

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064190.D
 Acq On : 4 Apr 2025 6:47
 Operator : RC/JU
 Sample : Q1694-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18

Quant Time: Apr 04 07:26:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	27721	20.000	ng	-0.01
21) Naphthalene-d8	10.644	136	125195	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	96709	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	227945	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	237605	20.000	ng	-0.01
86) Perylene-d12	24.458	264	238801	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	265189	149.373	ng	0.00
7) Phenol-d6	7.025	99	329052	136.245	ng	0.00
23) Nitrobenzene-d5	9.011	82	274964	121.371	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	187839	174.736	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	675950	106.093	ng	-0.01
79) Terphenyl-d14	19.845	244	1294530	110.163	ng	0.00

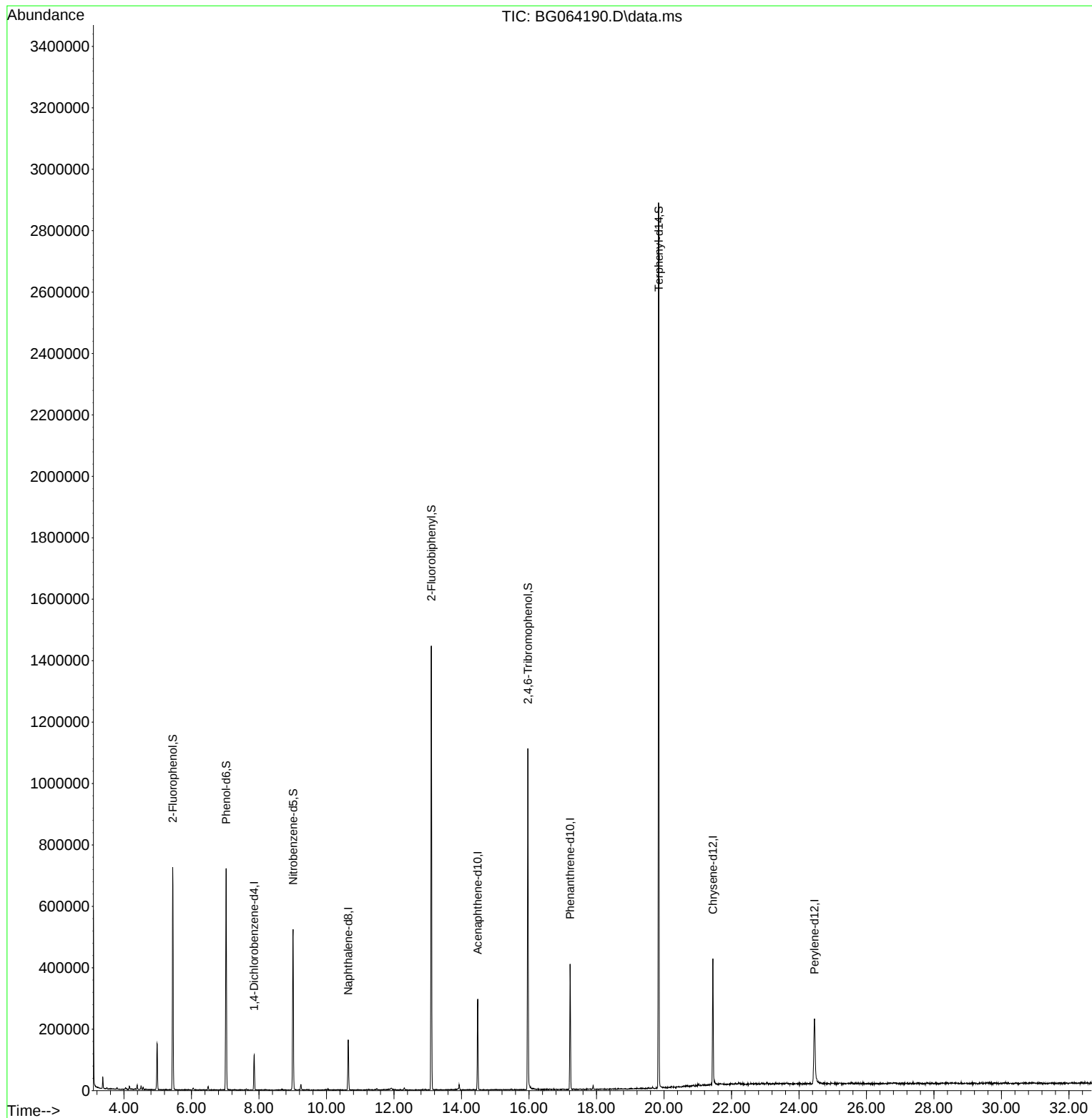
Target Compounds	Qvalue

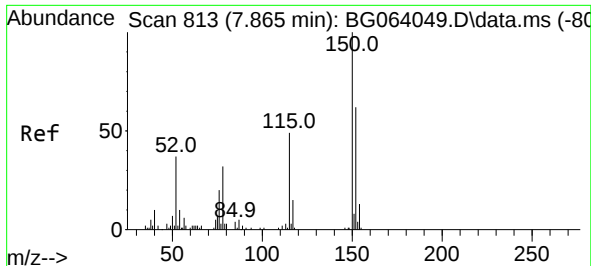
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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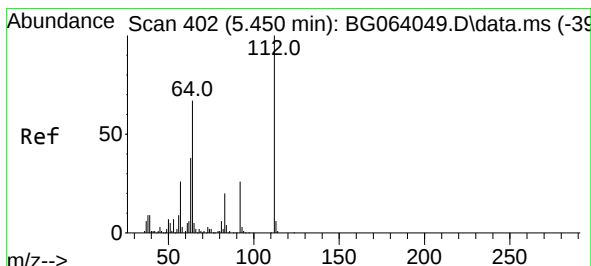
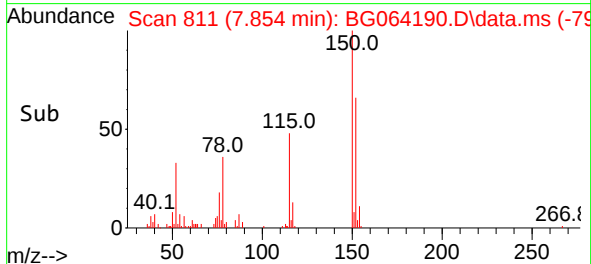
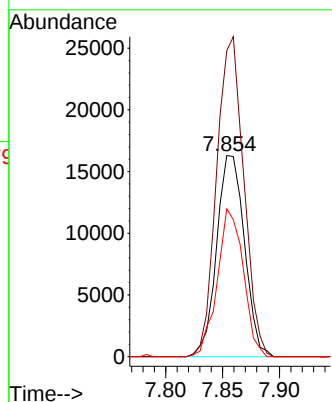
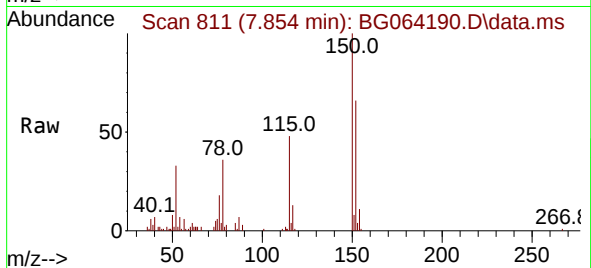




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 813
Delta R.T. -0.011 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

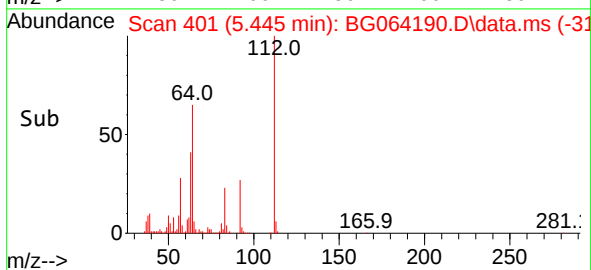
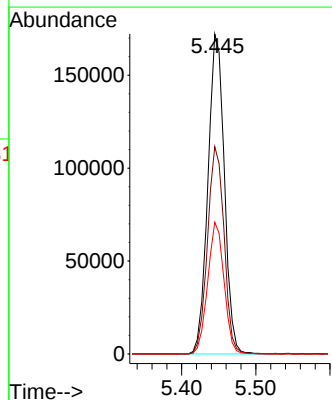
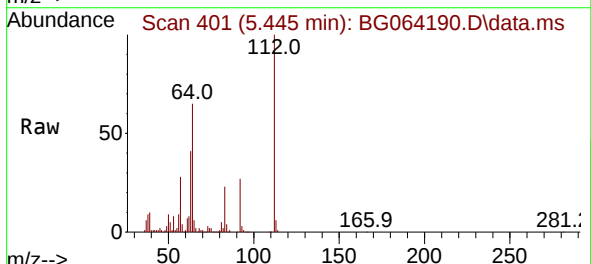
Instrument :
BNA_G
ClientSampleId :
TP-18

Tgt Ion:152 Resp: 27721
Ion Ratio Lower Upper
152 100
150 152.1 129.2 193.8
115 73.5 63.0 94.6



#5
2-Fluorophenol
Concen: 149.373 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion:112 Resp: 265189
Ion Ratio Lower Upper
112 100
64 64.8 53.7 80.5
63 41.1 30.2 45.4

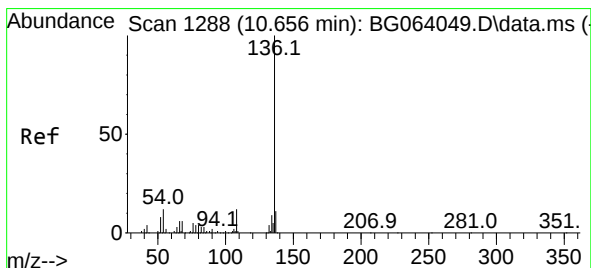
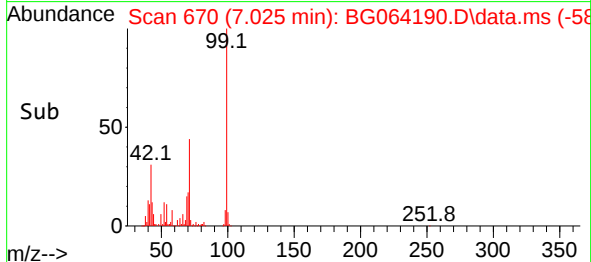
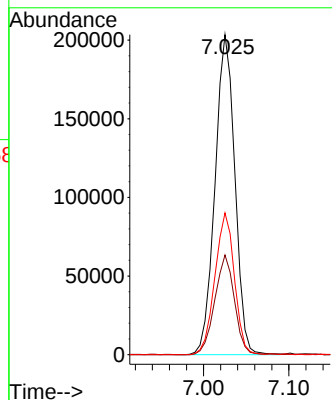
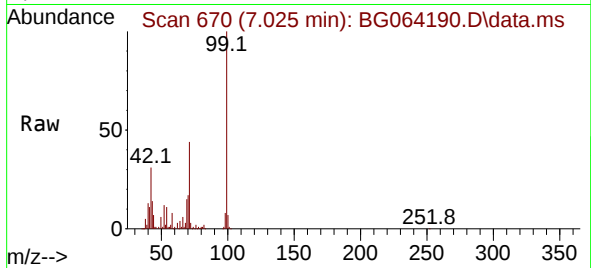




#7
Phenol-d6
Concen: 136.245 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

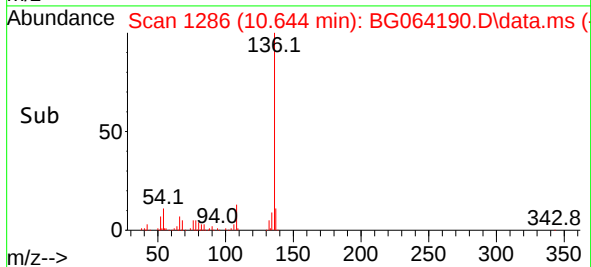
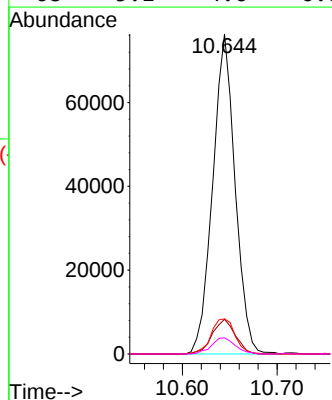
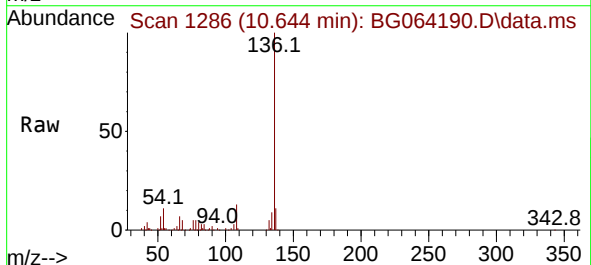
Instrument :
BNA_G
ClientSampleId :
TP-18

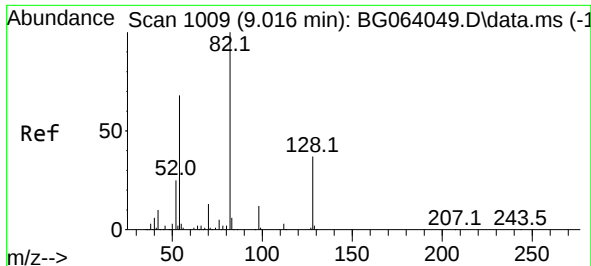
Tgt Ion: 99 Resp: 329052
Ion Ratio Lower Upper
99 100
42 31.2 22.7 34.1
71 44.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion: 136 Resp: 125195
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.0 9.9 14.9
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 121.371 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.005 min

Lab File: BG064190.D

Acq: 4 Apr 2025 6:47

Instrument :

BNA_G

ClientSampleId :

TP-18

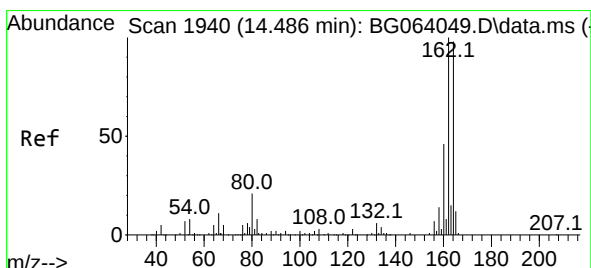
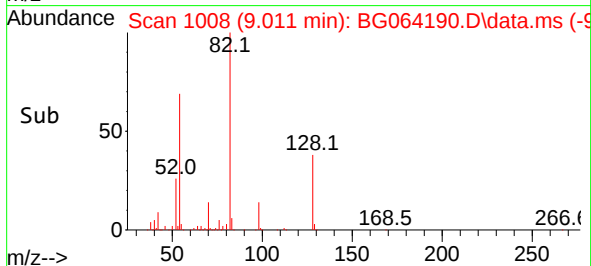
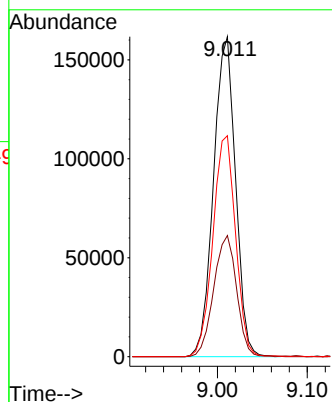
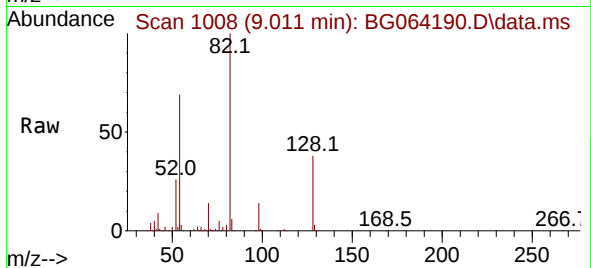
Tgt Ion: 82 Resp: 274964

Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 69.0 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BG064190.D

Acq: 4 Apr 2025 6:47

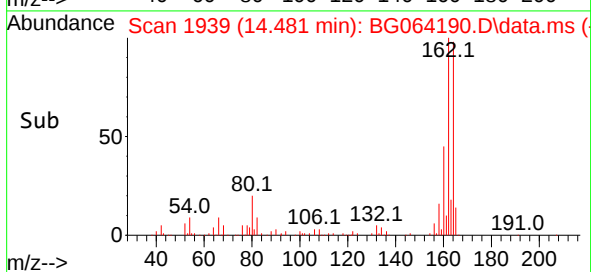
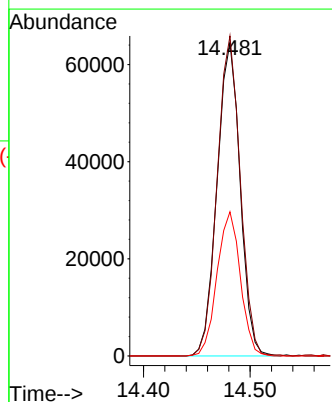
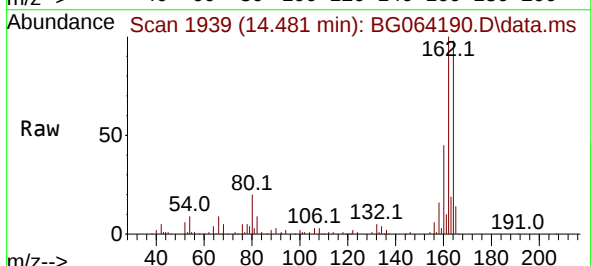
Tgt Ion: 164 Resp: 96709

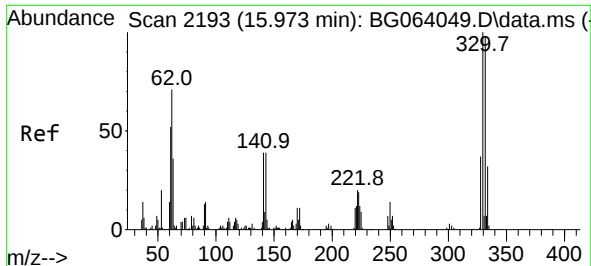
Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.0

160 46.0 37.0 55.6

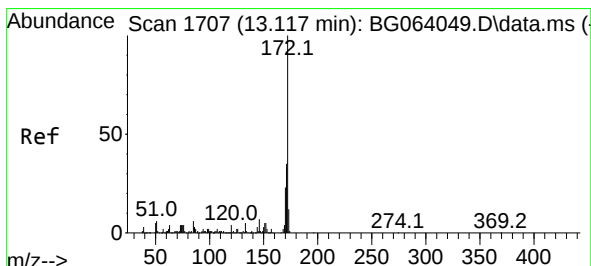
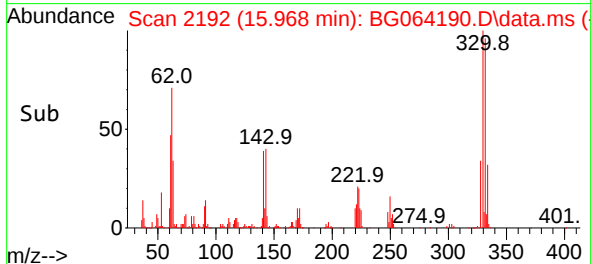
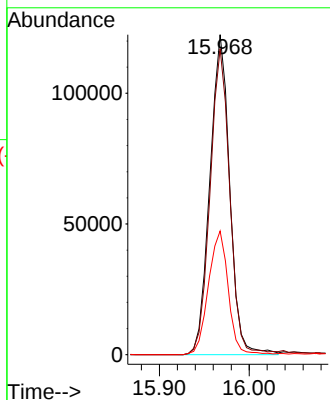
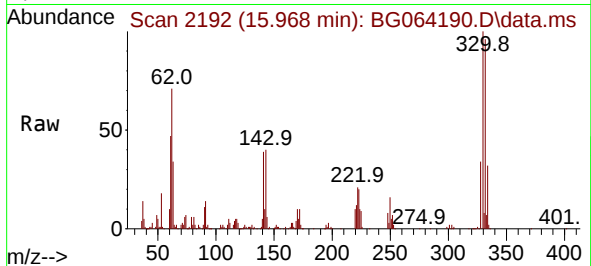




#42
2,4,6-Tribromophenol
Concen: 174.736 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

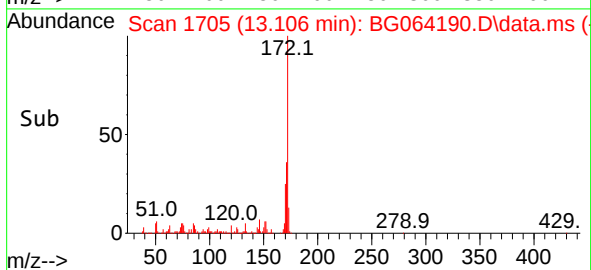
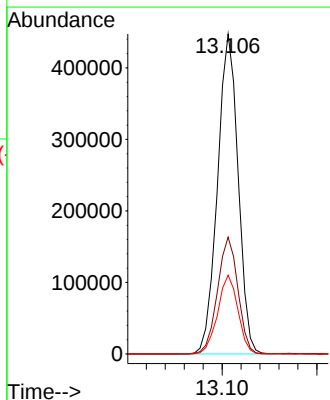
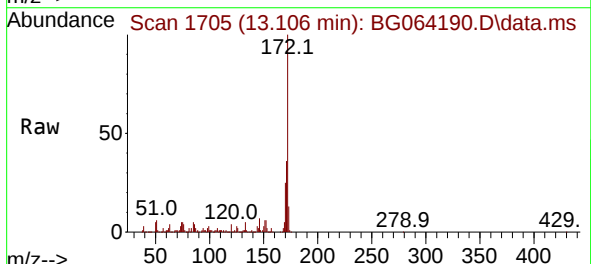
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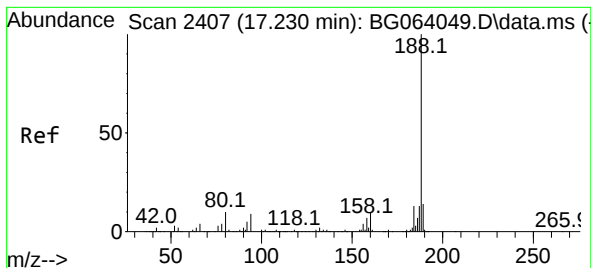
Tgt Ion:330 Resp: 187839
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 38.7 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 106.093 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064190.D
Acq: 4 Apr 2025 6:47

Tgt Ion:172 Resp: 675950
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.011 min

Lab File: BG064190.D

Acq: 4 Apr 2025 6:47

Instrument :

BNA_G

ClientSampleId :

TP-18

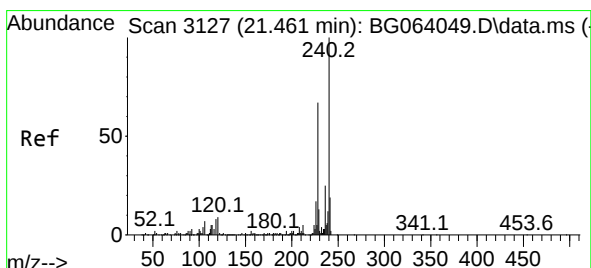
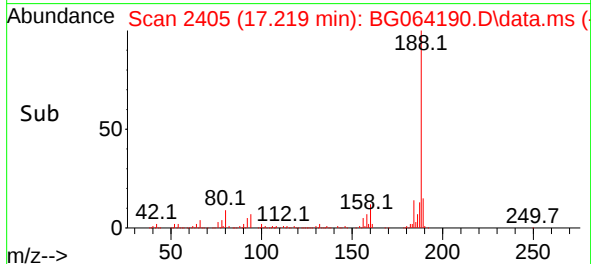
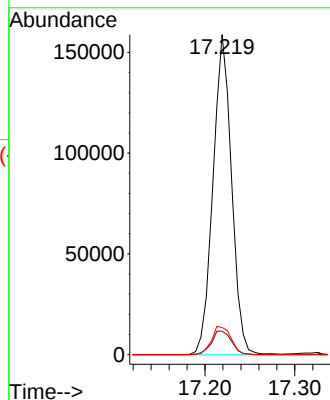
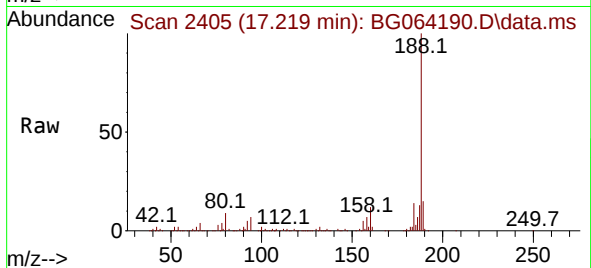
Tgt Ion:188 Resp: 227945

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

80 8.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.011 min

Lab File: BG064190.D

Acq: 4 Apr 2025 6:47

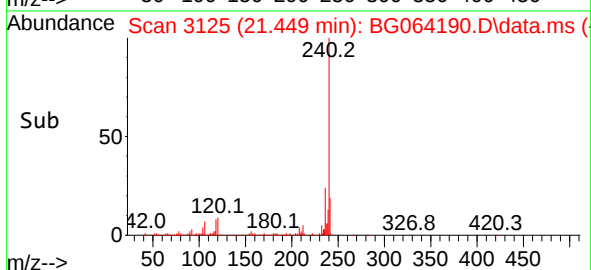
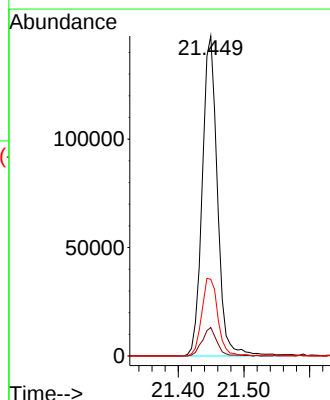
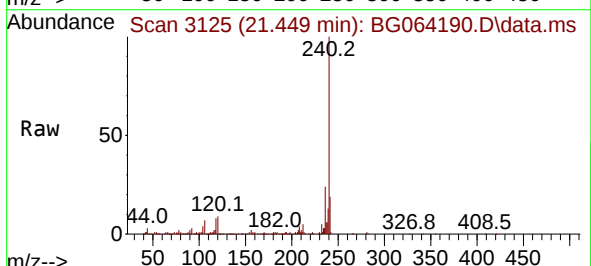
Tgt Ion:240 Resp: 237605

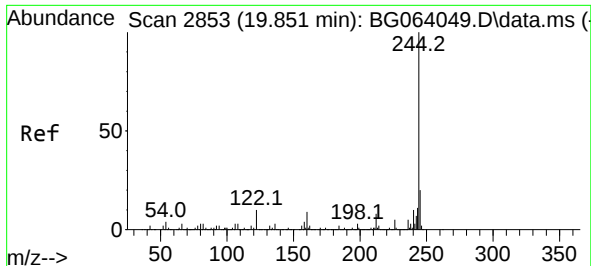
Ion Ratio Lower Upper

240 100

120 8.9 7.2 10.8

236 24.0 20.2 30.2

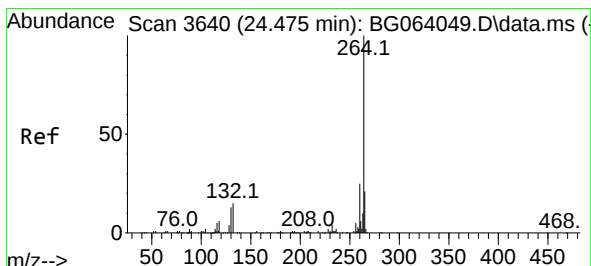
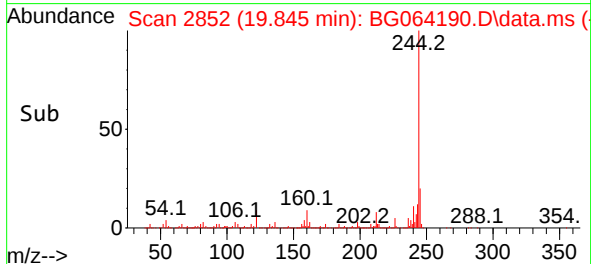
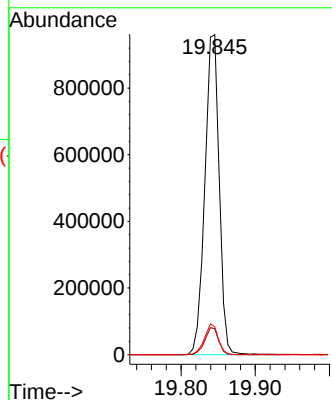
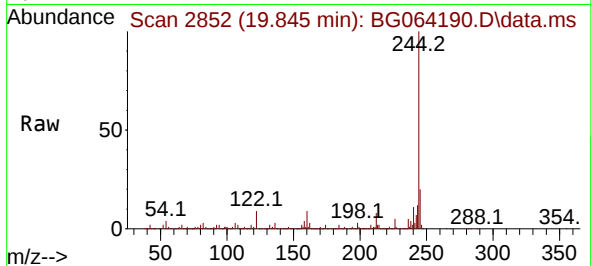




#79
 Terphenyl-d14
 Concen: 110.163 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064190.D
 Acq: 4 Apr 2025 6:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-18

Tgt Ion:244 Resp: 1294530
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 8.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.458 min Scan# 3637
 Delta R.T. -0.017 min
 Lab File: BG064190.D
 Acq: 4 Apr 2025 6:47

Tgt Ion:264 Resp: 238801
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.8 16.6 25.0

