

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064189.D
 Acq On : 4 Apr 2025 6:07
 Operator : RC/JU
 Sample : Q1693-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP-1

Quant Time: Apr 04 07:06:58 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	7.860	152	27892	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	127310	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	97417	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	225121	20.000	ng	-0.01
76) Chrysene-d12	21.450	240	229014	20.000	ng	-0.01
86) Perylene-d12	24.458	264	246132	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	252369	141.281	ng	0.00
7) Phenol-d6	7.026	99	325688	134.025	ng	0.00
23) Nitrobenzene-d5	9.006	82	252088	109.425	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	173943	160.633	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	611454	95.272	ng	-0.01
79) Terphenyl-d14	19.840	244	1158493	102.285	ng	-0.01

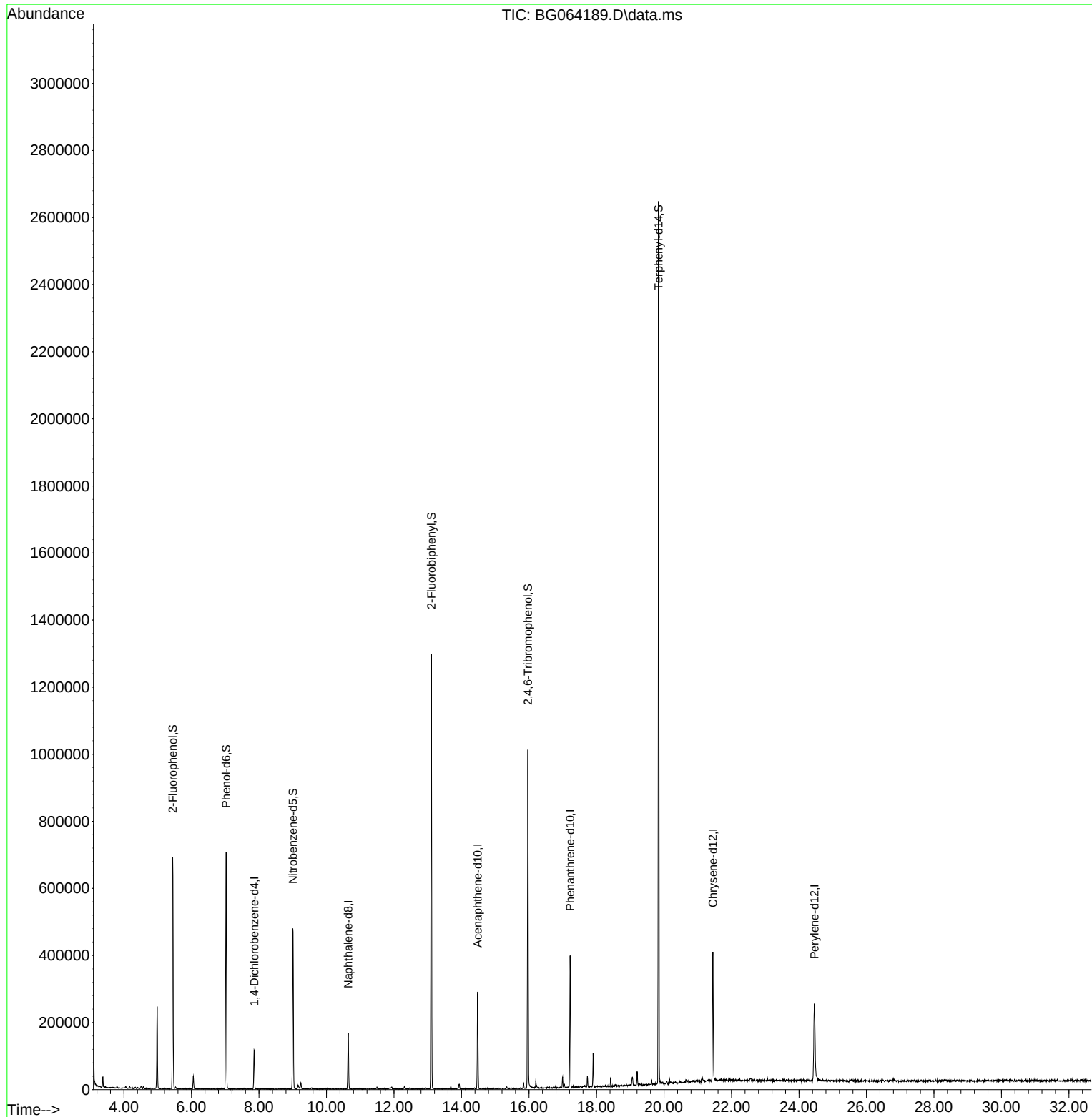
Target Compounds	Qvalue

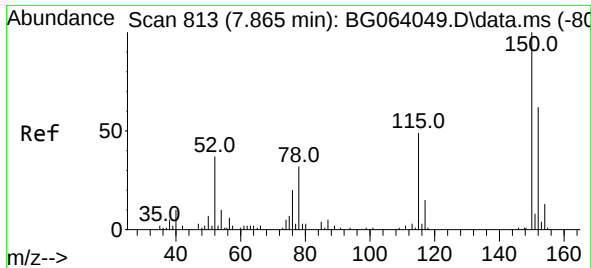
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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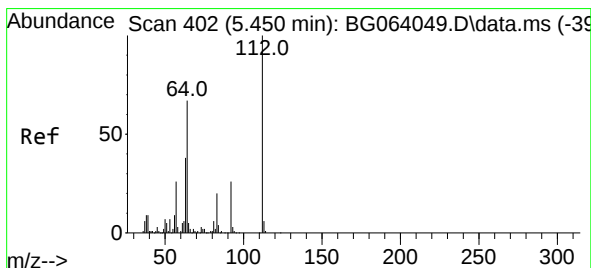
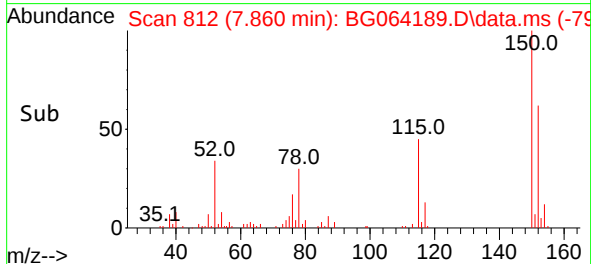
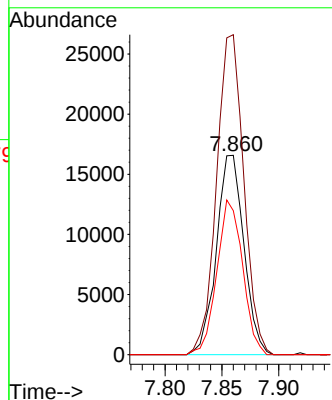
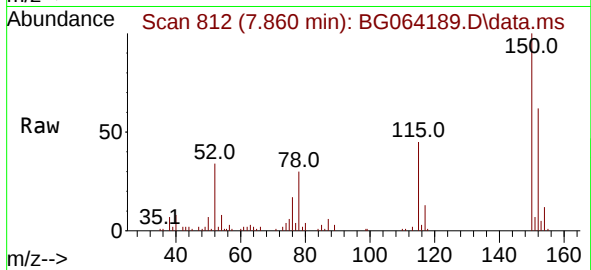




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

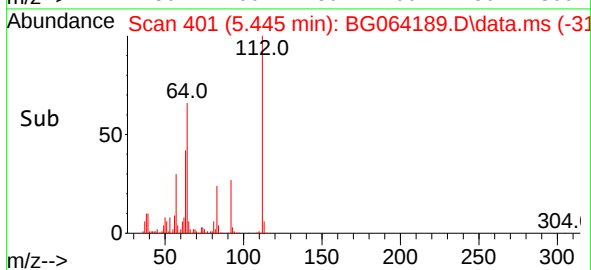
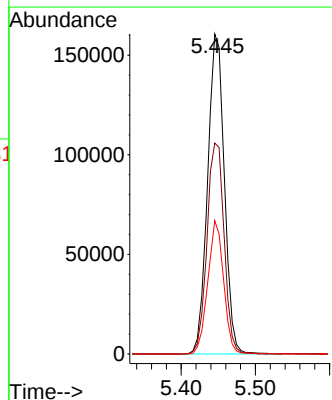
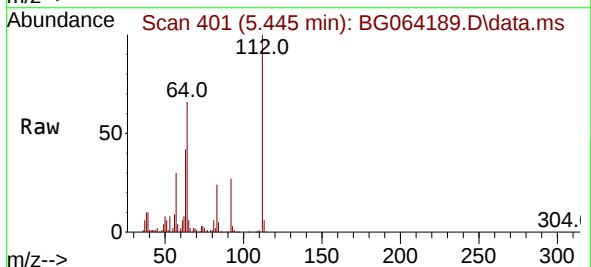
Instrument :
BNA_G
ClientSampleId :
WCS-TP-1

Tgt Ion:152 Resp: 27892
Ion Ratio Lower Upper
152 100
150 160.5 129.2 193.8
115 72.2 63.0 94.6



#5
2-Fluorophenol
Concen: 141.281 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion:112 Resp: 252369
Ion Ratio Lower Upper
112 100
64 65.9 53.7 80.5
63 41.7 30.2 45.4

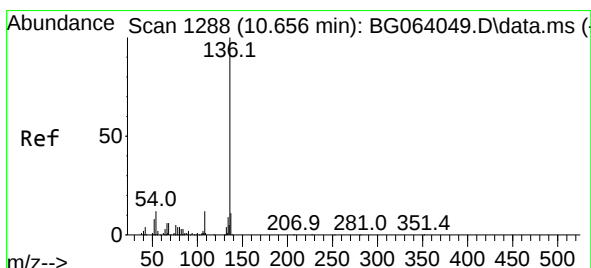
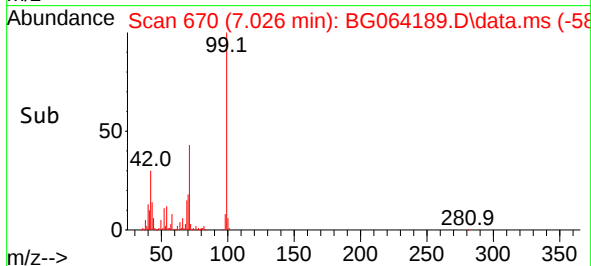
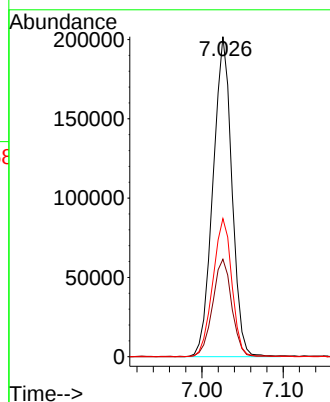
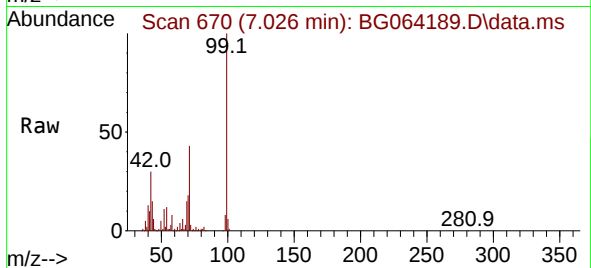




#7
Phenol-d6
Concen: 134.025 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

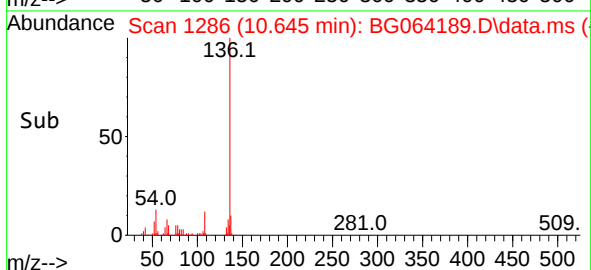
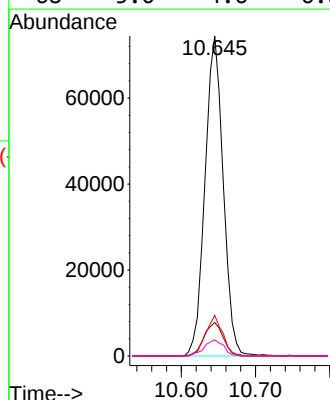
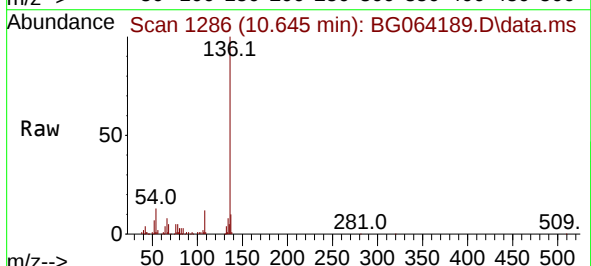
Instrument :
BNA_G
ClientSampleId :
WCS-TP-1

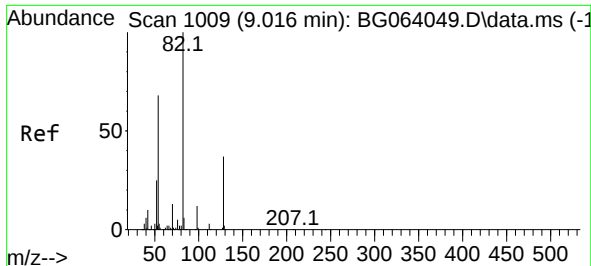
Tgt Ion: 99 Resp: 325688
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 43.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion:136 Resp: 127310
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 12.7 9.9 14.9
68 5.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 109.425 ng

RT: 9.006 min Scan# 1009

Delta R.T. -0.011 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

Instrument :

BNA_G

ClientSampleId :

WCS-TP-1

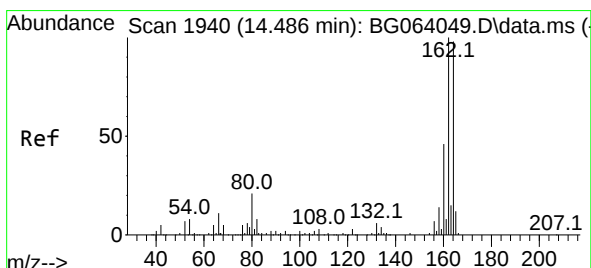
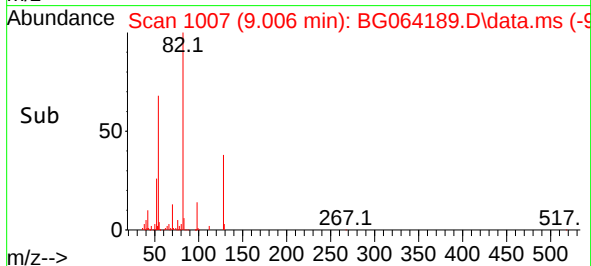
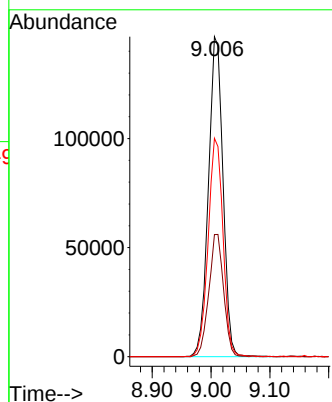
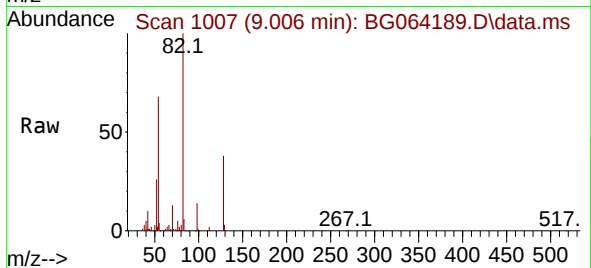
Tgt Ion: 82 Resp: 252088

Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 68.3 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.482 min Scan# 1939

Delta R.T. -0.004 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

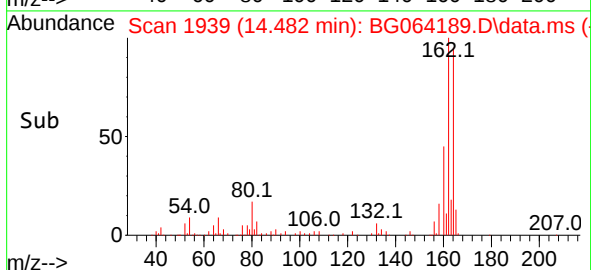
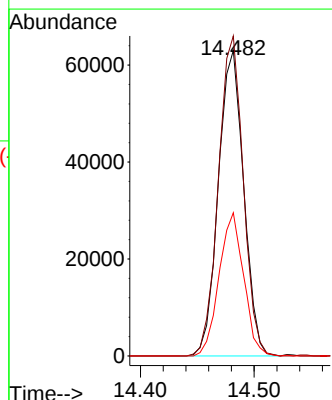
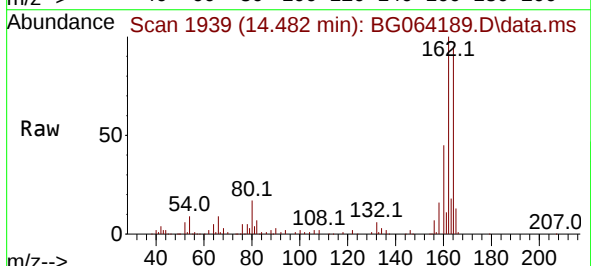
Tgt Ion:164 Resp: 97417

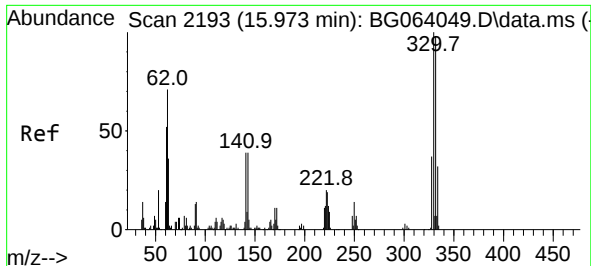
Ion Ratio Lower Upper

164 100

162 104.7 81.4 122.0

160 46.8 37.0 55.6

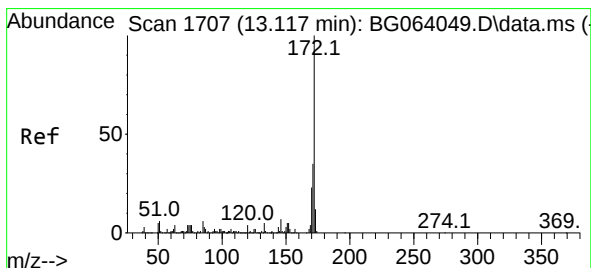
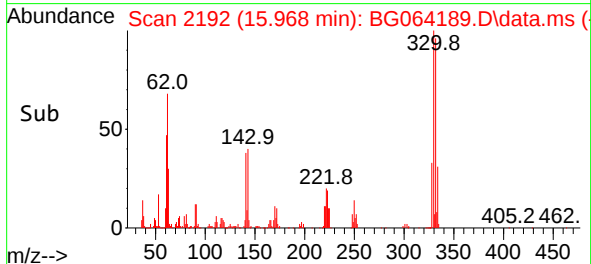
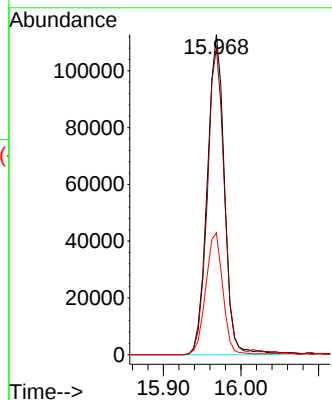
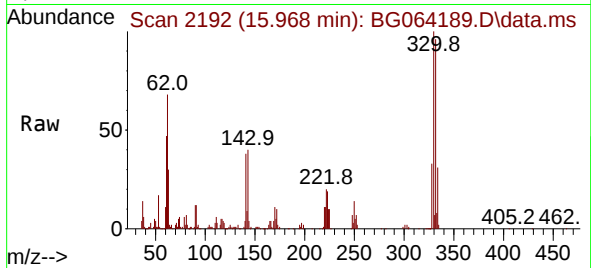




#42
2,4,6-Tribromophenol
Concen: 160.633 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

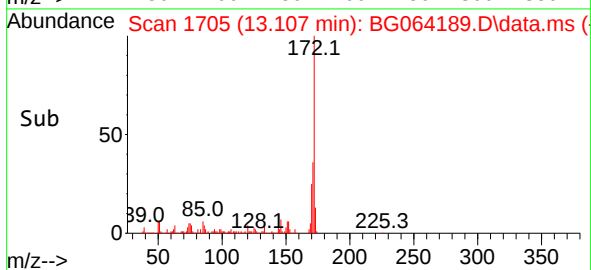
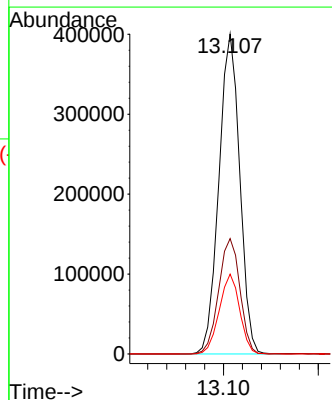
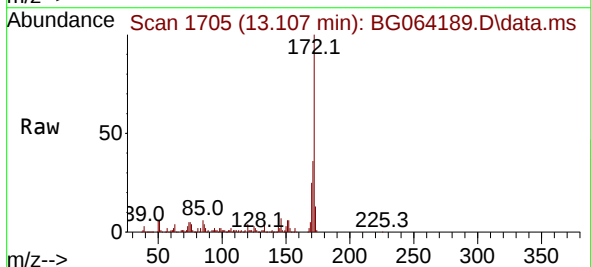
Instrument :
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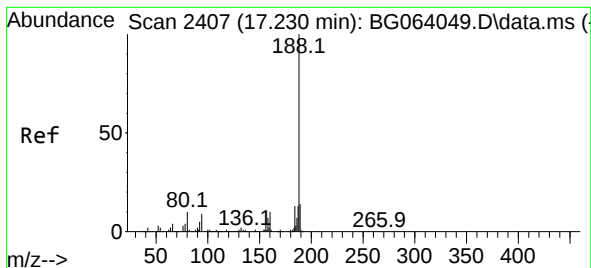
Tgt Ion:330 Resp: 173943
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 37.8 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 95.272 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064189.D
Acq: 4 Apr 2025 6:07

Tgt Ion:172 Resp: 611454
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 25.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.220 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

Instrument :

BNA_G

ClientSampleId :

WCS-TP-1

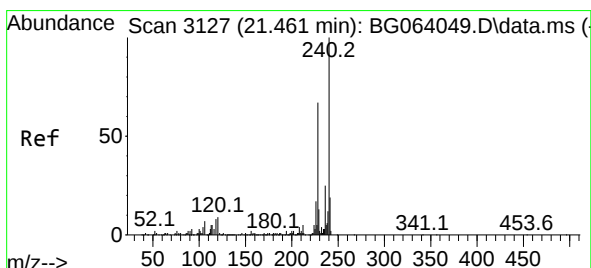
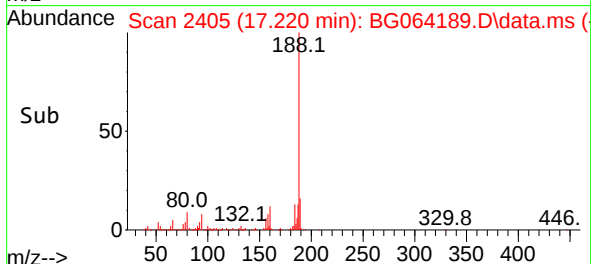
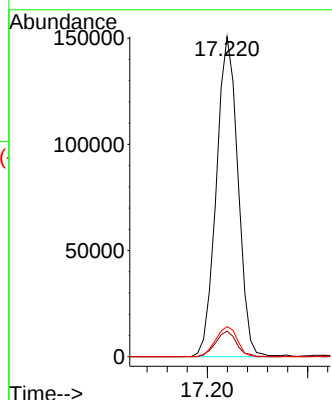
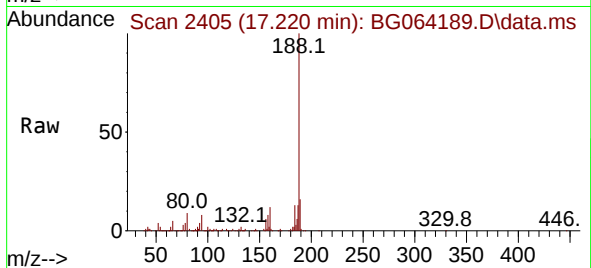
Tgt Ion:188 Resp: 225121

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 9.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3125

Delta R.T. -0.011 min

Lab File: BG064189.D

Acq: 4 Apr 2025 6:07

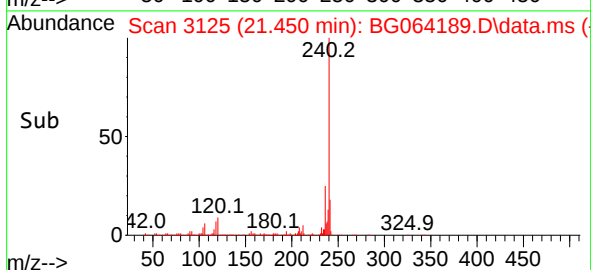
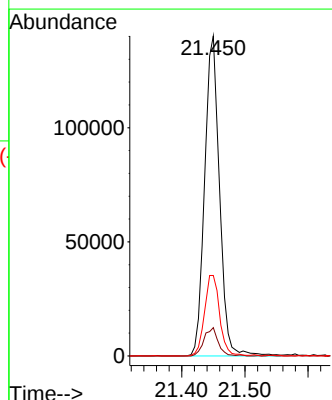
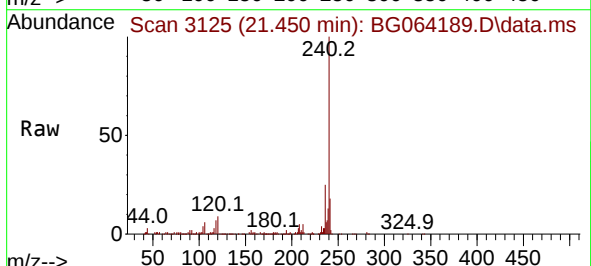
Tgt Ion:240 Resp: 229014

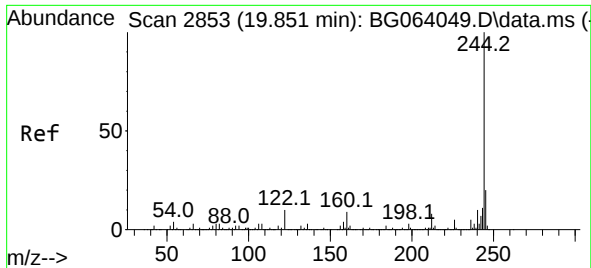
Ion Ratio Lower Upper

240 100

120 8.9 7.2 10.8

236 25.2 20.2 30.2

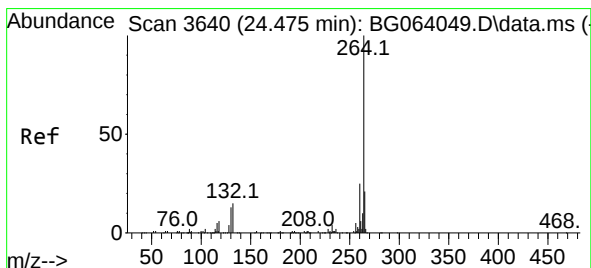
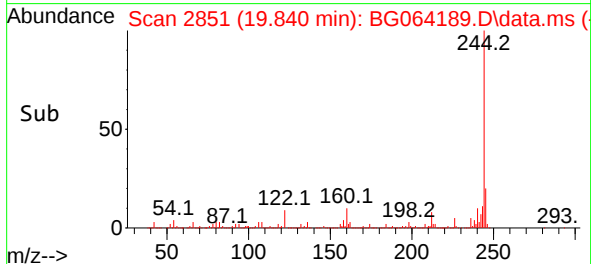
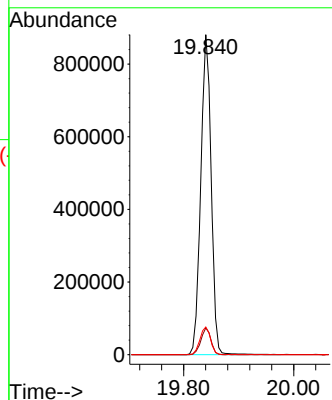
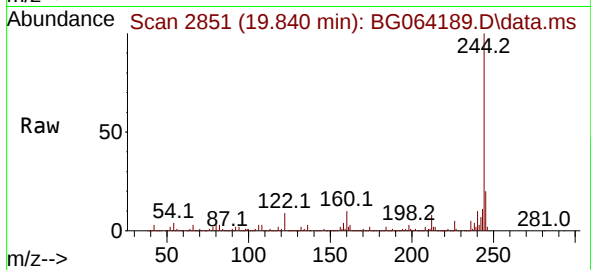




#79
 Terphenyl-d14
 Concen: 102.285 ng
 RT: 19.840 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG064189.D
 Acq: 4 Apr 2025 6:07

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP-1

Tgt Ion:244 Resp: 1158493
 Ion Ratio Lower Upper
 244 100
 212 8.4 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. -0.016 min
 Lab File: BG064189.D
 Acq: 4 Apr 2025 6:07

Tgt Ion:264 Resp: 246132
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.6 29.4
 265 22.0 16.6 25.0

