

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064187.D
 Acq On : 4 Apr 2025 4:46
 Operator : RC/JU
 Sample : Q1693-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP-3

Quant Time: Apr 04 05:30:27 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	7.856	152	28675	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	127637	20.000	ng	#-0.01
39) Acenaphthene-d10	14.478	164	99137	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	225272	20.000	ng	0.00
76) Chrysene-d12	21.446	240	234985	20.000	ng	-0.01
86) Perylene-d12	24.460	264	238725	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	264107	143.815	ng	0.00
7) Phenol-d6	7.028	99	327085	130.924	ng	0.00
23) Nitrobenzene-d5	9.008	82	270151	116.965	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	179762	163.127	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	658743	100.860	ng	0.00
79) Terphenyl-d14	19.842	244	1238737	106.591	ng	0.00

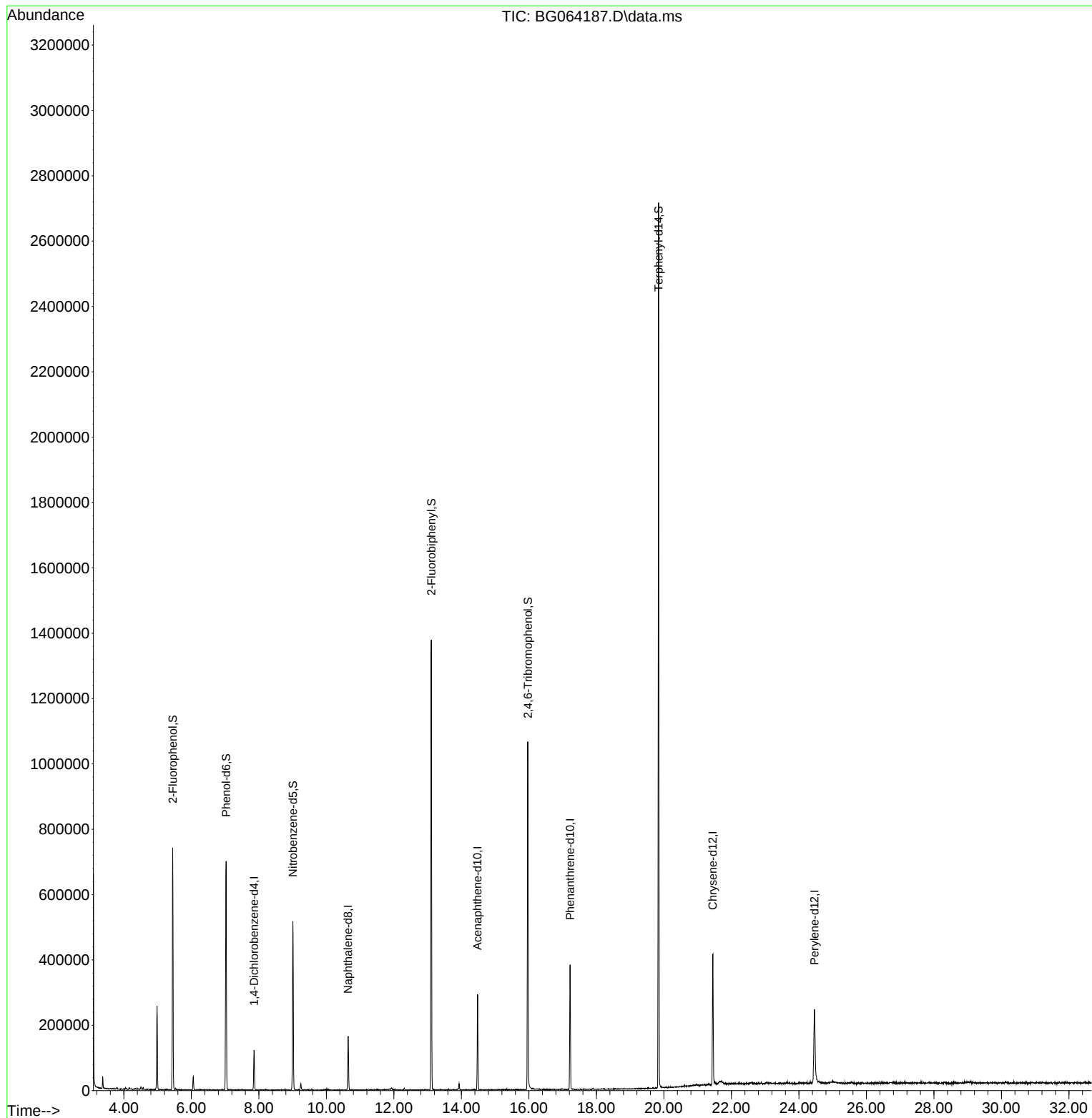
Target Compounds	Qvalue

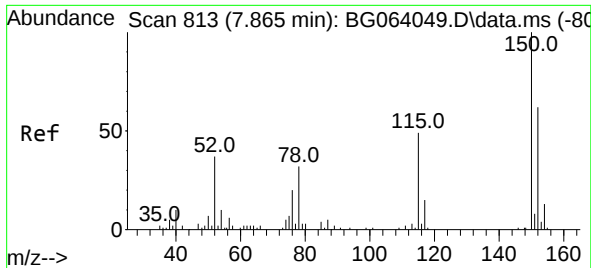
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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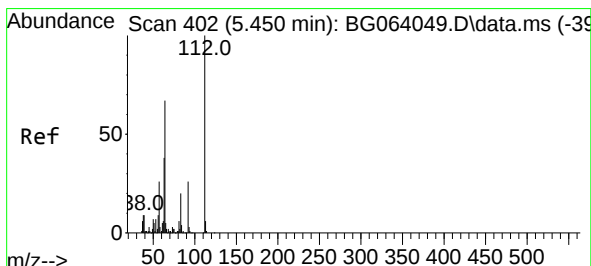
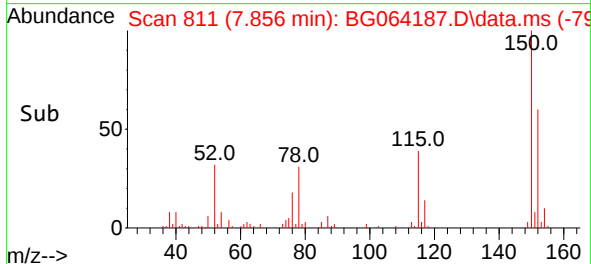
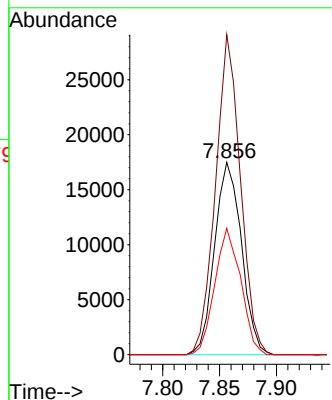
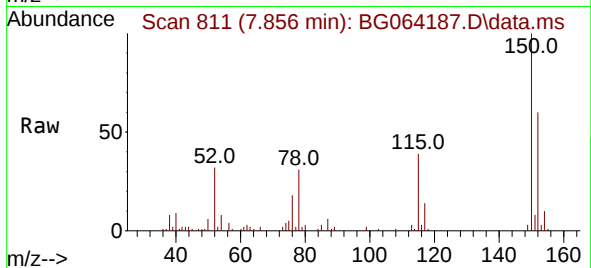




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 813
Delta R.T. -0.009 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

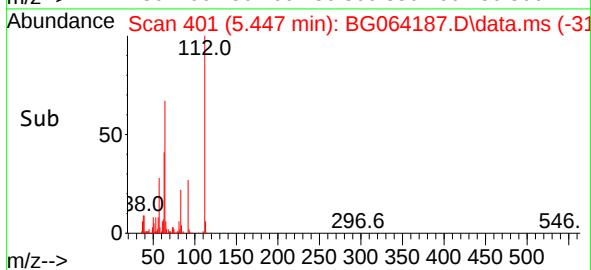
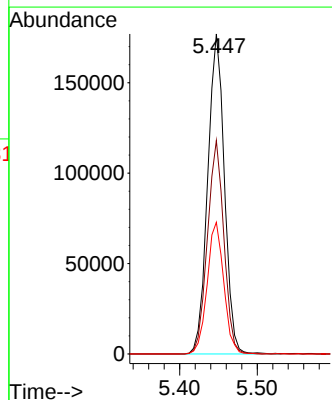
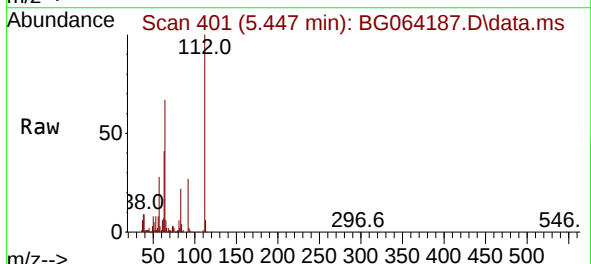
Instrument :
BNA_G
ClientSampleId :
WCS-TP-3

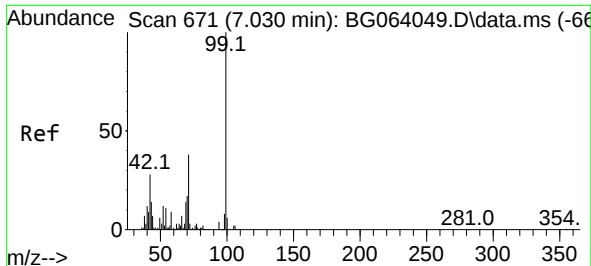
Tgt Ion:152 Resp: 28675
Ion Ratio Lower Upper
152 100
150 166.5 129.2 193.8
115 65.7 63.0 94.6



#5
2-Fluorophenol
Concen: 143.815 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion:112 Resp: 264107
Ion Ratio Lower Upper
112 100
64 66.7 53.7 80.5
63 41.2 30.2 45.4

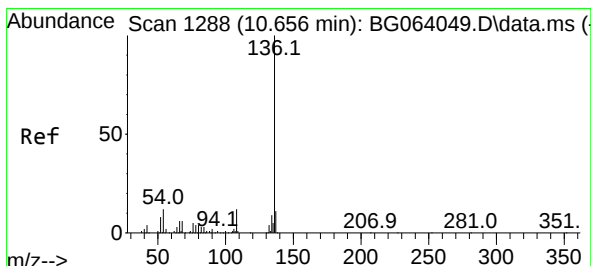
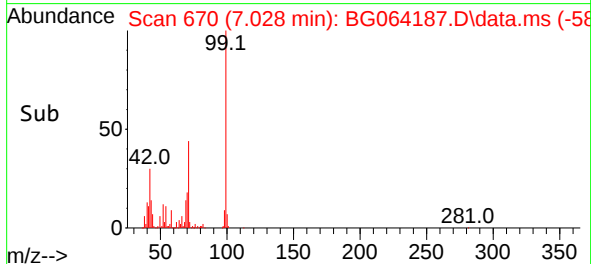
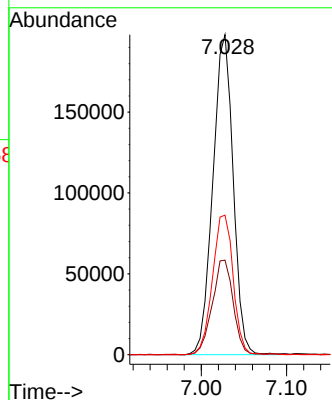
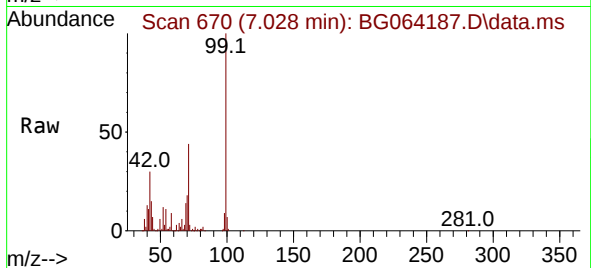




#7
Phenol-d6
Concen: 130.924 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

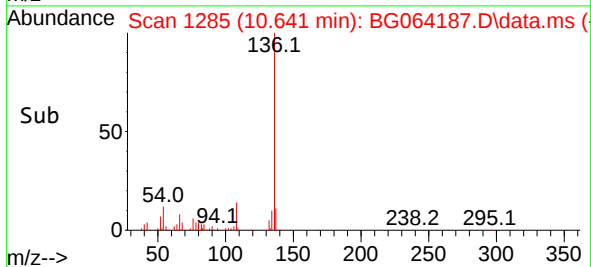
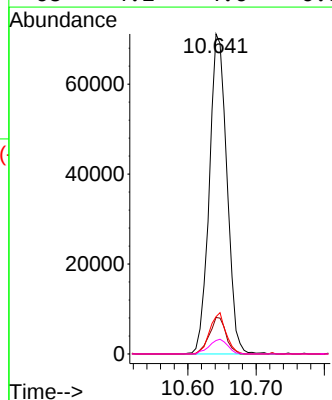
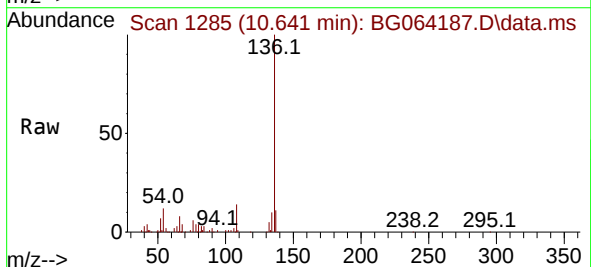
Instrument :
BNA_G
ClientSampleId :
WCS-TP-3

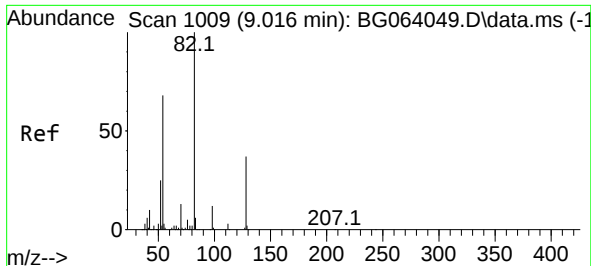
Tgt Ion: 99 Resp: 327085
Ion Ratio Lower Upper
99 100
42 29.6 22.7 34.1
71 43.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 1285
Delta R.T. -0.015 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion: 136 Resp: 127637
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.7 9.9 14.9
68 4.2 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 116.965 ng

RT: 9.008 min Scan# 1007

Delta R.T. -0.008 min

Lab File: BG064187.D

Acq: 4 Apr 2025 4:46

Instrument :

BNA_G

ClientSampleId :

WCS-TP-3

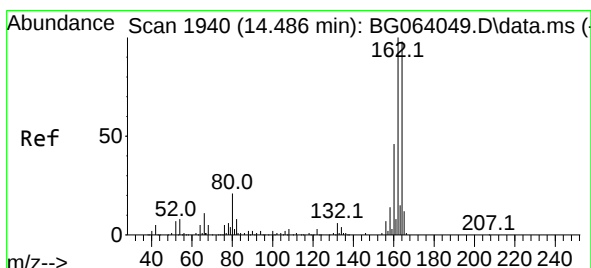
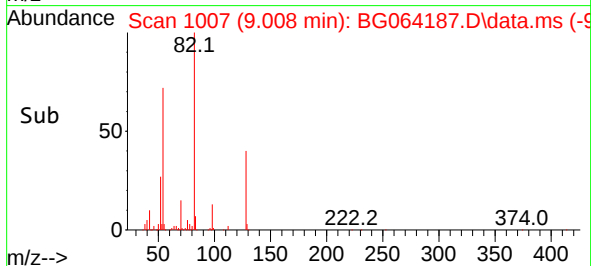
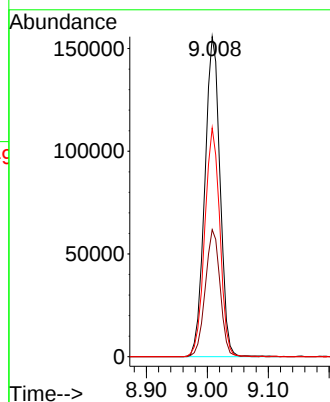
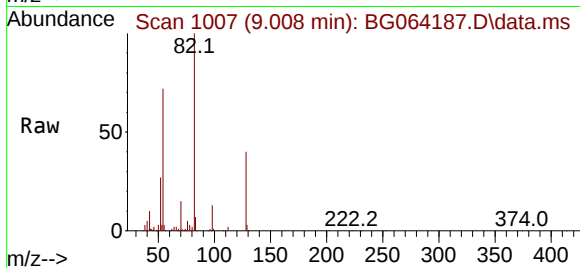
Tgt Ion: 82 Resp: 270151

Ion Ratio Lower Upper

82 100

128 39.7 30.0 45.0

54 71.5 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.478 min Scan# 1938

Delta R.T. -0.008 min

Lab File: BG064187.D

Acq: 4 Apr 2025 4:46

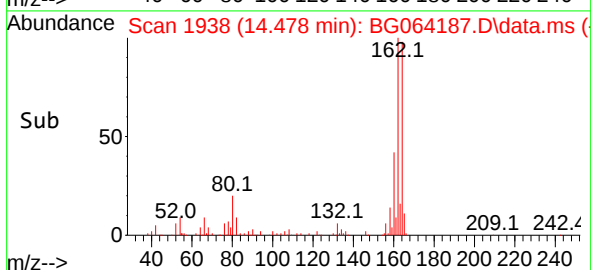
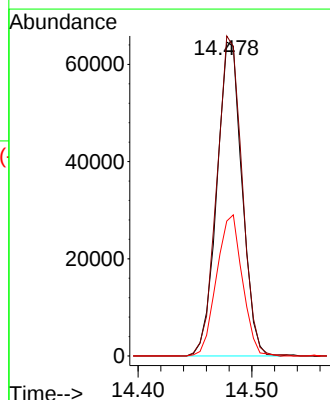
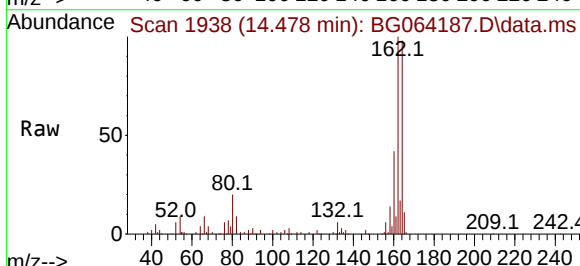
Tgt Ion:164 Resp: 99137

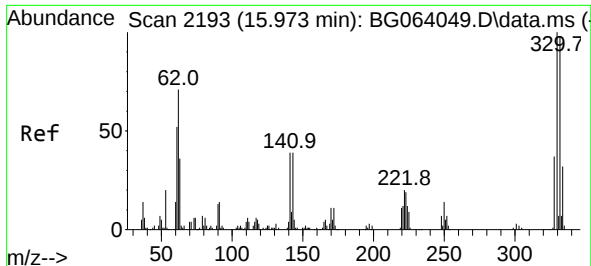
Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

160 43.0 37.0 55.6

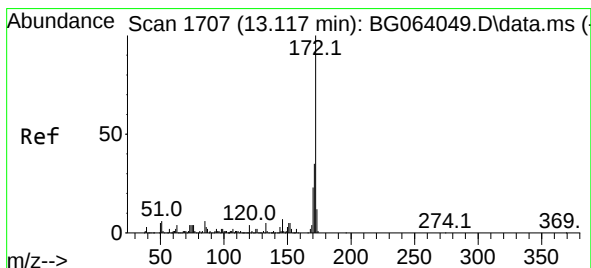
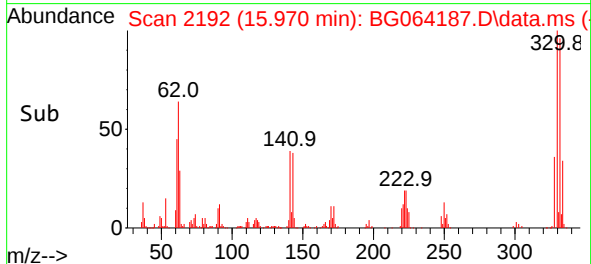
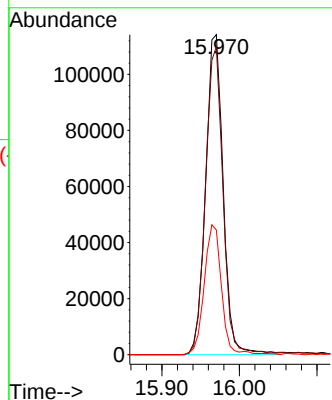
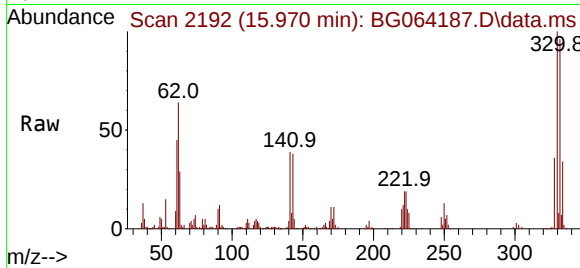




#42
2,4,6-Tribromophenol
Concen: 163.127 ng
RT: 15.970 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

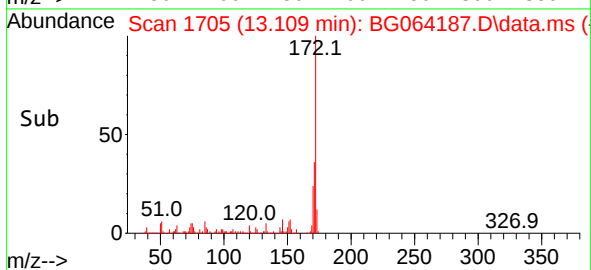
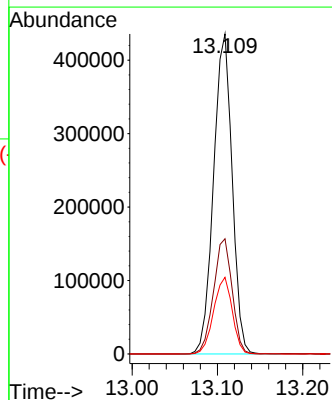
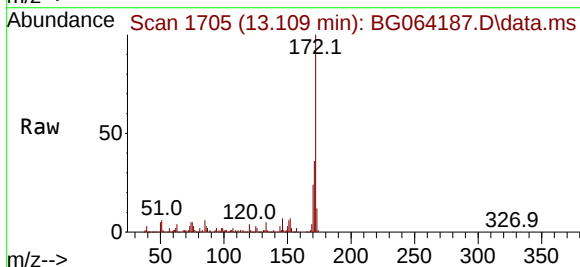
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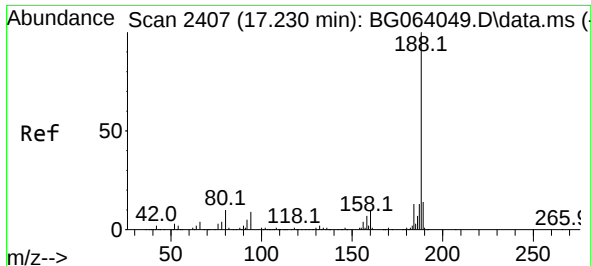
Tgt Ion:330 Resp: 179762
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 39.9 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 100.860 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.008 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion:172 Resp: 658743
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.9 18.7 28.1

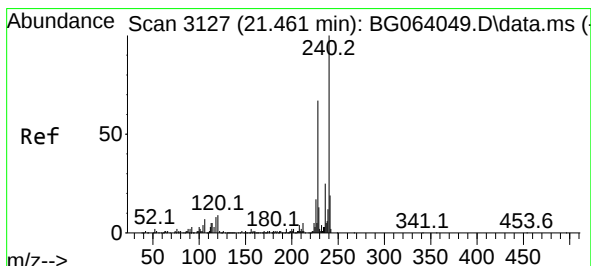
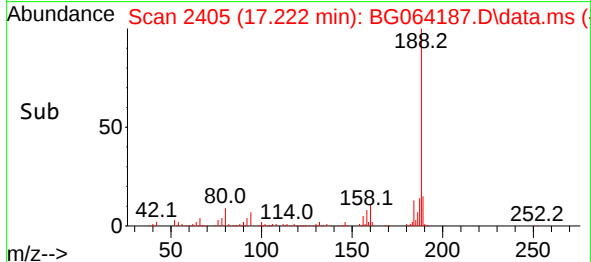
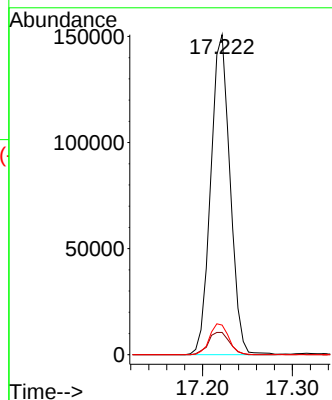
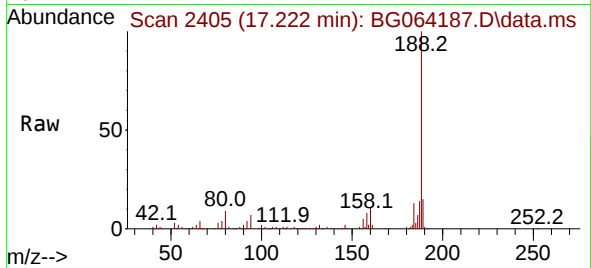




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

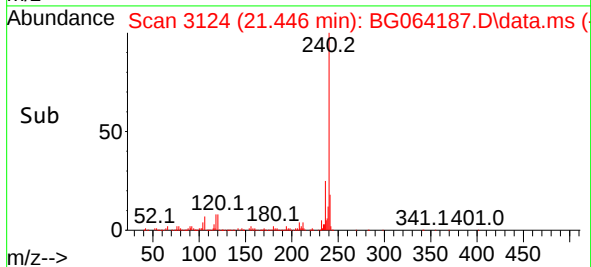
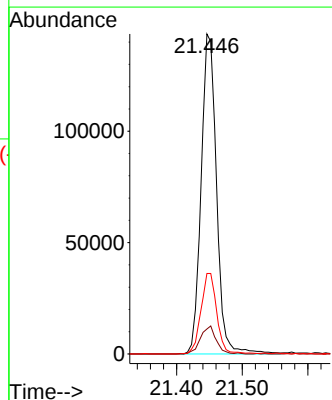
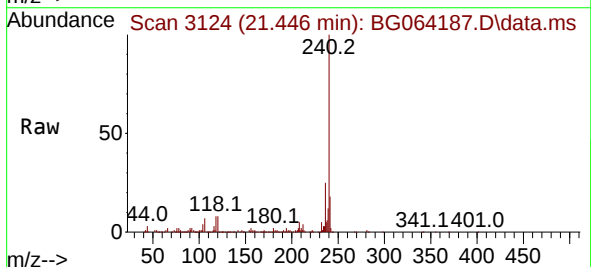
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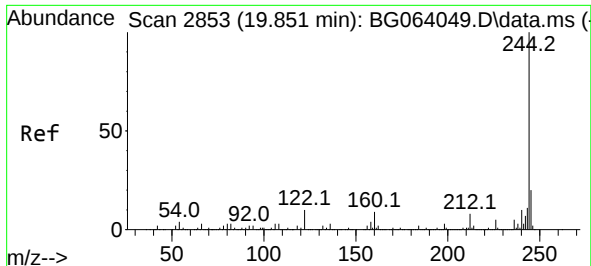
Tgt Ion:188 Resp: 225272
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.014 min
Lab File: BG064187.D
Acq: 4 Apr 2025 4:46

Tgt Ion:240 Resp: 234985
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 25.2 20.2 30.2

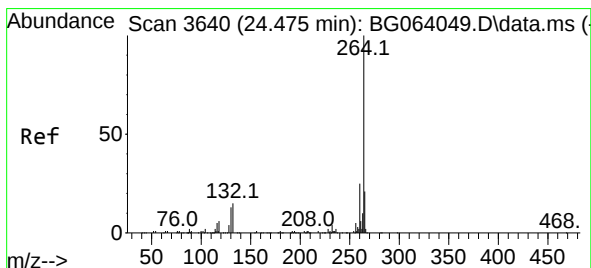
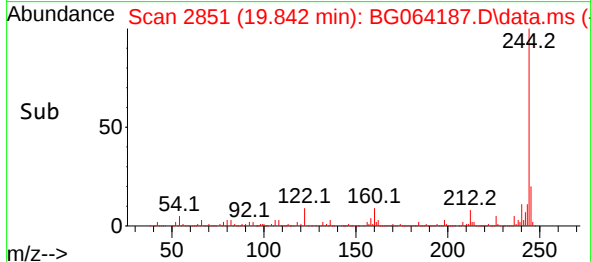
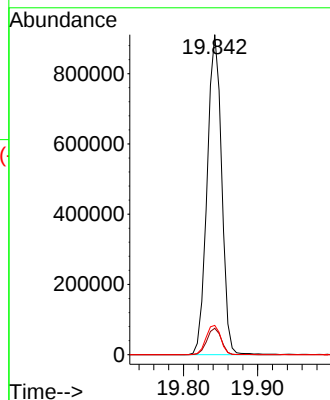
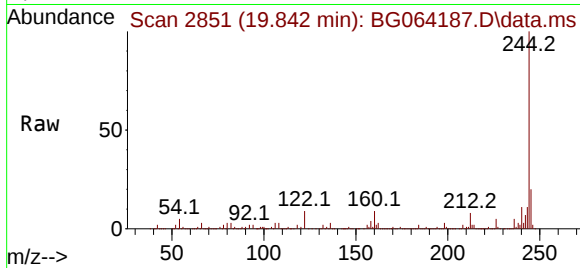




#79
 Terphenyl-d14
 Concen: 106.591 ng
 RT: 19.842 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG064187.D
 Acq: 4 Apr 2025 4:46

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP-3

Tgt Ion:244 Resp: 1238737
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.460 min Scan# 3637
 Delta R.T. -0.014 min
 Lab File: BG064187.D
 Acq: 4 Apr 2025 4:46

Tgt Ion:264 Resp: 238725
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.7 16.6 25.0

