

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064486.D
 Acq On : 3 Oct 2025 14:13
 Operator : RC/JU
 Sample : PB169969BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169969BL

Quant Time: Oct 03 14:52:36 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	7.823	152	15191	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	62107	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	48723	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	134110	20.000	ng	0.00
76) Chrysene-d12	21.407	240	150398	20.000	ng	# 0.00
86) Perylene-d12	24.386	264	159774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	127764	155.652	ng	0.00
7) Phenol-d6	7.001	99	157509	142.792	ng	0.01
23) Nitrobenzene-d5	8.975	82	106818	92.479	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	127771	144.673	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	299612	90.641	ng	0.00
79) Terphenyl-d14	19.809	244	735224	92.515	ng	0.00

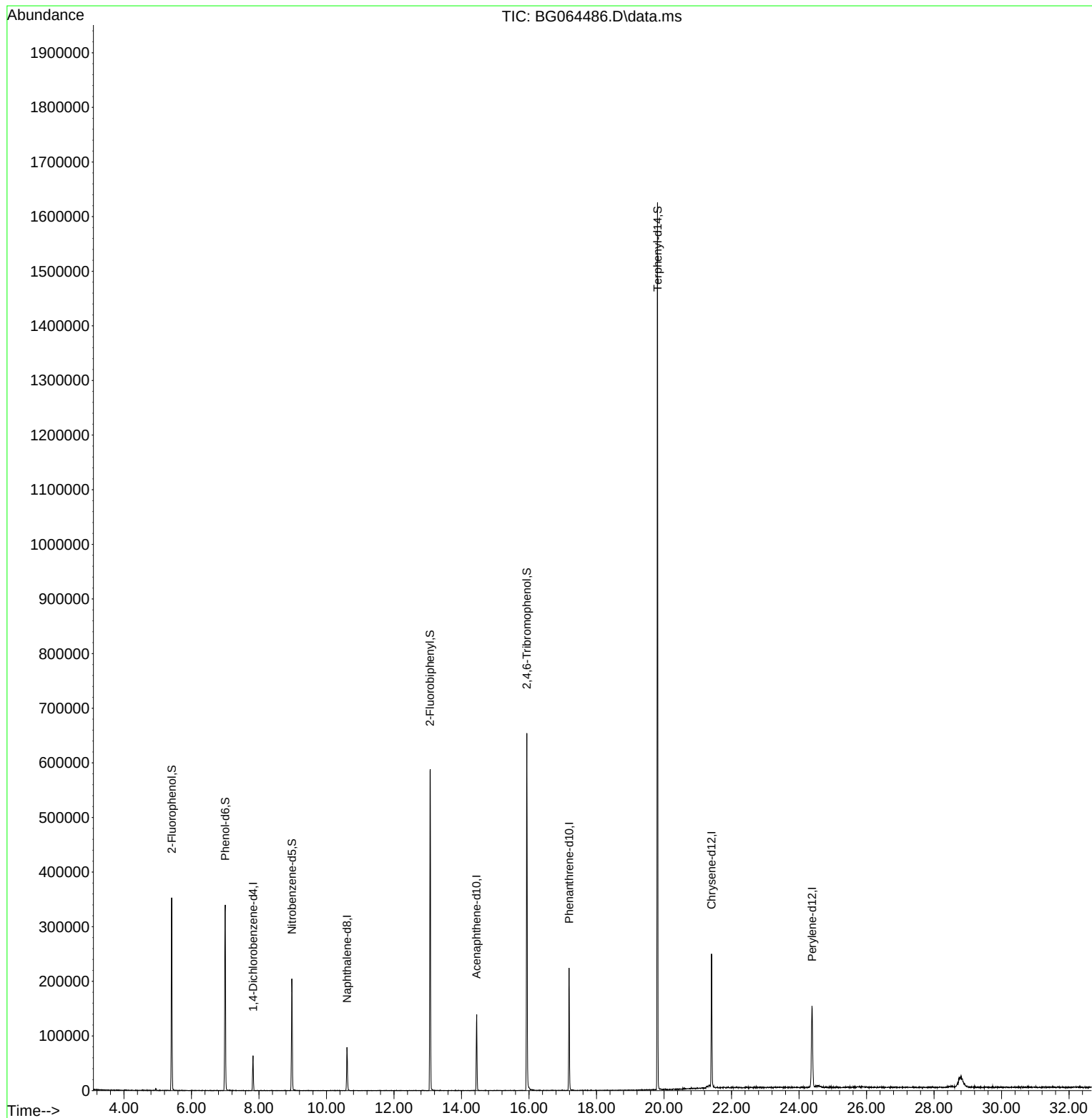
Target Compounds Qvalue

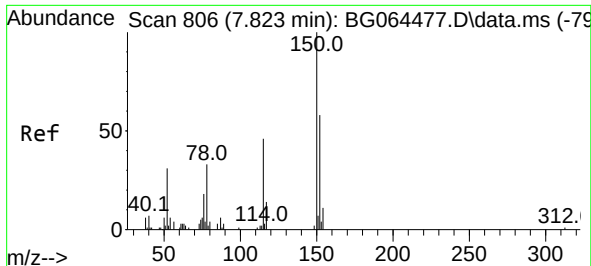
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064486.D
Acq On : 3 Oct 2025 14:13
Operator : RC/JU
Sample : PB169969BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169969BL

Quant Time: Oct 03 14:52:36 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

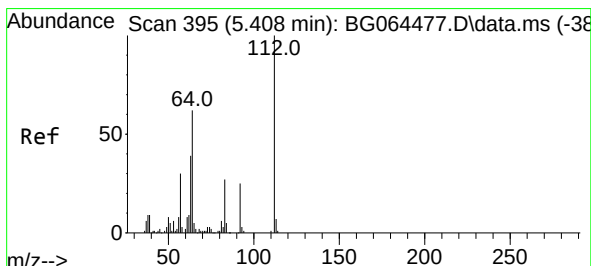
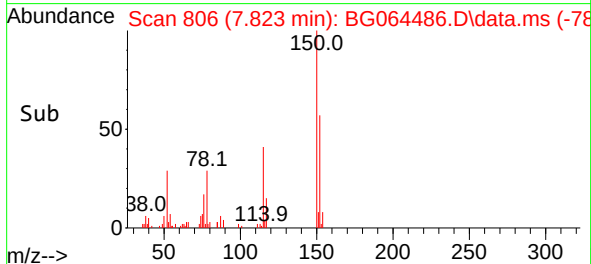
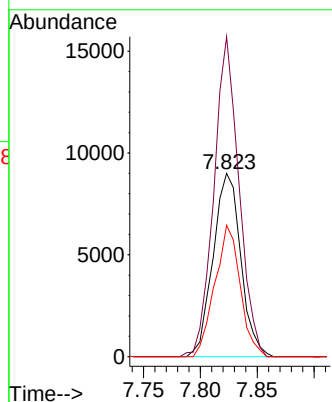
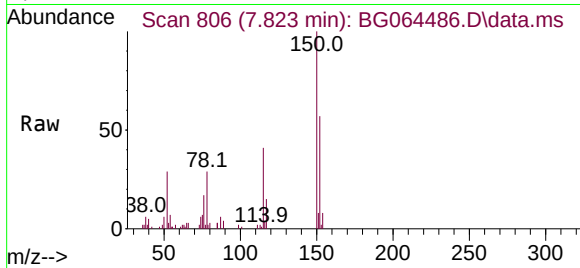




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.823 min Scan# 806
 Delta R.T. 0.003 min
 Lab File: BG064486.D
 Acq: 3 Oct 2025 14:13

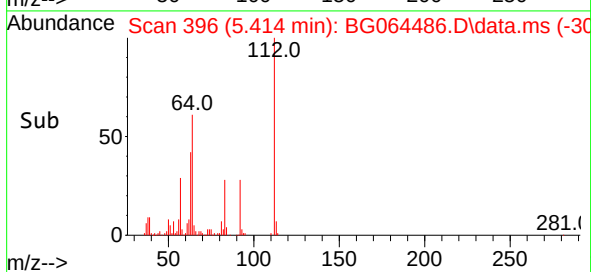
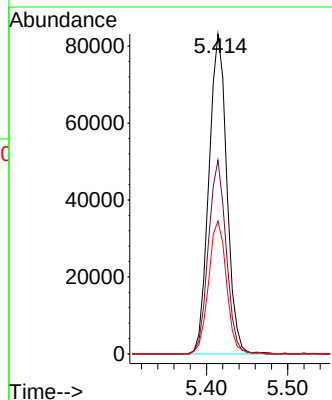
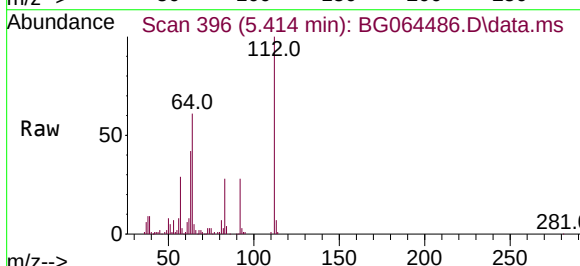
Instrument :
 BNA_G
 ClientSampleId :
 PB169969BL

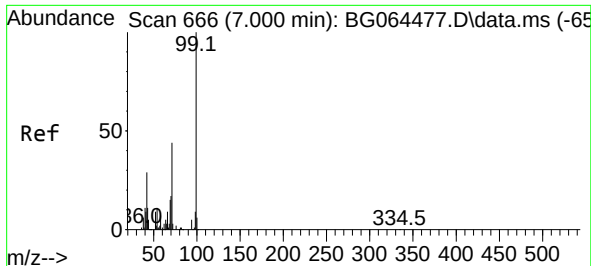
Tgt Ion:152 Resp: 15191
 Ion Ratio Lower Upper
 152 100
 150 174.6 138.6 207.8
 115 71.6 63.4 95.2



#5
 2-Fluorophenol
 Concen: 155.652 ng
 RT: 5.414 min Scan# 396
 Delta R.T. 0.009 min
 Lab File: BG064486.D
 Acq: 3 Oct 2025 14:13

Tgt Ion:112 Resp: 127764
 Ion Ratio Lower Upper
 112 100
 64 60.5 49.8 74.8
 63 41.5 31.3 46.9

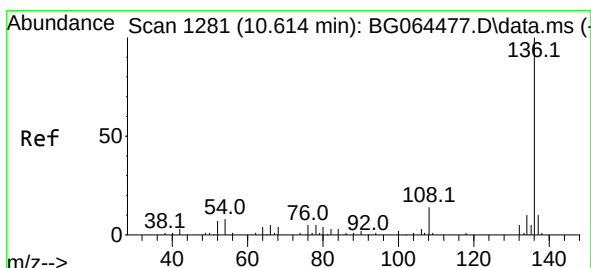
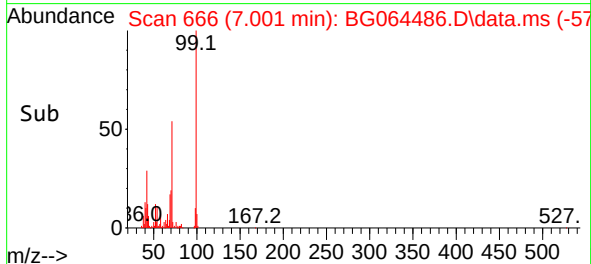
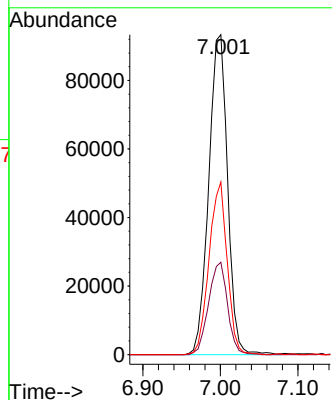
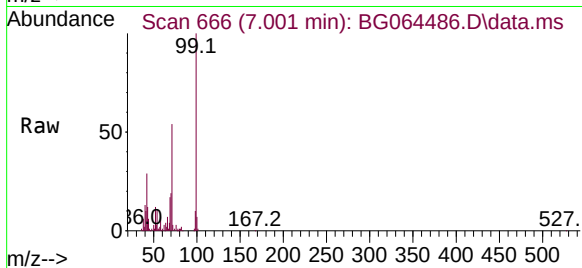




#7
Phenol-d6
Concen: 142.792 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064486.D
Acq: 3 Oct 2025 14:13

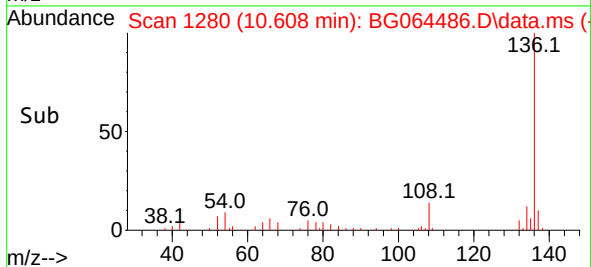
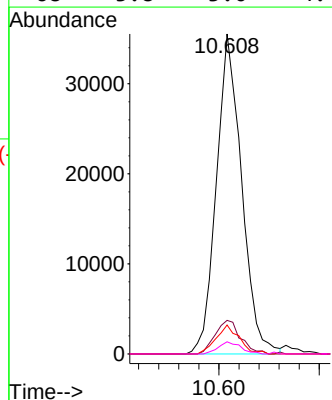
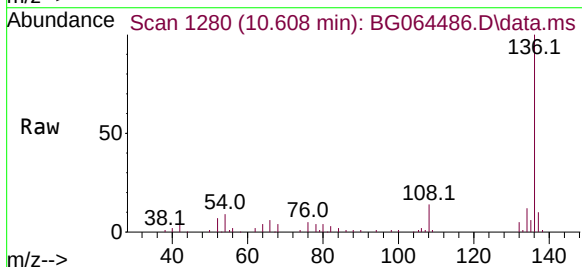
Instrument :
BNA_G
ClientSampleId :
PB169969BL

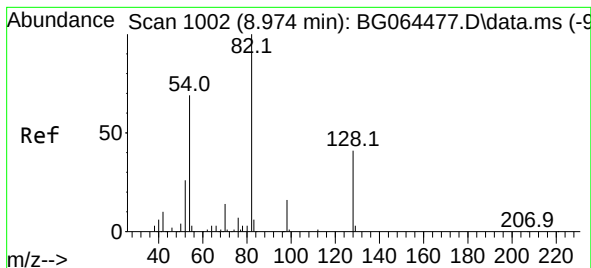
Tgt Ion: 99 Resp: 157509
Ion Ratio Lower Upper
99 100
42 28.9 22.9 34.3
71 53.9 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. 0.003 min
Lab File: BG064486.D
Acq: 3 Oct 2025 14:13

Tgt Ion:136 Resp: 62107
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 9.1 6.2 9.4
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 92.479 ng

RT: 8.975 min Scan# 10

Delta R.T. 0.008 min

Lab File: BG064486.D

Acq: 3 Oct 2025 14:13

Instrument :

BNA_G

ClientSampleId :

PB169969BL

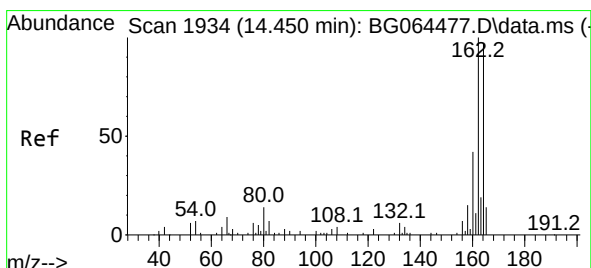
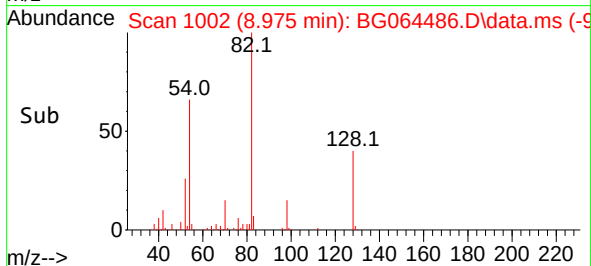
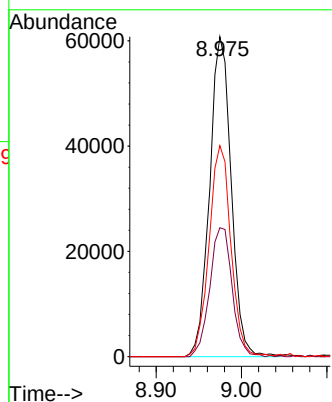
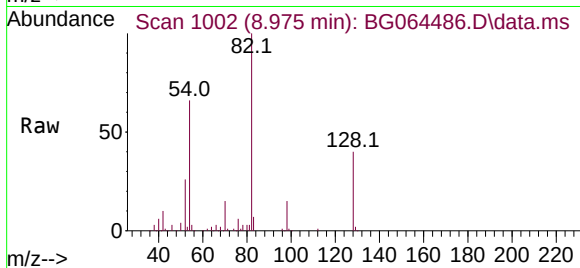
Tgt Ion: 82 Resp: 106818

Ion Ratio Lower Upper

82 100

128 40.3 33.1 49.7

54 65.9 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: BG064486.D

Acq: 3 Oct 2025 14:13

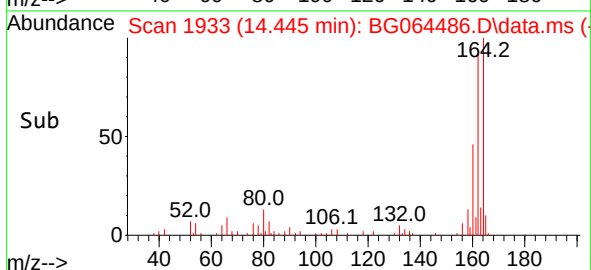
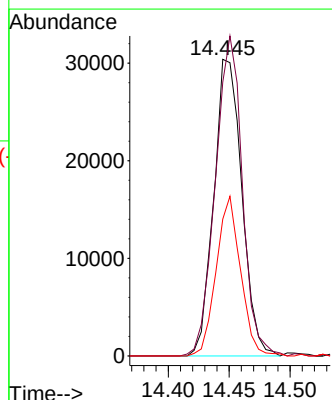
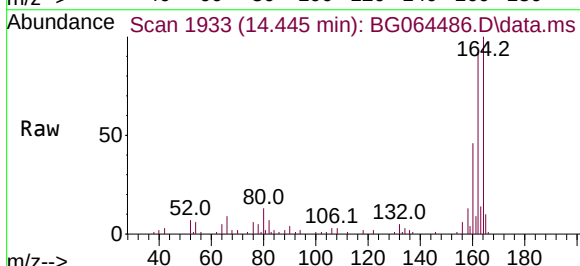
Tgt Ion: 164 Resp: 48723

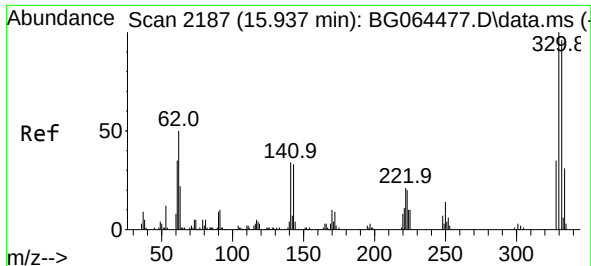
Ion Ratio Lower Upper

164 100

162 92.3 82.2 123.2

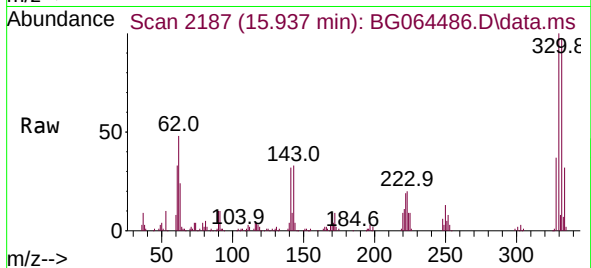
160 46.1 34.3 51.5



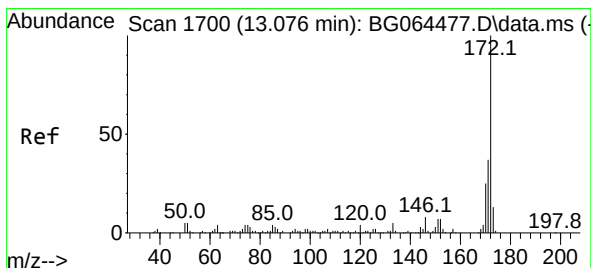
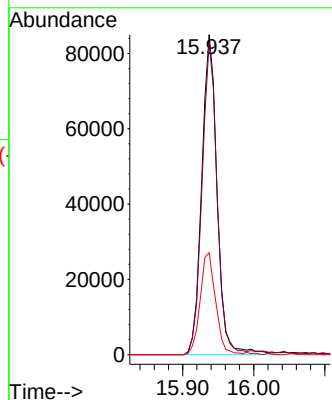
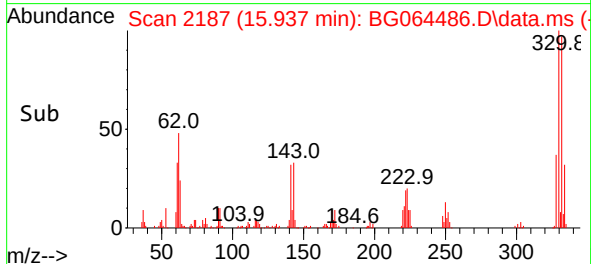


#42
2,4,6-Tribromophenol
Concen: 144.673 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064486.D
Acq: 3 Oct 2025 14:13

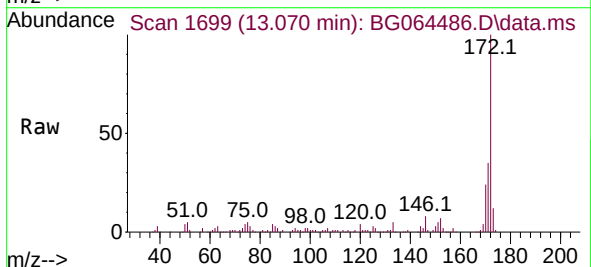
Instrument :
BNA_G
ClientSampleId :
PB169969BL



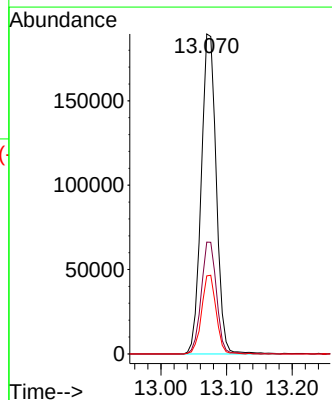
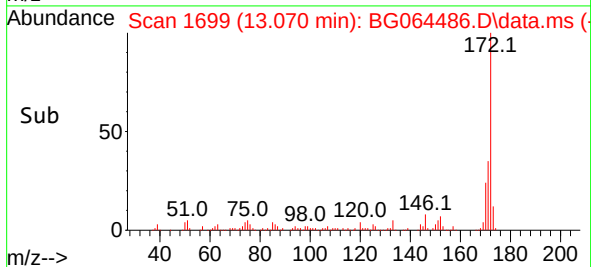
Tgt Ion:330 Resp: 127771
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 31.7 25.8 38.6

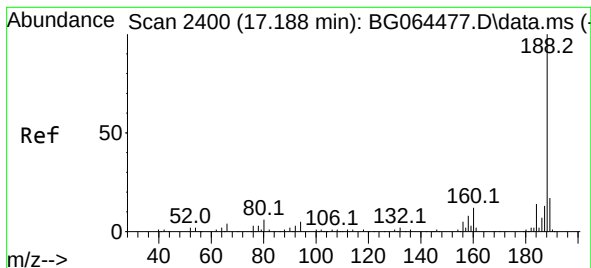


#45
2-Fluorobiphenyl
Concen: 90.641 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064486.D
Acq: 3 Oct 2025 14:13



Tgt Ion:172 Resp: 299612
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 24.4 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: BG064486.D

Acq: 3 Oct 2025 14:13

Instrument :

BNA_G

ClientSampleId :

PB169969BL

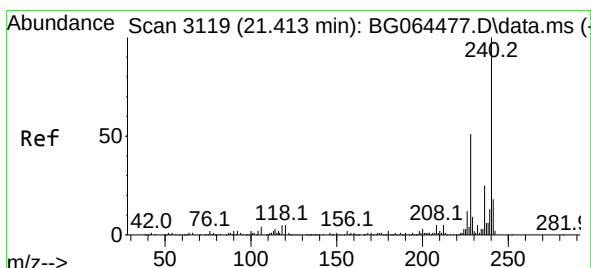
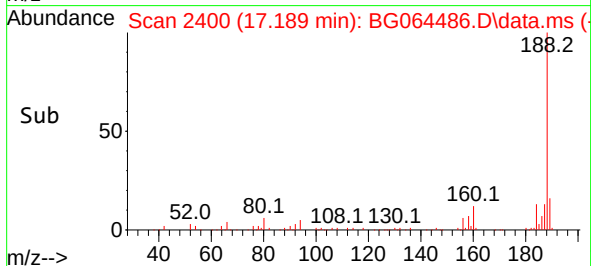
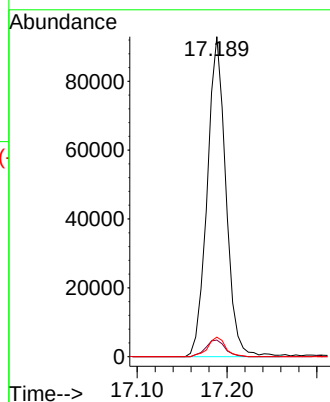
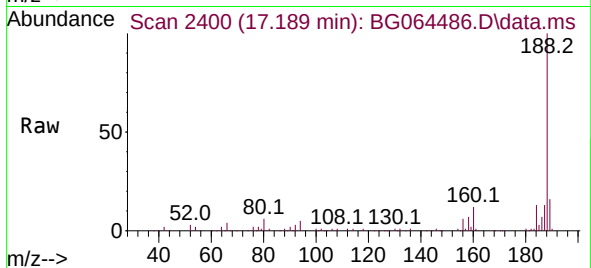
Tgt Ion:188 Resp: 134110

Ion Ratio Lower Upper

188 100

94 5.2 3.7 5.5

80 6.1 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: BG064486.D

Acq: 3 Oct 2025 14:13

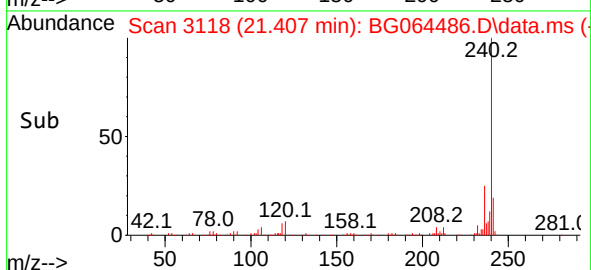
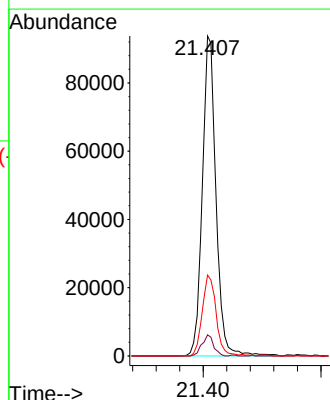
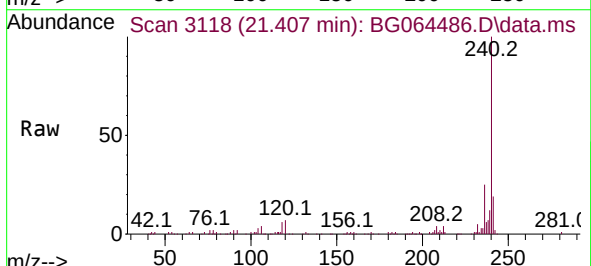
Tgt Ion:240 Resp: 150398

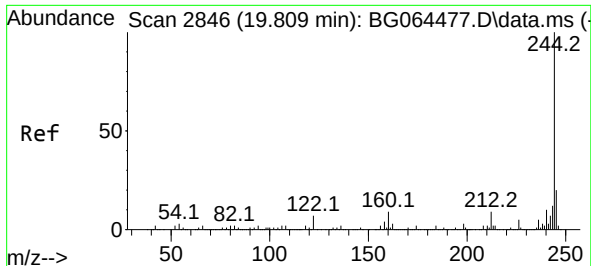
Ion Ratio Lower Upper

240 100

120 6.6 4.3 6.5#

236 25.3 20.4 30.6

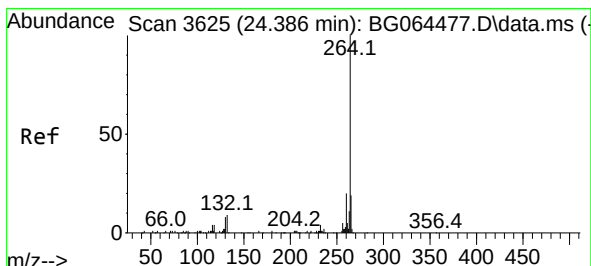
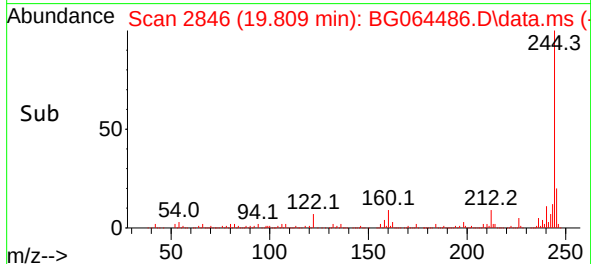
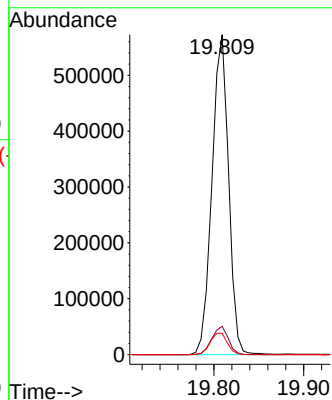
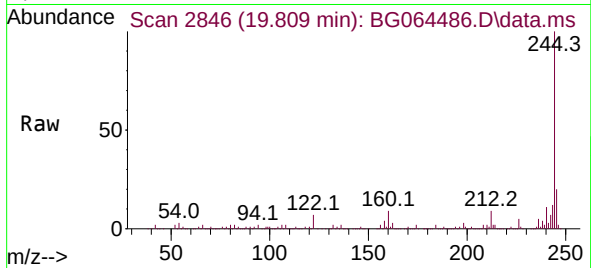




#79
 Terphenyl-d14
 Concen: 92.515 ng
 RT: 19.809 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064486.D
 Acq: 3 Oct 2025 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB169969BL

Tgt Ion:244 Resp: 735224
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.386 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: BG064486.D
 Acq: 3 Oct 2025 14:13

Tgt Ion:264 Resp: 159774
 Ion Ratio Lower Upper
 264 100
 260 22.1 16.2 24.4
 265 19.9 15.0 22.4

