

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057915.D
 Acq On : 29 Jun 2023 22:20
 Operator : CG/JU
 Sample : 03368-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CF-29

Quant Time: Jun 30 03:46:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	59867	20.000	ng	-0.02
21) Naphthalene-d8	10.713	136	255971	20.000	ng	-0.01
39) Acenaphthene-d10	14.550	164	161684	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	341352	20.000	ng	0.00
76) Chrysene-d12	21.548	240	282256	20.000	ng	0.00
86) Perylene-d12	24.703	264	346866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	388724	99.345	ng	0.00
7) Phenol-d6	7.082	99	547351	93.546	ng	0.00
23) Nitrobenzene-d5	9.074	82	325196	62.261	ng	-0.01
42) 2,4,6-Tribromophenol	16.037	330	204783	75.409	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	693129	65.420	ng	0.00
79) Terphenyl-d14	19.908	244	926148	59.820	ng	0.00

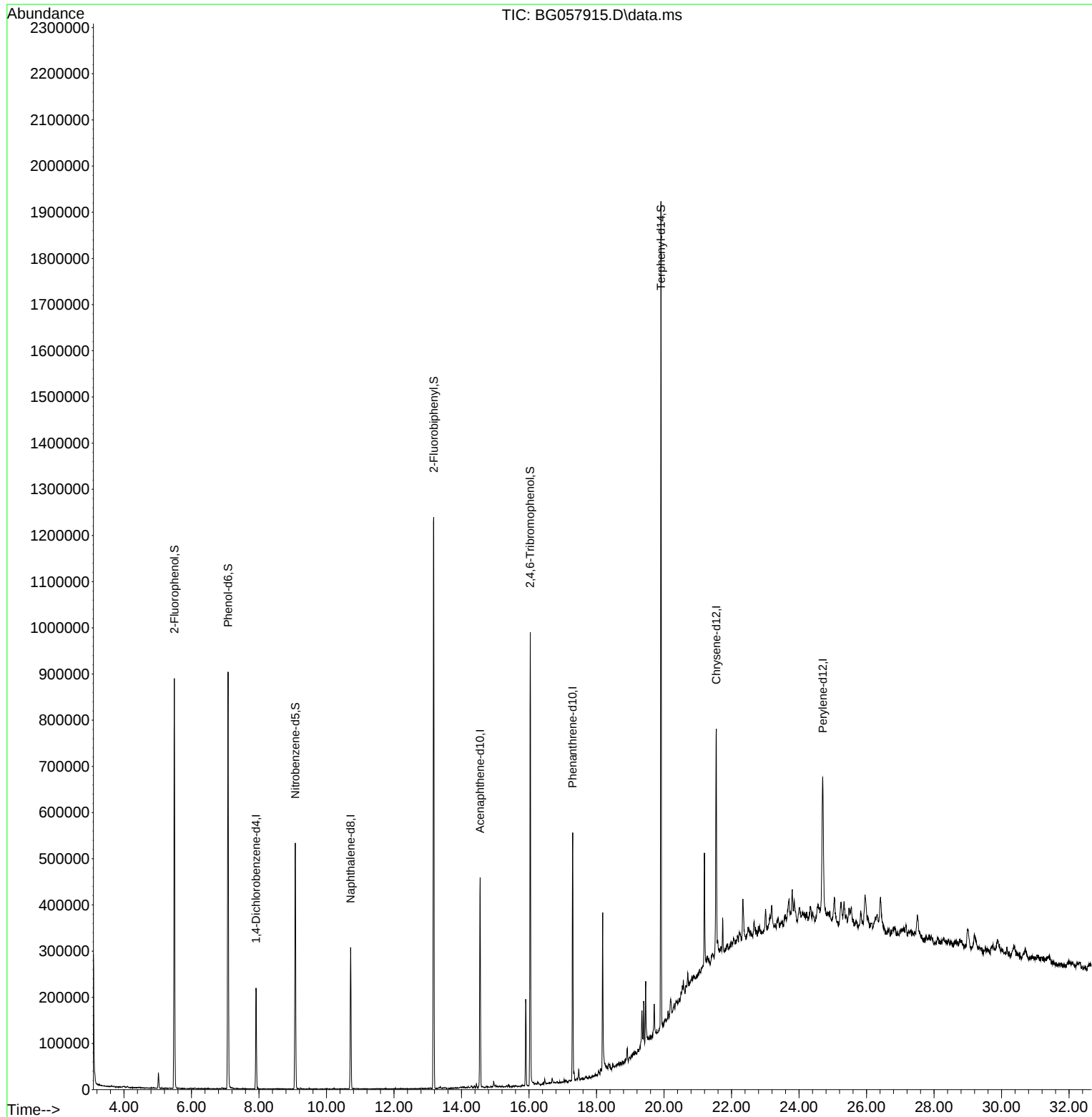
Target Compounds	Qvalue

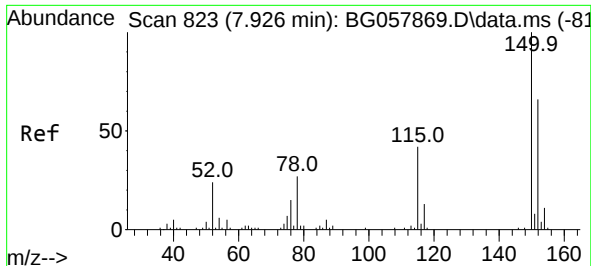
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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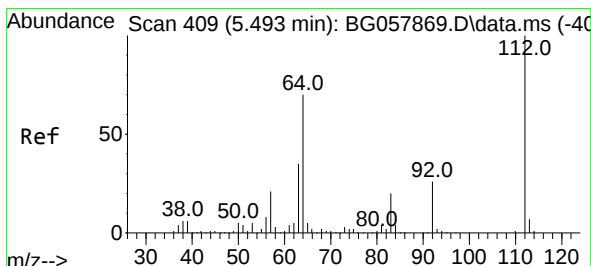
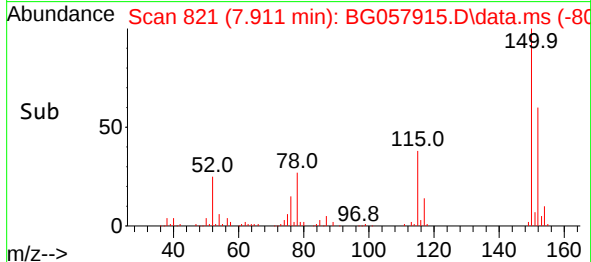
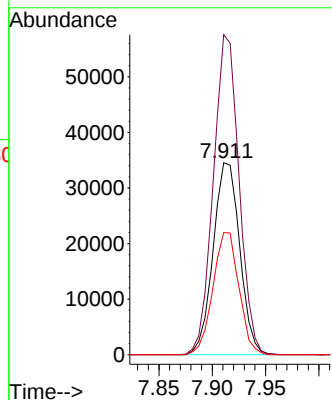
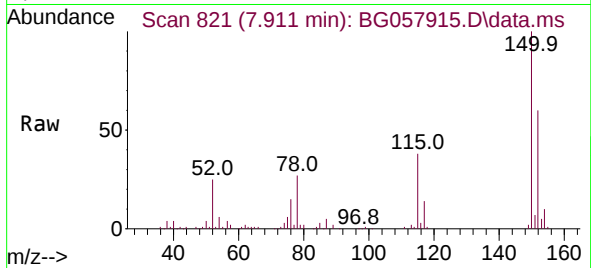




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

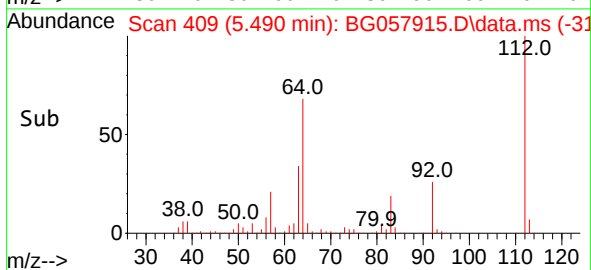
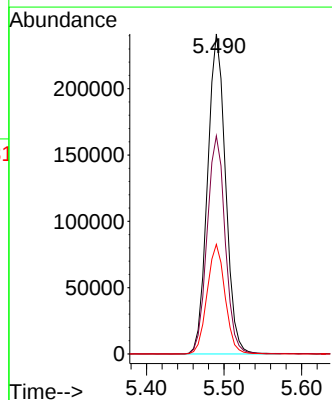
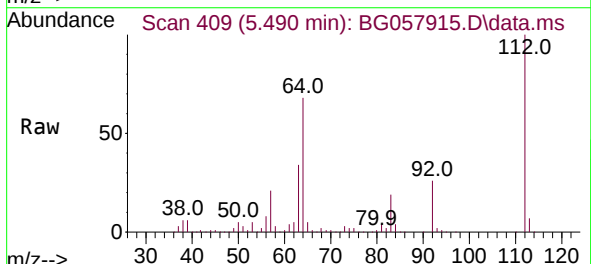
Instrument :
BNA_G
ClientSampleId :
CF-29

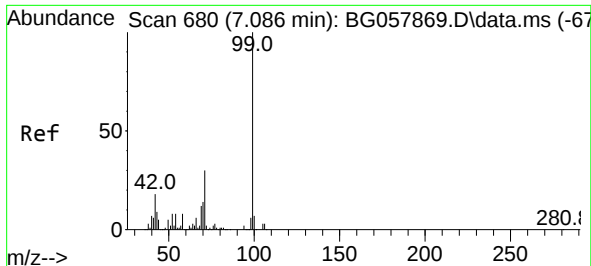
Tgt Ion:152 Resp: 59867
Ion Ratio Lower Upper
152 100
150 166.7 122.0 183.0
115 63.6 50.7 76.1



#5
2-Fluorophenol
Concen: 99.345 ng
RT: 5.490 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

Tgt Ion:112 Resp: 388724
Ion Ratio Lower Upper
112 100
64 68.1 55.8 83.6
63 34.2 27.9 41.9

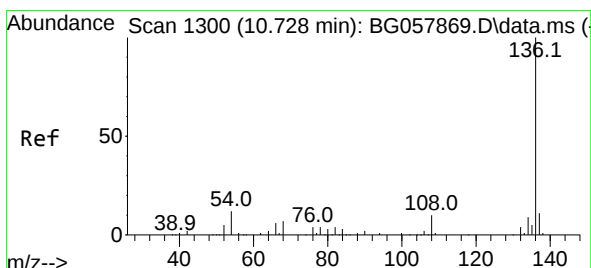
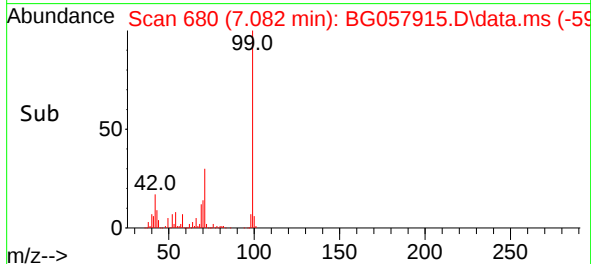
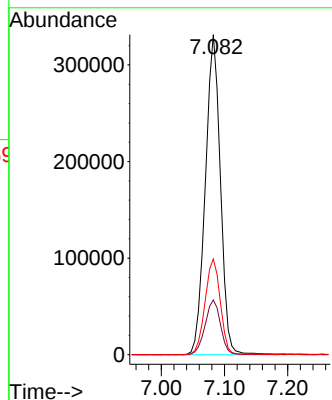
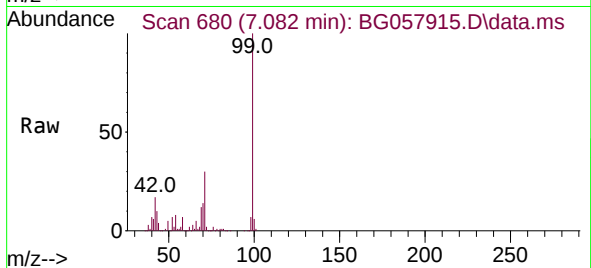




#7
Phenol-d6
Concen: 93.546 ng
RT: 7.082 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

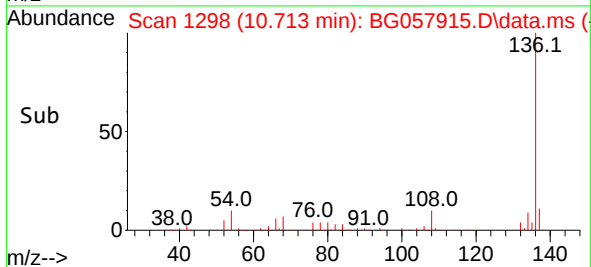
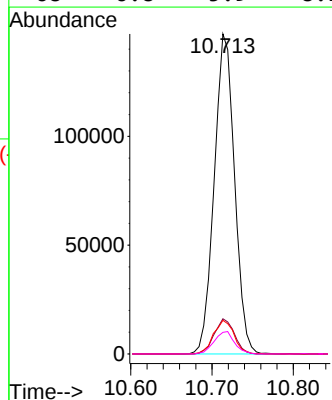
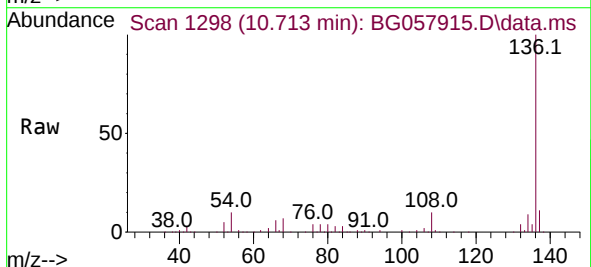
Instrument :
BNA_G
ClientSampleId :
CF-29

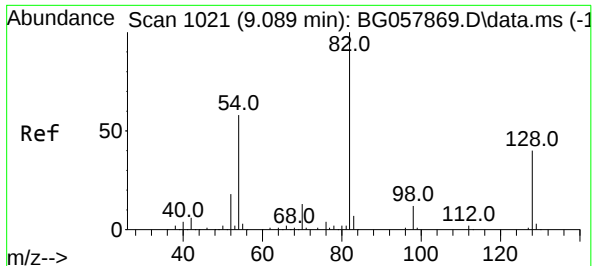
Tgt Ion: 99 Resp: 547351
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 29.9 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.713 min Scan# 1298
Delta R.T. -0.015 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

Tgt Ion: 136 Resp: 255971
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.5 9.3 13.9
68 6.8 5.9 8.9

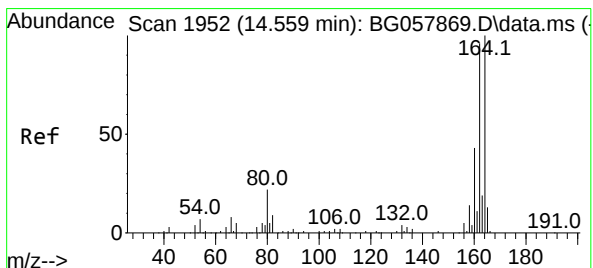
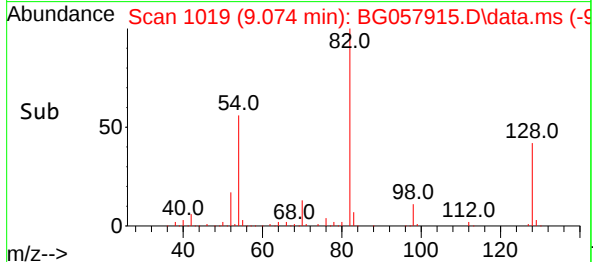
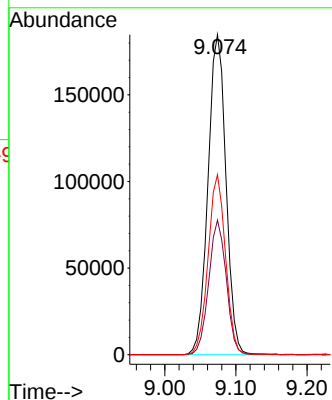
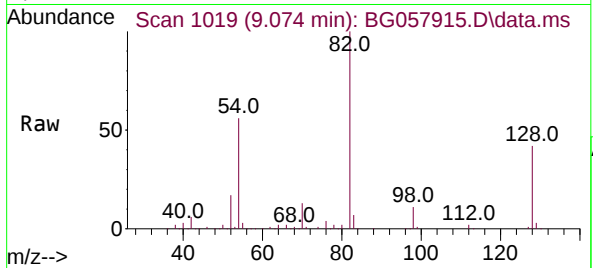




#23
Nitrobenzene-d5
Concen: 62.261 ng
RT: 9.074 min Scan# 1019
Delta R.T. -0.015 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

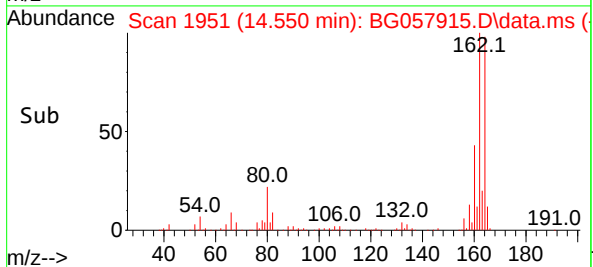
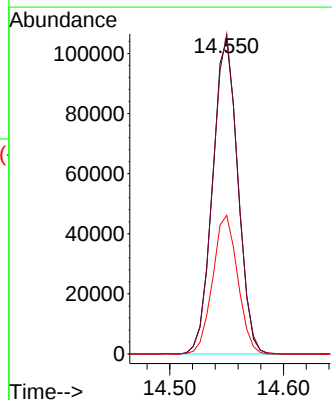
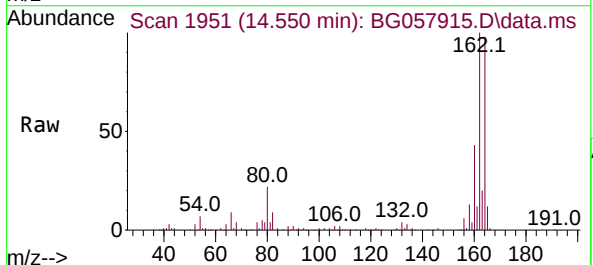
Instrument :
BNA_G
ClientSampleId :
CF-29

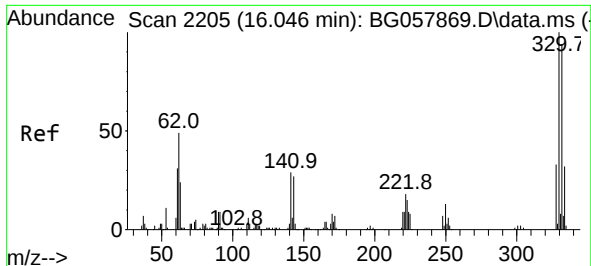
Tgt Ion: 82 Resp: 325196
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.4
54 56.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

Tgt Ion:164 Resp: 161684
Ion Ratio Lower Upper
164 100
162 101.6 76.4 114.6
160 44.0 34.2 51.2

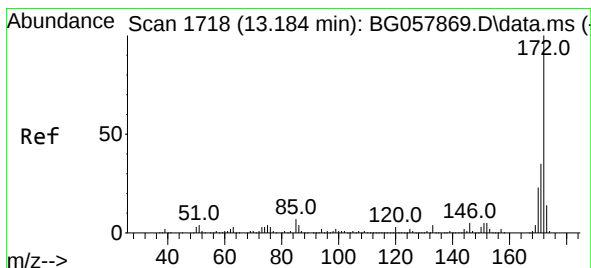
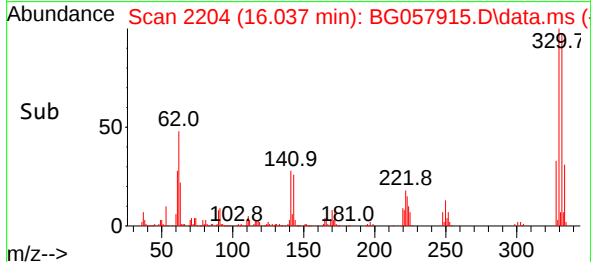
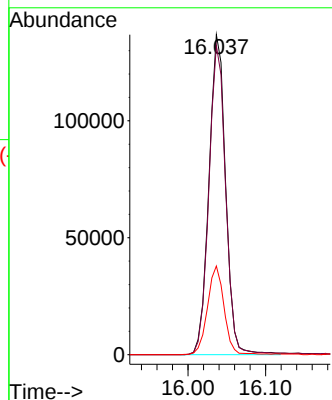
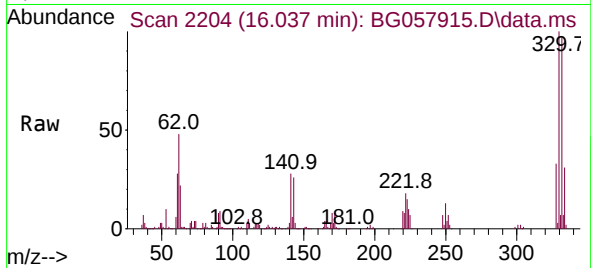




#42
2,4,6-Tribromophenol
Concen: 75.409 ng
RT: 16.037 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

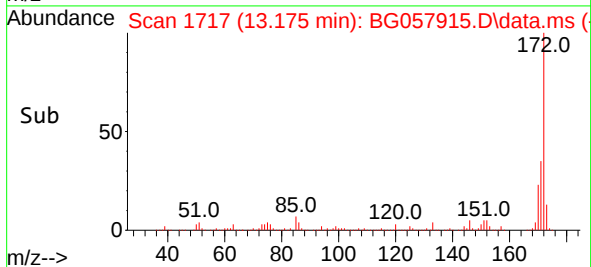
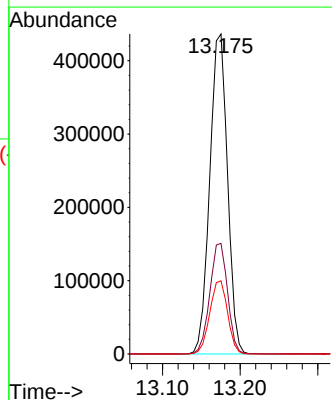
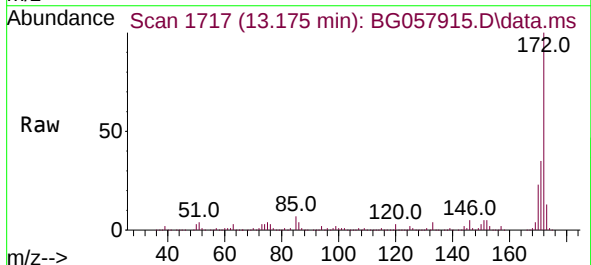
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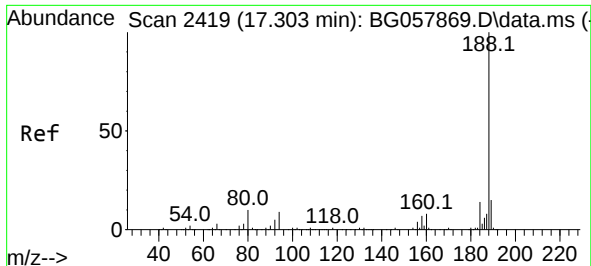
Tgt Ion:330 Resp: 204783
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 27.5 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 65.420 ng
RT: 13.175 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

Tgt Ion:172 Resp: 693129
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 22.8 18.6 27.8

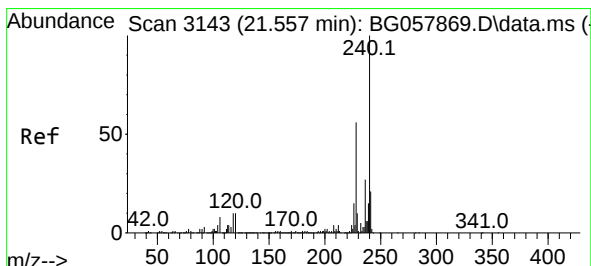
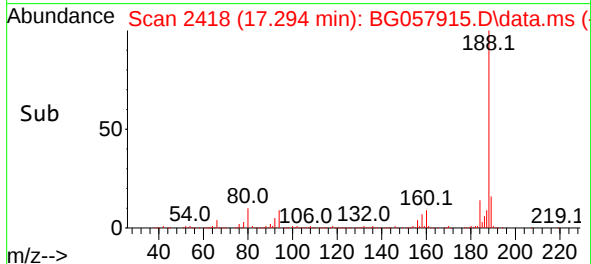
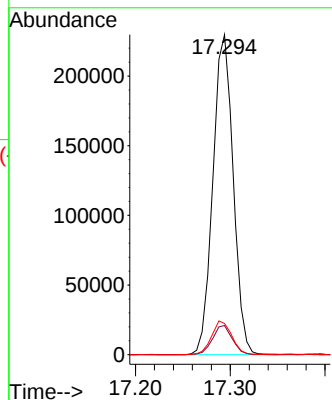
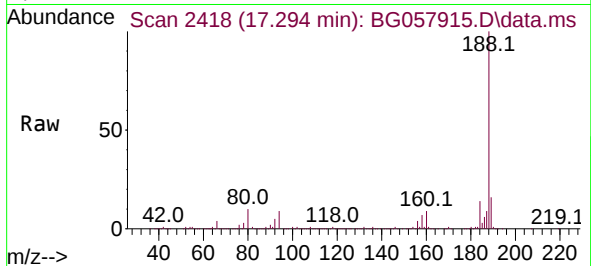




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

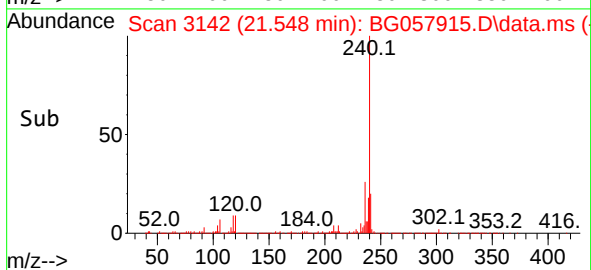
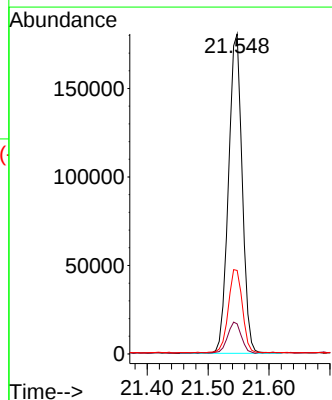
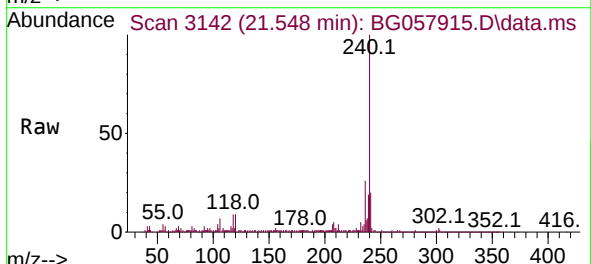
Instrument :
BNA_G
ClientSampleId :
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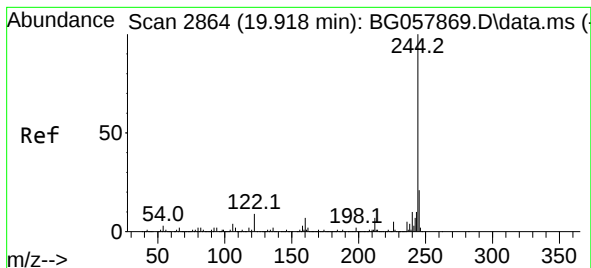
Tgt Ion:188 Resp: 341352
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.8 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057915.D
Acq: 29 Jun 2023 22:20

Tgt Ion:240 Resp: 282256
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.1 21.9 32.9





#79

Terphenyl-d14

Concen: 59.820 ng

RT: 19.908 min Scan# 2863

Delta R.T. -0.009 min

Lab File: BG057915.D

Acq: 29 Jun 2023 22:20

Instrument :

BNA_G

ClientSampleId :

CF-29

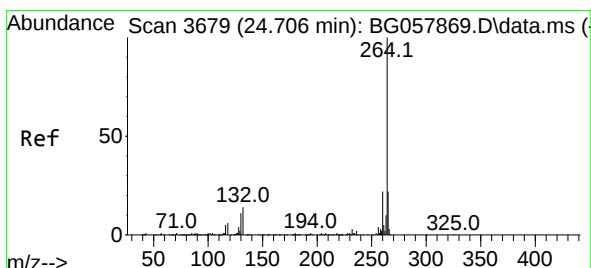
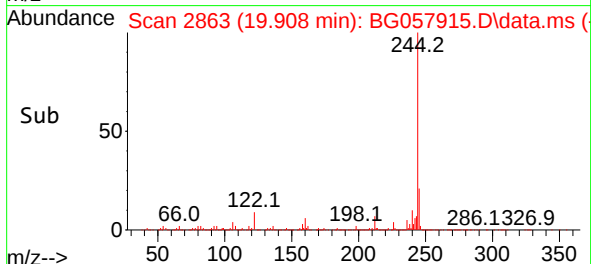
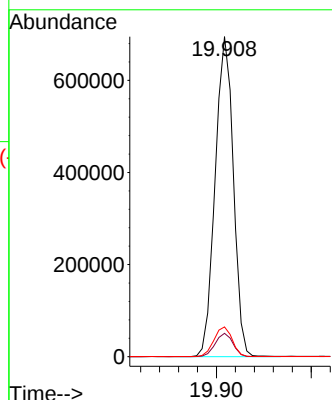
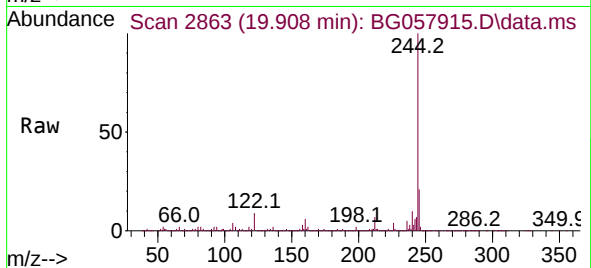
Tgt Ion:244 Resp: 926148

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.703 min Scan# 3679

Delta R.T. -0.003 min

Lab File: BG057915.D

Acq: 29 Jun 2023 22:20

Tgt Ion:264 Resp: 346866

Ion Ratio Lower Upper

264 100

260 24.4 17.8 26.8

265 22.2 17.3 25.9

