

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064084.D
 Acq On : 10 Mar 2025 17:05
 Operator : RC/JU
 Sample : Q1514-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-SB01

Quant Time: Mar 10 18:48:33 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	7.861	152	30932	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	125637	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	82477	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	191417	20.000	ng	0.00
76) Chrysene-d12	21.457	240	227681	20.000	ng	0.00
86) Perylene-d12	24.471	264	219074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	267735	135.152	ng	0.00
7) Phenol-d6	7.027	99	315291	116.995	ng	0.00
23) Nitrobenzene-d5	9.012	82	239394	105.298	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	148397	161.866	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	517675	95.271	ng	0.00
79) Terphenyl-d14	19.853	244	1137545	101.023	ng	0.00

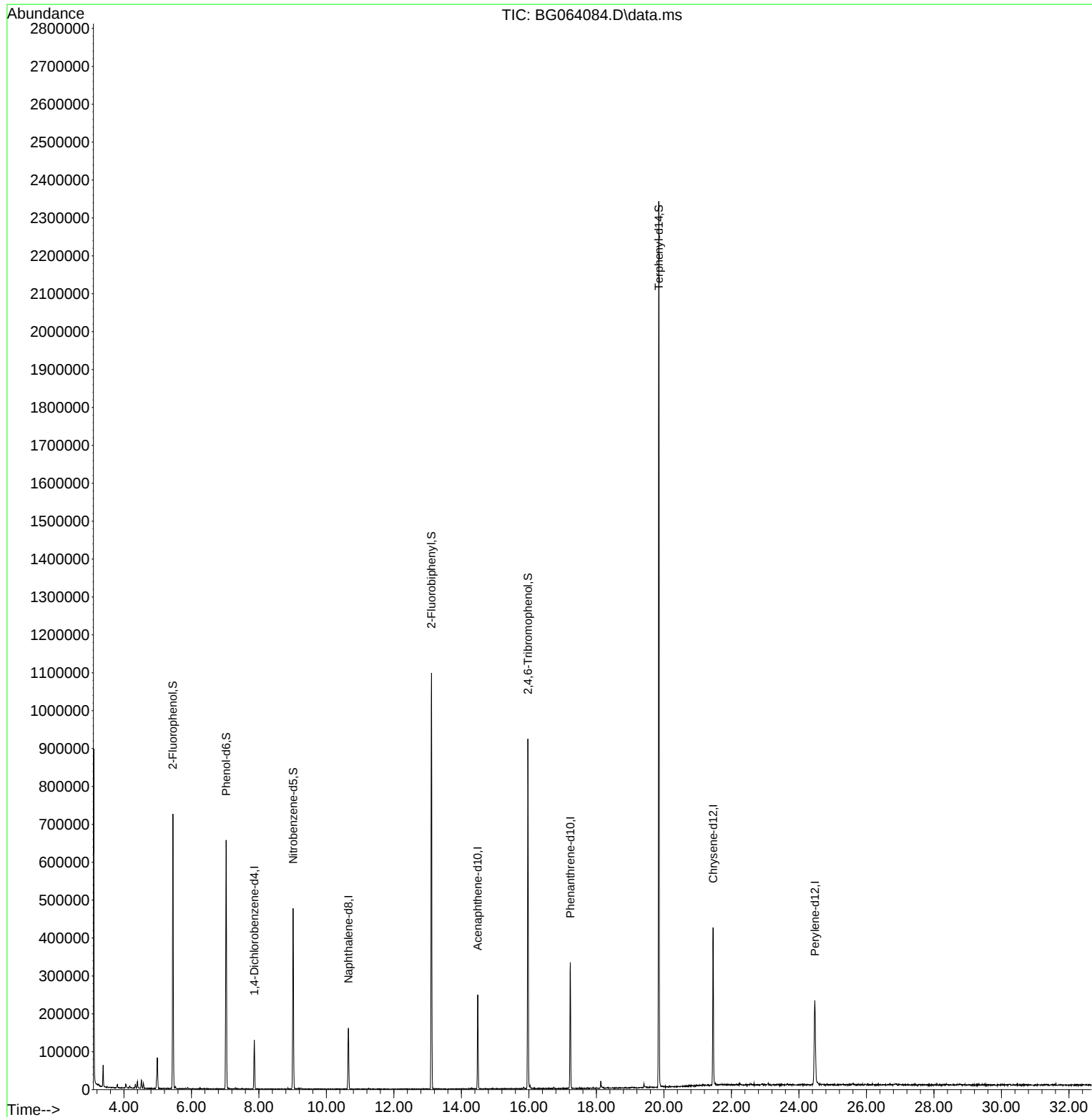
Target Compounds	Qvalue

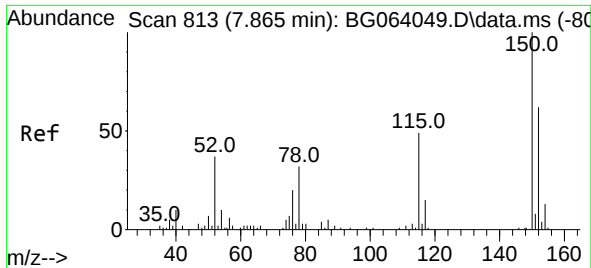
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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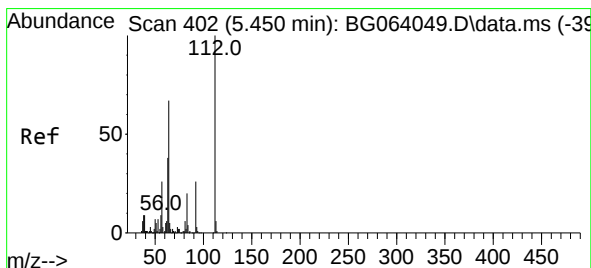
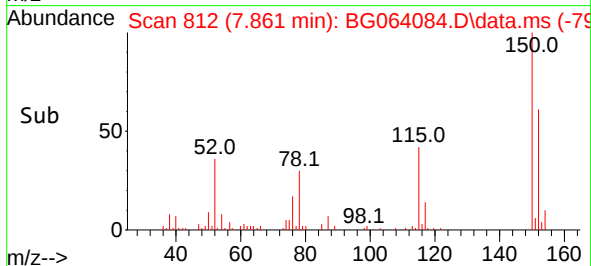
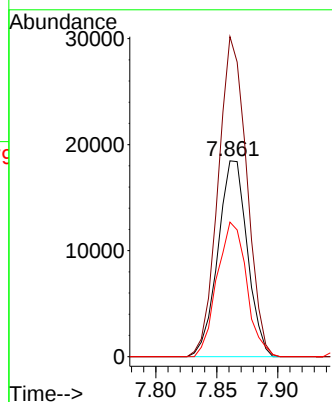
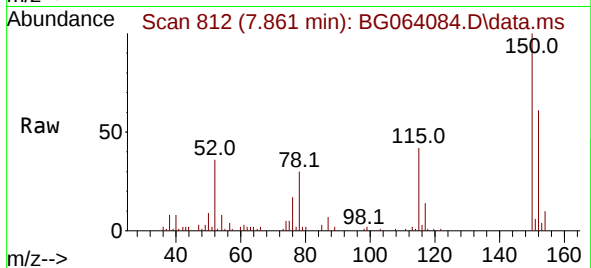




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

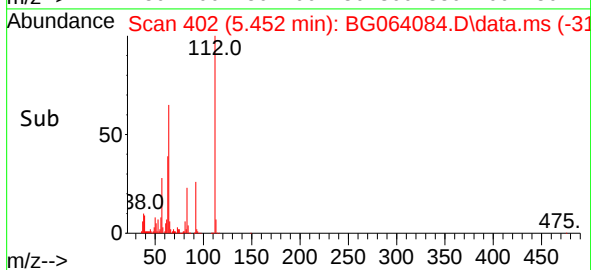
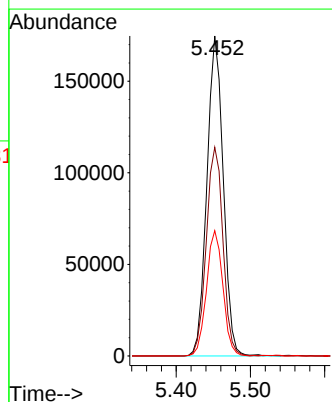
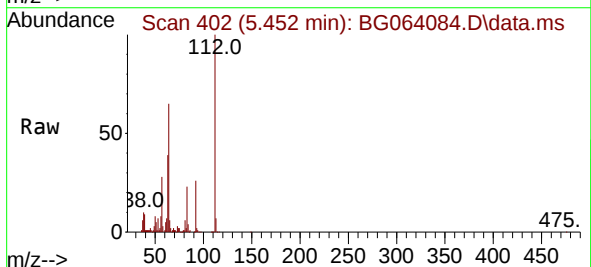
Instrument :
BNA_G
ClientSampleId :
ENV-103-SB01

Tgt Ion:152 Resp: 30932
Ion Ratio Lower Upper
152 100
150 163.4 129.2 193.8
115 68.7 63.0 94.6



#5
2-Fluorophenol
Concen: 135.152 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

Tgt Ion:112 Resp: 267735
Ion Ratio Lower Upper
112 100
64 65.2 53.7 80.5
63 39.1 30.2 45.4

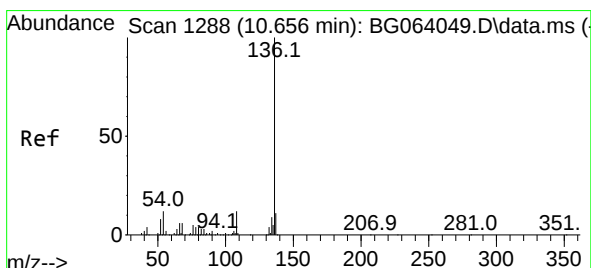
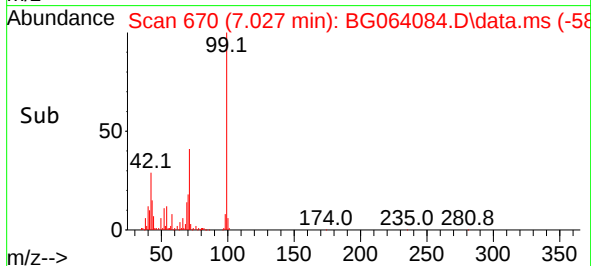
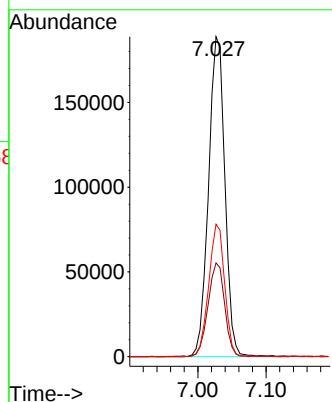
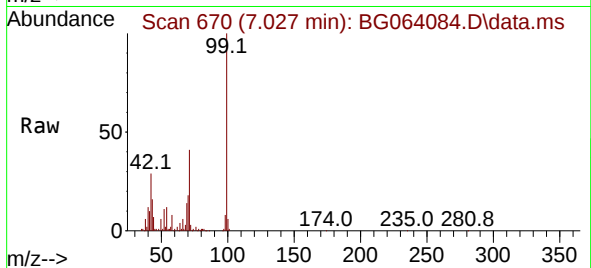




#7
Phenol-d6
Concen: 116.995 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

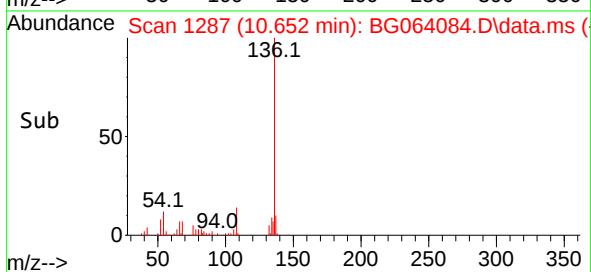
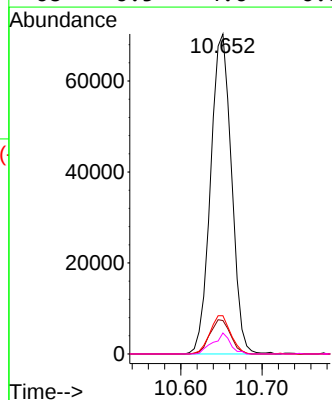
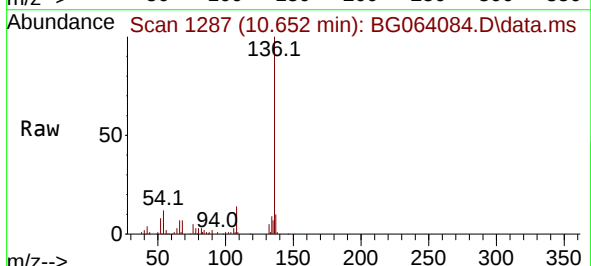
Instrument :
BNA_G
ClientSampleId :
ENV-103-SB01

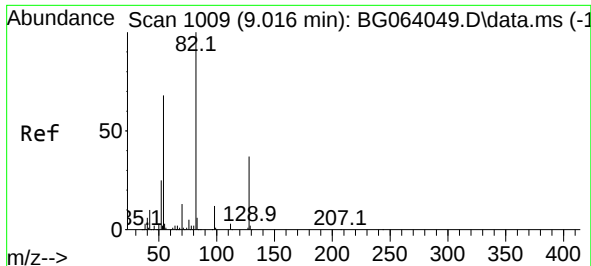
Tgt Ion: 99 Resp: 315291
Ion Ratio Lower Upper
99 100
42 29.3 22.7 34.1
71 41.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

Tgt Ion:136 Resp: 125637
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 12.0 9.9 14.9
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 105.298 ng

RT: 9.012 min Scan# 1009

Delta R.T. -0.004 min

Lab File: BG064084.D

Acq: 10 Mar 2025 17:05

Instrument :

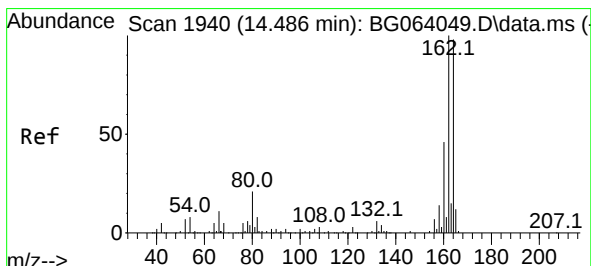
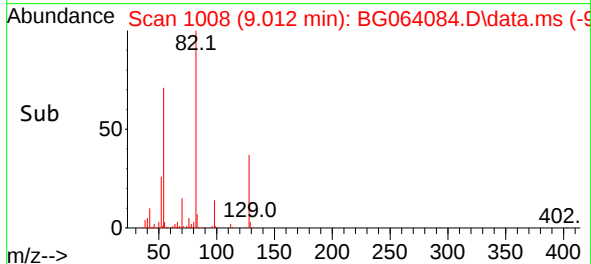
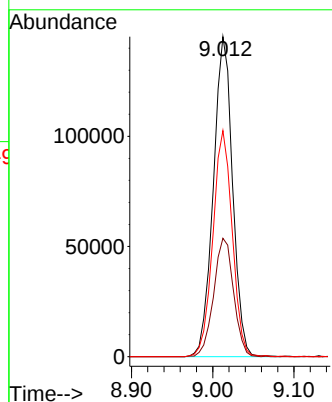
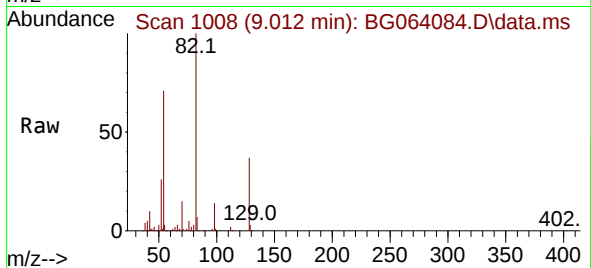
BNA_G

ClientSampleId :

ENV-103-SB01

Tgt Ion: 82 Resp: 239394

Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.0	45.0
54	70.6	54.7	82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

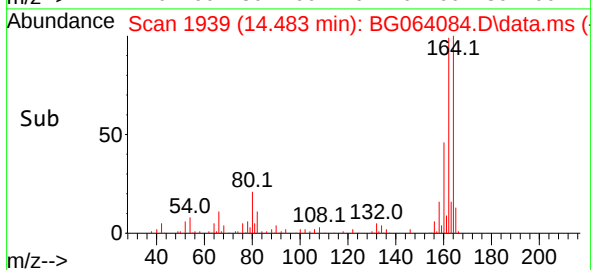
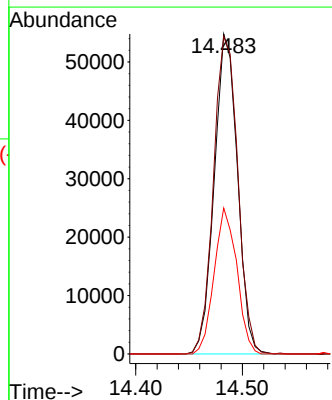
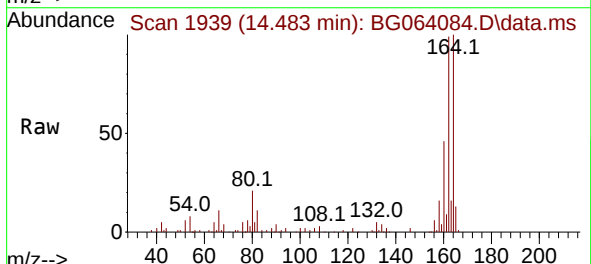
Delta R.T. -0.003 min

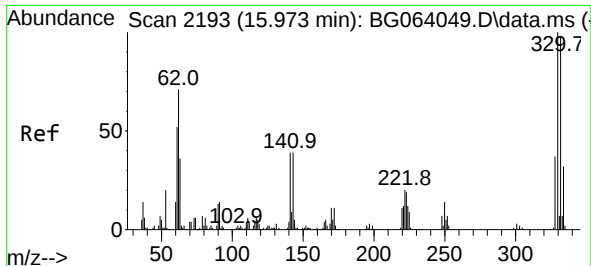
Lab File: BG064084.D

Acq: 10 Mar 2025 17:05

Tgt Ion: 164 Resp: 82477

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	45.6	37.0	55.6

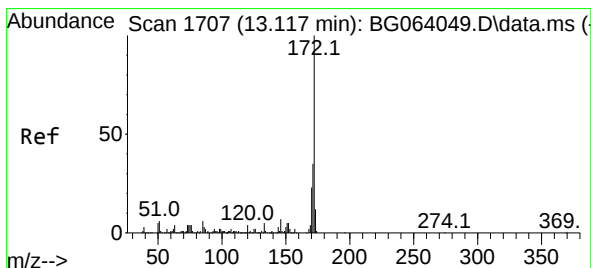
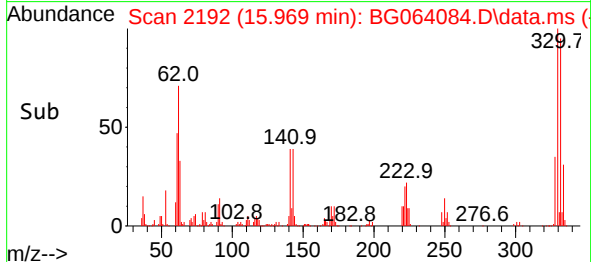
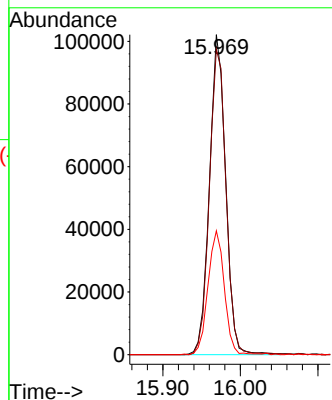
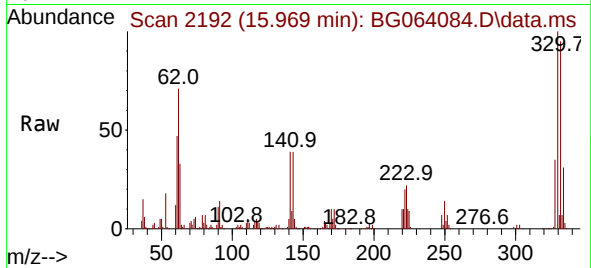




#42
2,4,6-Tribromophenol
Concen: 161.866 ng
RT: 15.969 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

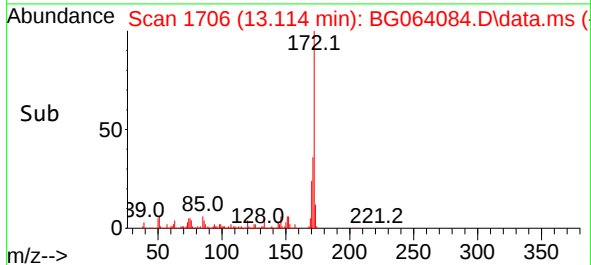
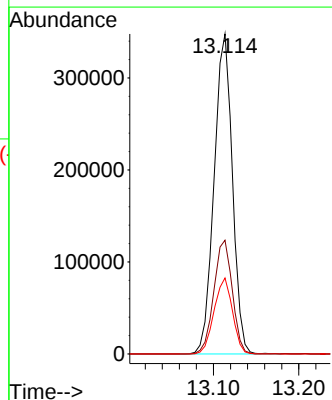
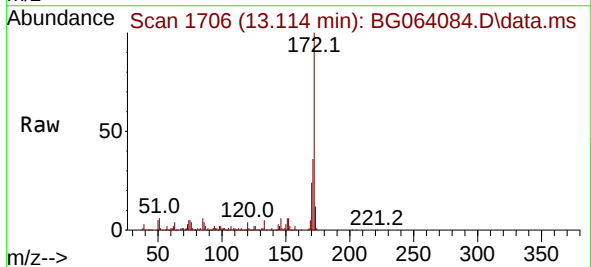
Instrument :
BNA_G
ClientSampleId :
ENV-103-SB01

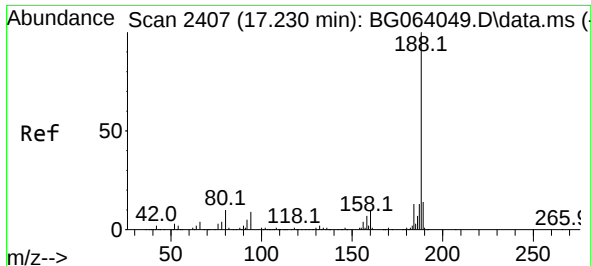
Tgt Ion:330 Resp: 148397
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 38.9 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 95.271 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

Tgt Ion:172 Resp: 517675
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.7 18.7 28.1

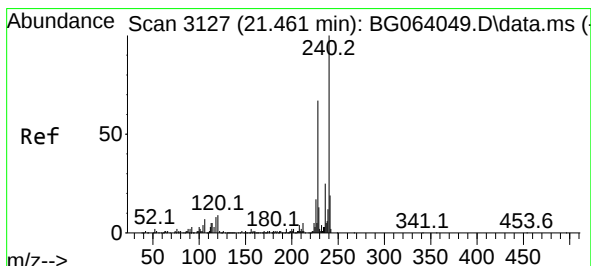
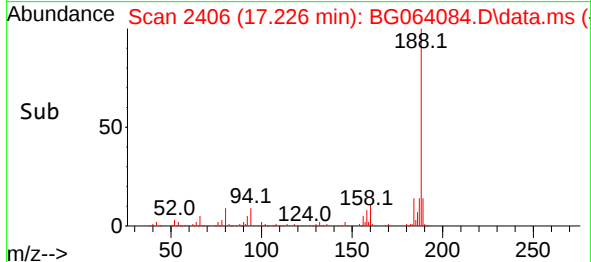
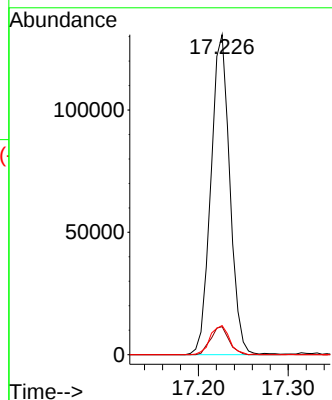
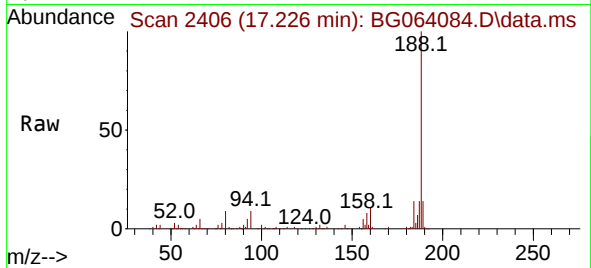




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

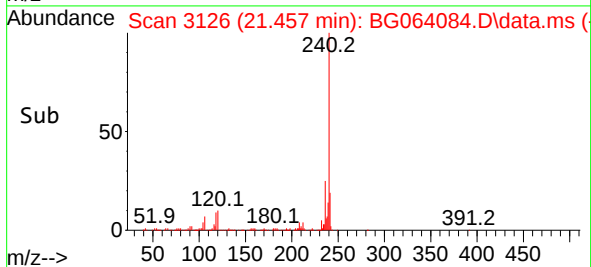
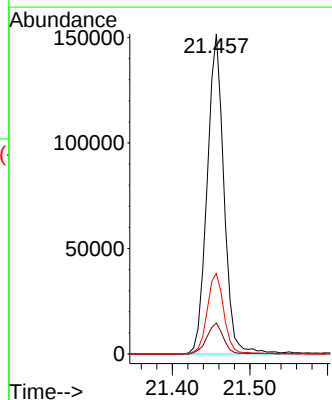
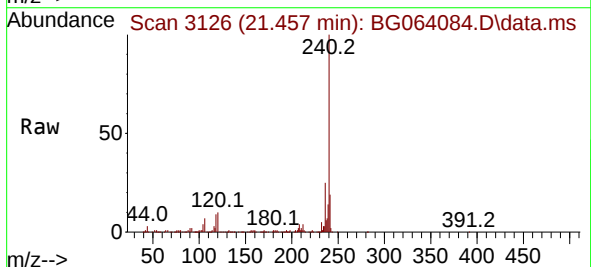
Instrument :
BNA_G
ClientSampleId :
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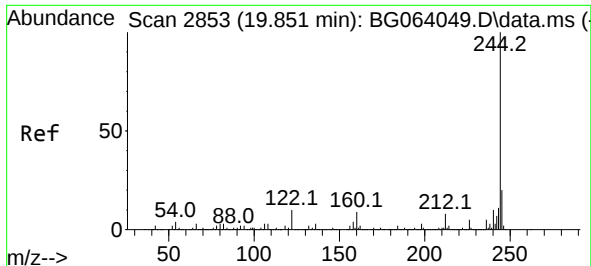
Tgt Ion:188 Resp: 191417
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064084.D
Acq: 10 Mar 2025 17:05

Tgt Ion:240 Resp: 227681
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 25.2 20.2 30.2

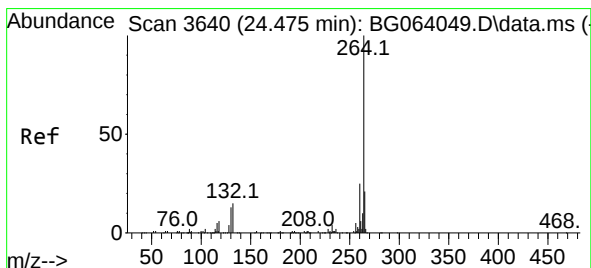
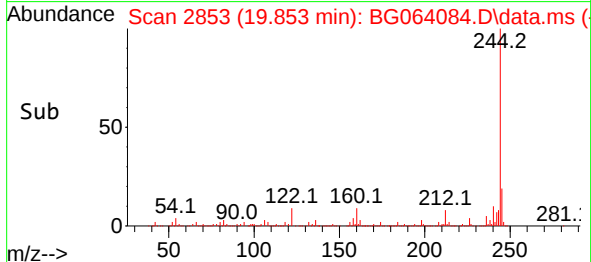
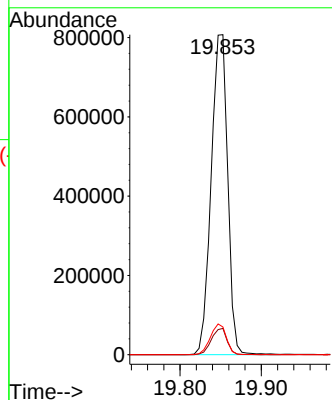
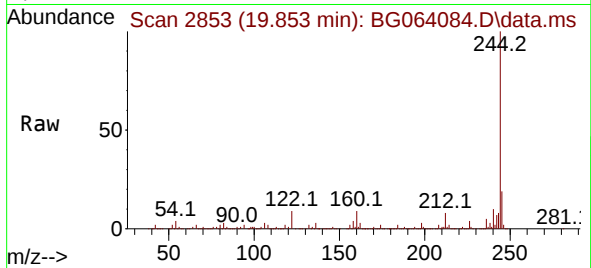




#79
 Terphenyl-d14
 Concen: 101.023 ng
 RT: 19.853 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG064084.D
 Acq: 10 Mar 2025 17:05

Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-SB01

Tgt Ion:244 Resp: 1137545
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 8.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.471 min Scan# 3639
 Delta R.T. -0.004 min
 Lab File: BG064084.D
 Acq: 10 Mar 2025 17:05

Tgt Ion:264 Resp: 219074
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.6 16.6 25.0

