

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057805.D
 Acq On : 22 Jun 2023 11:39
 Operator : CG/JU
 Sample : 03290-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Jun 22 13:30:40 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	7.921	152	29048	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	130735	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	98357	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	256401	20.000	ng	0.00
76) Chrysene-d12	21.546	240	228680	20.000	ng	-0.01
86) Perylene-d12	24.701	264	276543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.488	112	217696	115.556	ng	0.00
7) Phenol-d6	7.080	99	330121	114.843	ng	0.00
23) Nitrobenzene-d5	9.078	82	188277	73.913	ng	-0.01
42) 2,4,6-Tribromophenol	16.041	330	158532	115.708	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	457101	70.489	ng	0.00
79) Terphenyl-d14	19.918	244	862136	70.299	ng	0.00

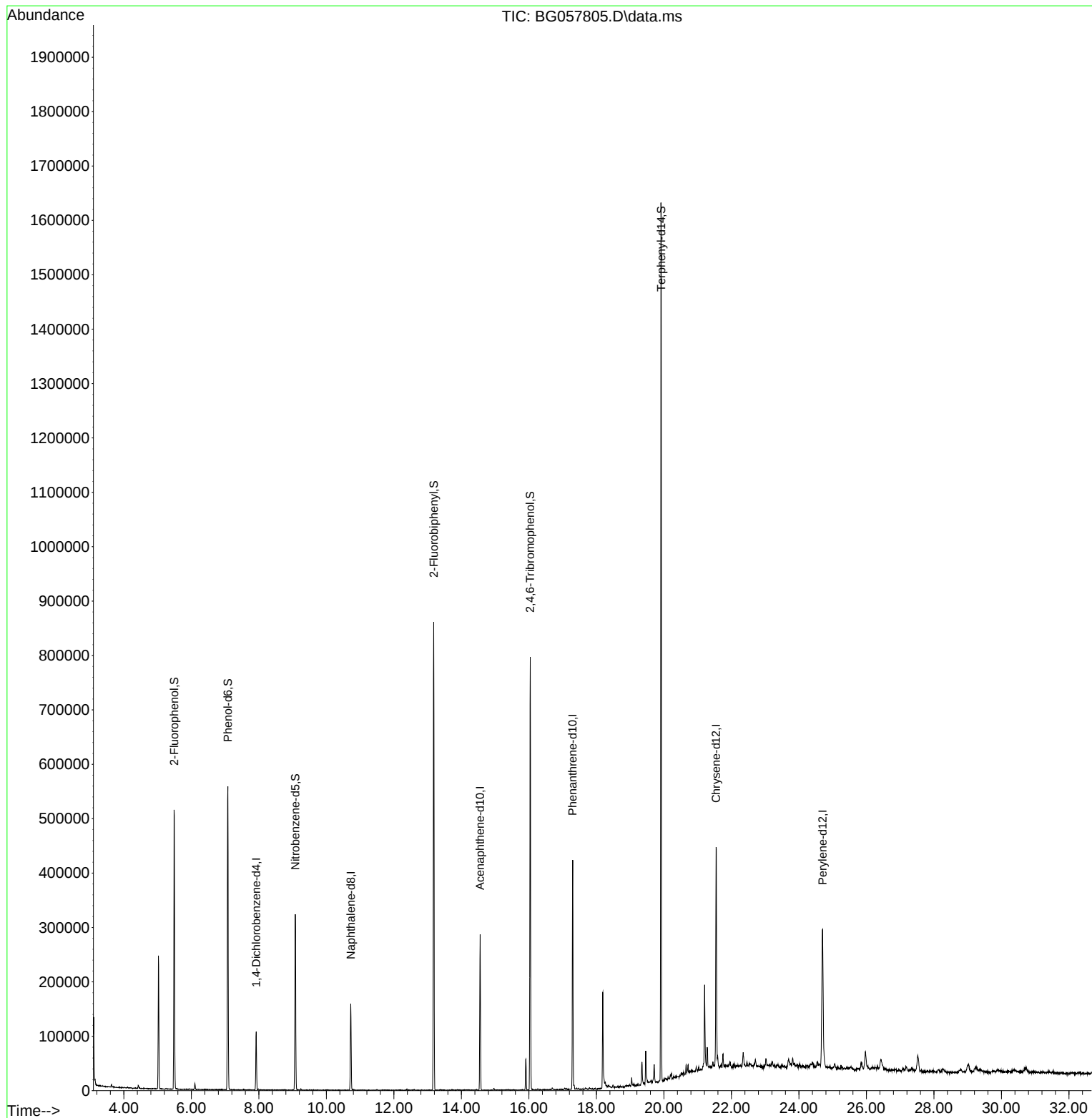
Target Compounds	Qvalue

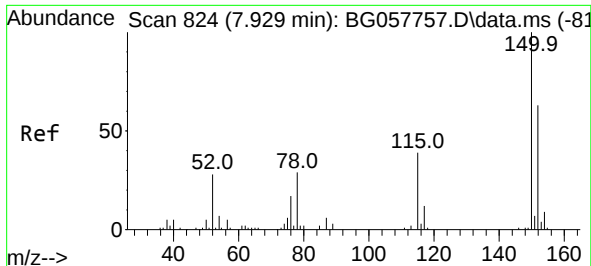
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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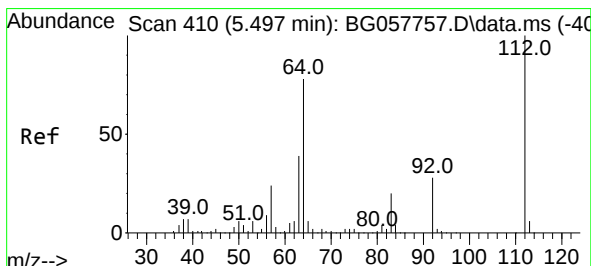
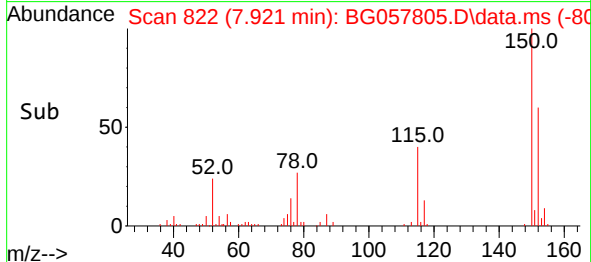
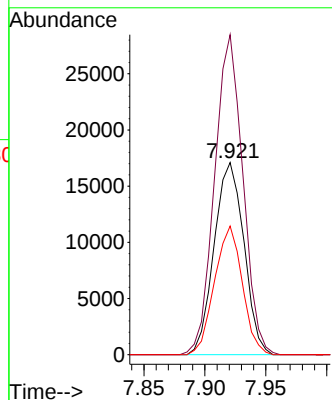
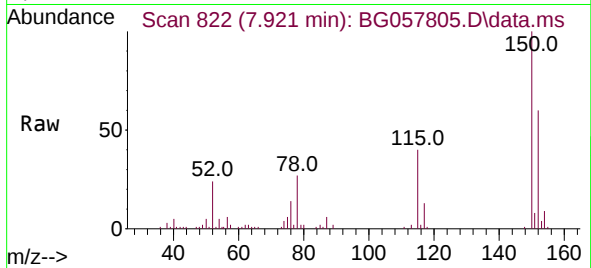




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

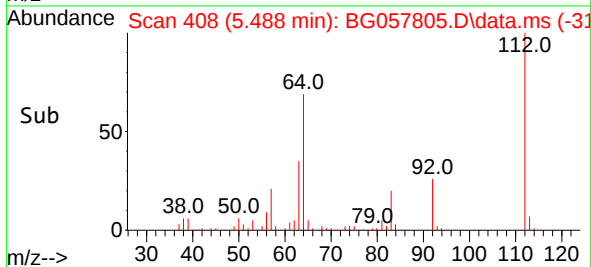
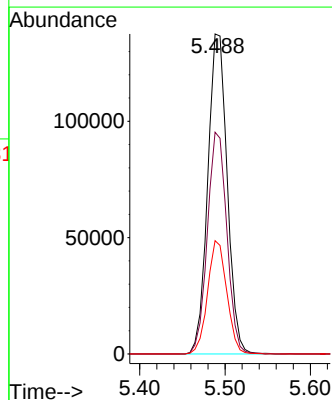
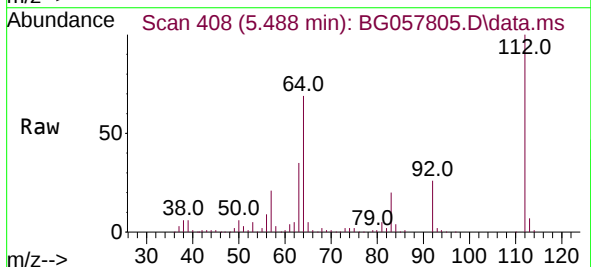
Instrument :
BNA_G
ClientSampleId :
SB-2

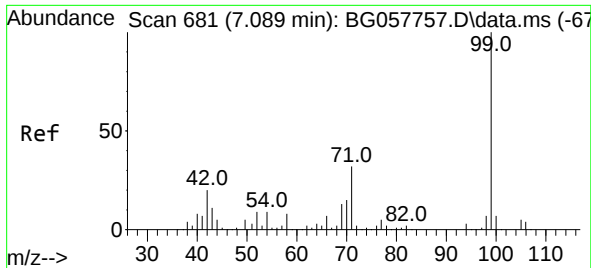
Tgt Ion:152 Resp: 29048
Ion Ratio Lower Upper
152 100
150 166.6 126.6 189.8
115 66.9 48.9 73.3



#5
2-Fluorophenol
Concen: 115.556 ng
RT: 5.488 min Scan# 408
Delta R.T. -0.009 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

Tgt Ion:112 Resp: 217696
Ion Ratio Lower Upper
112 100
64 69.3 62.1 93.1
63 35.4 31.5 47.3

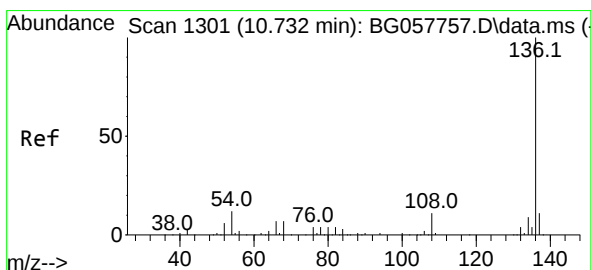
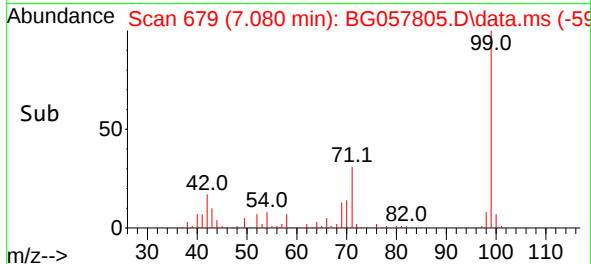
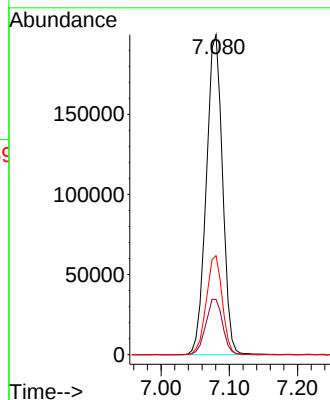
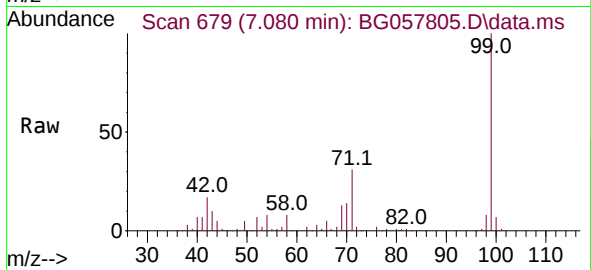




#7
Phenol-d6
Concen: 114.843 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

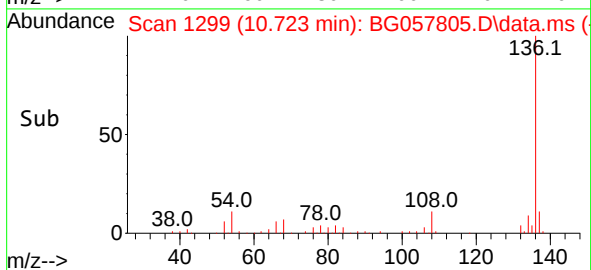
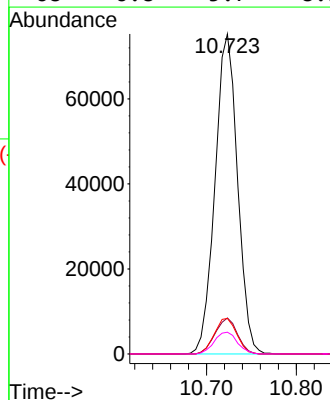
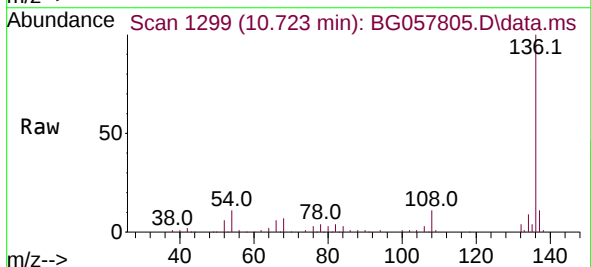
Instrument :
BNA_G
ClientSampleId :
SB-2

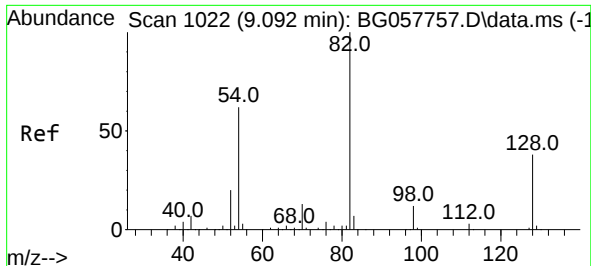
Tgt Ion: 99	Resp: 330121
Ion Ratio	Lower Upper
99 100	
42 17.3	16.4 24.6
71 31.0	25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

Tgt	Ion:136	Resp:	130735
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.1	9.5	14.3
68	6.8	5.7	8.5





#23

Nitrobenzene-d5

Concen: 73.913 ng

RT: 9.078 min Scan# 1019

Delta R.T. -0.014 min

Lab File: BG057805.D

Acq: 22 Jun 2023 11:39

Instrument :

BNA_G

ClientSampleId :

SB-2

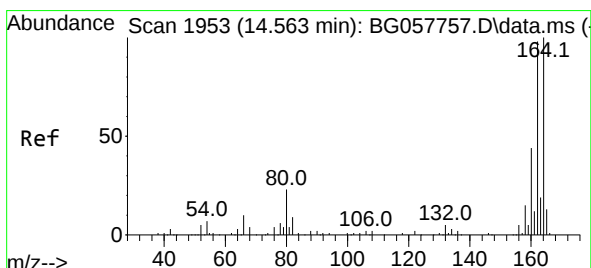
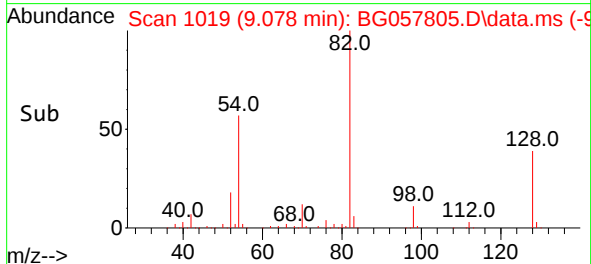
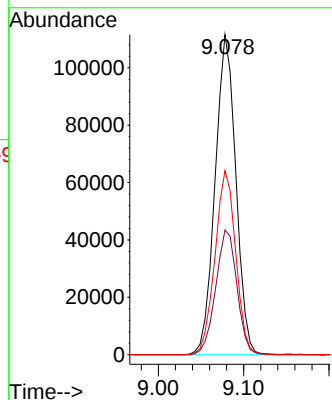
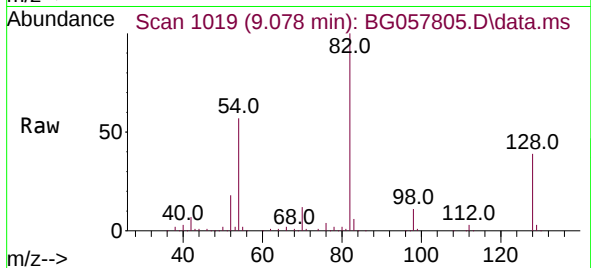
Tgt Ion: 82 Resp: 188277

Ion Ratio Lower Upper

82 100

128 38.9 30.7 46.1

54 57.5 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BG057805.D

Acq: 22 Jun 2023 11:39

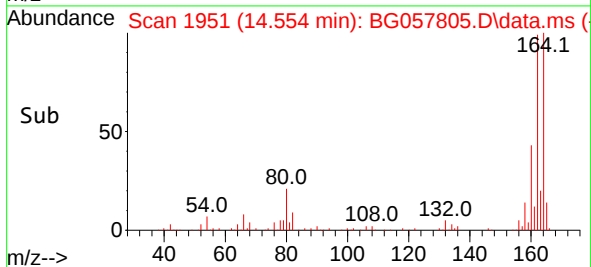
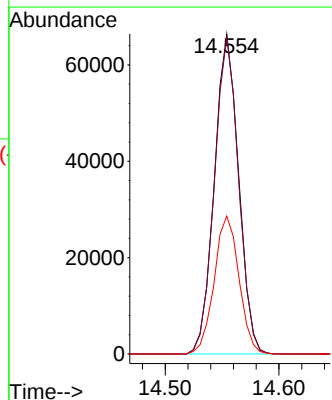
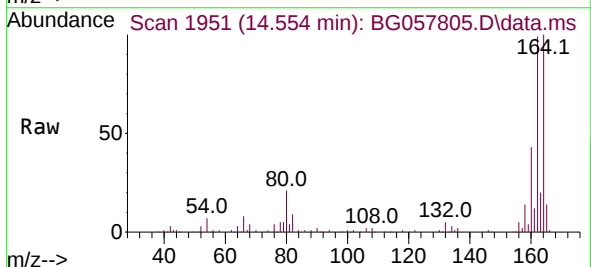
Tgt Ion:164 Resp: 98357

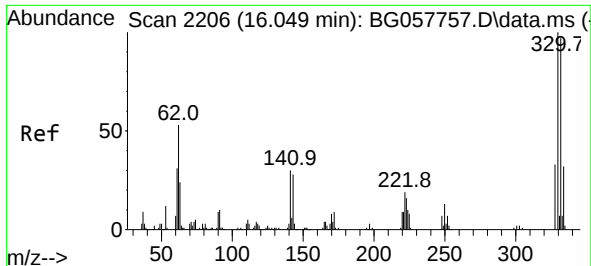
Ion Ratio Lower Upper

164 100

162 99.0 78.3 117.5

160 43.1 35.4 53.0

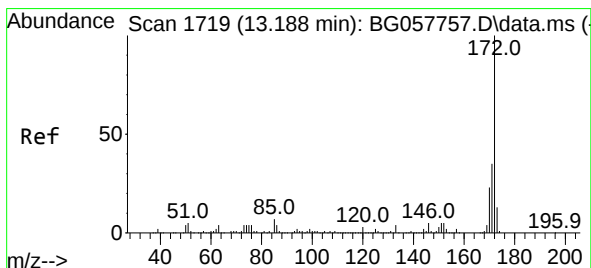
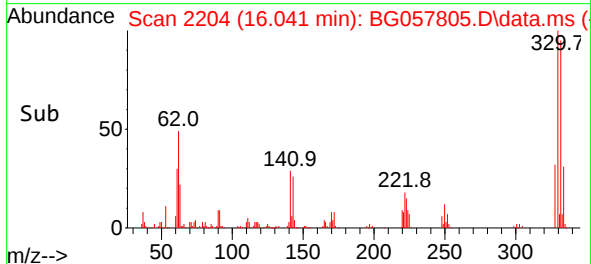
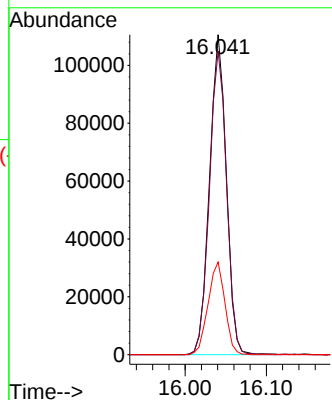
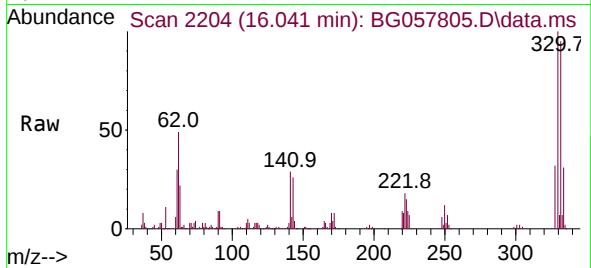




#42
2,4,6-Tribromophenol
Concen: 115.708 ng
RT: 16.041 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

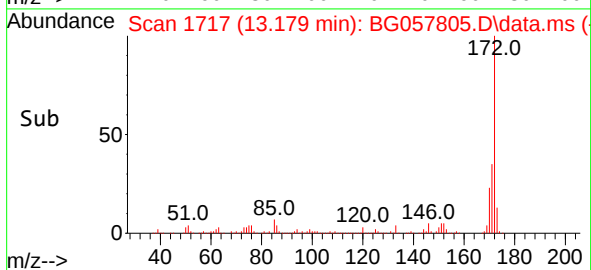
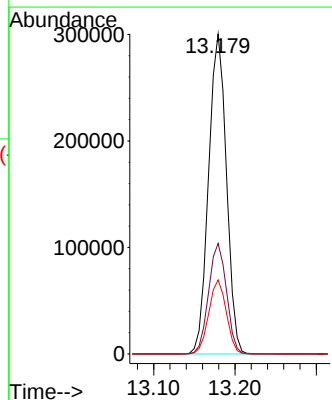
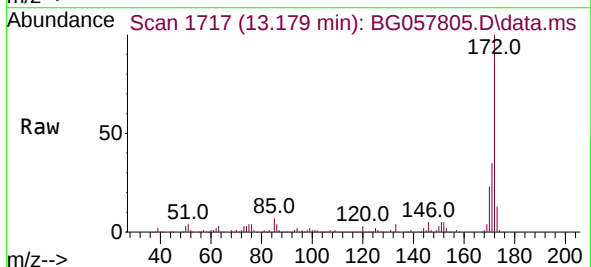
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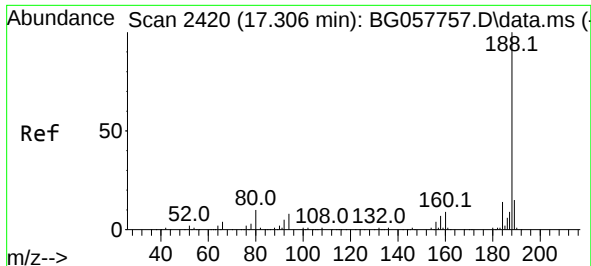
Tgt Ion:330 Resp: 158532
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 29.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 70.489 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

Tgt Ion:172 Resp: 457101
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.1 18.6 27.8

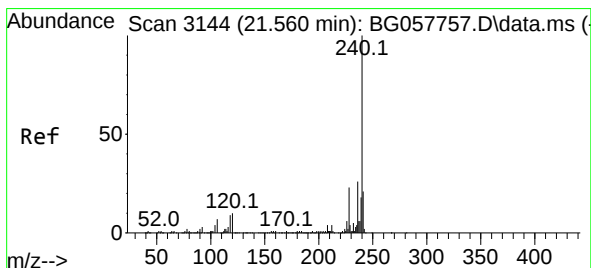
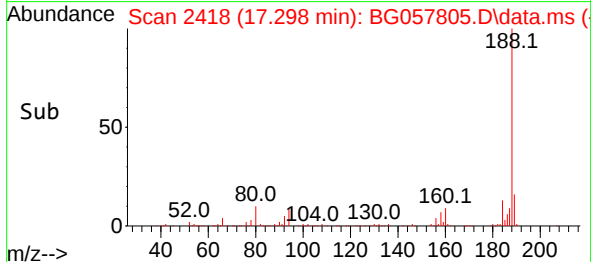
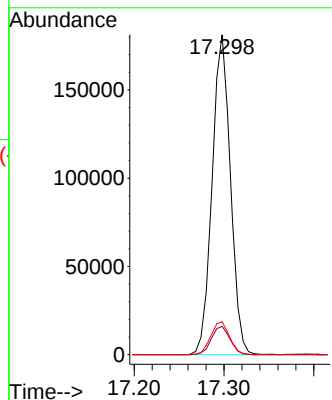
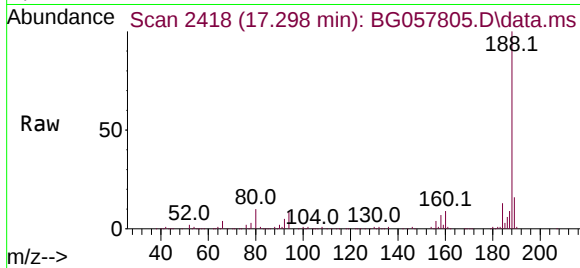




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

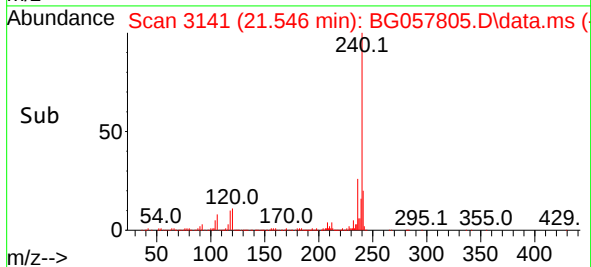
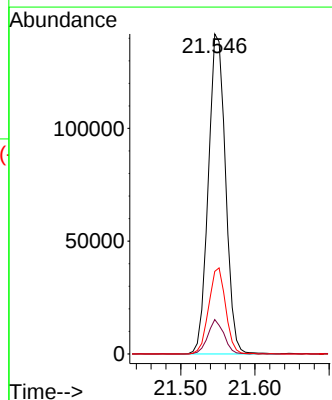
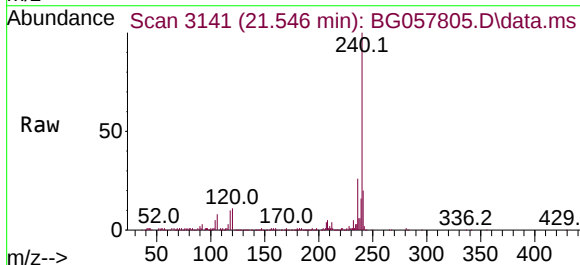
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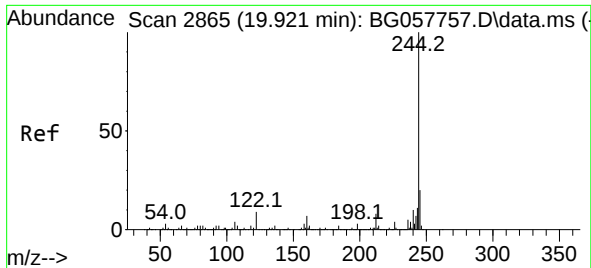
Tgt Ion:188 Resp: 256401
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 10.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.546 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057805.D
Acq: 22 Jun 2023 11:39

Tgt Ion:240 Resp: 228680
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.8 20.6 30.8

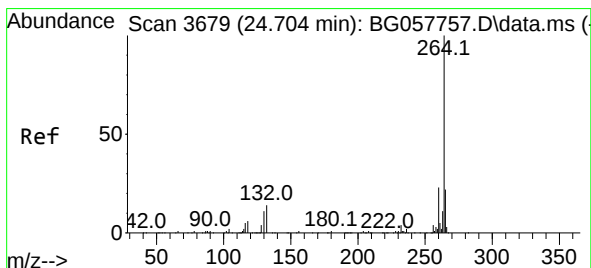
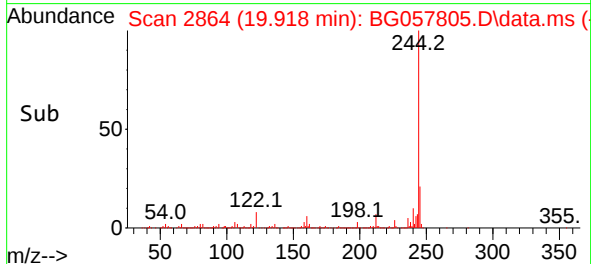
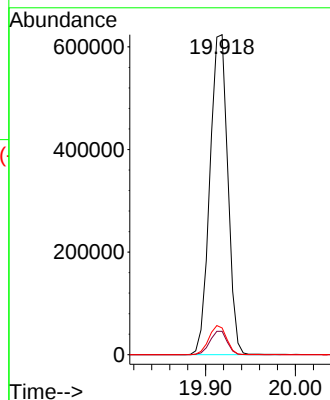
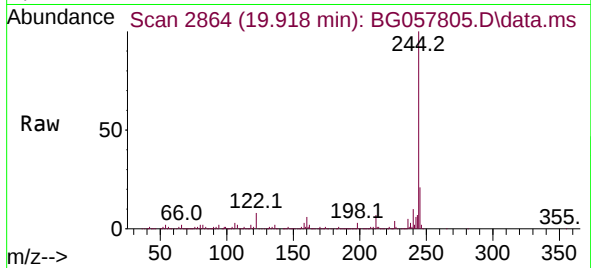




#79
 Terphenyl-d14
 Concen: 70.299 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057805.D
 Acq: 22 Jun 2023 11:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 862136
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.701 min Scan# 3678
 Delta R.T. -0.003 min
 Lab File: BG057805.D
 Acq: 22 Jun 2023 11:39

Tgt Ion:264 Resp: 276543
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.5 27.7
 265 21.2 17.4 26.2

