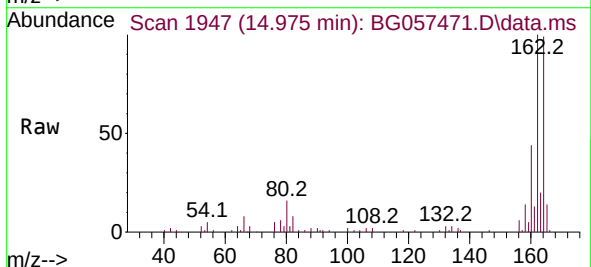
Tgt Ion:164 Resp: 53860

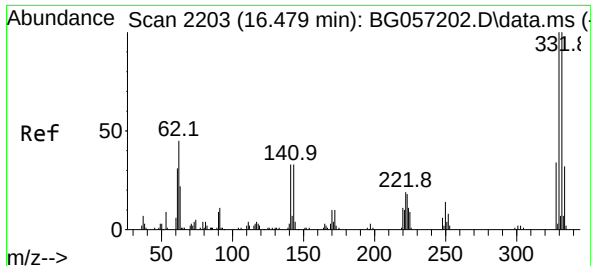
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

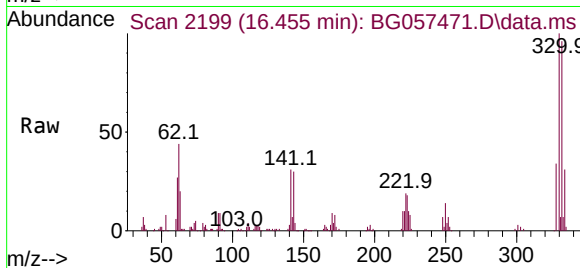
160 44.5 34.6 52.0



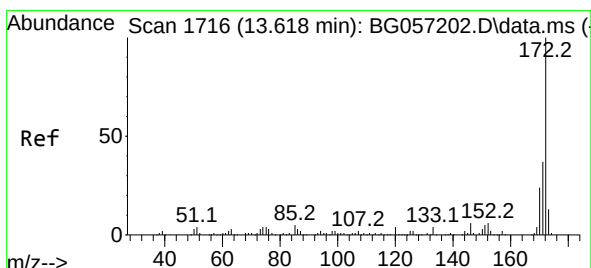
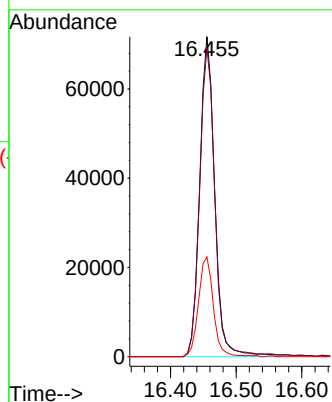
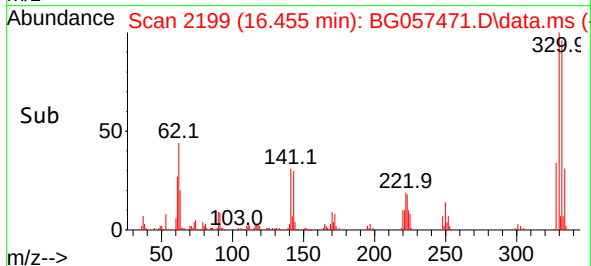


#42
2,4,6-Tribromophenol
Concen: 149.895 ng
RT: 16.455 min Scan# 21199
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

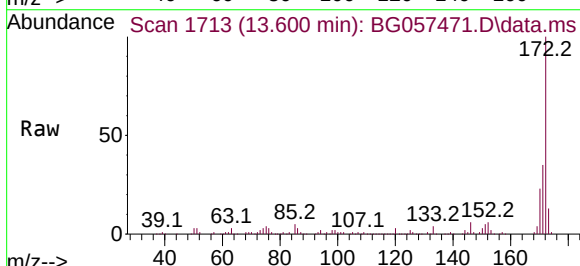
Instrument :
BNA_G
ClientSampleId :
PB152895BL



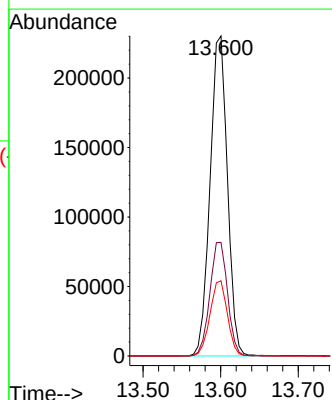
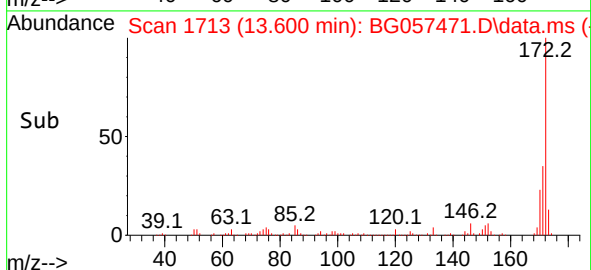
Tgt Ion:330 Resp: 114552
Ion Ratio Lower Upper
330 100
332 98.6 78.2 117.2
141 31.0 27.8 41.8

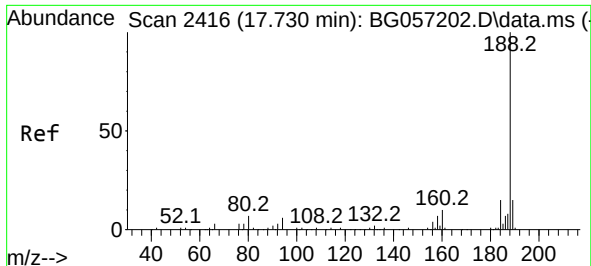


#45
2-Fluorobiphenyl
Concen: 89.472 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26



Tgt Ion:172 Resp: 357810
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.5 19.0 28.6

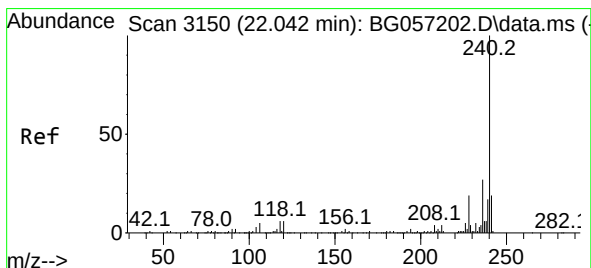
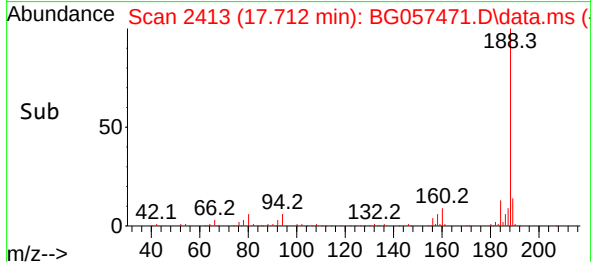
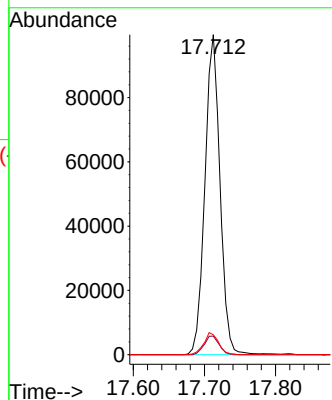
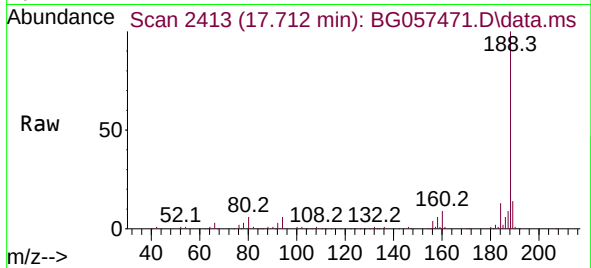




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

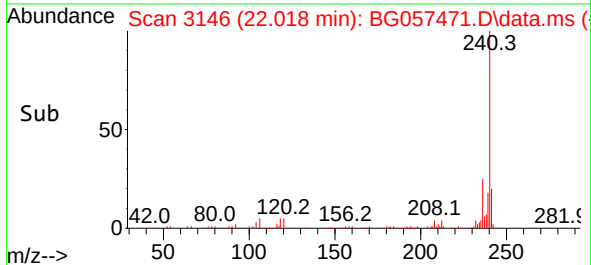
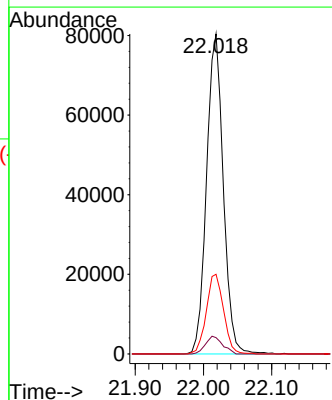
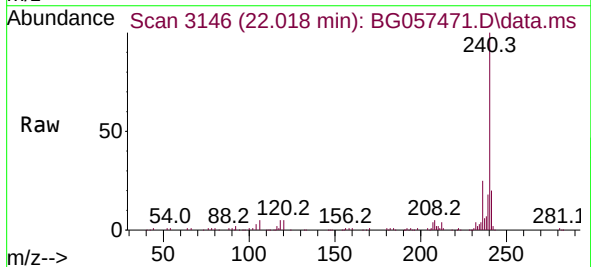
Instrument :
BNA_G
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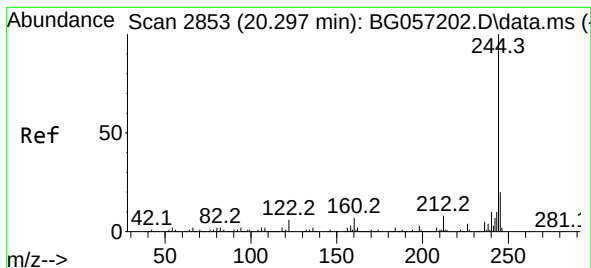
Tgt Ion:188 Resp: 147013
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.2 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion:240 Resp: 137216
Ion Ratio Lower Upper
240 100
120 5.1 4.9 7.3
236 24.9 21.4 32.2





#79

Terphenyl-d14

Concen: 95.387 ng

RT: 20.280 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057471.D

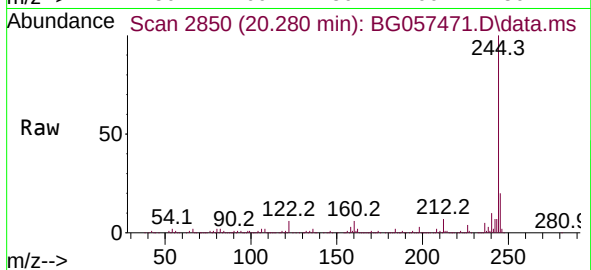
Acq: 19 May 2023 17:26

Instrument :

BNA_G

ClientSampleId :

PB152895BL



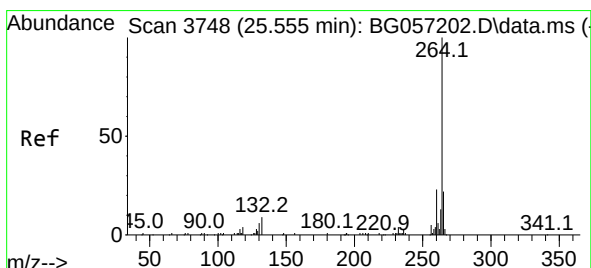
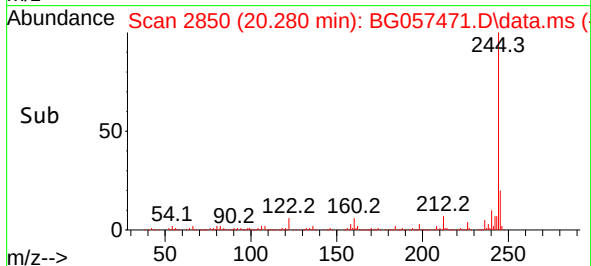
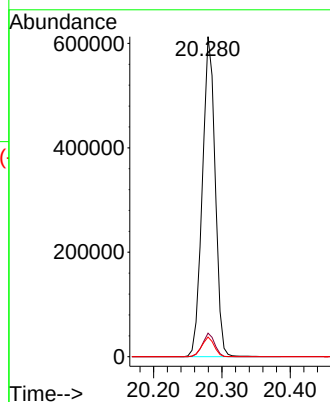
Tgt Ion:244 Resp: 802042

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.1 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.514 min Scan# 3741

Delta R.T. -0.001 min

Lab File: BG057471.D

Acq: 19 May 2023 17:26

Tgt Ion:264 Resp: 146197

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.9 17.9 26.9

