

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064188.D
 Acq On : 4 Apr 2025 5:26
 Operator : RC/JU
 Sample : Q1693-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP-2

Quant Time: Apr 04 07:06:37 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	7.859	152	26830	20.000	ng	# 0.00
21) Naphthalene-d8	10.644	136	126961	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	99084	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	232185	20.000	ng	#-0.01
76) Chrysene-d12	21.449	240	226634	20.000	ng	-0.01
86) Perylene-d12	24.457	264	241436	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	227001	132.109	ng	0.00
7) Phenol-d6	7.025	99	276064	118.101	ng	0.00
23) Nitrobenzene-d5	9.011	82	260768	113.504	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	168314	152.820	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	650778	99.694	ng	-0.01
79) Terphenyl-d14	19.839	244	1233198	110.024	ng	-0.01

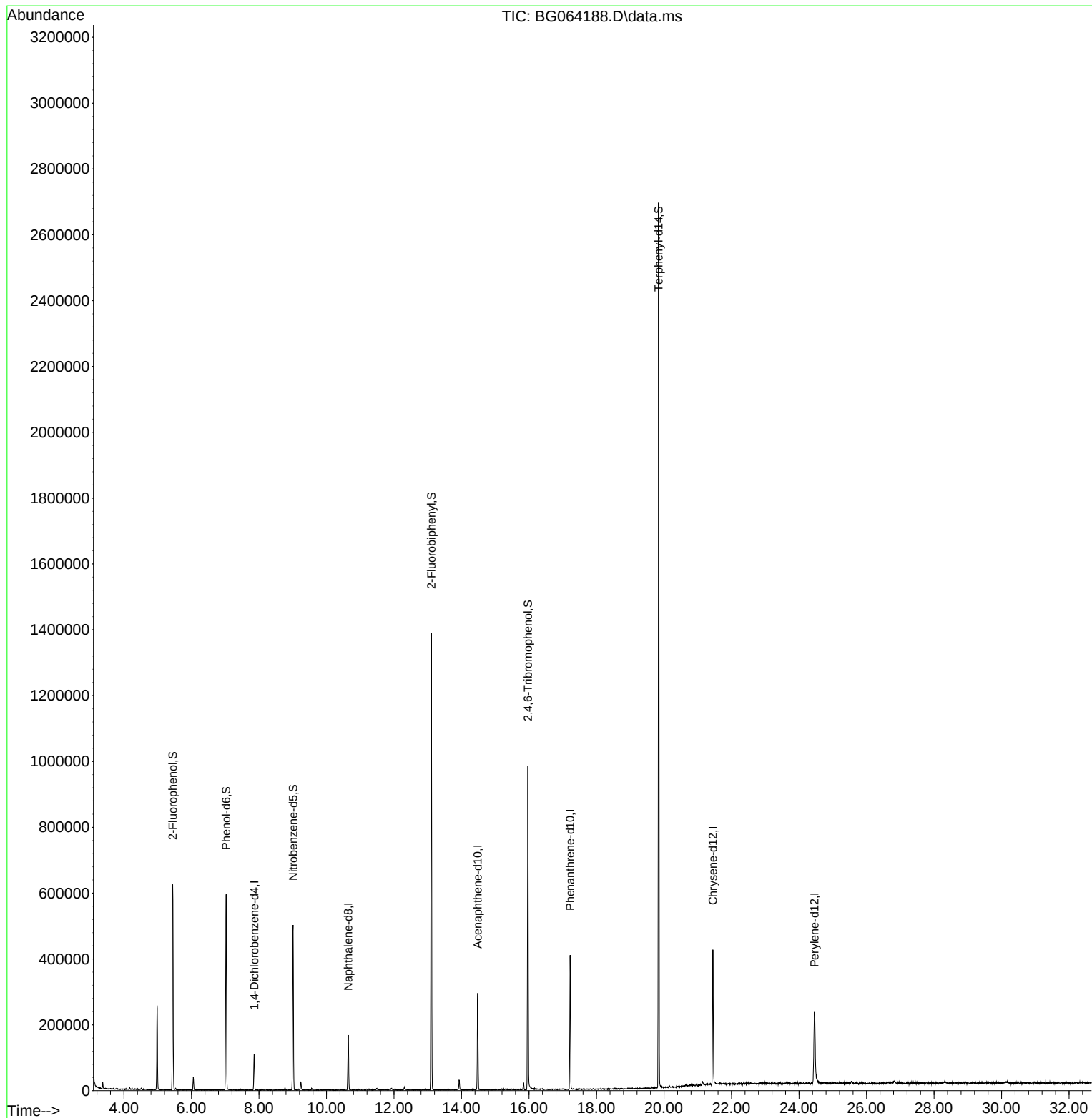
Target Compounds	Qvalue

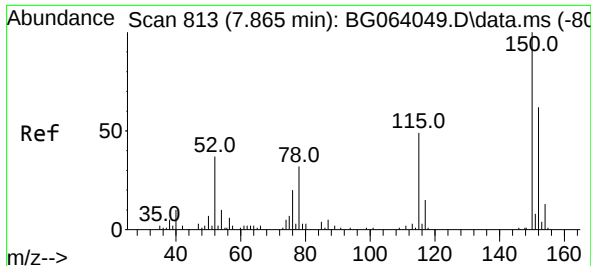
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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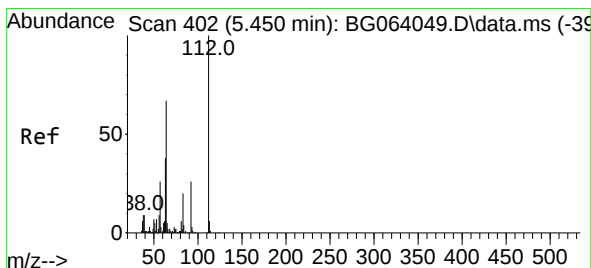
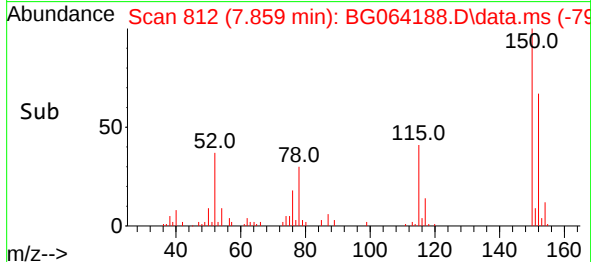
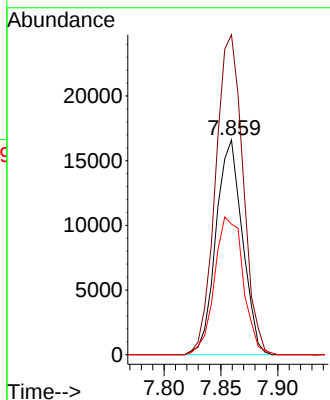
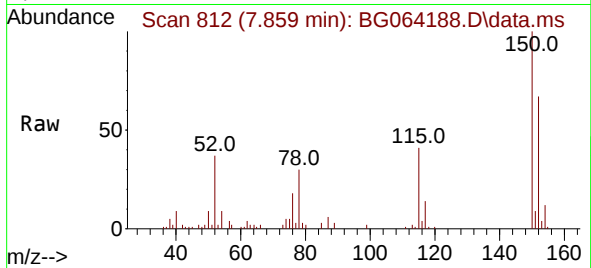




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

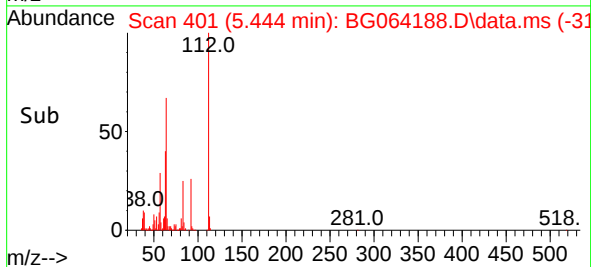
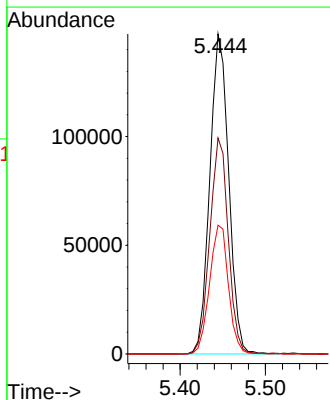
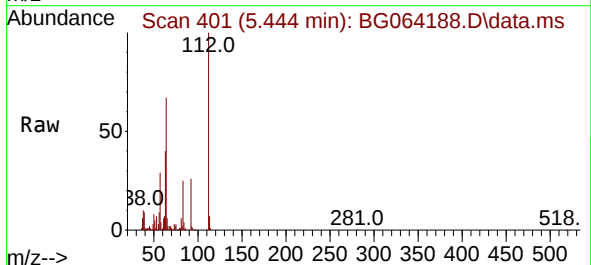
Instrument :
BNA_G
ClientSampleId :
WCS-TP-2

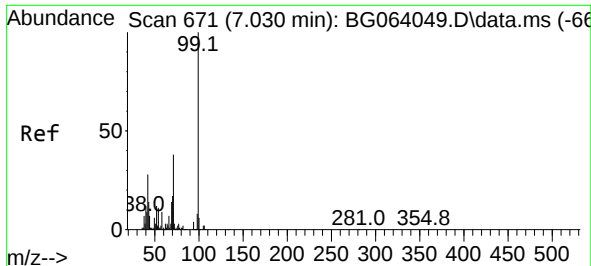
Tgt Ion:152 Resp: 26830
Ion Ratio Lower Upper
152 100
150 149.0 129.2 193.8
115 60.8 63.0 94.6#



#5
2-Fluorophenol
Concen: 132.109 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion:112 Resp: 227001
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 40.3 30.2 45.4

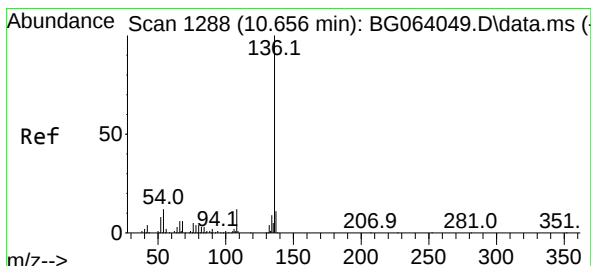
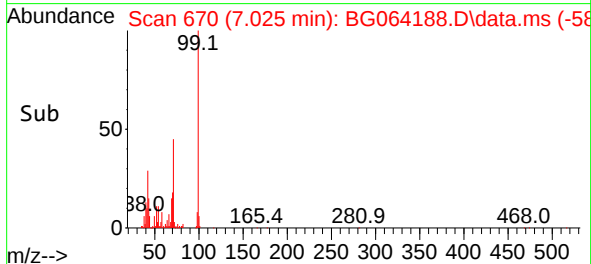
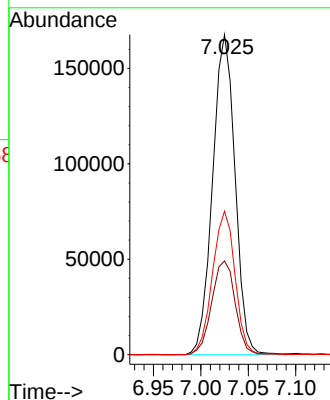
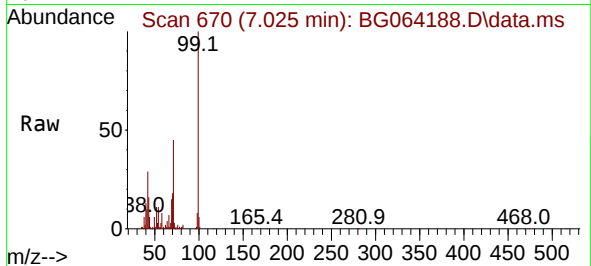




#7
Phenol-d6
Concen: 118.101 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

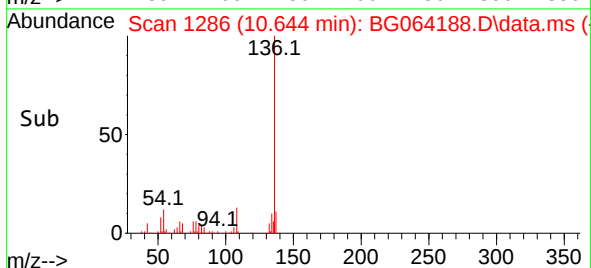
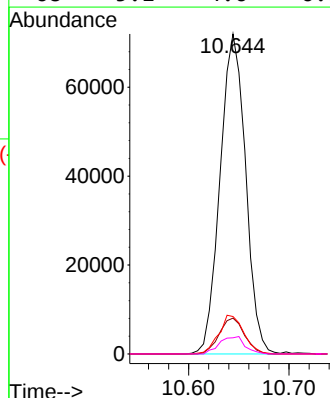
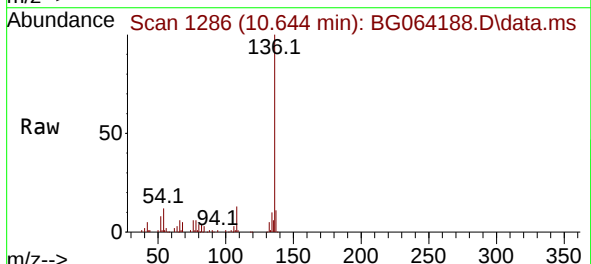
Instrument :
BNA_G
ClientSampleId :
WCS-TP-2

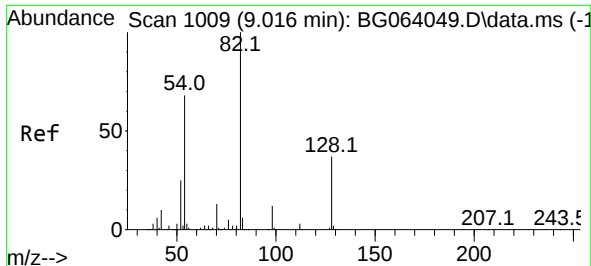
Tgt Ion: 99 Resp: 276064
Ion Ratio Lower Upper
99 100
42 29.3 22.7 34.1
71 44.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion: 136 Resp: 126961
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.7 9.9 14.9
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 113.504 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064188.D

Acq: 4 Apr 2025 5:26

Instrument :

BNA_G

ClientSampleId :

WCS-TP-2

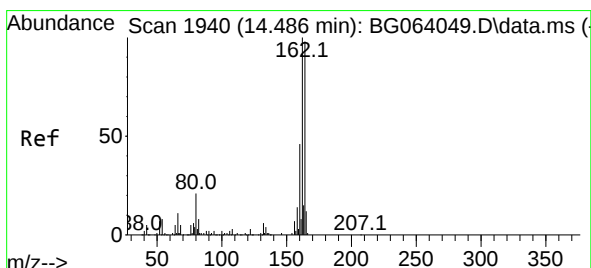
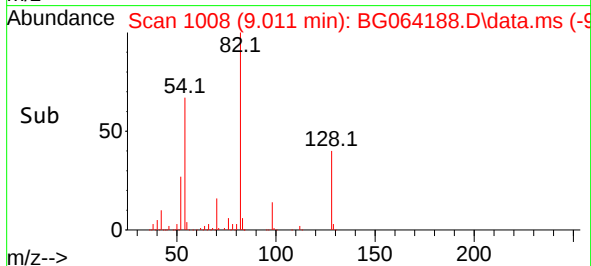
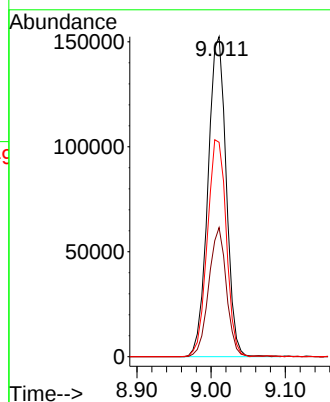
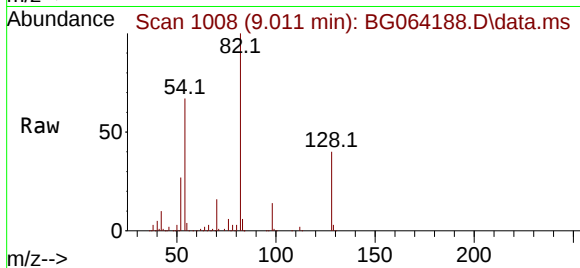
Tgt Ion: 82 Resp: 260768

Ion Ratio Lower Upper

82 100

128 40.3 30.0 45.0

54 67.0 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: BG064188.D

Acq: 4 Apr 2025 5:26

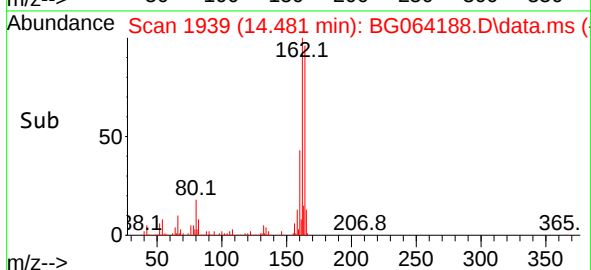
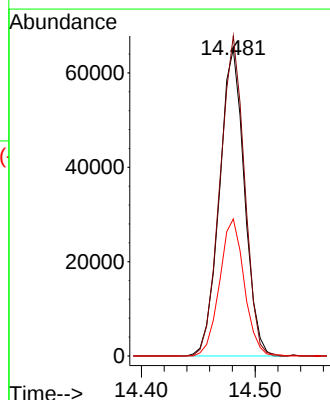
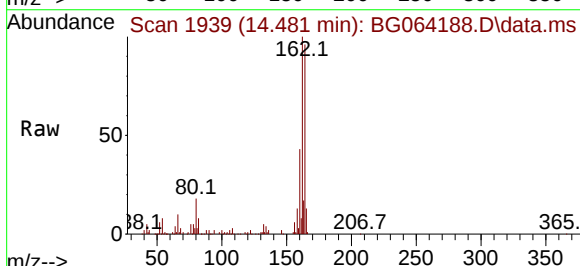
Tgt Ion:164 Resp: 99084

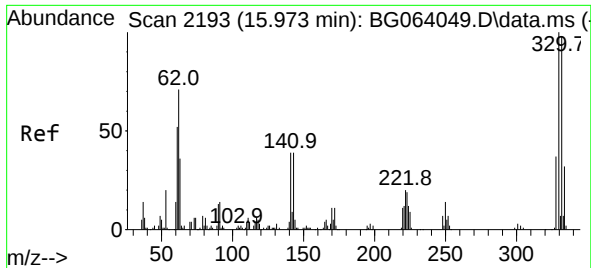
Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

160 44.6 37.0 55.6

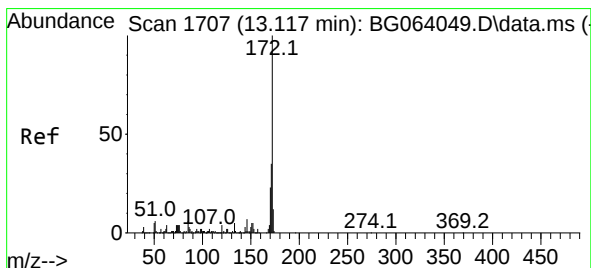
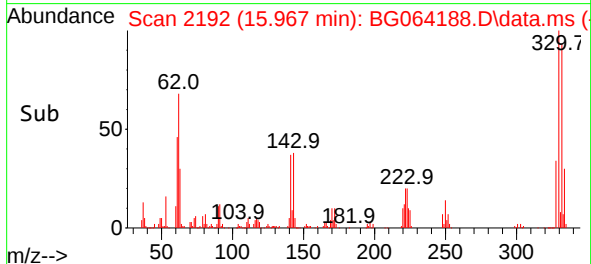
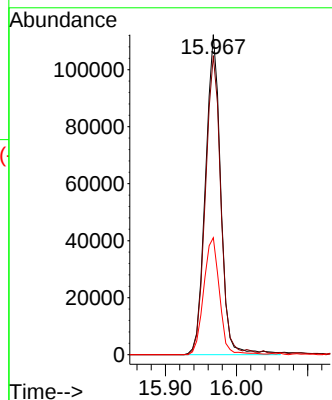
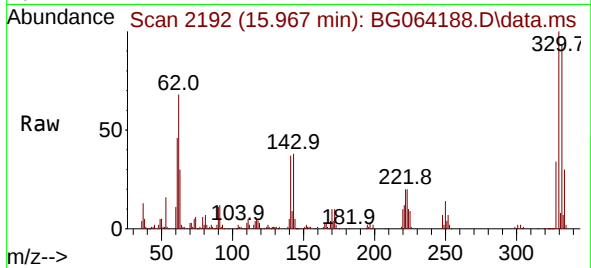




#42
2,4,6-Tribromophenol
Concen: 152.820 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

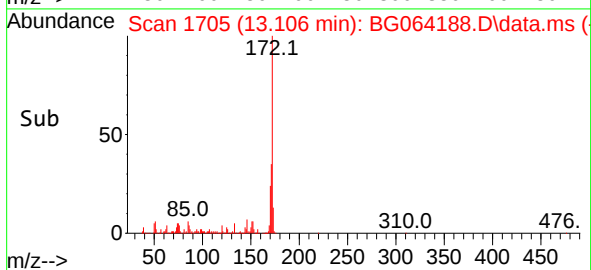
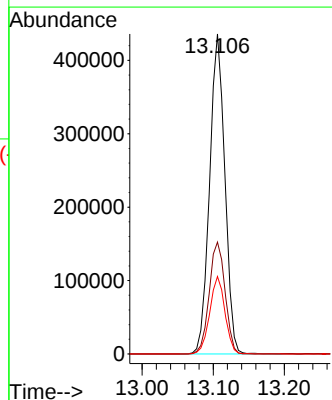
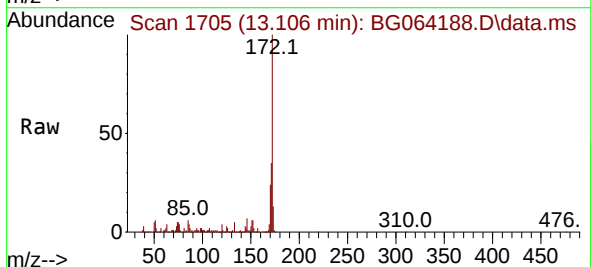
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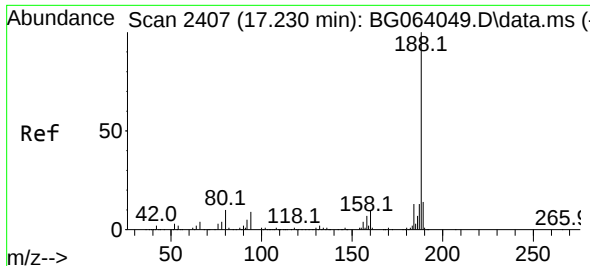
Tgt Ion:330 Resp: 168314
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 37.8 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 99.694 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion:172 Resp: 650778
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.2 18.7 28.1

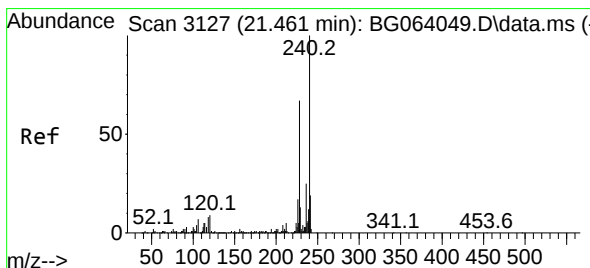
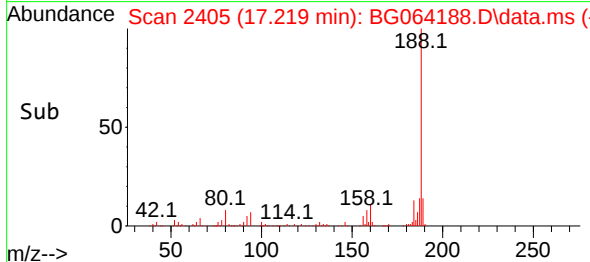
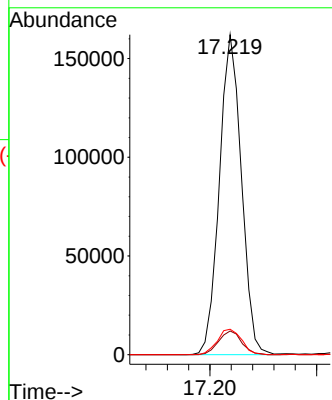
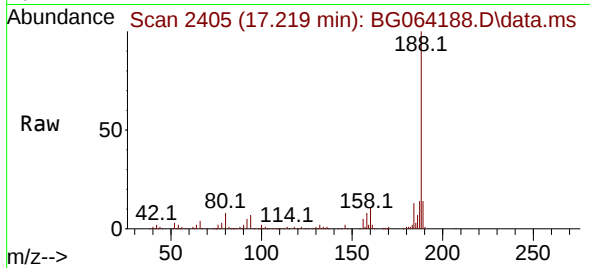




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

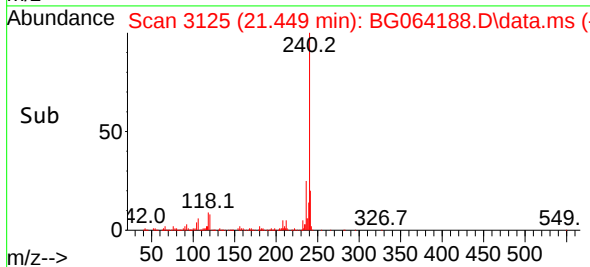
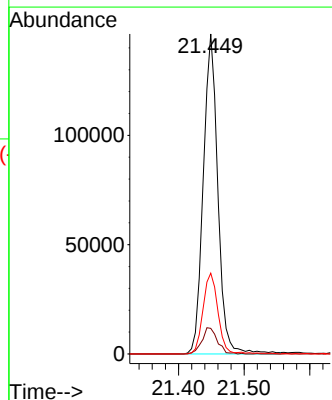
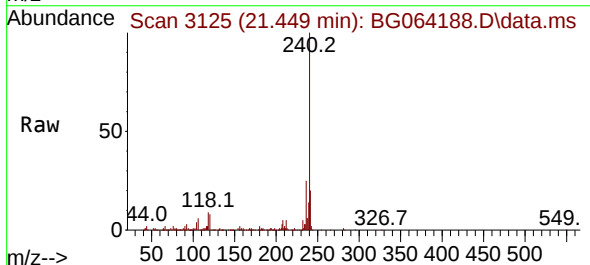
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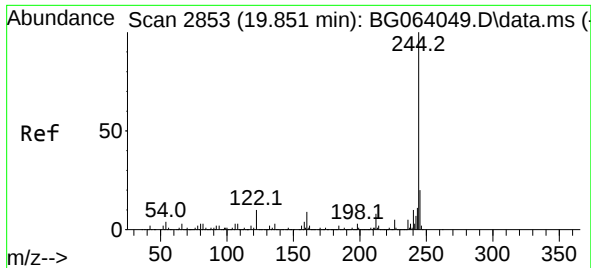
Tgt Ion:188 Resp: 232185
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.0 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion:240 Resp: 226634
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 25.3 20.2 30.2

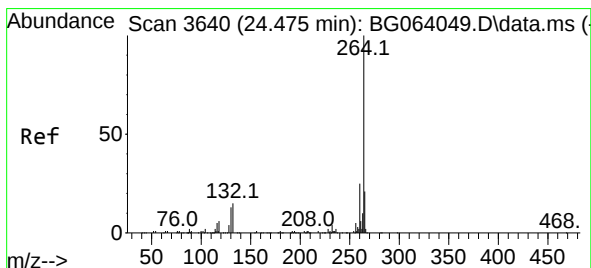
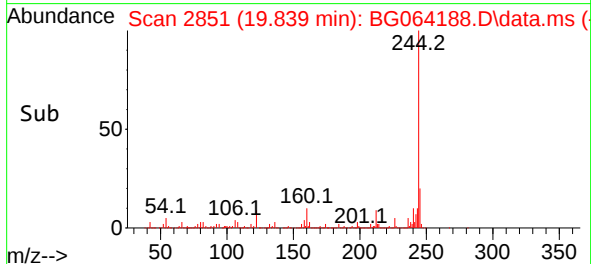
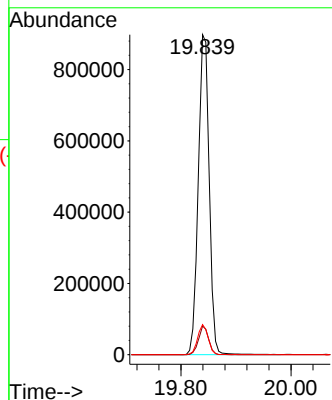
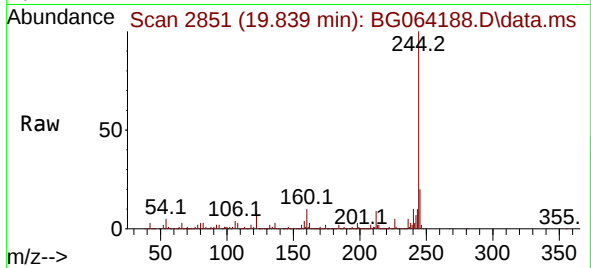




#79
 Terphenyl-d14
 Concen: 110.024 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG064188.D
 Acq: 4 Apr 2025 5:26

Instrument :
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Tgt Ion:244 Resp: 1233198
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.2 9.4
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 3637
 Delta R.T. -0.017 min
 Lab File: BG064188.D
 Acq: 4 Apr 2025 5:26

Tgt Ion:264 Resp: 241436
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 21.0 16.6 25.0

