

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064077.D
 Acq On : 10 Mar 2025 12:22
 Operator : RC/JU
 Sample : Q1488-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-101-SB02

Quant Time: Mar 10 14:01:03 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	7.865	152	37069	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	149931	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	95174	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	219929	20.000	ng	0.00
76) Chrysene-d12	21.455	240	243609	20.000	ng	0.00
86) Perylene-d12	24.475	264	255654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	315892	133.062	ng	0.00
7) Phenol-d6	7.031	99	370340	114.671	ng	0.00
23) Nitrobenzene-d5	9.016	82	289407	106.670	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	180035	170.177	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	593715	94.689	ng	0.00
79) Terphenyl-d14	19.851	244	1204312	99.960	ng	0.00

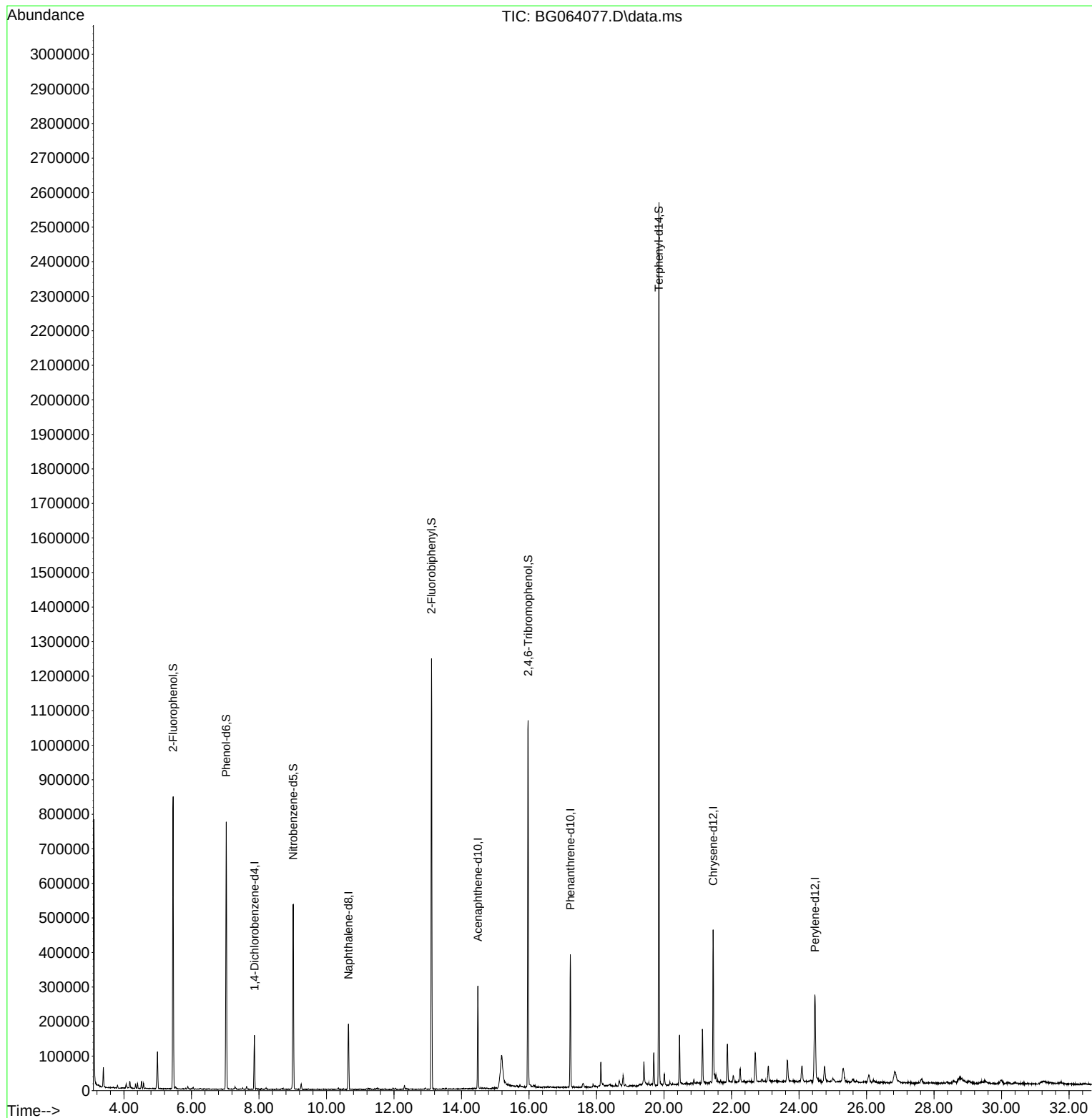
Target Compounds	Qvalue

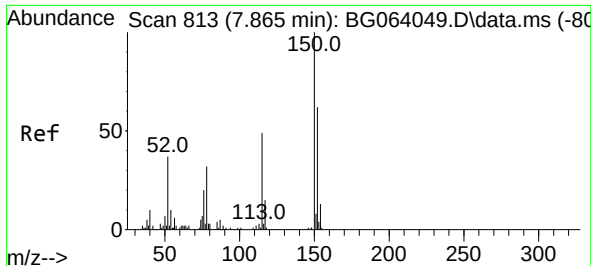
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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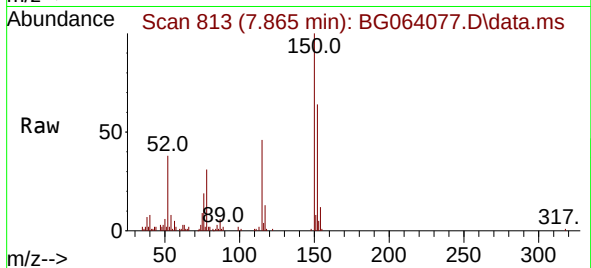
Quant Time: Mar 10 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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QLast Update : Wed Mar 05 15:39:19 2025
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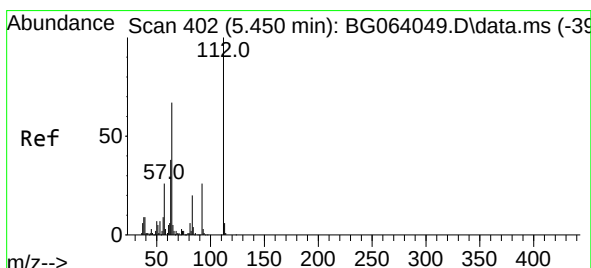
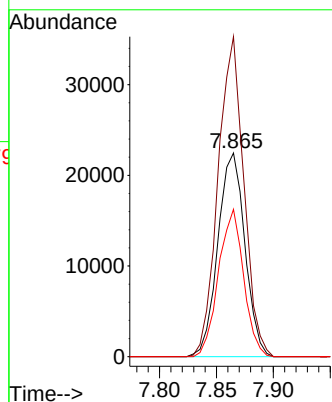
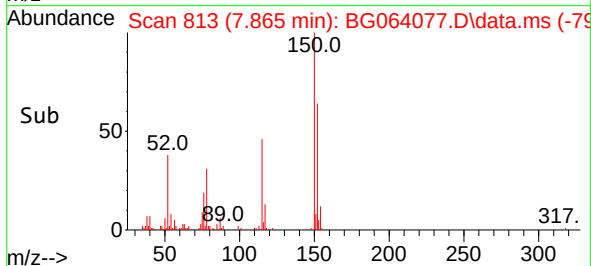


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Instrument :
BNA_G
ClientSampleId :
ENV-101-SB02

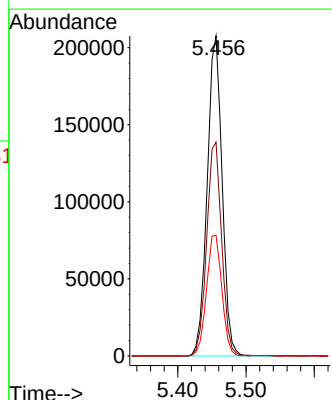
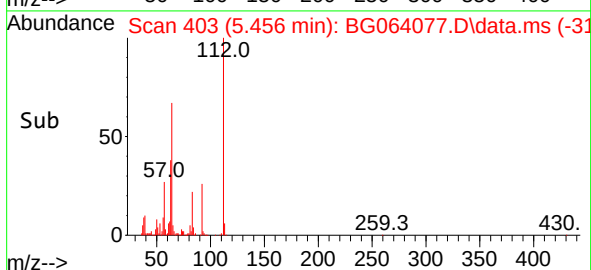
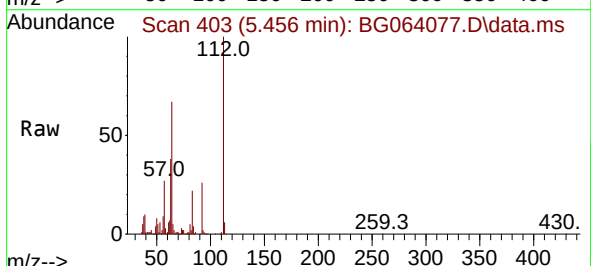


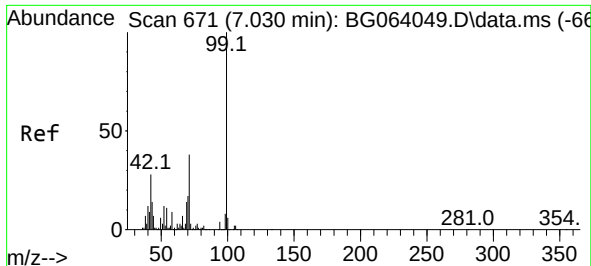
Tgt Ion:152 Resp: 37069
Ion Ratio Lower Upper
152 100
150 157.1 129.2 193.8
115 72.3 63.0 94.6



#5
2-Fluorophenol
Concen: 133.062 ng
RT: 5.456 min Scan# 403
Delta R.T. 0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:112 Resp: 315892
Ion Ratio Lower Upper
112 100
64 66.8 53.7 80.5
63 37.7 30.2 45.4

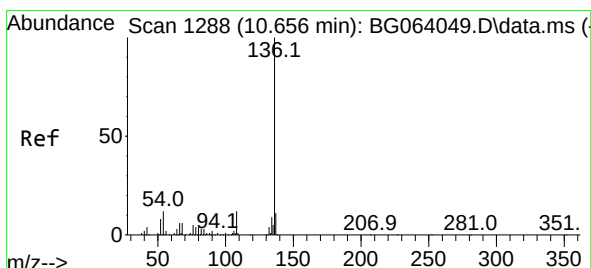
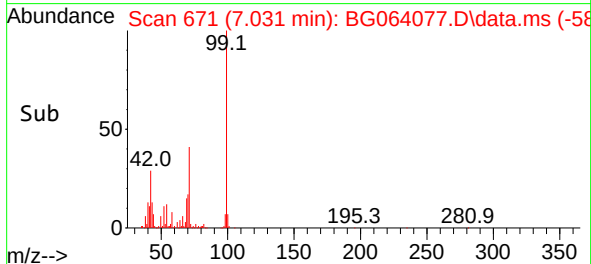
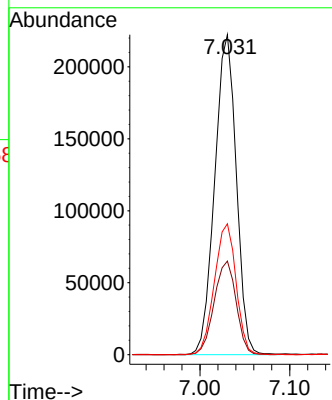
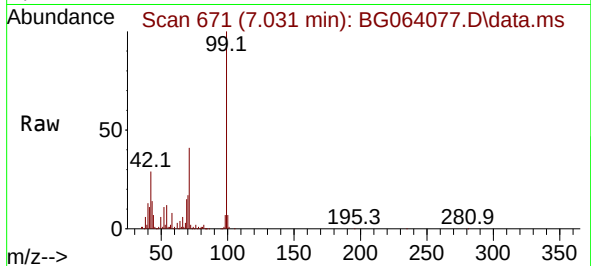




#7
Phenol-d6
Concen: 114.671 ng
RT: 7.031 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

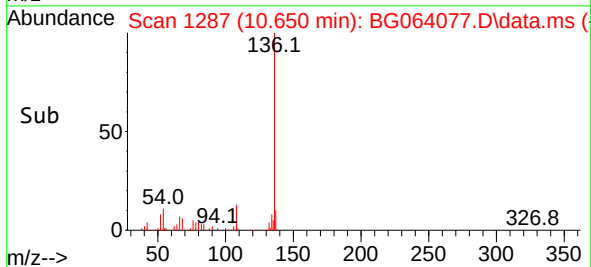
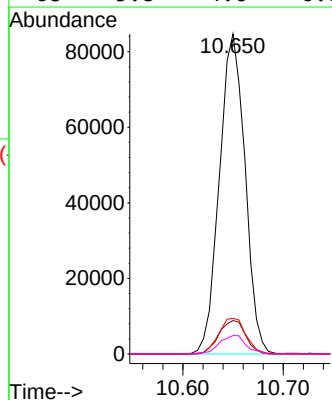
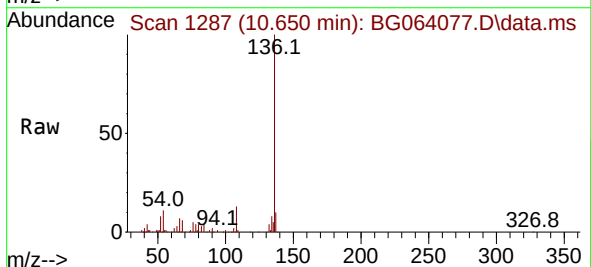
Instrument :
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ClientSampleId :
ENV-101-SB02

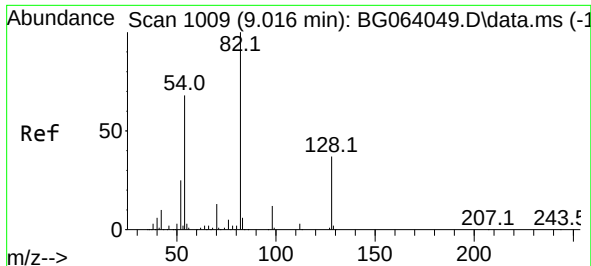
Tgt Ion: 99 Resp: 370340
Ion Ratio Lower Upper
99 100
42 29.2 22.7 34.1
71 40.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:136 Resp: 149931
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.1 9.9 14.9
68 5.8 4.6 6.8

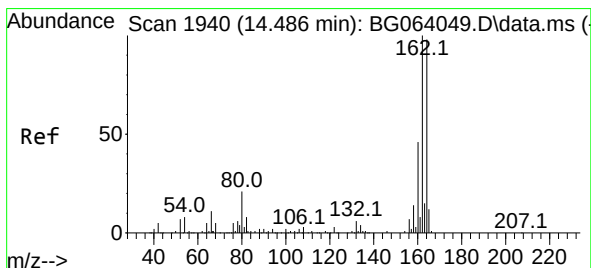
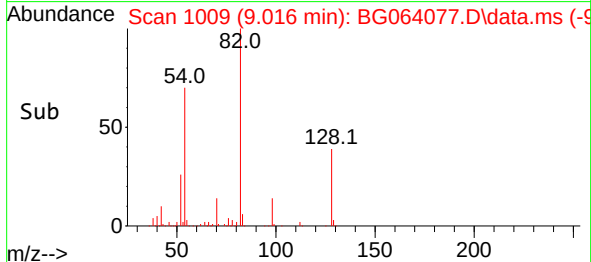
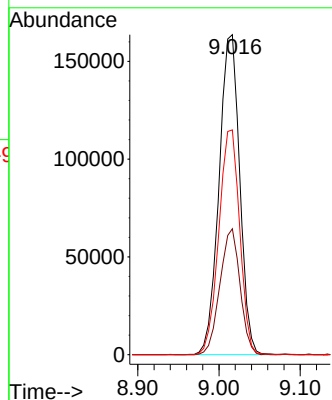
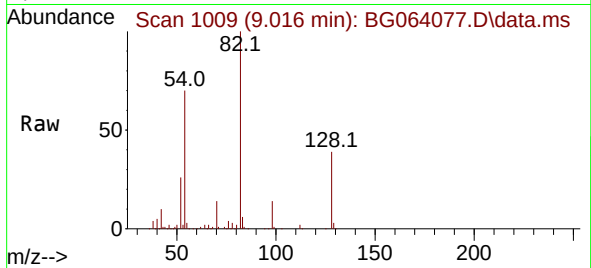




#23
Nitrobenzene-d5
Concen: 106.670 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

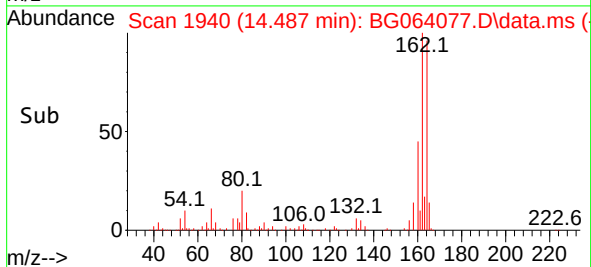
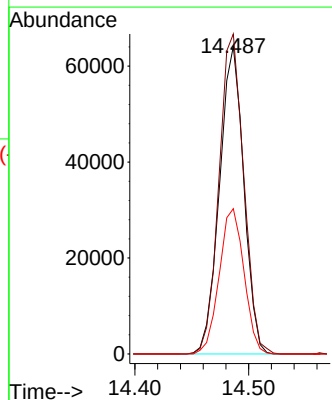
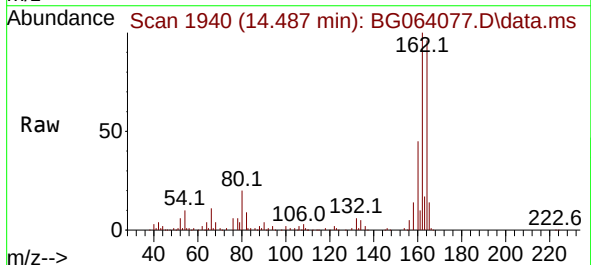
Instrument :
BNA_G
ClientSampleId :
ENV-101-SB02

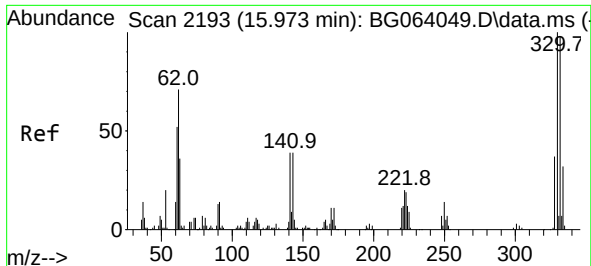
Tgt Ion: 82 Resp: 289407
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 70.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion: 164 Resp: 95174
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 47.3 37.0 55.6

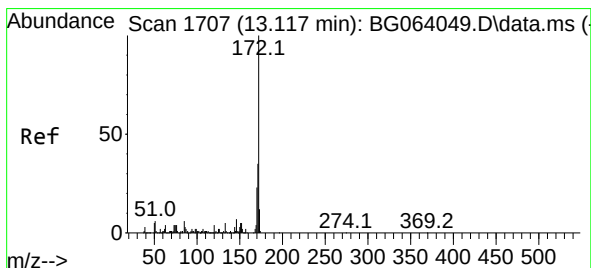
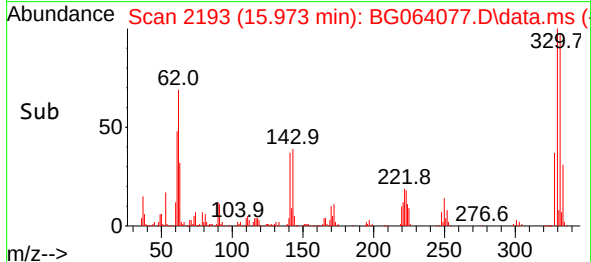
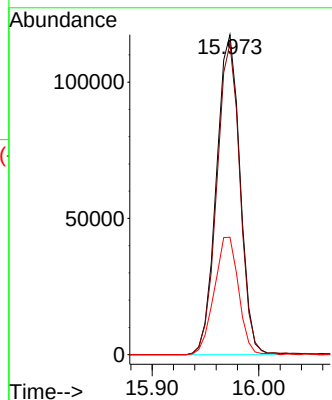
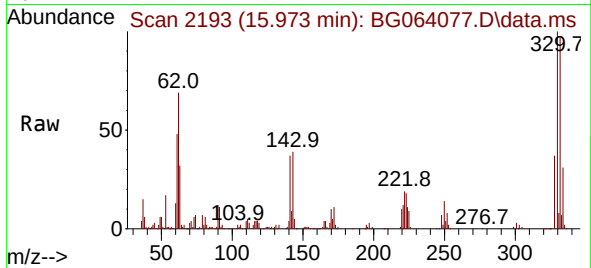




#42
 2,4,6-Tribromophenol
 Concen: 170.177 ng
 RT: 15.973 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BG064077.D
 Acq: 10 Mar 2025 12:22

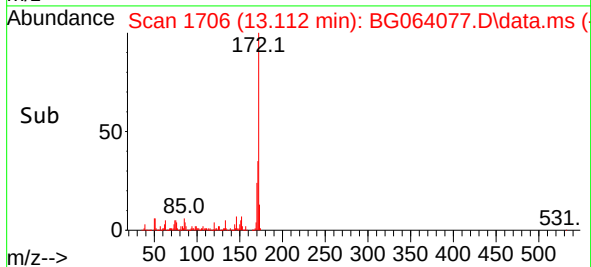
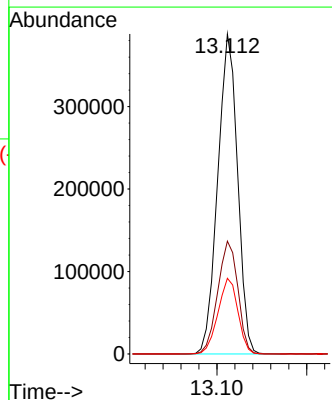
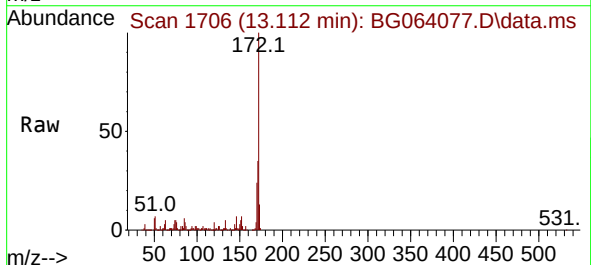
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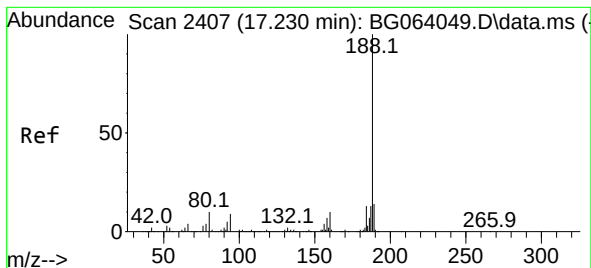
Tgt Ion:330 Resp: 180035
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 38.0 29.7 44.5



#45
 2-Fluorobiphenyl
 Concen: 94.689 ng
 RT: 13.112 min Scan# 1706
 Delta R.T. -0.006 min
 Lab File: BG064077.D
 Acq: 10 Mar 2025 12:22

Tgt Ion:172 Resp: 593715
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.0 42.0
 170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG064077.D

Acq: 10 Mar 2025 12:22

Instrument :

BNA_G

ClientSampleId :

ENV-101-SB02

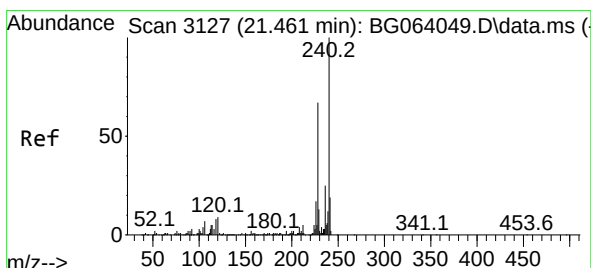
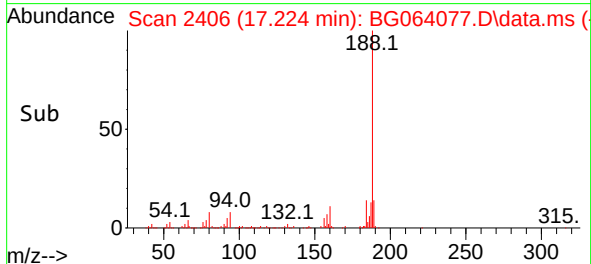
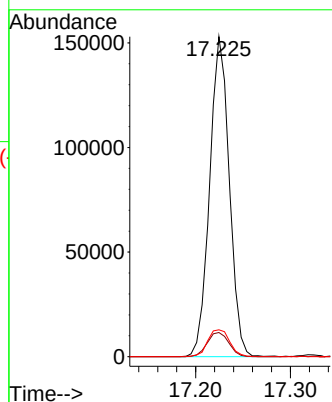
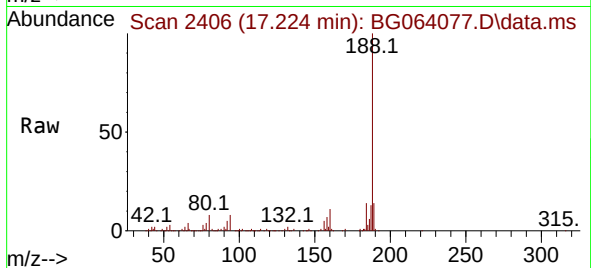
Tgt Ion:188 Resp: 219929

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

80 8.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BG064077.D

Acq: 10 Mar 2025 12:22

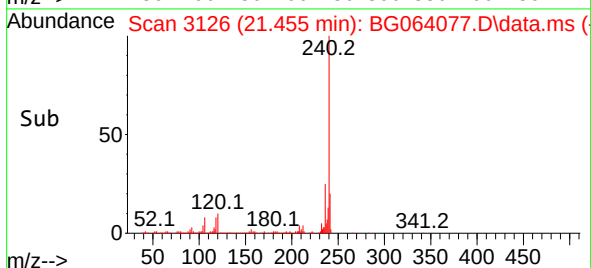
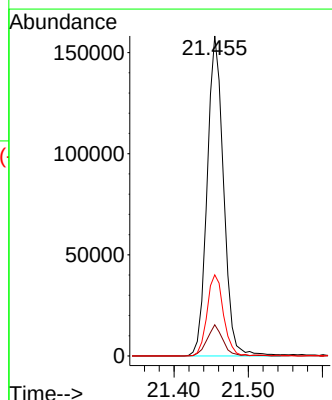
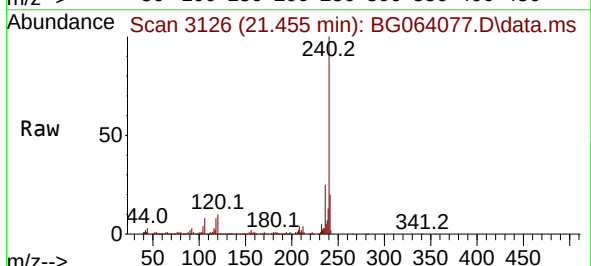
Tgt Ion:240 Resp: 243609

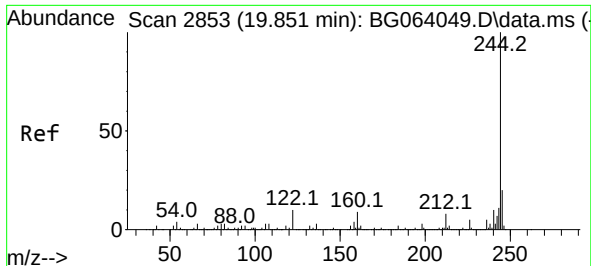
Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 25.3 20.2 30.2

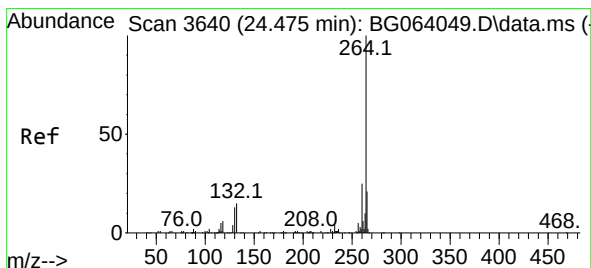
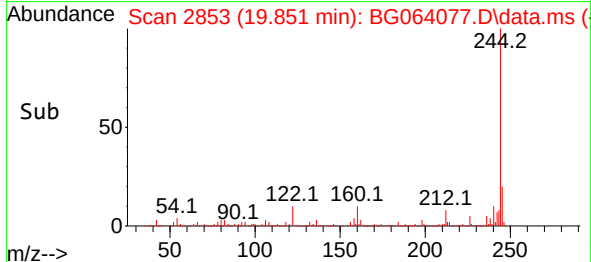
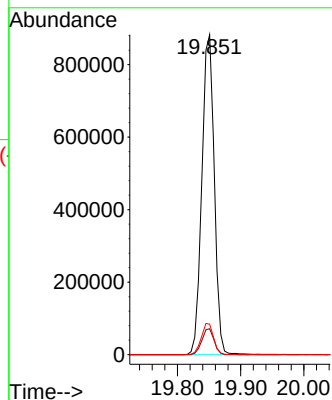
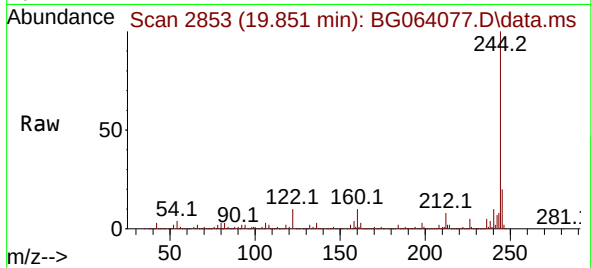




#79
 Terphenyl-d14
 Concen: 99.960 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG064077.D
 Acq: 10 Mar 2025 12:22

Instrument :
 BNA_G
 ClientSampleId :
 ENV-101-SB02

Tgt Ion:244 Resp: 1204312
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.475 min Scan# 3640
 Delta R.T. 0.000 min
 Lab File: BG064077.D
 Acq: 10 Mar 2025 12:22

Tgt Ion:264 Resp: 255654
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 20.4 16.6 25.0

