

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064519.D
 Acq On : 16 Oct 2025 16:55
 Operator : RC/JU
 Sample : PB170081TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170081TB

Quant Time: Oct 16 17:58:02 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	7.818	152	14723	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	59880	20.000	ng	# 0.00
39) Acenaphthene-d10	14.446	164	45990	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	116607	20.000	ng	0.00
76) Chrysene-d12	21.414	240	125638	20.000	ng	0.00
86) Perylene-d12	24.393	264	139707	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	126821	159.414	ng	0.00
7) Phenol-d6	6.996	99	159232	148.943	ng	0.00
23) Nitrobenzene-d5	8.976	82	110012	98.787	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	125137	150.110	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	300605	96.345	ng	0.00
79) Terphenyl-d14	19.810	244	657873	99.096	ng	0.00

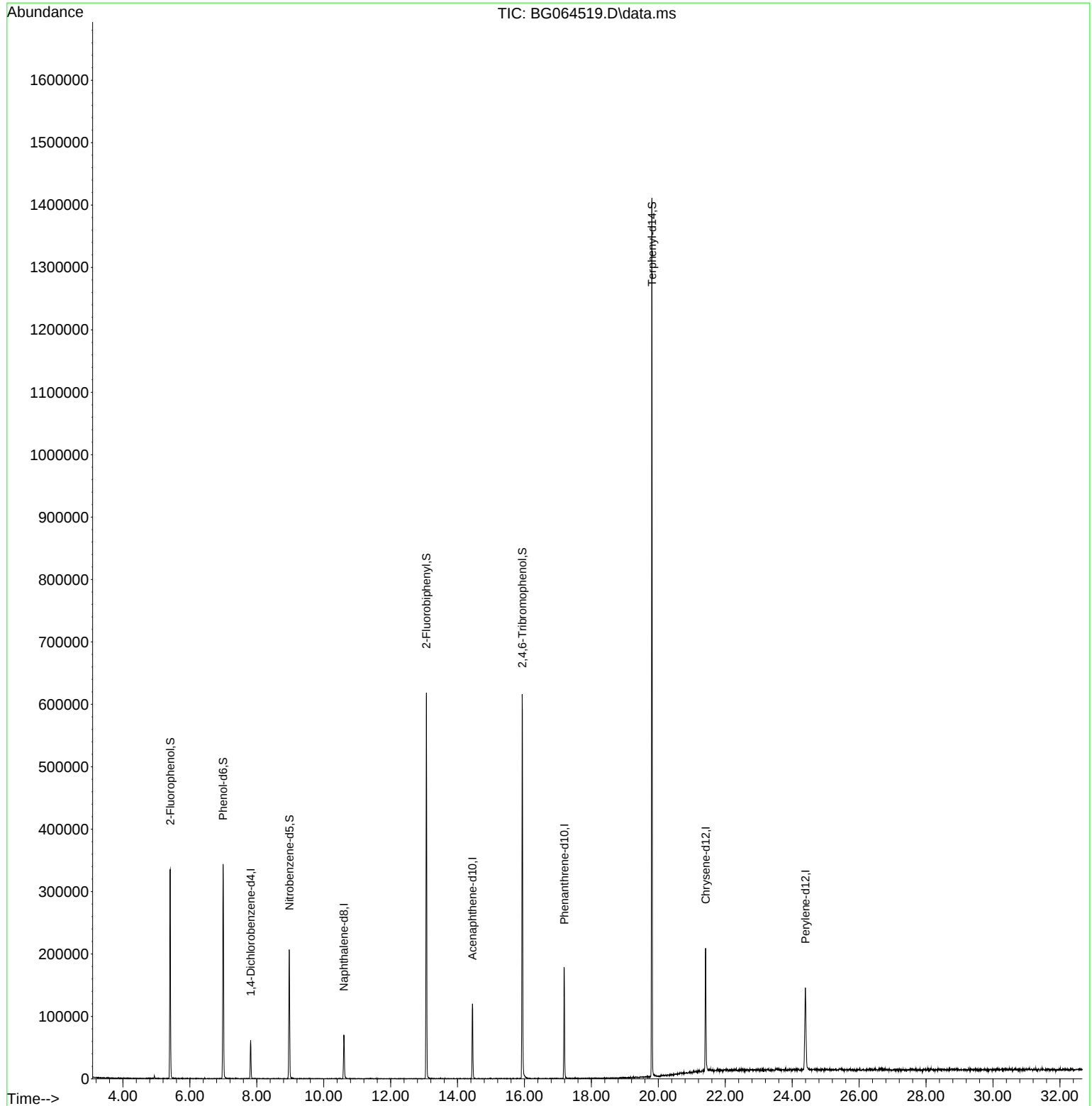
Target Compounds	Qvalue

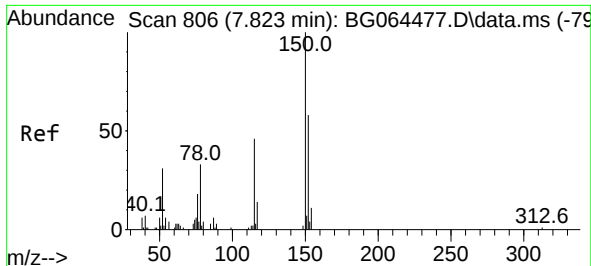
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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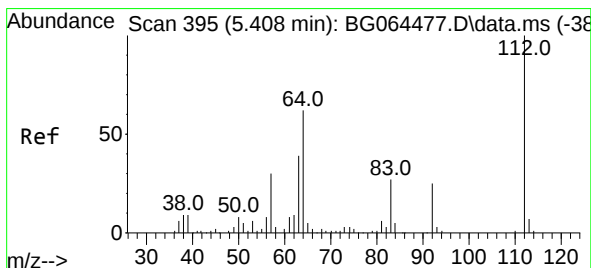
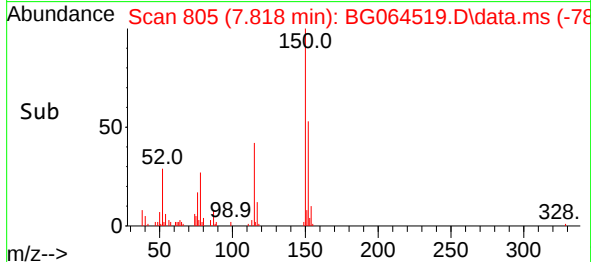
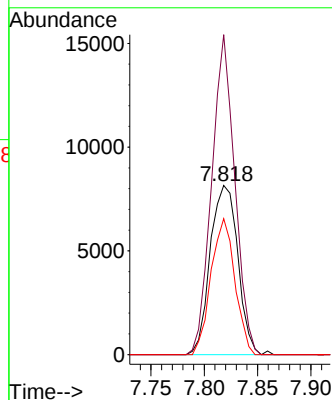
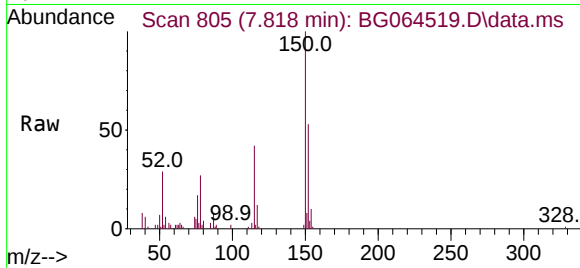




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.818 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

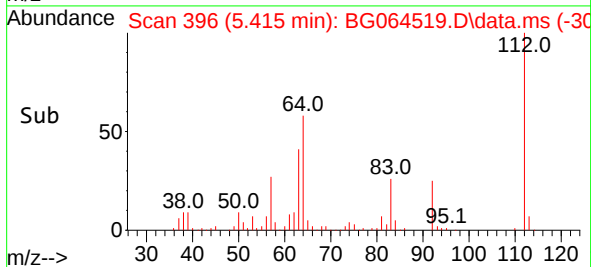
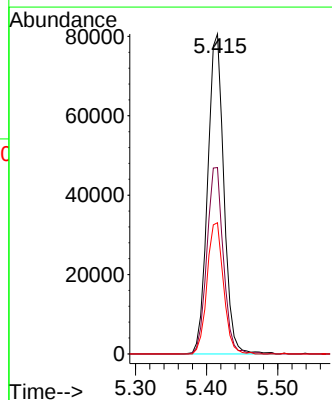
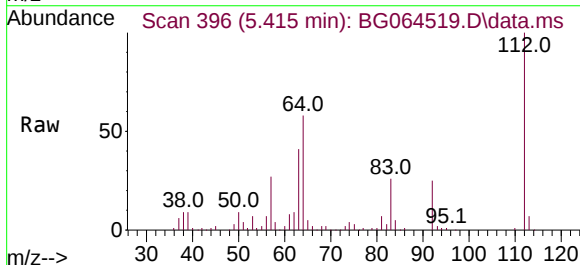
Instrument :
BNA_G
ClientSampleId :
PB170081TB

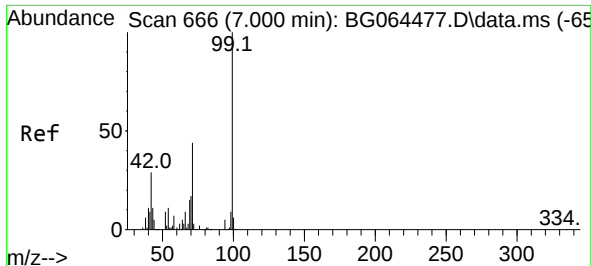
Tgt Ion:152 Resp: 14723
Ion Ratio Lower Upper
152 100
150 189.1 138.6 207.8
115 83.9 63.4 95.2



#5
2-Fluorophenol
Concen: 159.414 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:112 Resp: 126821
Ion Ratio Lower Upper
112 100
64 58.2 49.8 74.8
63 41.0 31.3 46.9

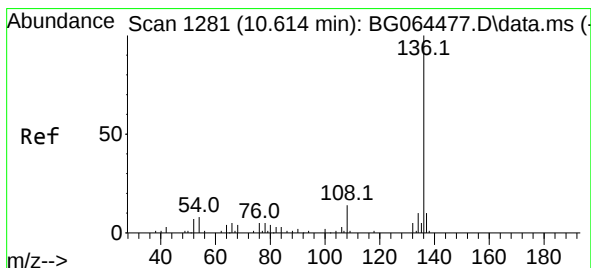
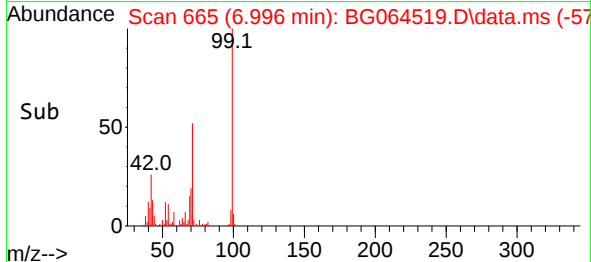
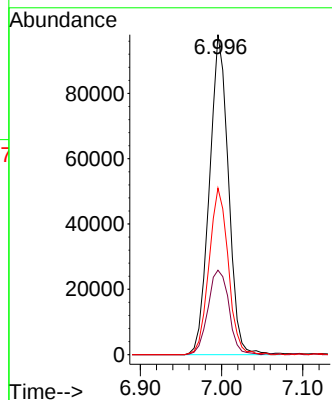
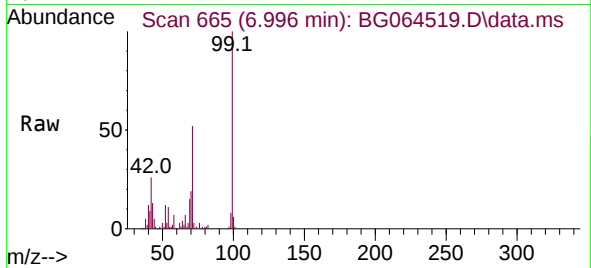




#7
Phenol-d6
Concen: 148.943 ng
RT: 6.996 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

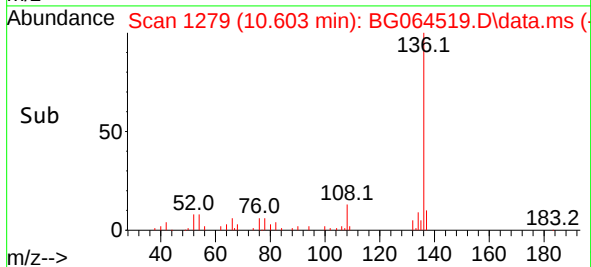
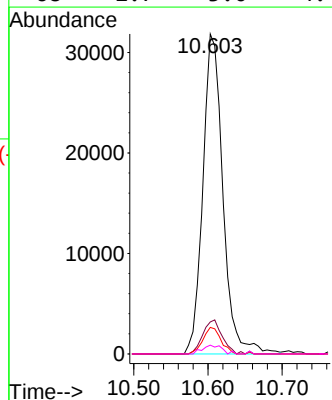
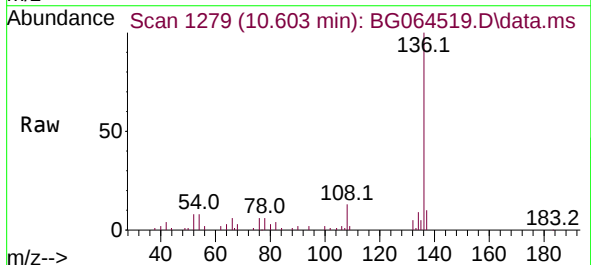
Instrument :
BNA_G
ClientSampleId :
PB170081TB

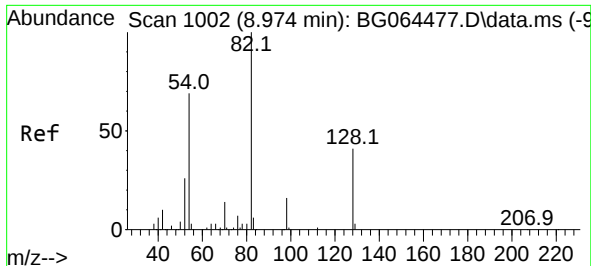
Tgt Ion: 99 Resp: 159232
Ion Ratio Lower Upper
99 100
42 26.4 22.9 34.3
71 52.0 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:136 Resp: 59880
Ion Ratio Lower Upper
136 100
137 10.0 8.3 12.5
54 8.3 6.2 9.4
68 2.7 3.0 4.4#

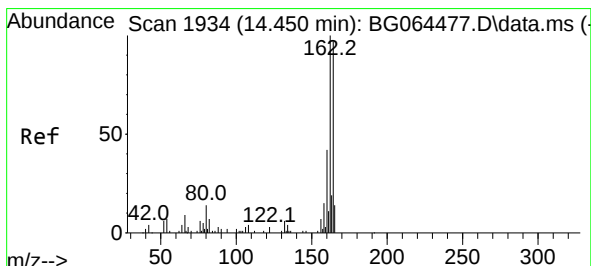
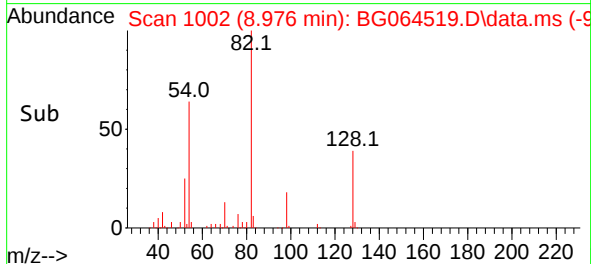
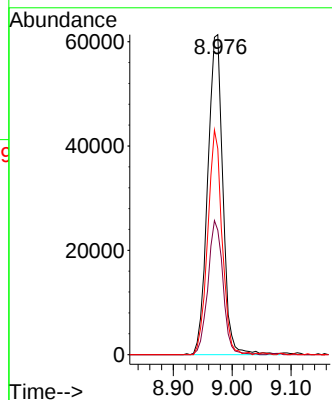
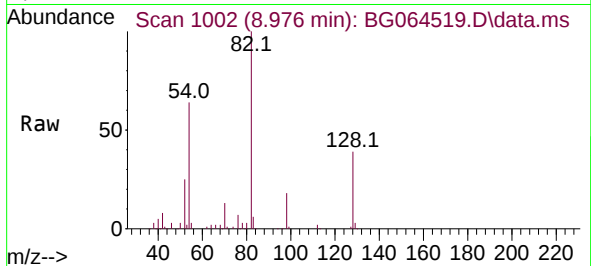




#23
Nitrobenzene-d5
Concen: 98.787 ng
RT: 8.976 min Scan# 10
Delta R.T. 0.009 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

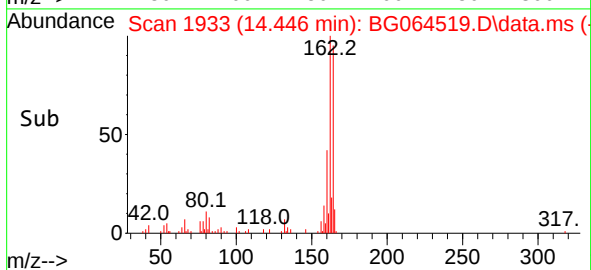
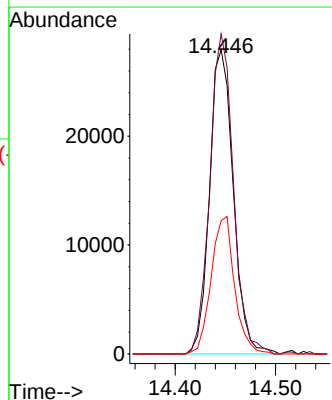
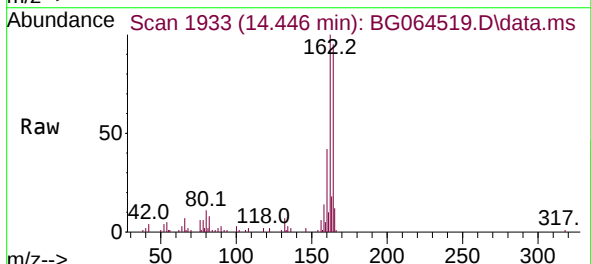
Instrument :
BNA_G
ClientSampleId :
PB170081TB

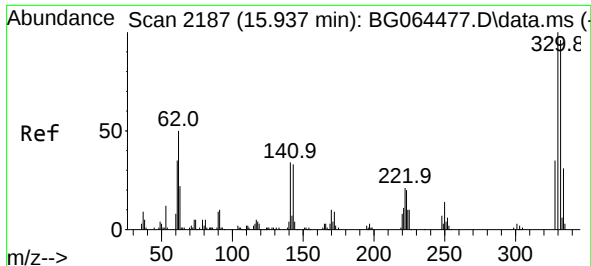
Tgt Ion: 82 Resp: 110012
Ion Ratio Lower Upper
82 100
128 38.9 33.1 49.7
54 64.3 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1933
Delta R.T. -0.002 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:164 Resp: 45990
Ion Ratio Lower Upper
164 100
162 105.2 82.2 123.2
160 43.8 34.3 51.5

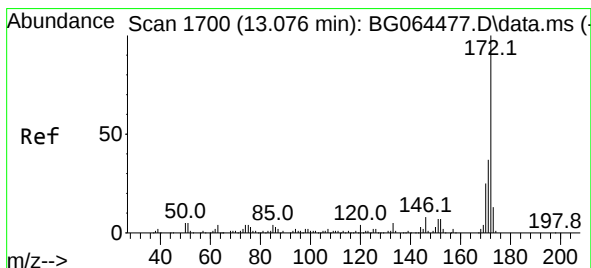
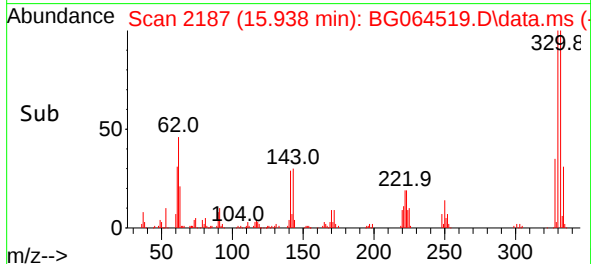
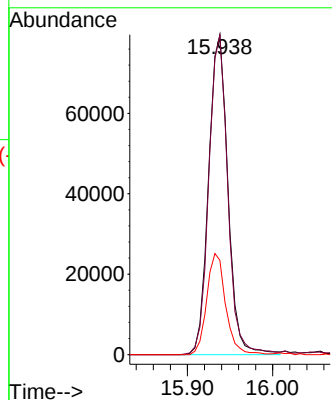
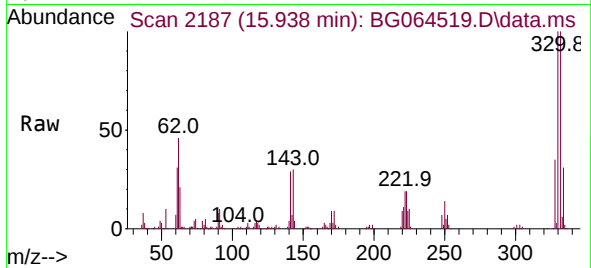




#42
2,4,6-Tribromophenol
Concen: 150.110 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

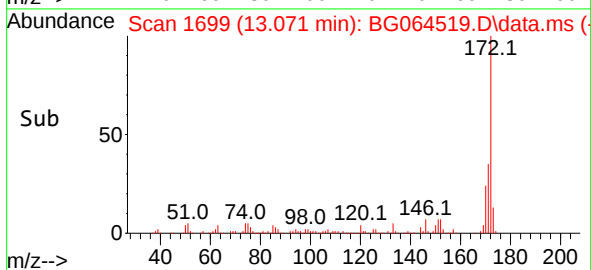
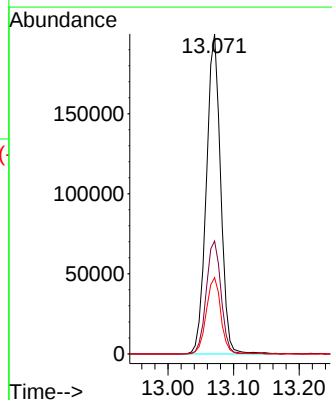
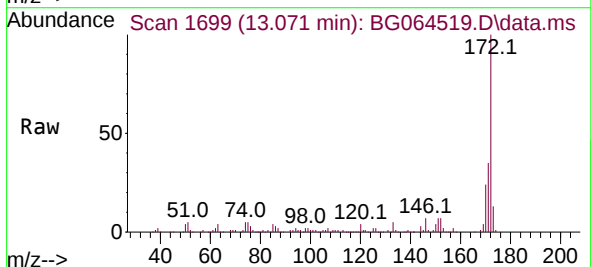
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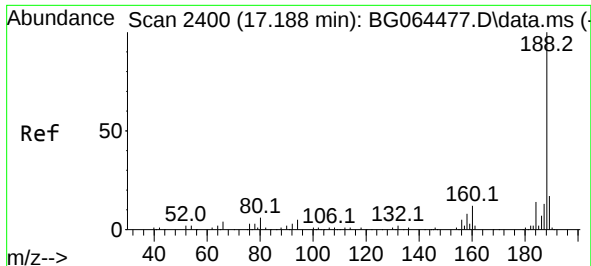
Tgt Ion:330 Resp: 125137
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 30.9 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 96.345 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:172 Resp: 300605
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.9 20.2 30.2

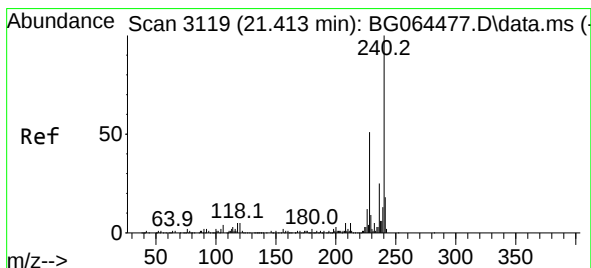
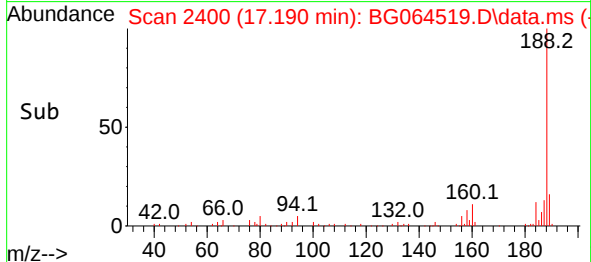
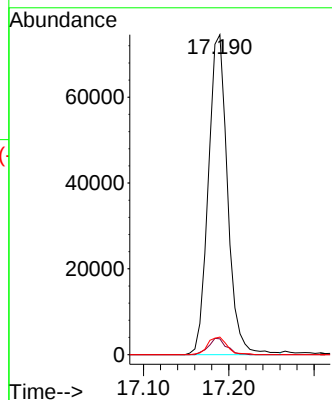
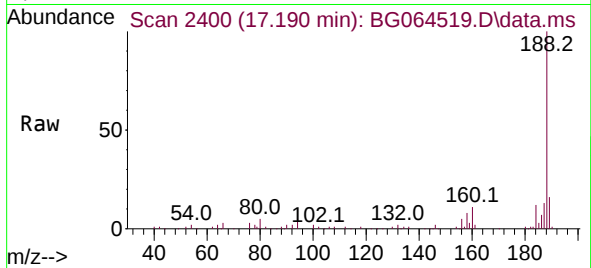




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

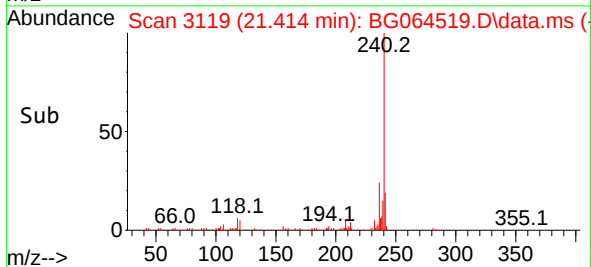
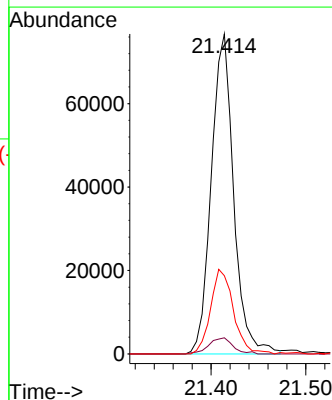
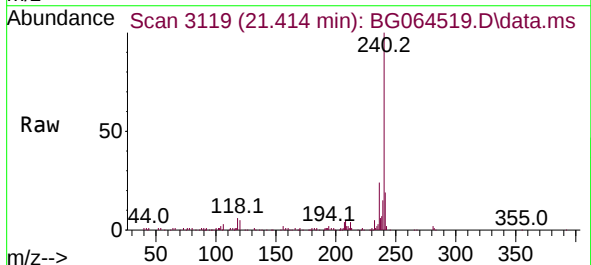
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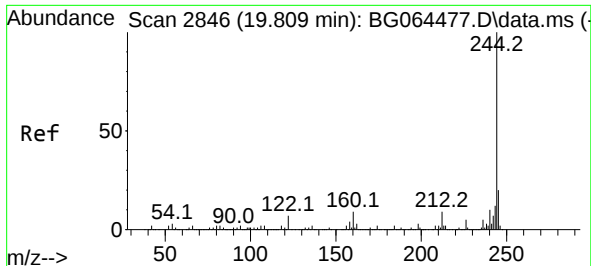
Tgt Ion:188 Resp: 116607
Ion Ratio Lower Upper
188 100
94 4.9 3.7 5.5
80 5.5 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:240 Resp: 125638
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 24.4 20.4 30.6

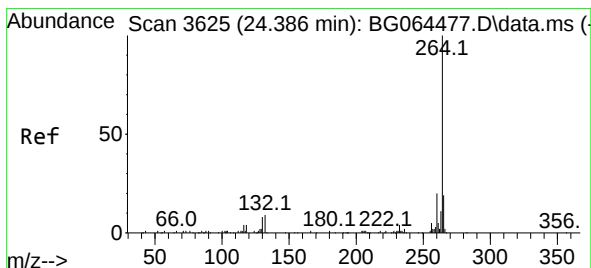
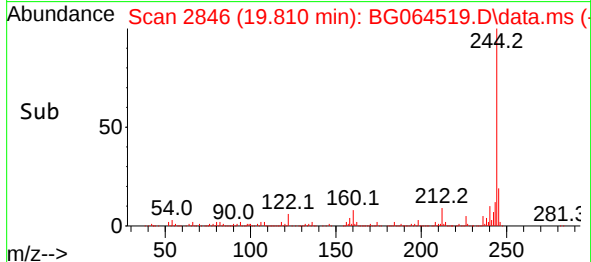
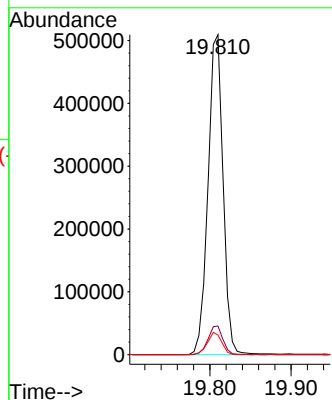
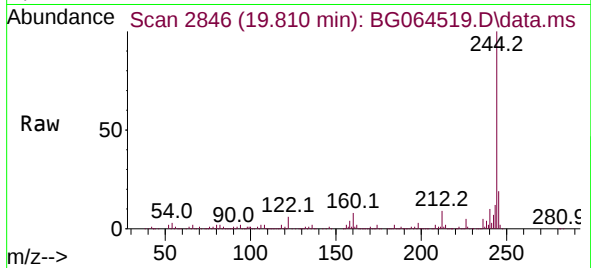




#79
 Terphenyl-d14
 Concen: 99.096 ng
 RT: 19.810 min Scan# 2846
 Delta R.T. 0.004 min
 Lab File: BG064519.D
 Acq: 16 Oct 2025 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB170081TB

Tgt Ion:244 Resp: 657873
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.6
 122 6.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.393 min Scan# 3626
 Delta R.T. 0.004 min
 Lab File: BG064519.D
 Acq: 16 Oct 2025 16:55

Tgt Ion:264 Resp: 139707
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.2 24.4#
 265 21.6 15.0 22.4

