

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064078.D
 Acq On : 10 Mar 2025 13:03
 Operator : RC/JU
 Sample : Q1488-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB01

Quant Time: Mar 10 14:39:34 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	7.862	152	35165	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	144374	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	92311	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	221718	20.000	ng	0.00
76) Chrysene-d12	21.457	240	232567	20.000	ng	0.00
86) Perylene-d12	24.472	264	240035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	310073	137.683	ng	0.00
7) Phenol-d6	7.027	99	365905	119.432	ng	0.00
23) Nitrobenzene-d5	9.013	82	285483	109.274	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	183023	178.367	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	617599	101.553	ng	0.00
79) Terphenyl-d14	19.848	244	1245450	108.283	ng	0.00

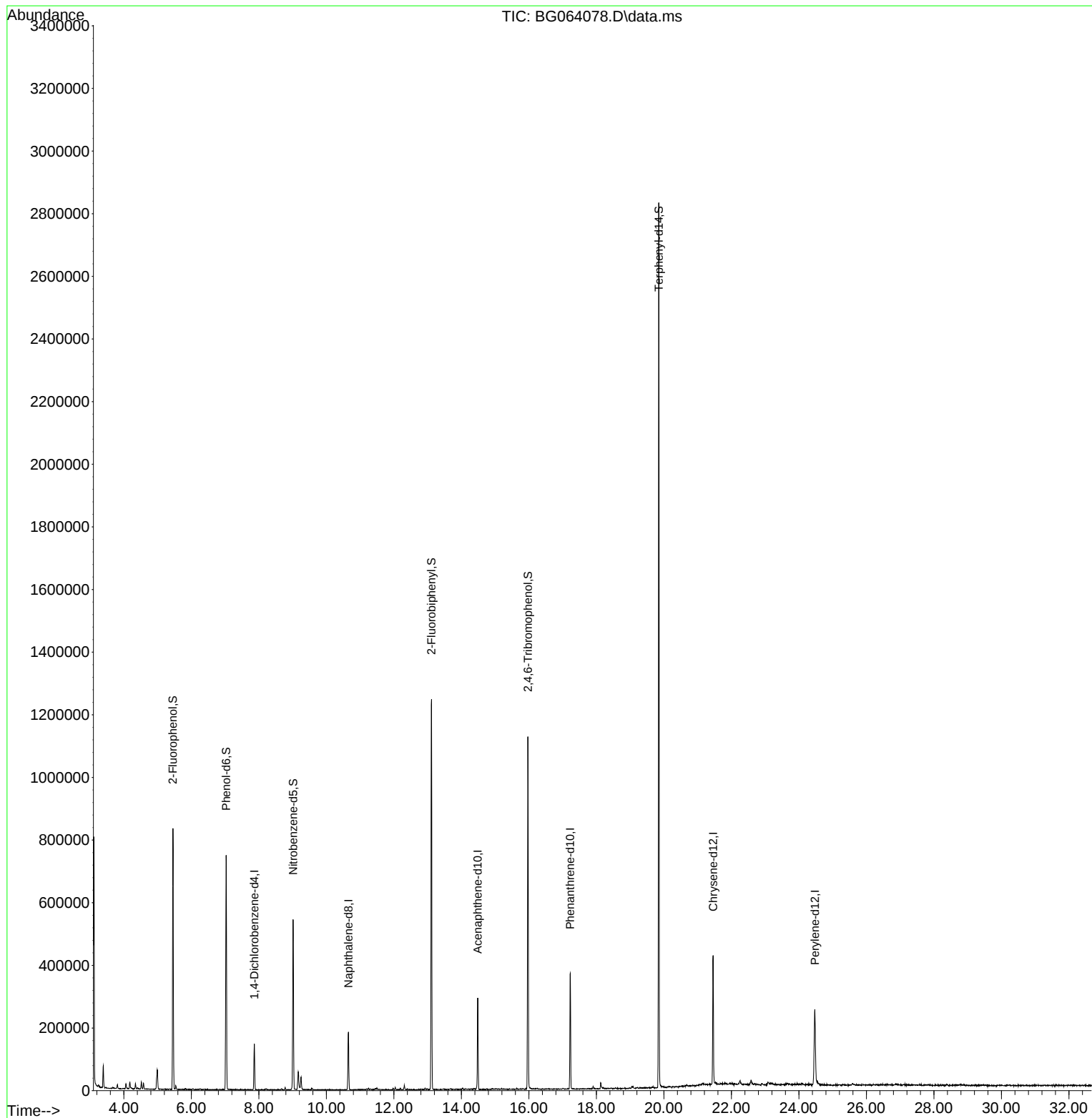
Target Compounds	Qvalue

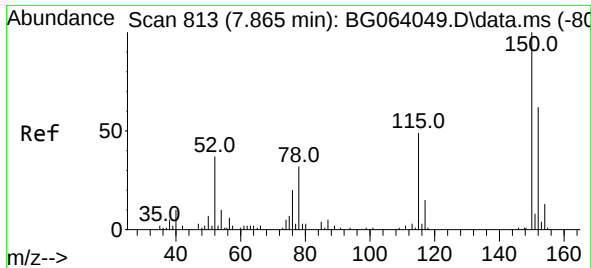
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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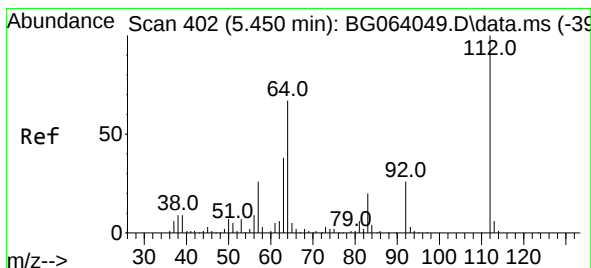
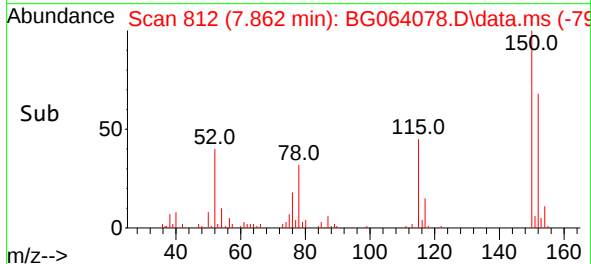
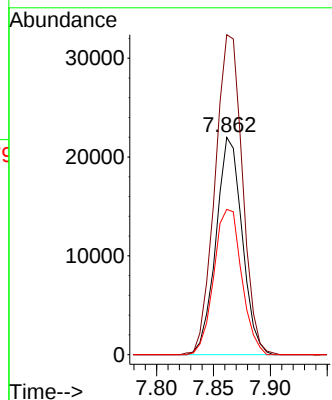
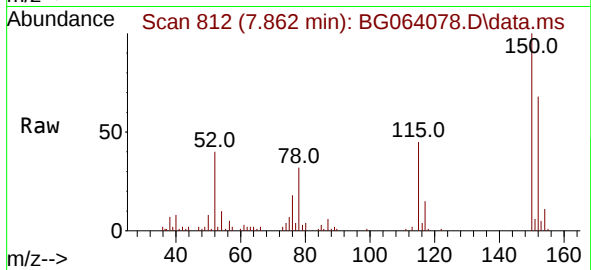




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

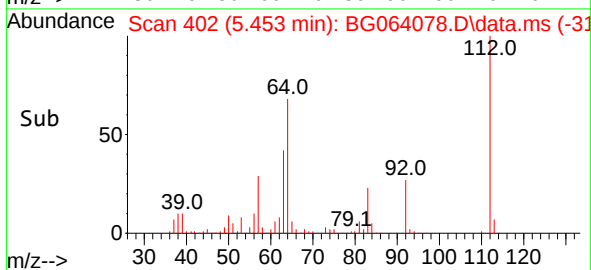
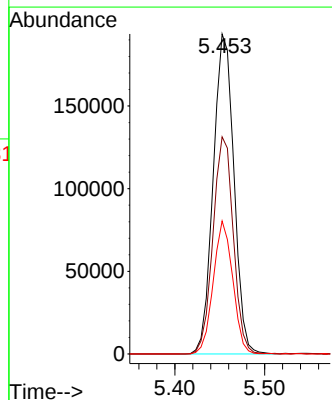
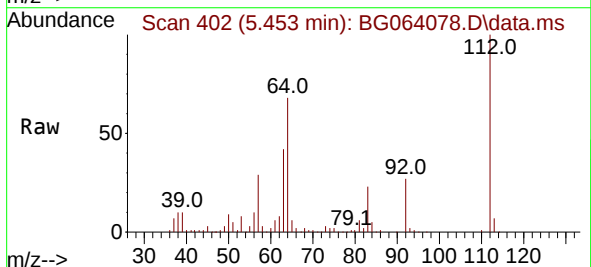
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

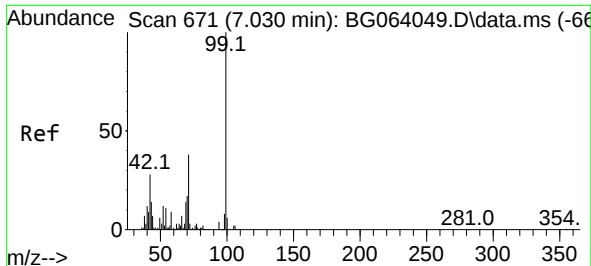
Tgt Ion:152 Resp: 35165
Ion Ratio Lower Upper
152 100
150 147.3 129.2 193.8
115 66.9 63.0 94.6



#5
2-Fluorophenol
Concen: 137.683 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:112 Resp: 310073
Ion Ratio Lower Upper
112 100
64 67.9 53.7 80.5
63 41.6 30.2 45.4

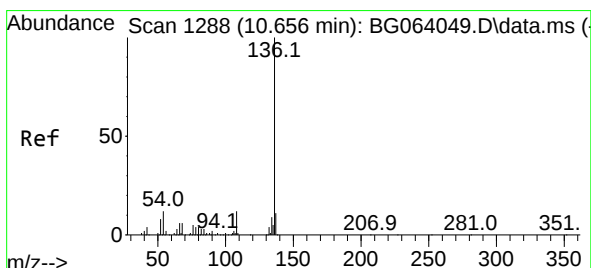
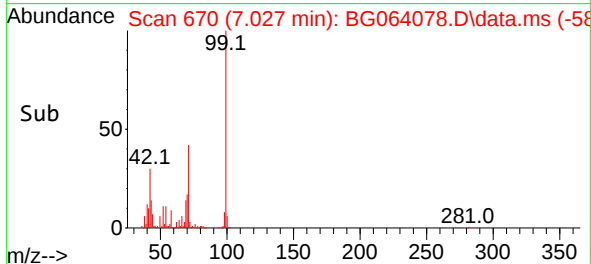
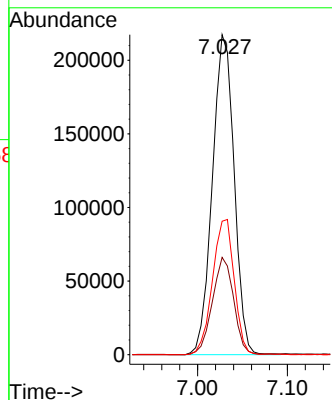
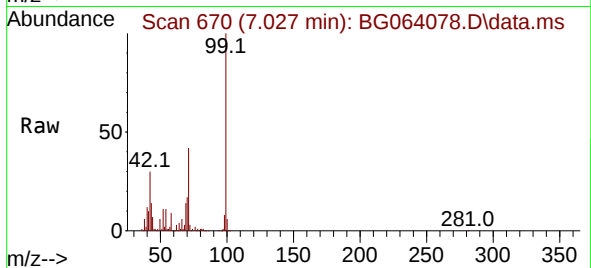




#7
Phenol-d6
Concen: 119.432 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

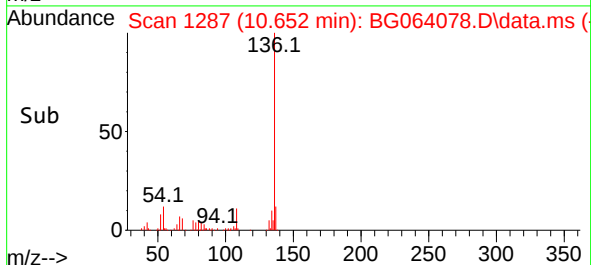
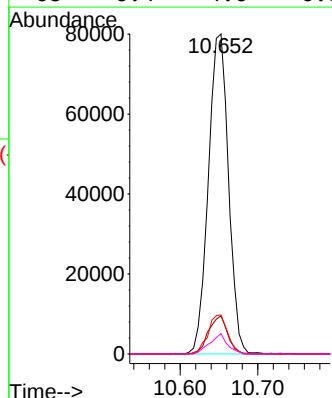
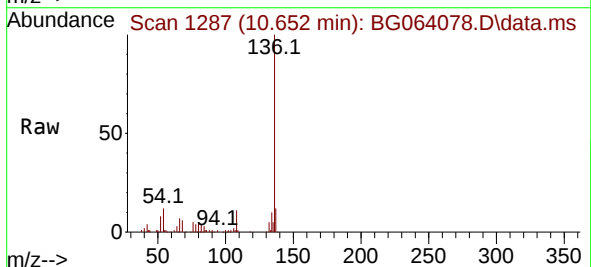
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB01

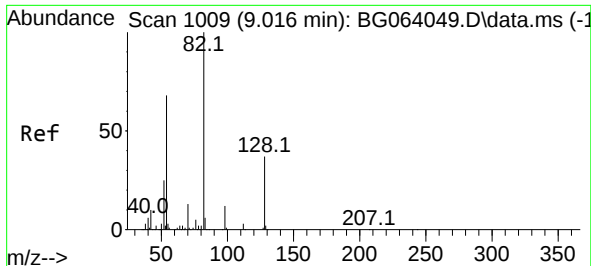
Tgt Ion: 99 Resp: 365905
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 41.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion: 136 Resp: 144374
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 12.2 9.9 14.9
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 109.274 ng

RT: 9.013 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG064078.D

Acq: 10 Mar 2025 13:03

Instrument :

BNA_G

ClientSampleId :

ENV-102-SB01

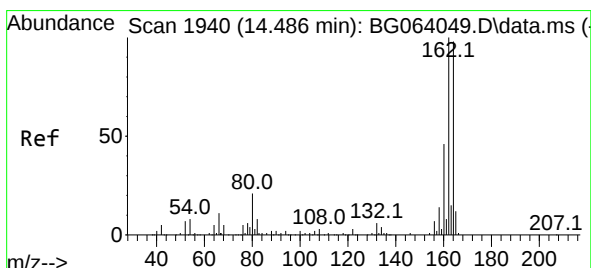
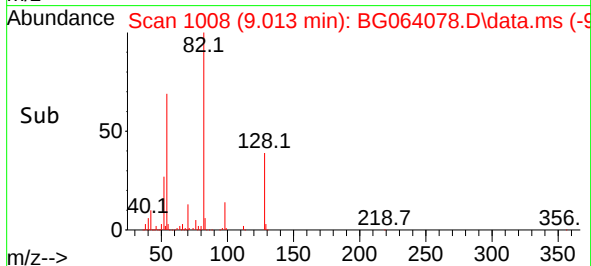
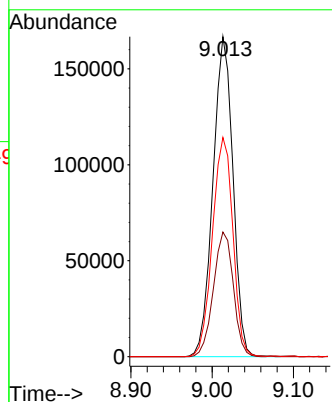
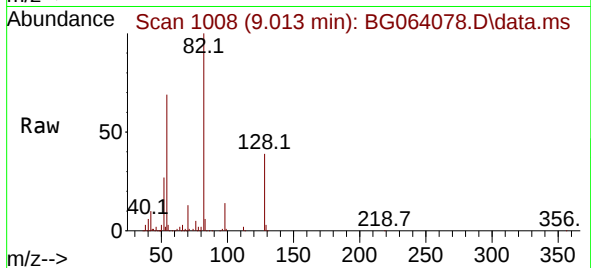
Tgt Ion: 82 Resp: 285483

Ion Ratio Lower Upper

82 100

128 39.0 30.0 45.0

54 68.5 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: BG064078.D

Acq: 10 Mar 2025 13:03

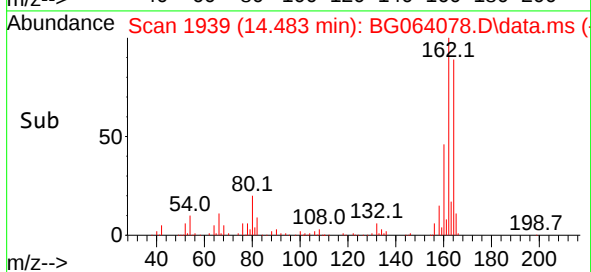
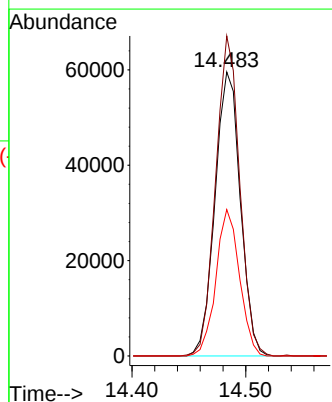
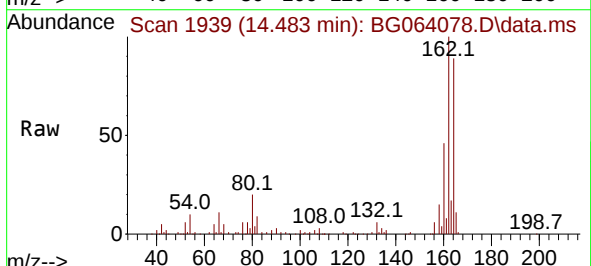
Tgt Ion:164 Resp: 92311

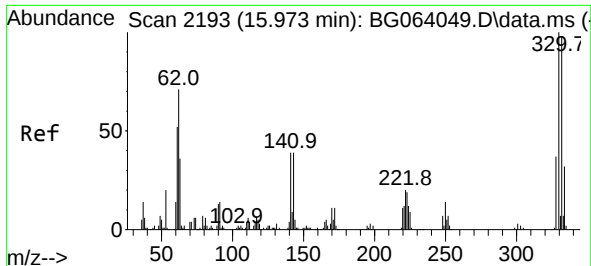
Ion Ratio Lower Upper

164 100

162 112.7 81.4 122.0

160 51.5 37.0 55.6

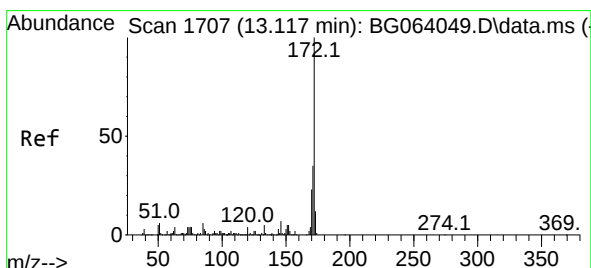
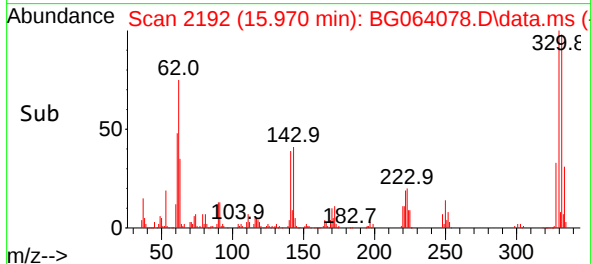
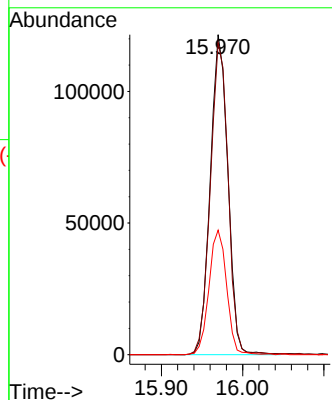
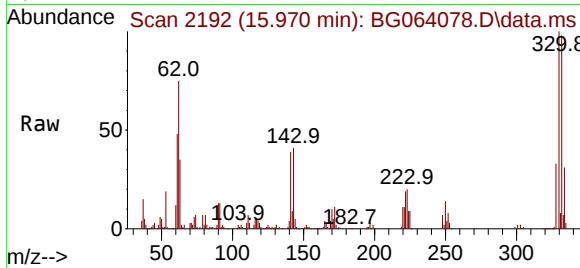




#42
2,4,6-Tribromophenol
Concen: 178.367 ng
RT: 15.970 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

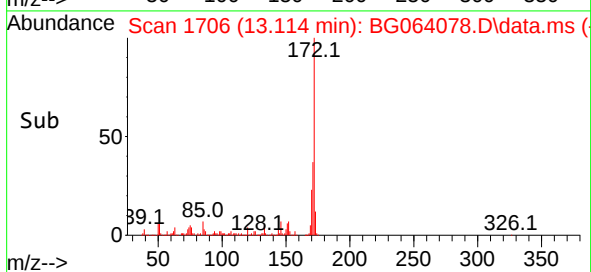
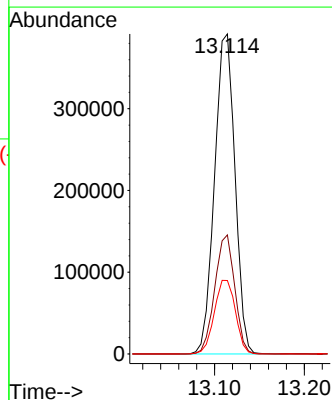
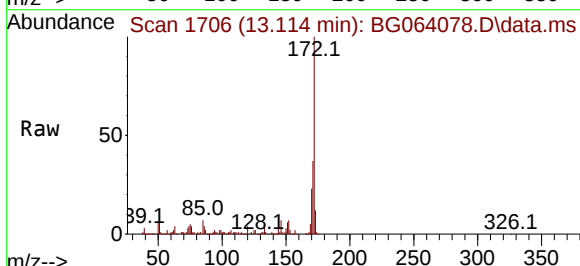
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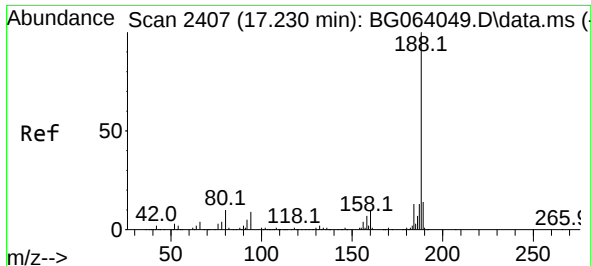
Tgt Ion:330 Resp: 183023
Ion Ratio Lower Upper
330 100
332 98.2 76.7 115.1
141 38.8 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 101.553 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:172 Resp: 617599
Ion Ratio Lower Upper
172 100
171 37.2 28.0 42.0
170 23.0 18.7 28.1

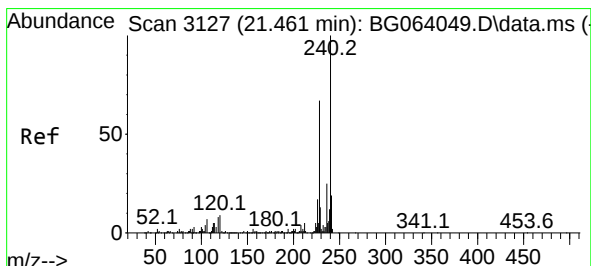
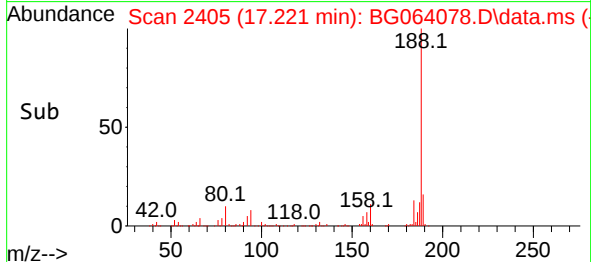
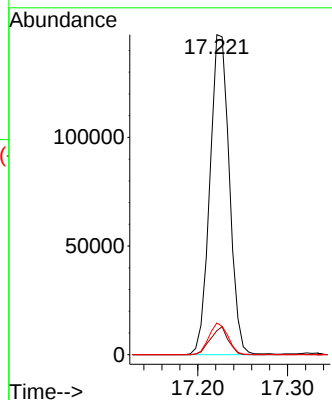
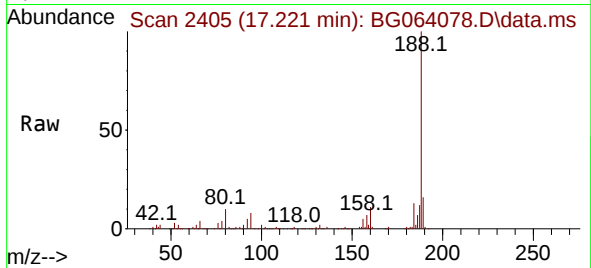




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

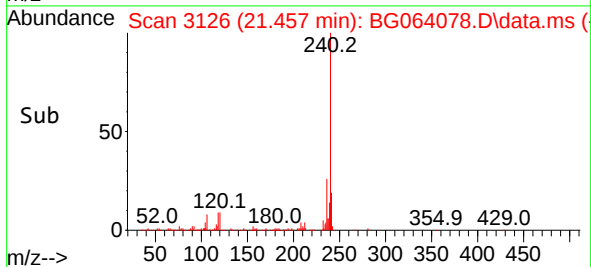
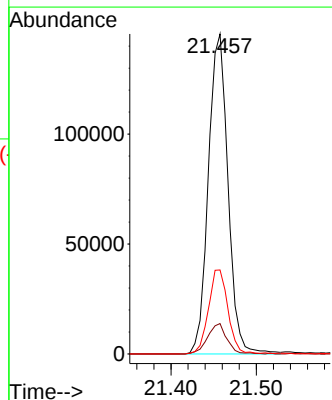
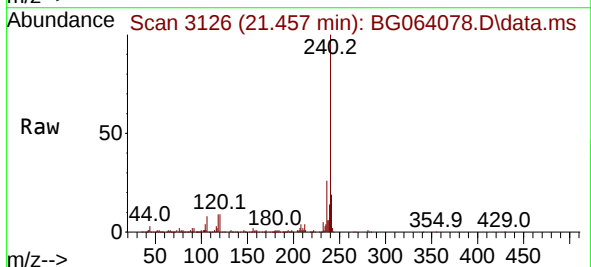
Instrument :
BNA_G
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ENV-102-SB01

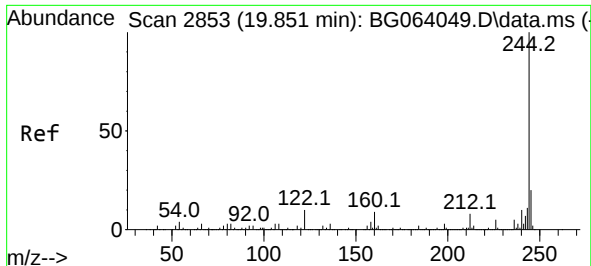
Tgt Ion:188 Resp: 221718
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

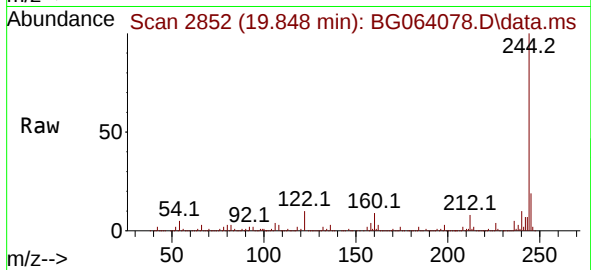
Tgt Ion:240 Resp: 232567
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 26.2 20.2 30.2



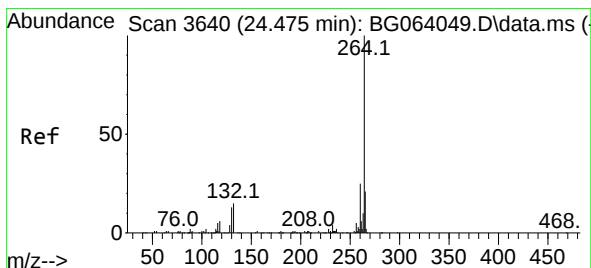
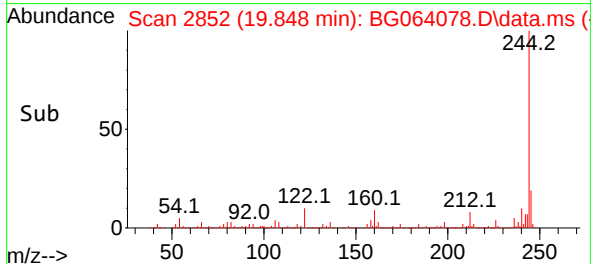
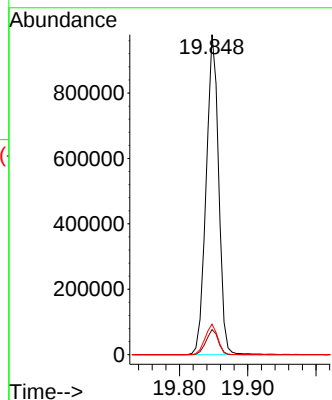


#79
Terphenyl-d14
Concen: 108.283 ng
RT: 19.848 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 1245450
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 9.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.472 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BG064078.D
Acq: 10 Mar 2025 13:03

Tgt Ion:264 Resp: 240035
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.1 16.6 25.0

