

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064525.D
 Acq On : 16 Oct 2025 21:03
 Operator : RC/JU
 Sample : Q3354-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HT1403

Quant Time: Oct 16 22:00:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	13143	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	54287	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	41143	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	96485	20.000	ng	0.00
76) Chrysene-d12	21.407	240	124209	20.000	ng	0.00
86) Perylene-d12	24.392	264	142646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	67739	95.384	ng	0.00
7) Phenol-d6	6.995	99	86444	90.579	ng	0.00
23) Nitrobenzene-d5	8.969	82	56154	55.619	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	63452	85.082	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	69965	25.066	ng	0.00
79) Terphenyl-d14	19.803	244	171699	26.161	ng	0.00

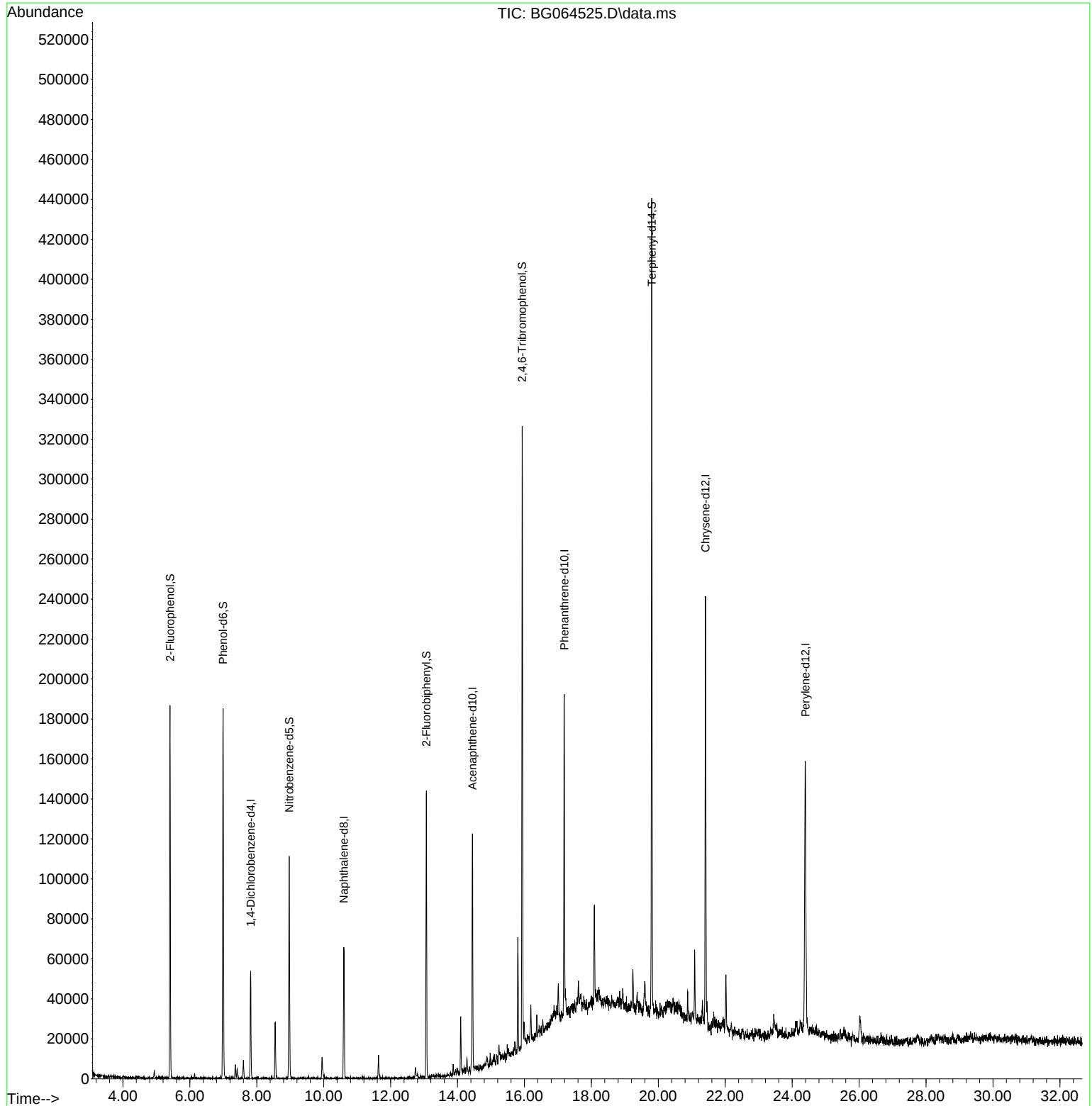
Target Compounds	Qvalue

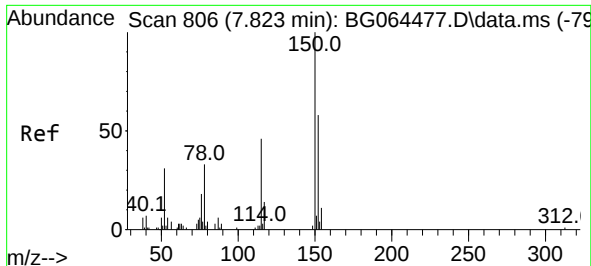
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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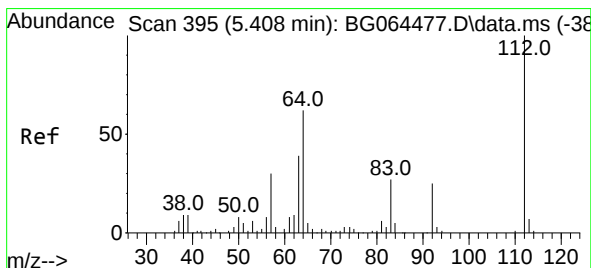
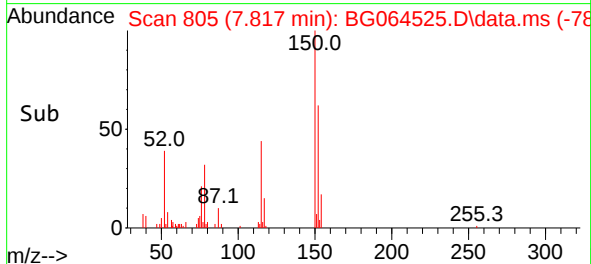
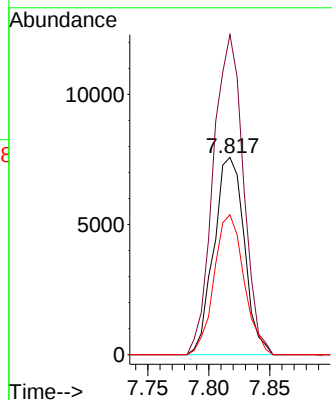
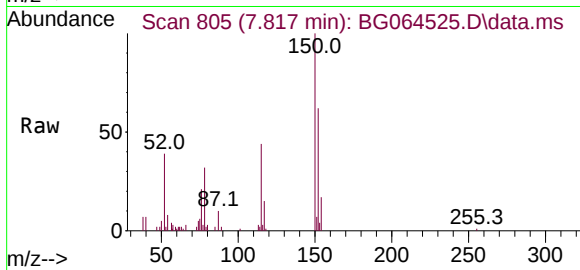




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.817 min Scan# 806
 Delta R.T. -0.003 min
 Lab File: BG064525.D
 Acq: 16 Oct 2025 21:03

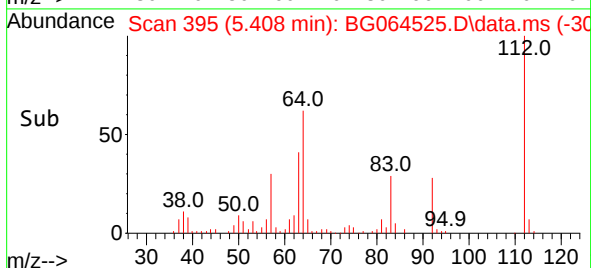
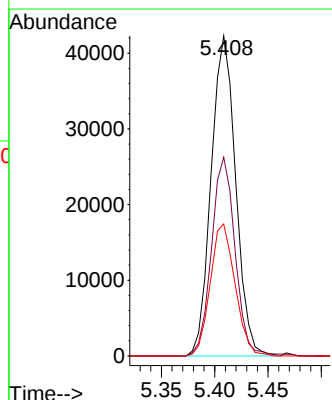
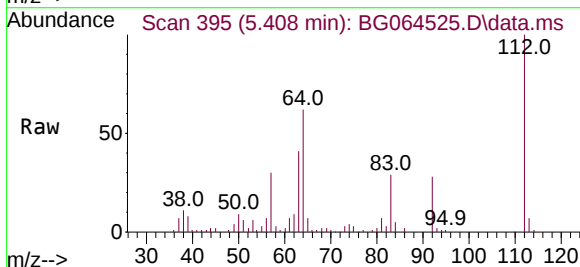
Instrument :
 BNA_G
 ClientSampleId :
 HT1403

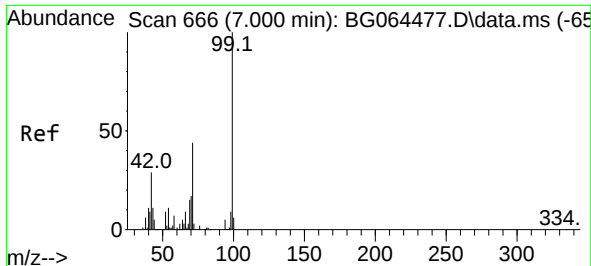
Tgt Ion:152 Resp: 13143
 Ion Ratio Lower Upper
 152 100
 150 162.2 138.6 207.8
 115 70.9 63.4 95.2



#5
 2-Fluorophenol
 Concen: 95.384 ng
 RT: 5.408 min Scan# 395
 Delta R.T. 0.003 min
 Lab File: BG064525.D
 Acq: 16 Oct 2025 21:03

Tgt Ion:112 Resp: 67739
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.8 74.8
 63 41.3 31.3 46.9

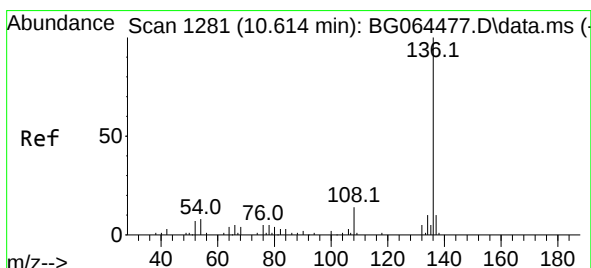
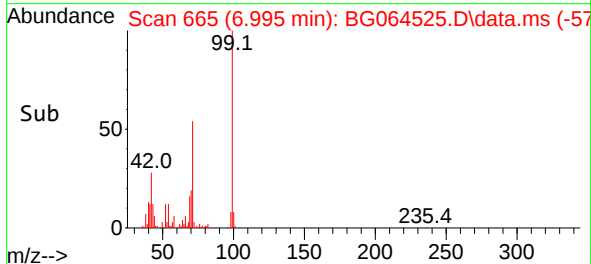
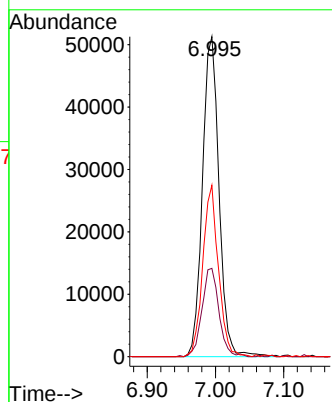
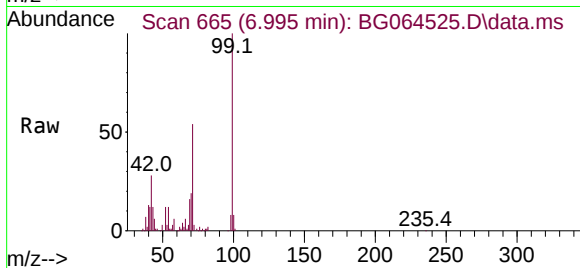




#7
Phenol-d6
Concen: 90.579 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

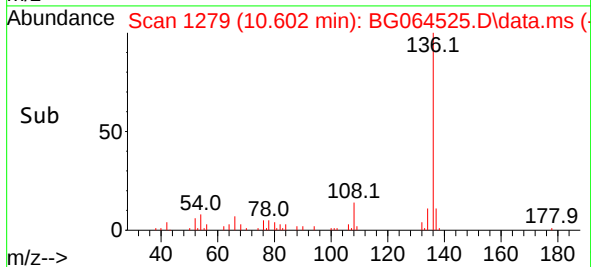
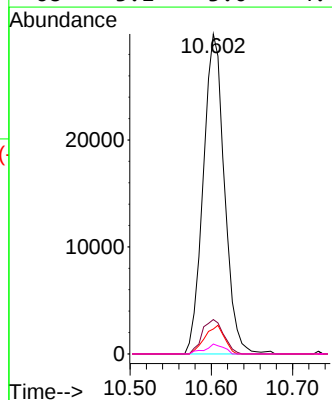
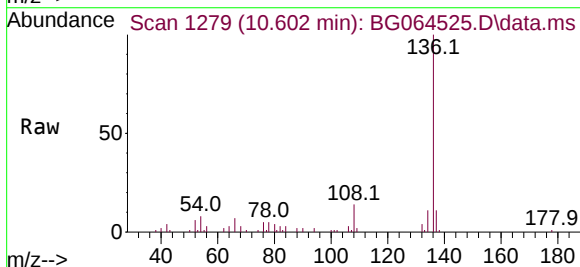
Instrument :
BNA_G
ClientSampleId :
HT1403

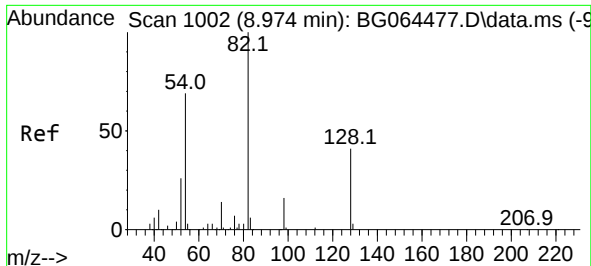
Tgt Ion: 99 Resp: 86444
Ion Ratio Lower Upper
99 100
42 27.6 22.9 34.3
71 53.5 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:136 Resp: 54287
Ion Ratio Lower Upper
136 100
137 10.7 8.3 12.5
54 7.8 6.2 9.4
68 3.1 3.0 4.4

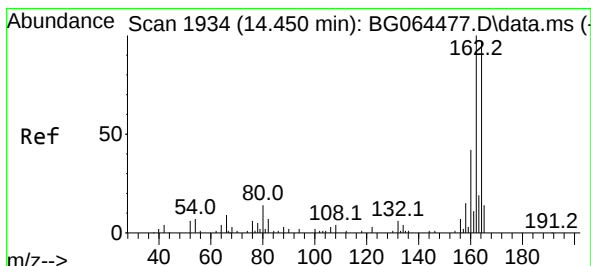
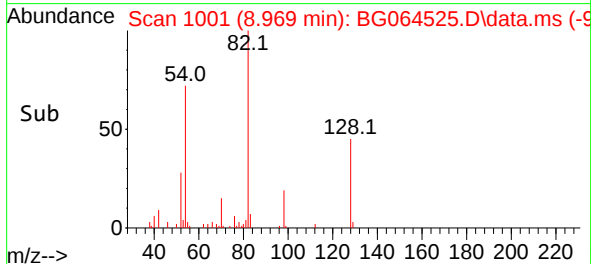
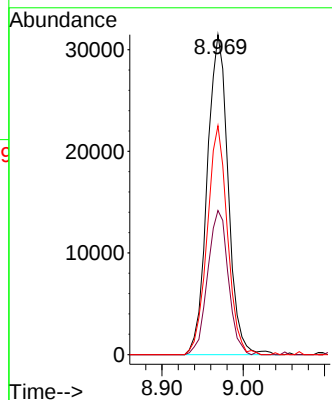
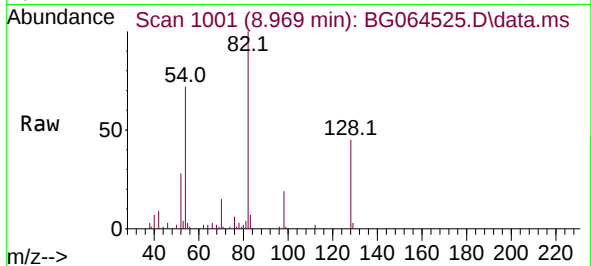




#23
Nitrobenzene-d5
Concen: 55.619 ng
RT: 8.969 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

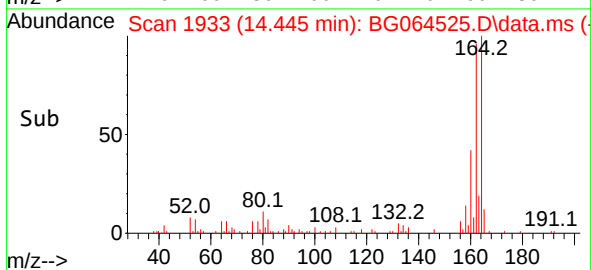
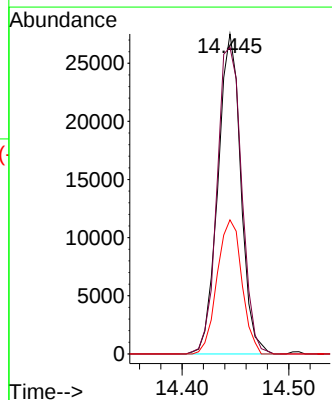
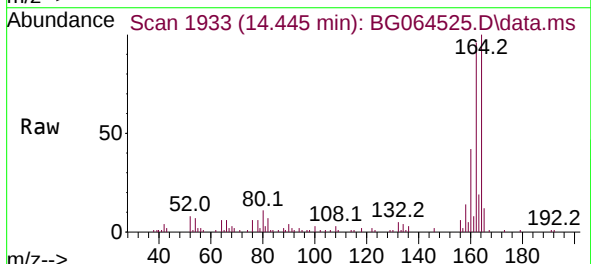
Instrument :
BNA_G
ClientSampleId :
HT1403

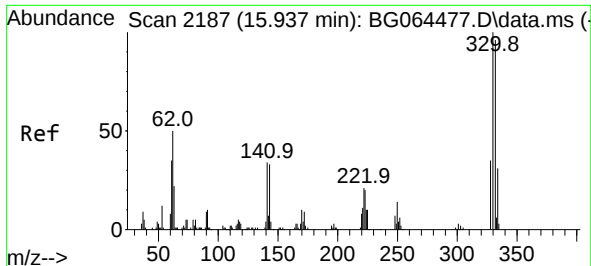
Tgt Ion: 82 Resp: 56154
Ion Ratio Lower Upper
82 100
128 45.0 33.1 49.7
54 71.5 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:164 Resp: 41143
Ion Ratio Lower Upper
164 100
162 95.8 82.2 123.2
160 41.9 34.3 51.5

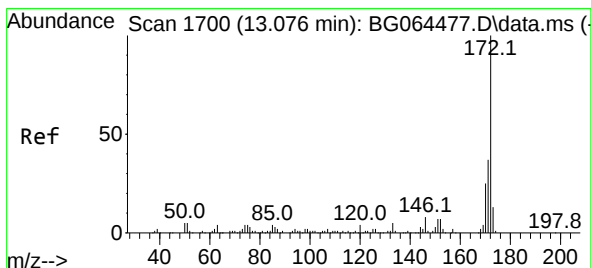
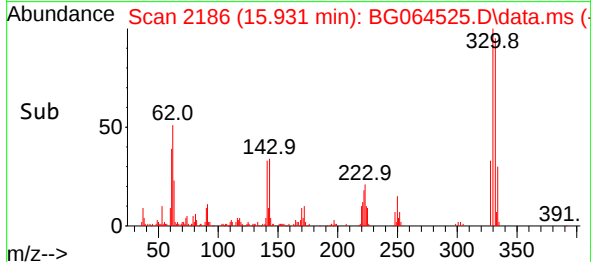
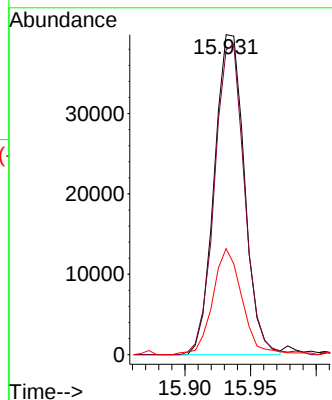
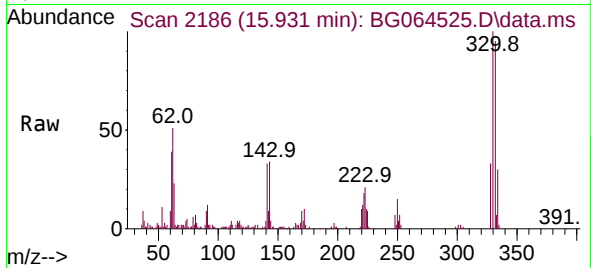




#42
2,4,6-Tribromophenol
Concen: 85.082 ng
RT: 15.931 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

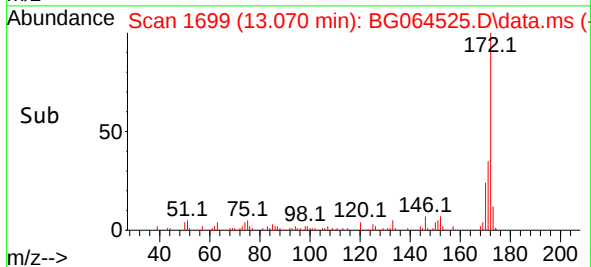
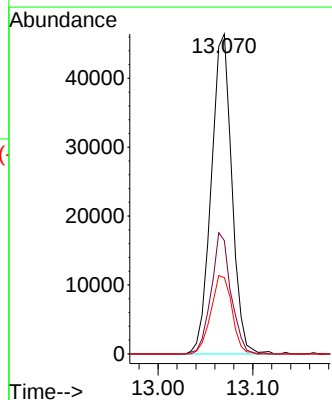
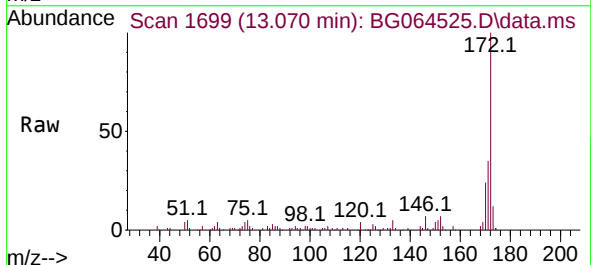
Instrument :
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ClientSampleId :
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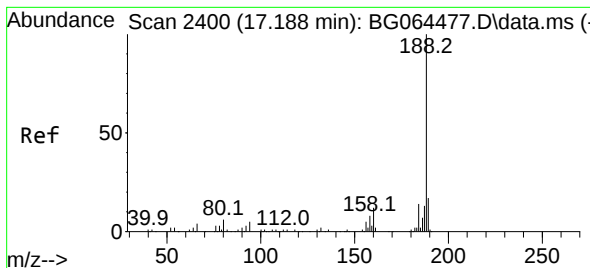
Tgt Ion:330 Resp: 63452
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 32.6 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 25.066 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:172 Resp: 69965
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064525.D

Acq: 16 Oct 2025 21:03

Instrument :

BNA_G

ClientSampleId :

HT1403

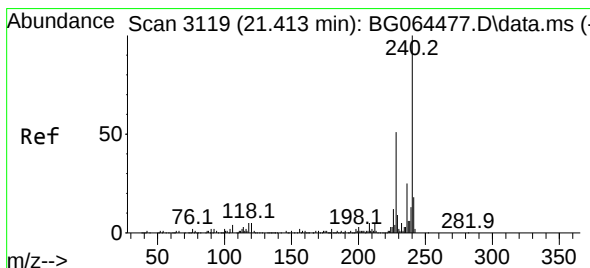
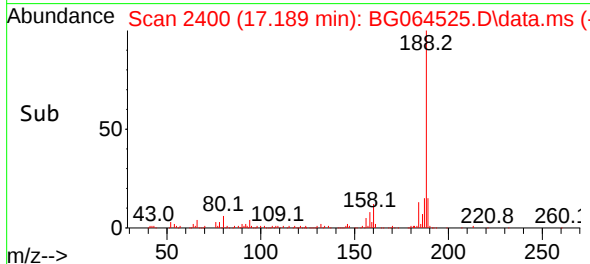
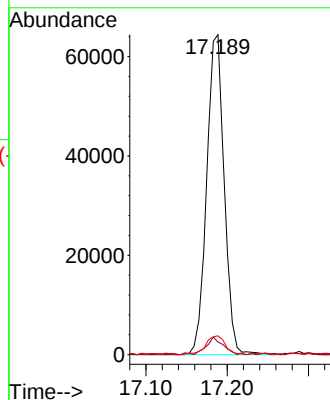
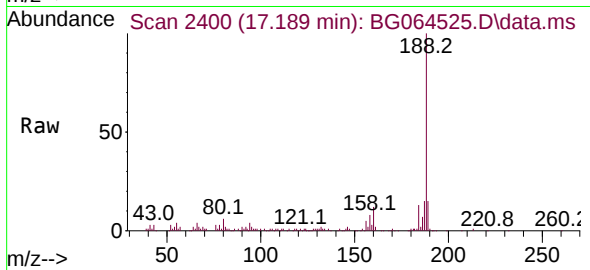
Tgt Ion:188 Resp: 96485

Ion Ratio Lower Upper

188 100

94 3.9 3.7 5.5

80 5.9 4.5 6.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.407 min Scan# 3118

Delta R.T. -0.003 min

Lab File: BG064525.D

Acq: 16 Oct 2025 21:03

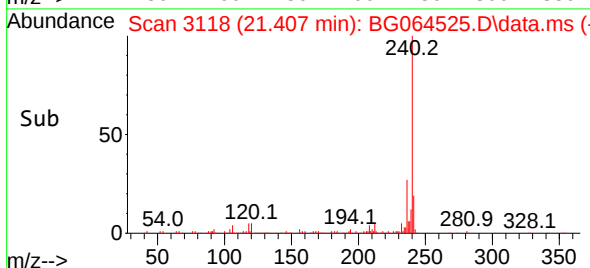
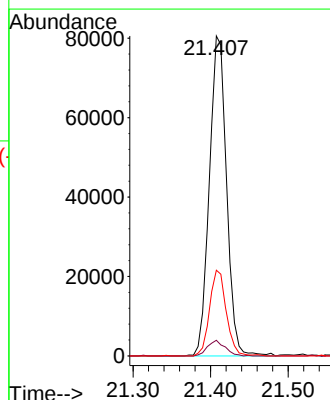
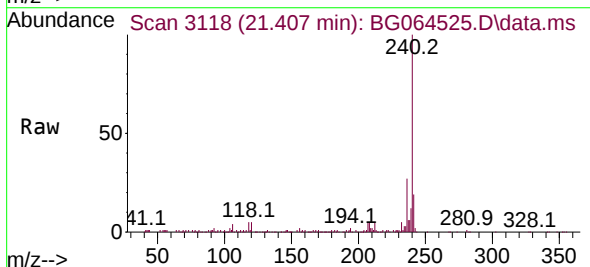
Tgt Ion:240 Resp: 124209

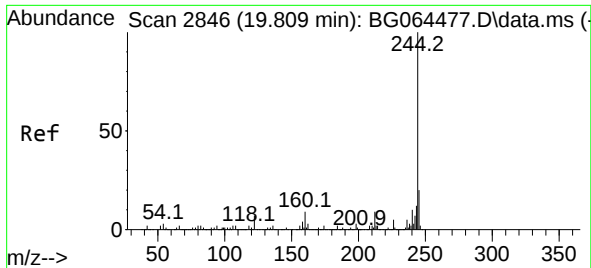
Ion Ratio Lower Upper

240 100

120 4.9 4.3 6.5

236 26.8 20.4 30.6

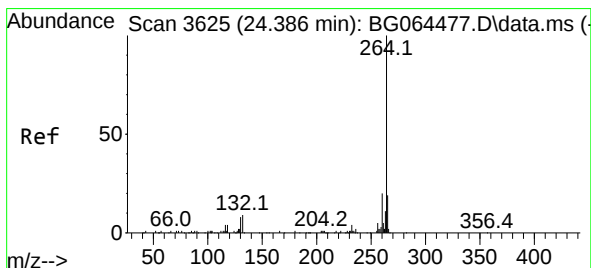
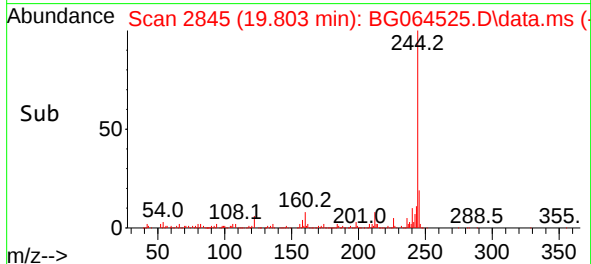
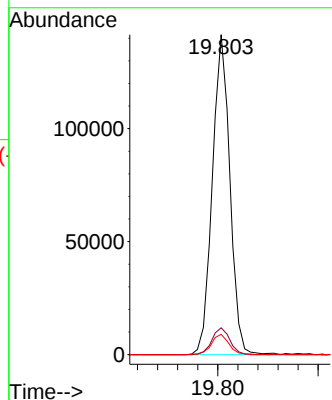
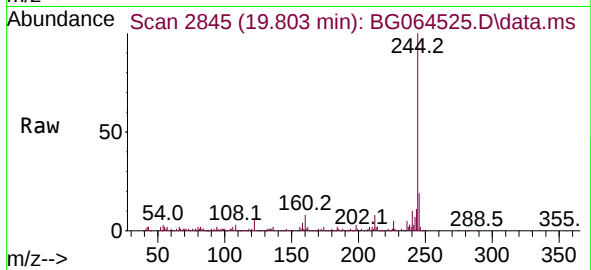




#79
 Terphenyl-d14
 Concen: 26.161 ng
 RT: 19.803 min Scan# 2846
 Delta R.T. -0.003 min
 Lab File: BG064525.D
 Acq: 16 Oct 2025 21:03

Instrument :
 BNA_G
 ClientSampleId :
 HT1403

Tgt Ion:244 Resp: 171699
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 6.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.392 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: BG064525.D
 Acq: 16 Oct 2025 21:03

Tgt Ion:264 Resp: 142646
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.2 24.4
 265 22.1 15.0 22.4

