

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064186.D
 Acq On : 4 Apr 2025 4:05
 Operator : RC/JU
 Sample : Q1681-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Apr 04 05:30:09 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	27809	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	127215	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	101606	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	234899	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	233866	20.000	ng	-0.01
86) Perylene-d12	24.457	264	234620	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	232214	130.386	ng	0.00
7) Phenol-d6	7.024	99	287276	118.571	ng	0.00
23) Nitrobenzene-d5	9.010	82	247780	107.635	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	174840	154.805	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	625566	93.453	ng	-0.01
79) Terphenyl-d14	19.845	244	1120144	96.847	ng	0.00

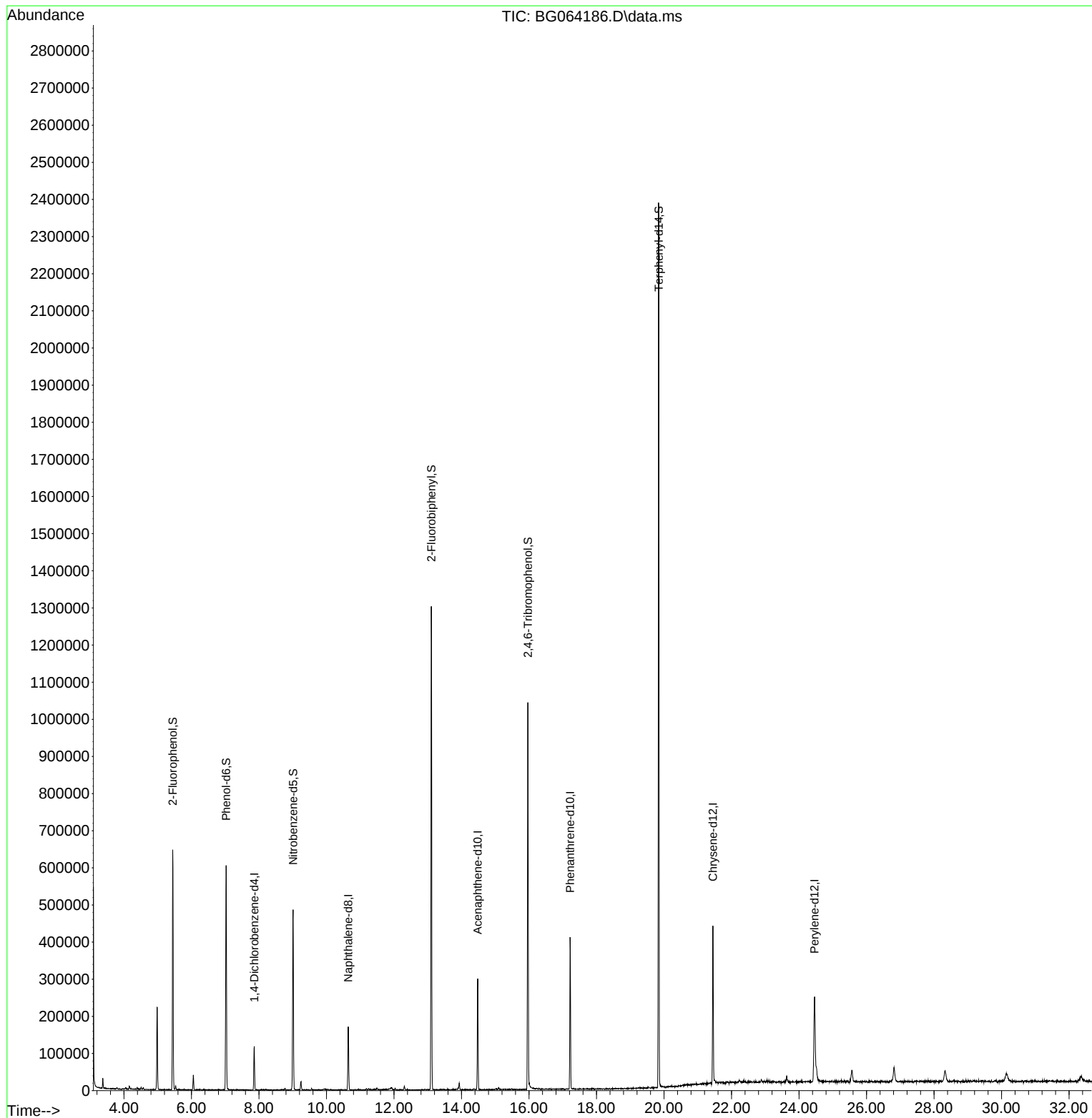
Target Compounds	Qvalue

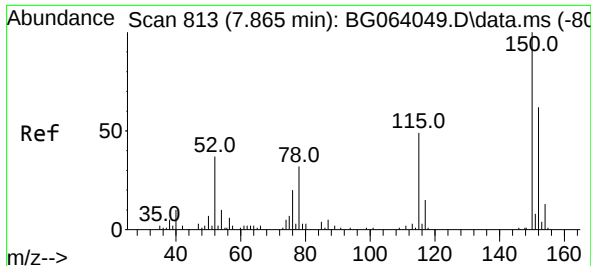
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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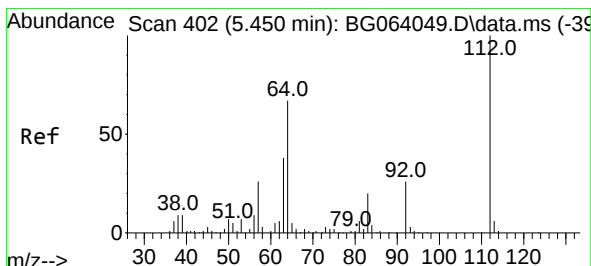
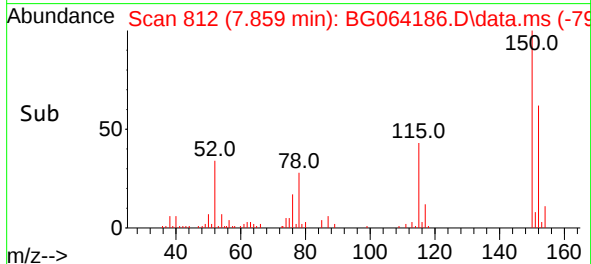
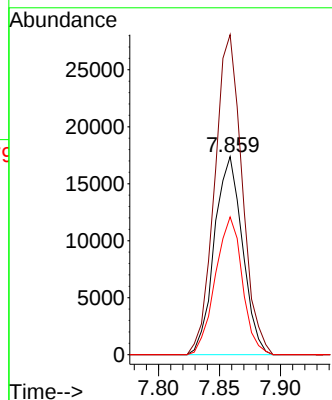
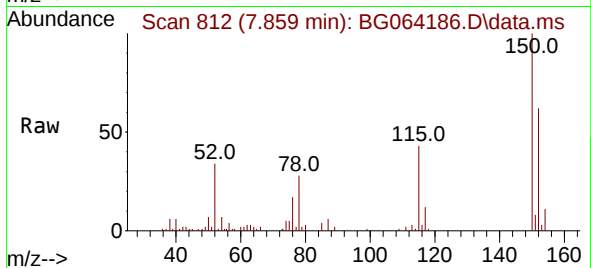




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

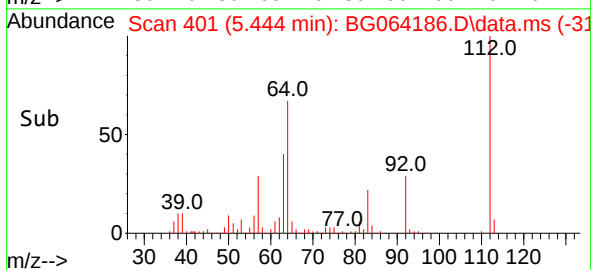
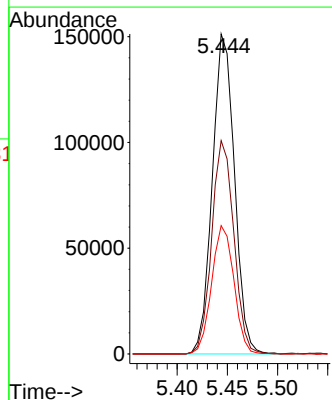
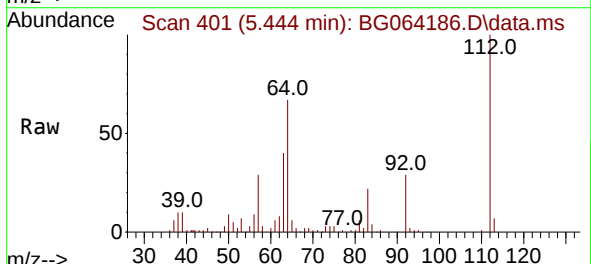
Instrument :
BNA_G
ClientSampleId :
TP-12

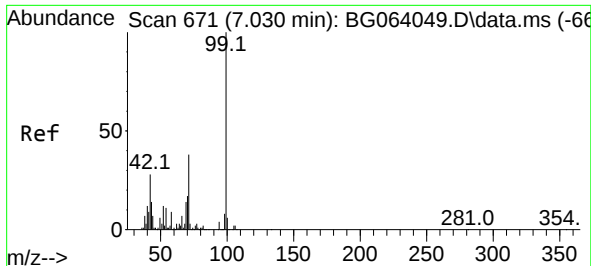
Tgt Ion:152 Resp: 27809
Ion Ratio Lower Upper
152 100
150 161.5 129.2 193.8
115 69.6 63.0 94.6



#5
2-Fluorophenol
Concen: 130.386 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

Tgt Ion:112 Resp: 232214
Ion Ratio Lower Upper
112 100
64 66.6 53.7 80.5
63 40.1 30.2 45.4

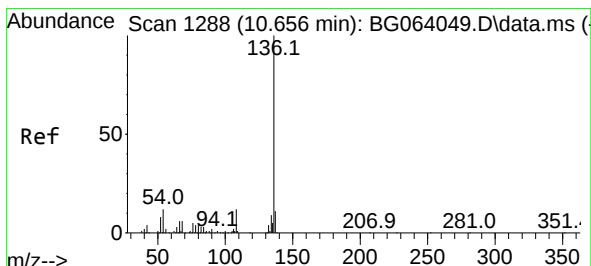
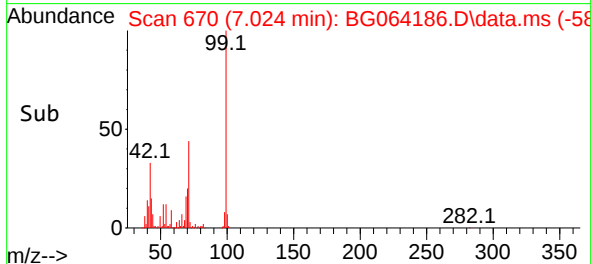
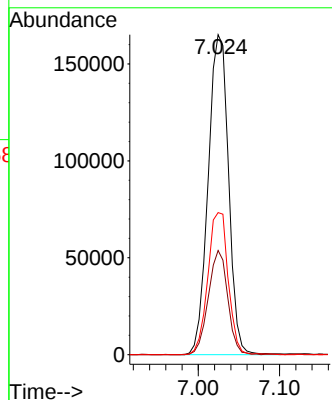
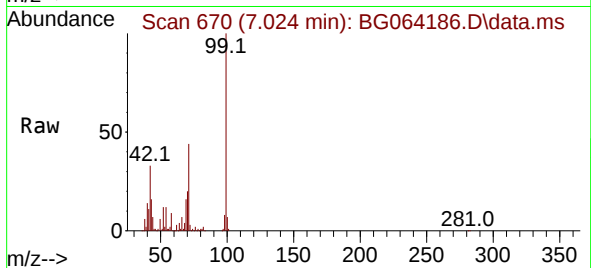




#7
Phenol-d6
Concen: 118.571 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

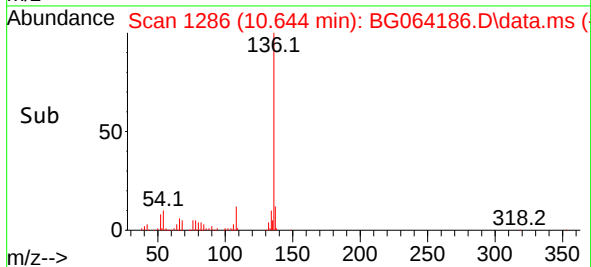
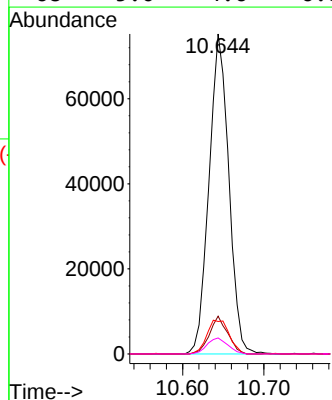
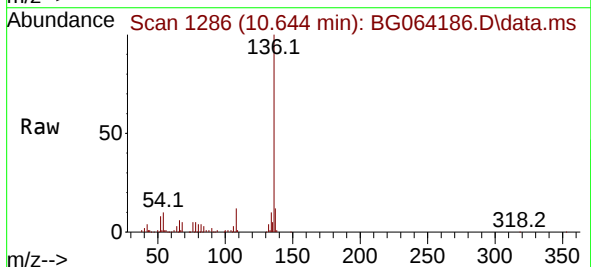
Instrument :
BNA_G
ClientSampleId :
TP-12

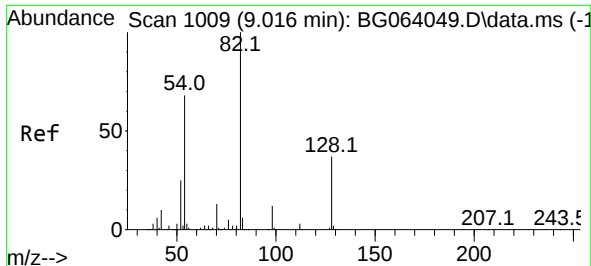
Tgt Ion: 99 Resp: 287276
Ion Ratio Lower Upper
99 100
42 32.5 22.7 34.1
71 44.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

Tgt Ion: 136 Resp: 127215
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 10.2 9.9 14.9
68 5.0 4.6 6.8

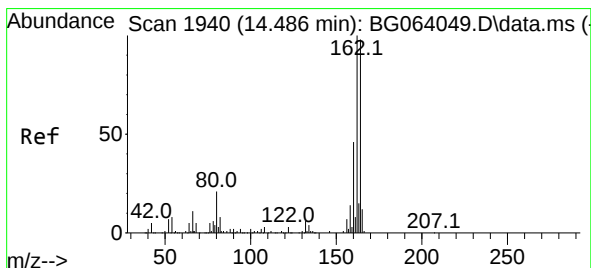
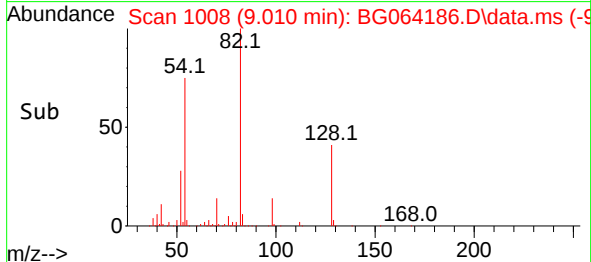
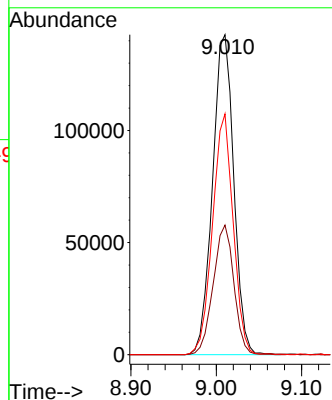
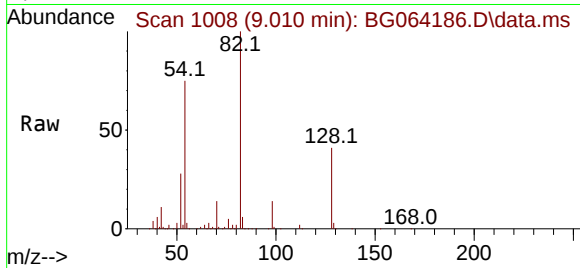




#23
Nitrobenzene-d5
Concen: 107.635 ng
RT: 9.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

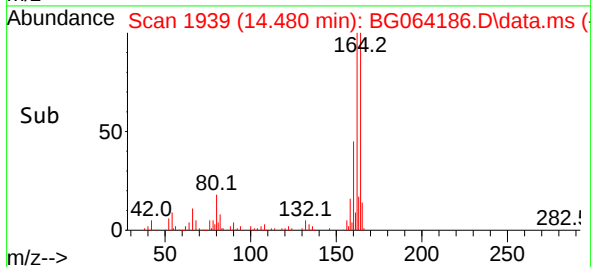
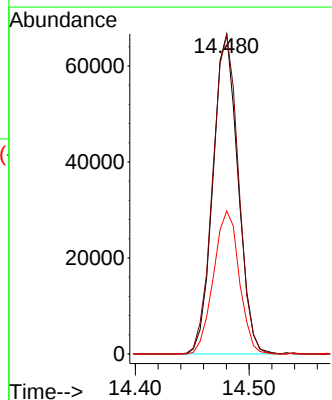
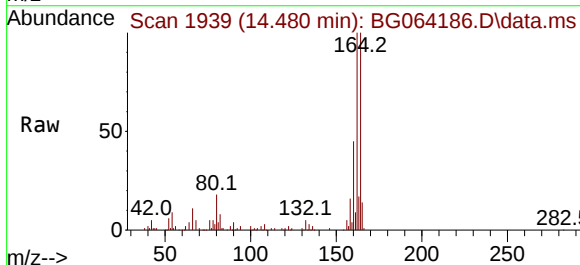
Instrument :
BNA_G
ClientSampleId :
TP-12

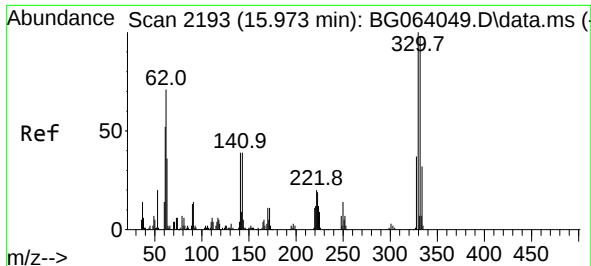
Tgt Ion: 82 Resp: 247780
Ion Ratio Lower Upper
82 100
128 40.5 30.0 45.0
54 75.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

Tgt Ion: 164 Resp: 101606
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 44.7 37.0 55.6

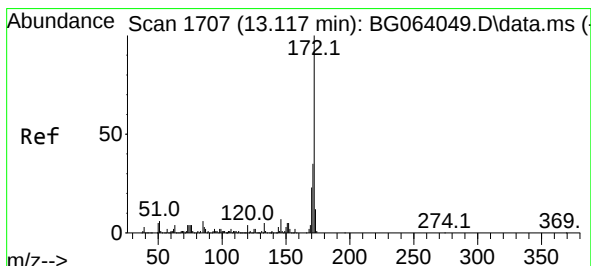
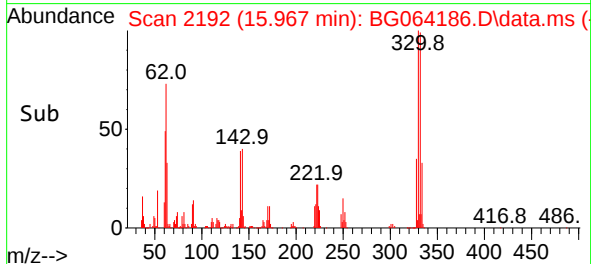
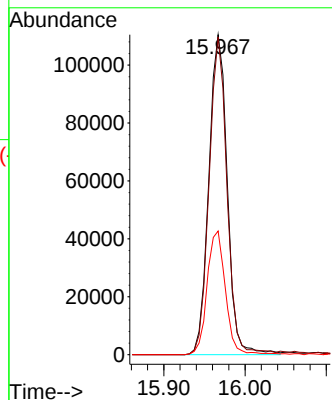
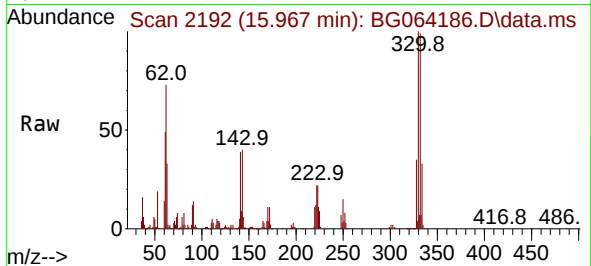




#42
2,4,6-Tribromophenol
Concen: 154.805 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

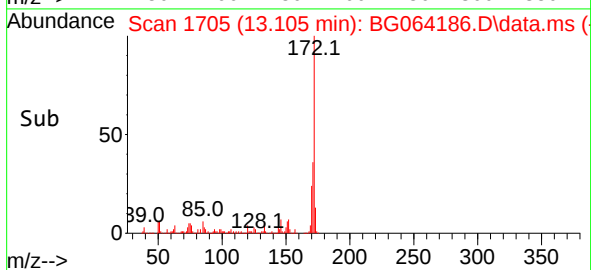
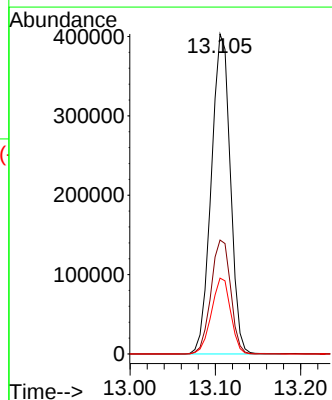
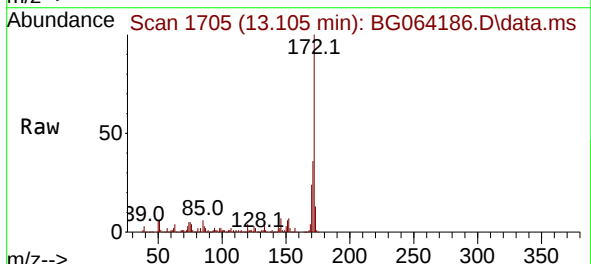
Instrument :
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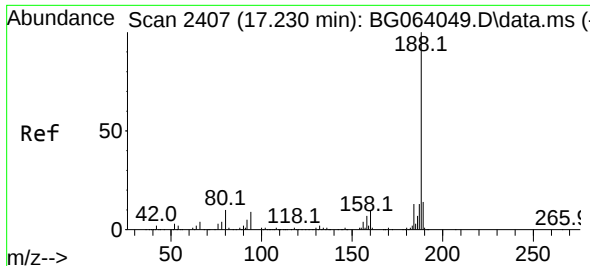
Tgt Ion:330 Resp: 174840
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 38.4 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 93.453 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

Tgt Ion:172 Resp: 625566
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.7 18.7 28.1

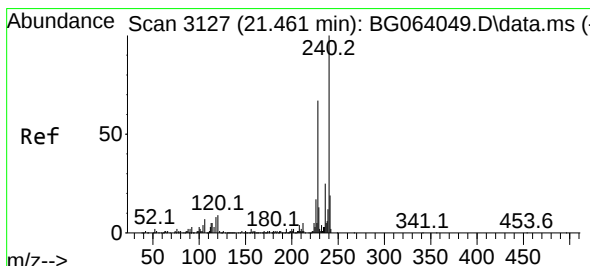
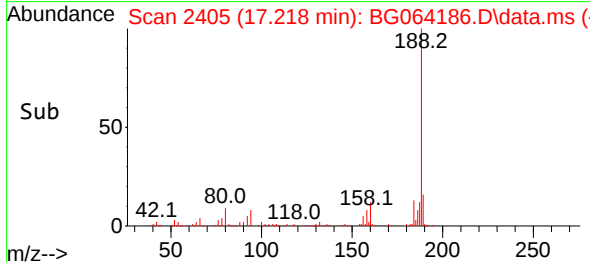
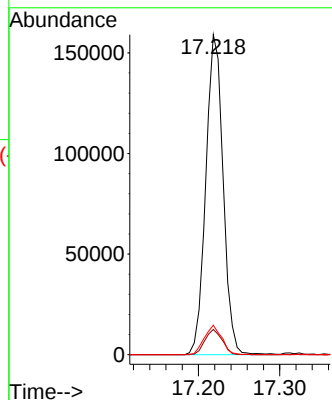
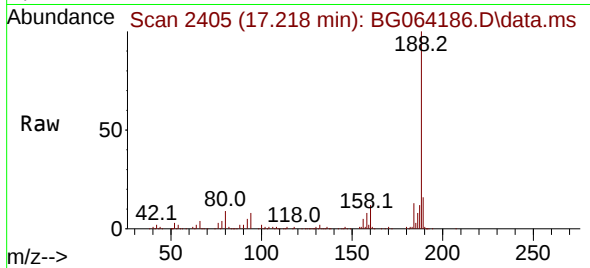




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

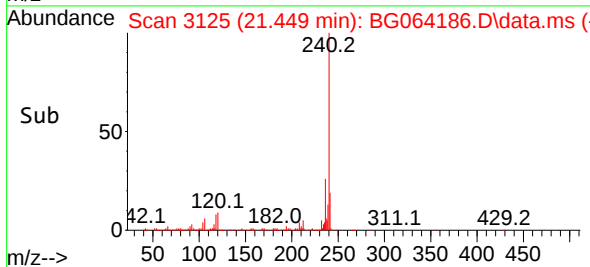
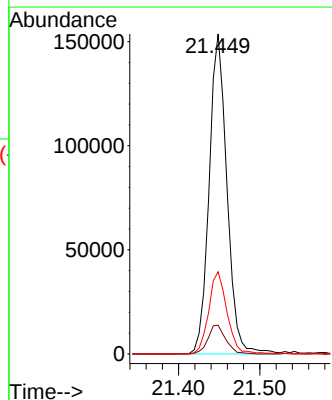
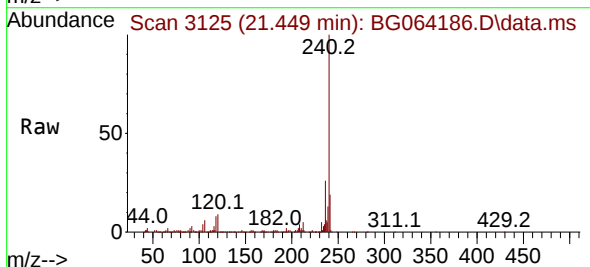
Instrument :
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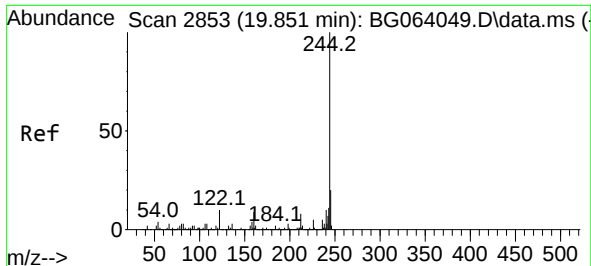
Tgt Ion:188 Resp: 234899
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064186.D
Acq: 4 Apr 2025 4:05

Tgt Ion:240 Resp: 233866
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 25.7 20.2 30.2

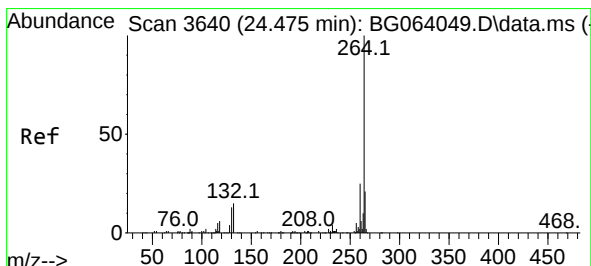
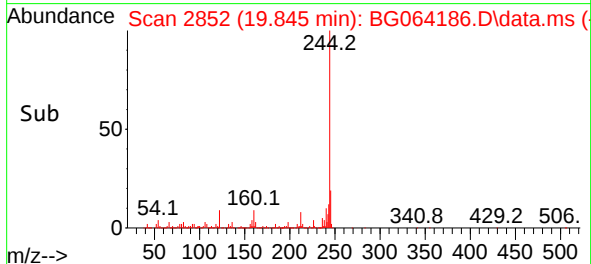
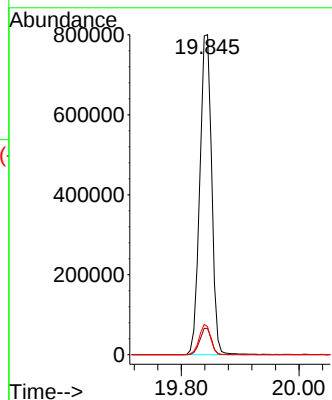
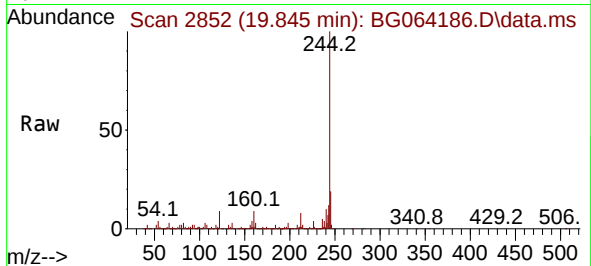




#79
 Terphenyl-d14
 Concen: 96.847 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064186.D
 Acq: 4 Apr 2025 4:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tgt Ion:244 Resp: 1120144
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 8.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 3637
 Delta R.T. -0.018 min
 Lab File: BG064186.D
 Acq: 4 Apr 2025 4:05

Tgt Ion:264 Resp: 234620
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 23.1 16.6 25.0

