

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057704.D
 Acq On : 14 Jun 2023 12:19
 Operator : CG/JU
 Sample : 03156-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1

Quant Time: Jun 15 01:20:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	34281	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	139835	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	91842	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	221293	20.000	ng	0.00
76) Chrysene-d12	21.568	240	187179	20.000	ng	0.00
86) Perylene-d12	24.723	264	219911	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	138569	65.818	ng	0.00
7) Phenol-d6	7.091	99	228687	70.707	ng	0.00
23) Nitrobenzene-d5	9.101	82	124185	60.235	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	46639	45.517	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	335922	54.520	ng	0.00
79) Terphenyl-d14	19.929	244	566420	55.948	ng	0.00

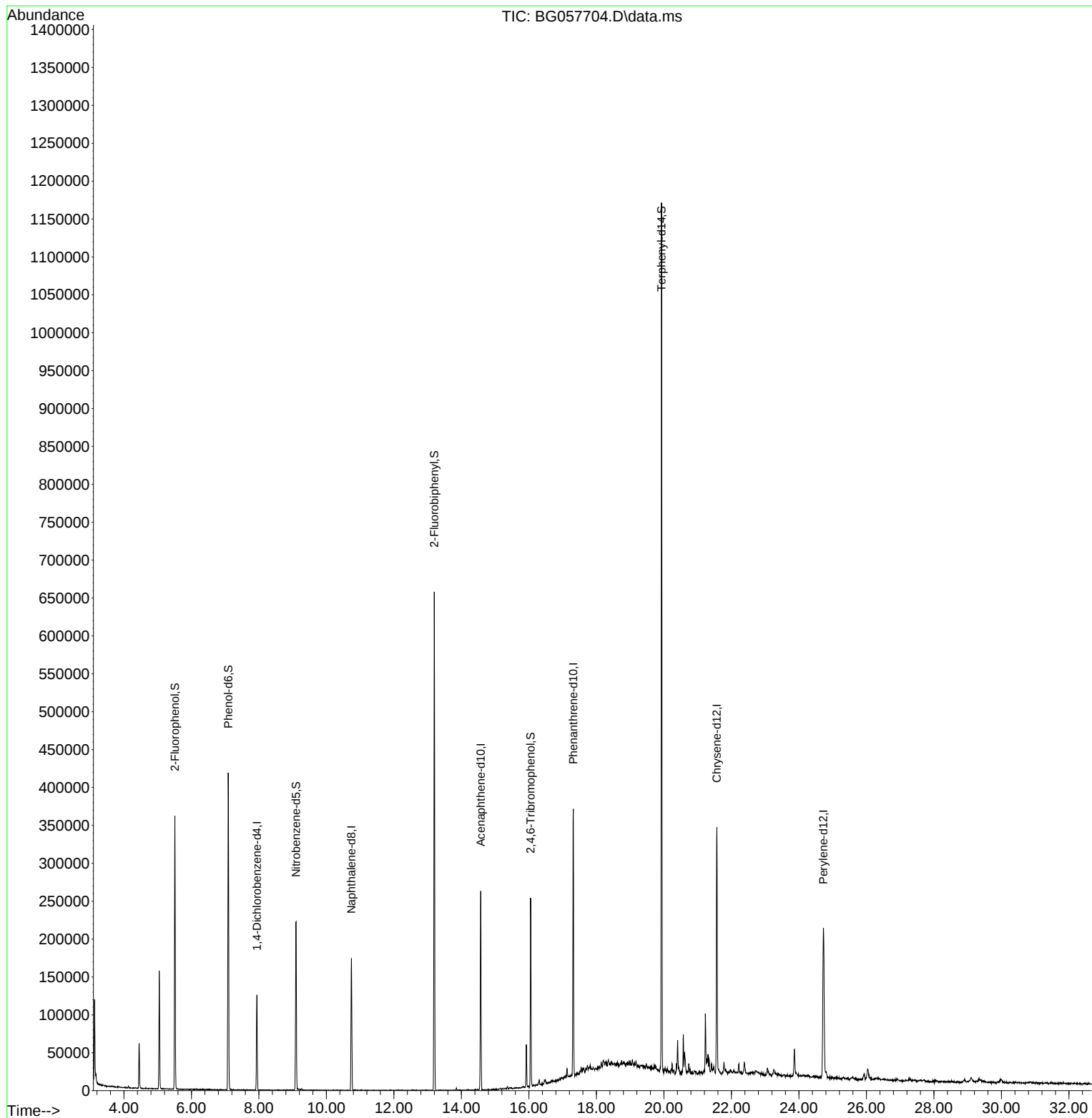
Target Compounds	Qvalue

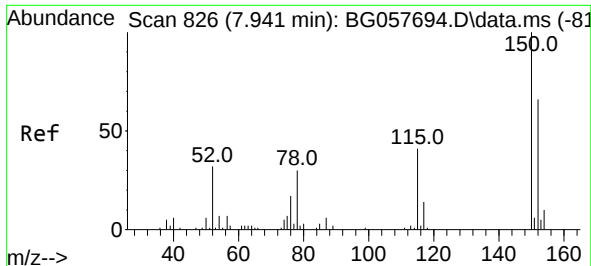
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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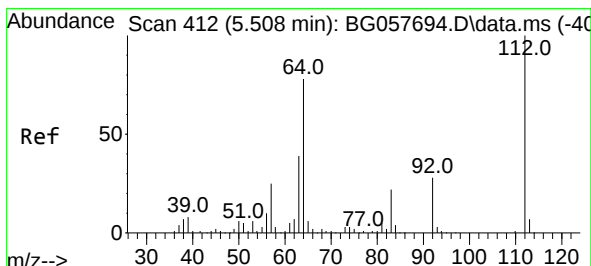
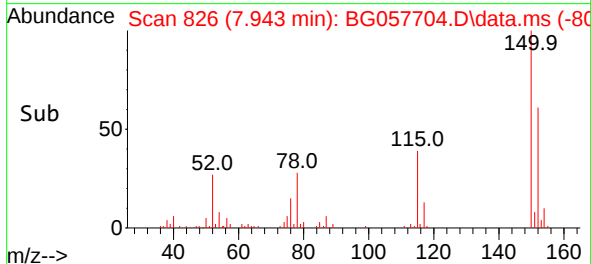
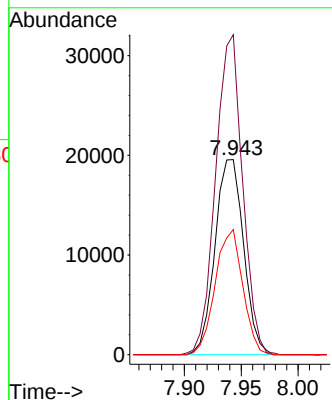
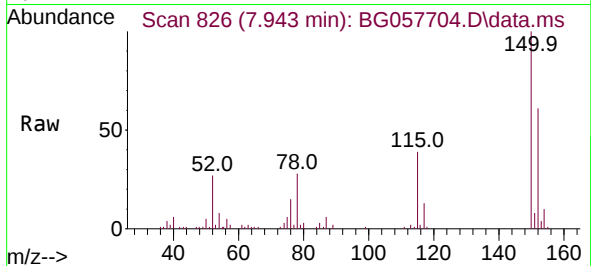




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

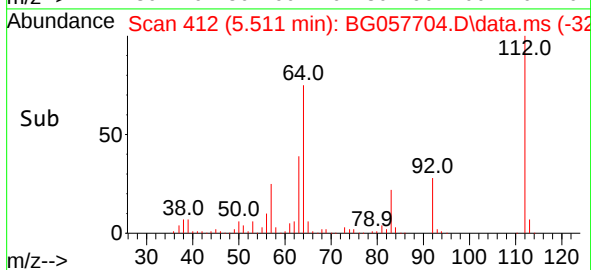
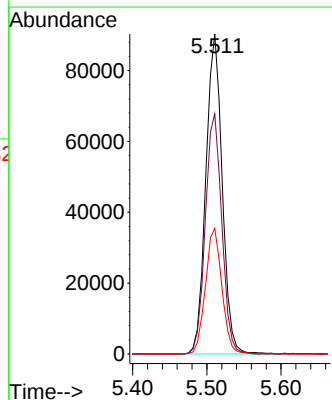
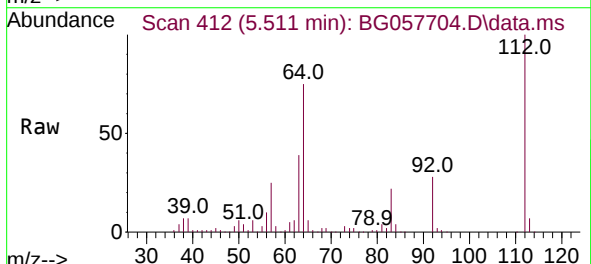
Instrument :
BNA_G
ClientSampleId :
CONC-1

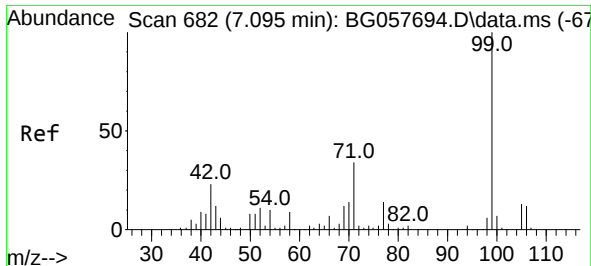
Tgt Ion:152 Resp: 34281
Ion Ratio Lower Upper
152 100
150 164.1 120.8 181.2
115 64.1 49.4 74.2



#5
2-Fluorophenol
Concen: 65.818 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion:112 Resp: 138569
Ion Ratio Lower Upper
112 100
64 75.1 62.3 93.5
63 39.2 31.5 47.3

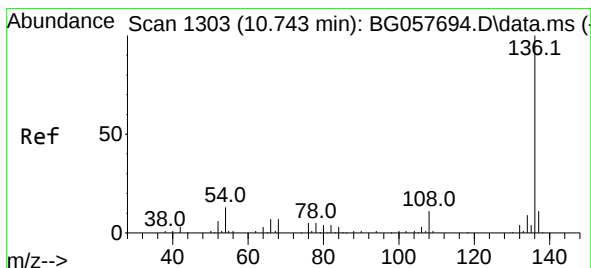
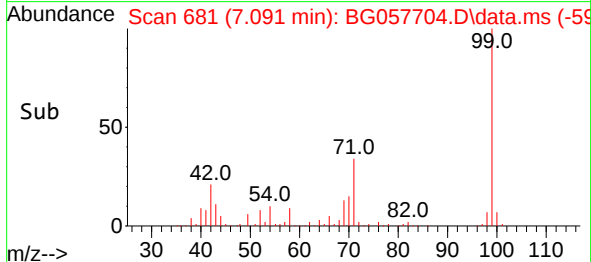
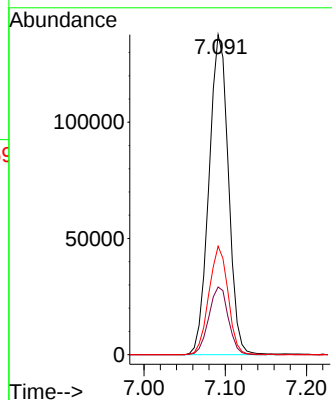
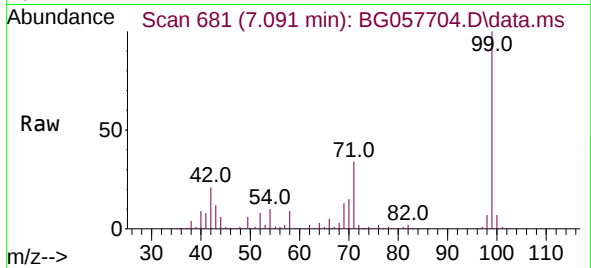




#7
Phenol-d6
Concen: 70.707 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

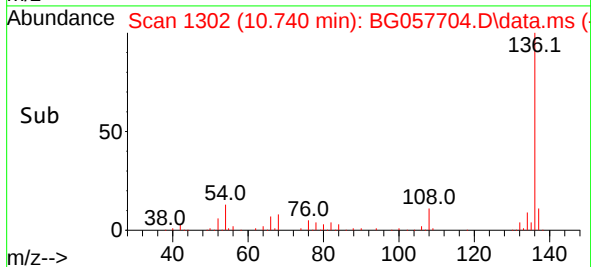
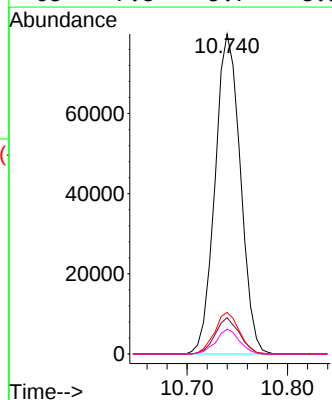
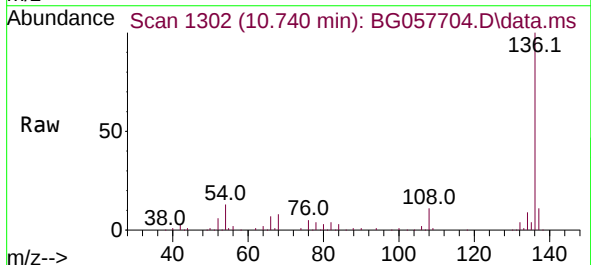
Instrument :
BNA_G
ClientSampleId :
CONC-1

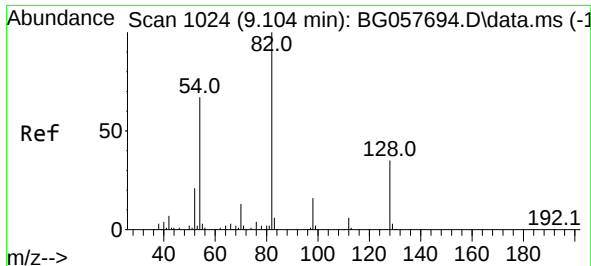
Tgt Ion: 99 Resp: 228687
Ion Ratio Lower Upper
99 100
42 21.2 18.3 27.5
71 33.9 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion: 136 Resp: 139835
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 13.0 10.8 16.2
68 7.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 60.235 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.003 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

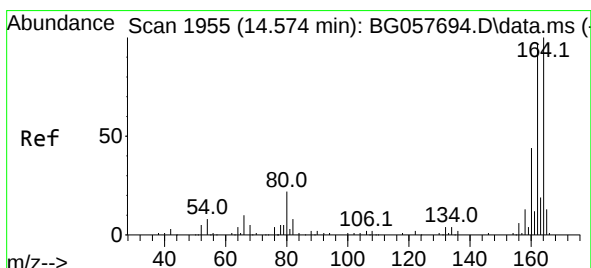
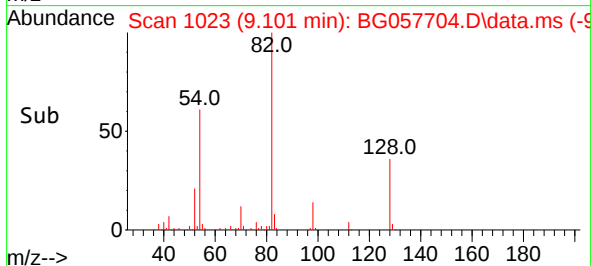
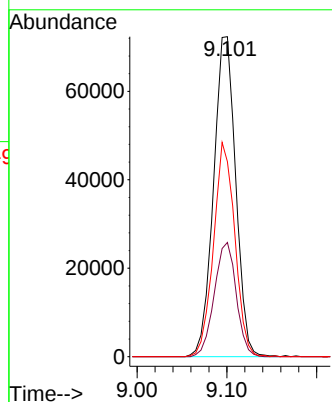
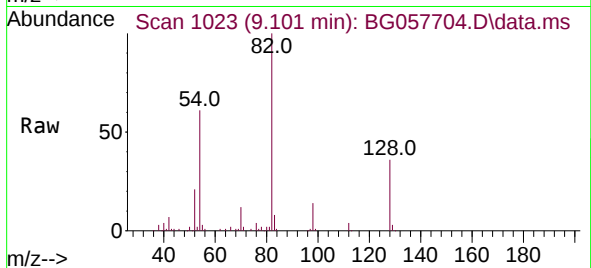
Tgt Ion: 82 Resp: 124185

Ion Ratio Lower Upper

82 100

128 35.7 27.7 41.5

54 61.0 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

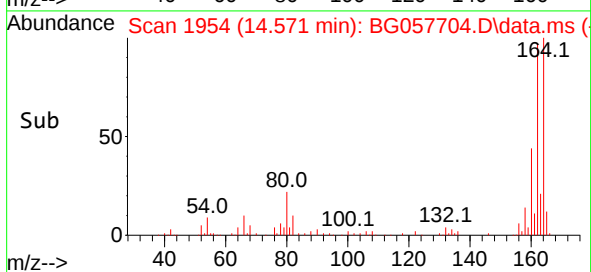
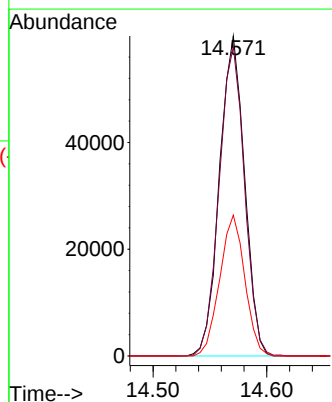
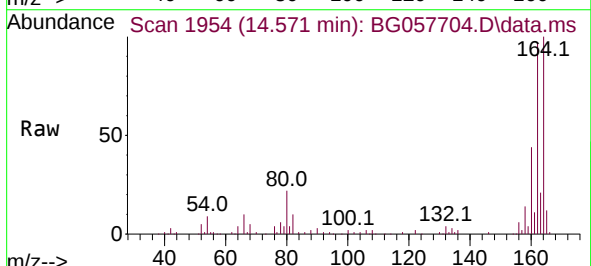
Tgt Ion:164 Resp: 91842

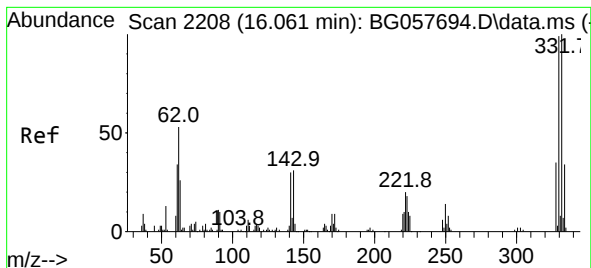
Ion Ratio Lower Upper

164 100

162 96.7 77.7 116.5

160 44.0 35.1 52.7

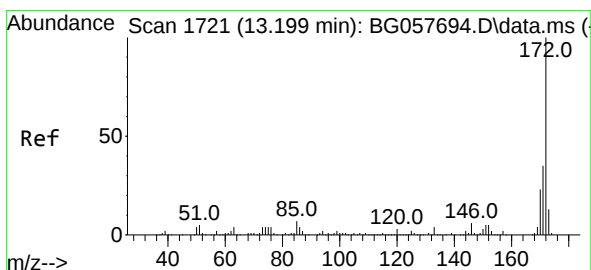
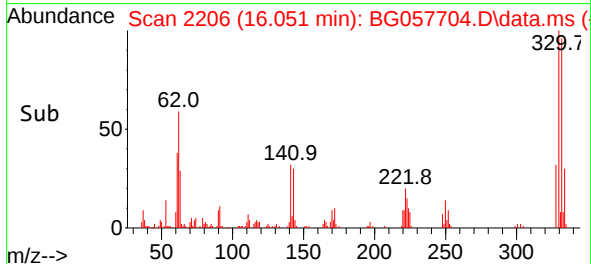
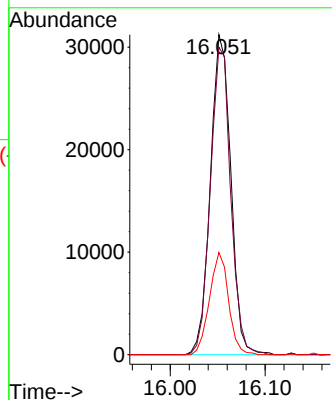
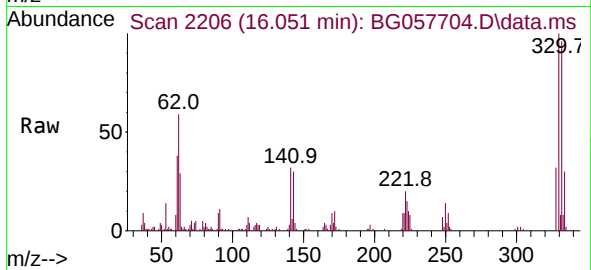




#42
2,4,6-Tribromophenol
Concen: 45.517 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

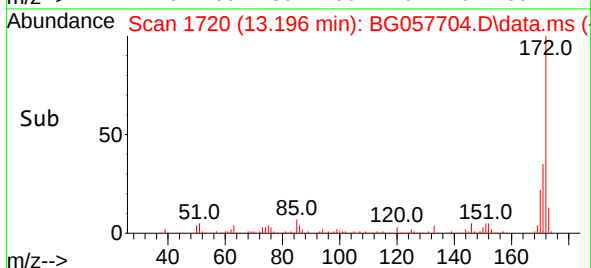
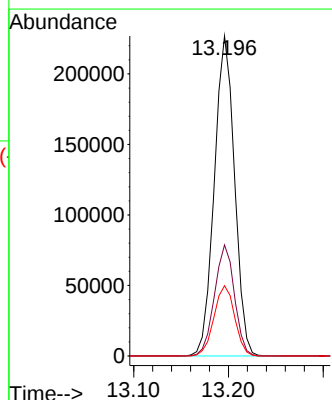
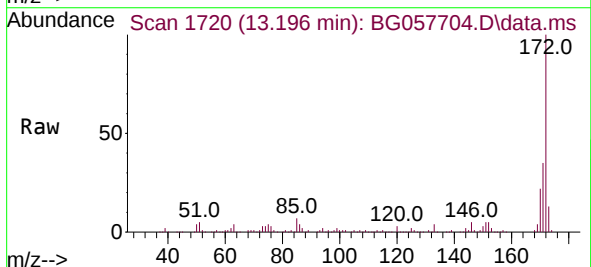
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BNA_G
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CONC-1

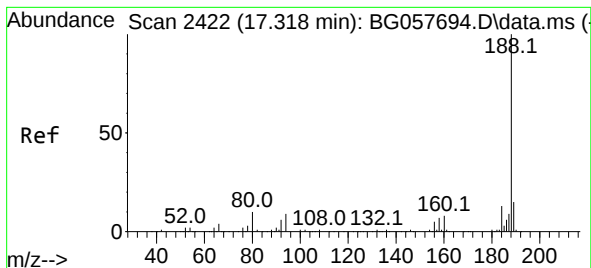
Tgt Ion:330 Resp: 46639
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.6
141 29.8 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 54.520 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion:172 Resp: 335922
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 21.9 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

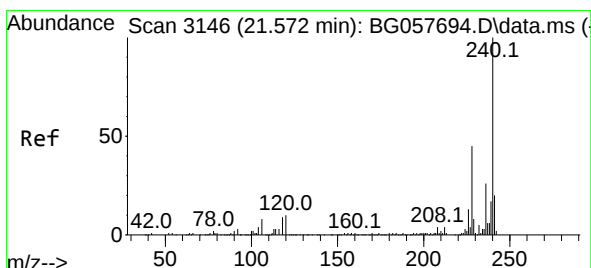
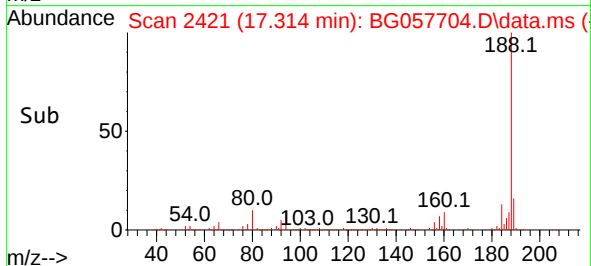
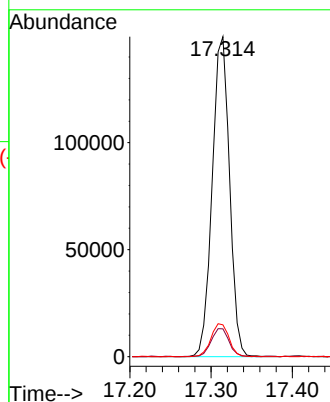
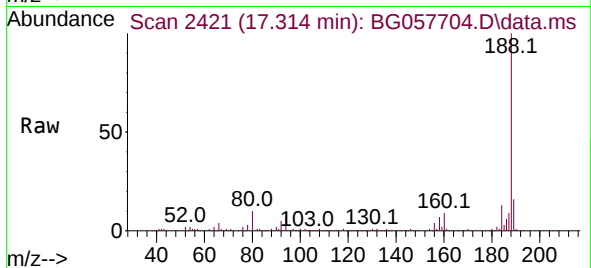
Tgt Ion:188 Resp: 221293

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

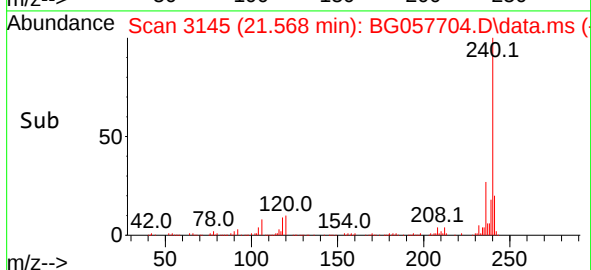
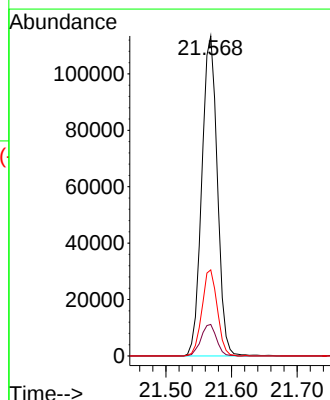
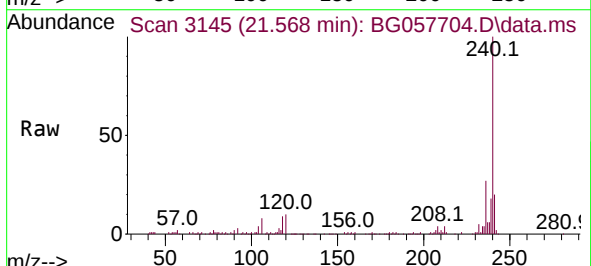
Tgt Ion:240 Resp: 187179

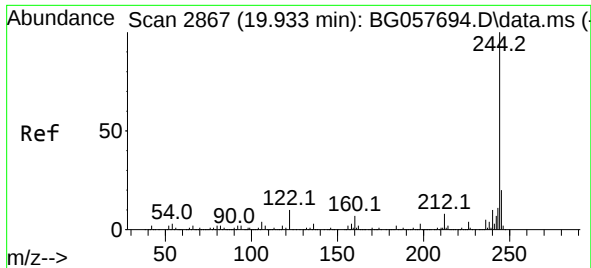
Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 26.9 20.7 31.1

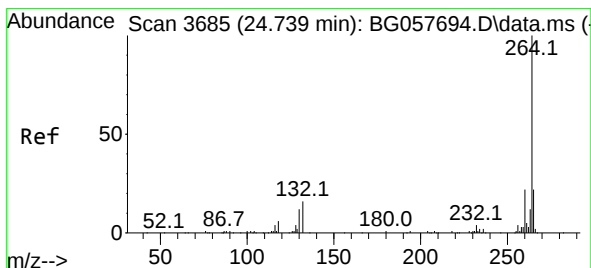
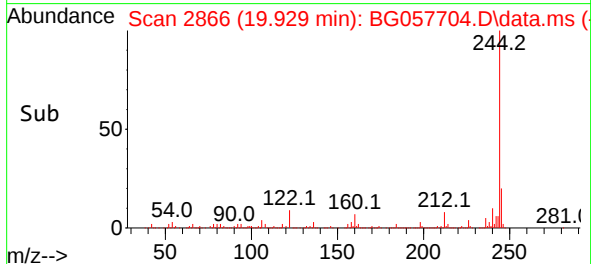
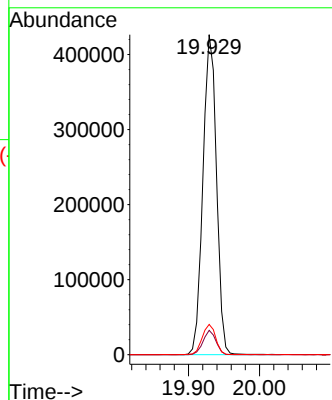
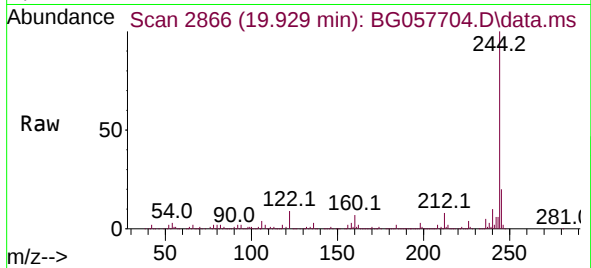




#79
 Terphenyl-d14
 Concen: 55.948 ng
 RT: 19.929 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057704.D
 Acq: 14 Jun 2023 12:19

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1

Tgt Ion:244 Resp: 566420
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.723 min Scan# 3682
 Delta R.T. -0.015 min
 Lab File: BG057704.D
 Acq: 14 Jun 2023 12:19

Tgt Ion:264 Resp: 219911
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.3 25.9
 265 21.5 17.5 26.3

