

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064488.D
 Acq On : 3 Oct 2025 15:35
 Operator : RC/JU
 Sample : PB169973BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169973BL

Quant Time: Oct 03 16:20:38 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	7.824	152	16965	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	71465	20.000	ng	# 0.00
39) Acenaphthene-d10	14.446	164	57081	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	145353	20.000	ng	# 0.00
76) Chrysene-d12	21.408	240	149348	20.000	ng	0.00
86) Perylene-d12	24.387	264	157878	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	148699	162.213	ng	0.00
7) Phenol-d6	7.001	99	185155	150.303	ng	0.02
23) Nitrobenzene-d5	8.976	82	124977	94.032	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	142586	137.808	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	351343	90.727	ng	0.00
79) Terphenyl-d14	19.810	244	779476	98.773	ng	0.00

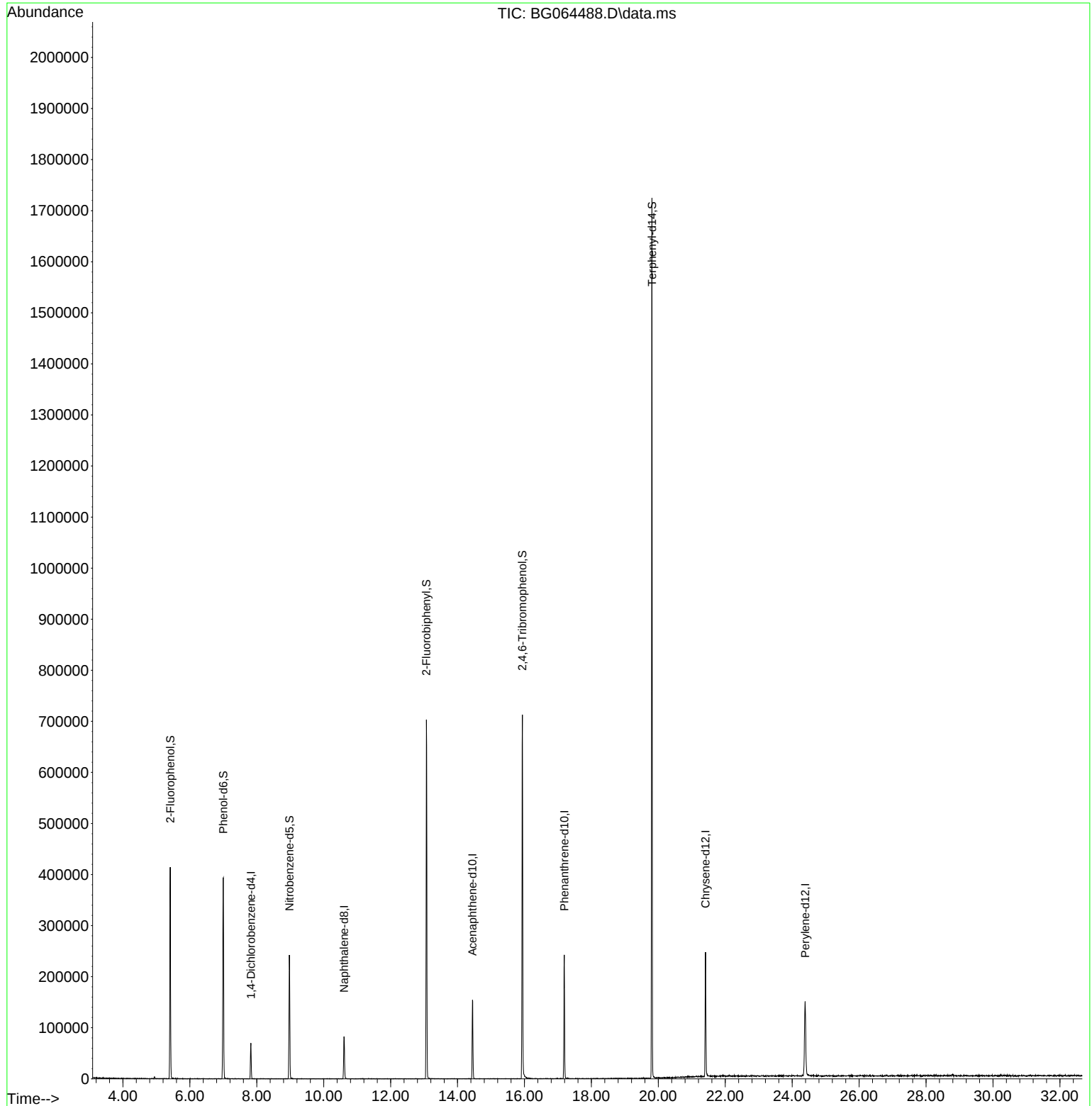
Target Compounds	Qvalue

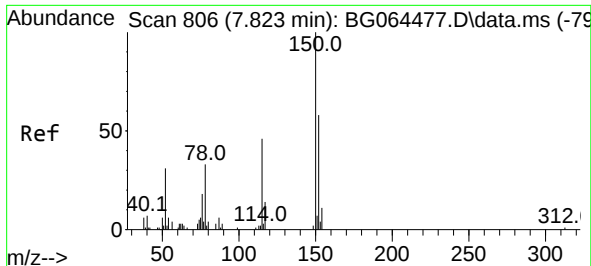
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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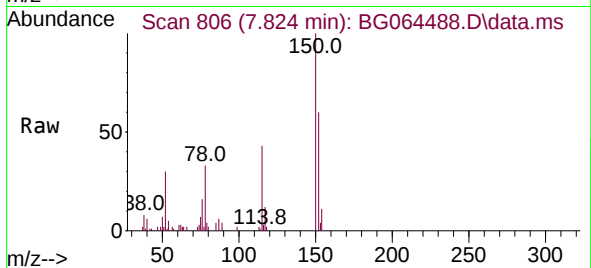
Quant Time: Oct 03 16:20:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



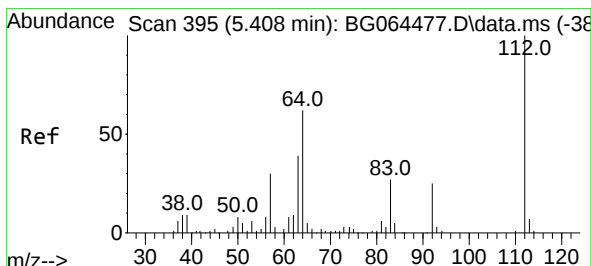
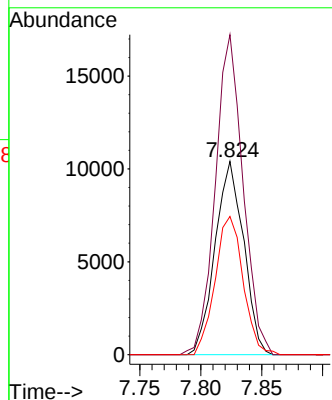
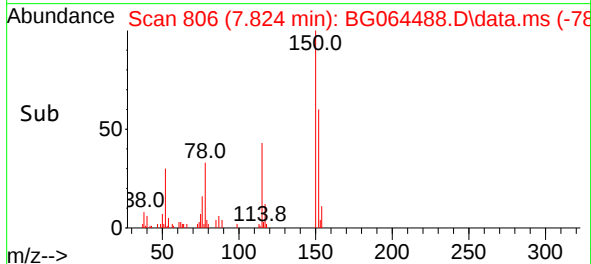


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.824 min Scan# 806
Delta R.T. 0.004 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

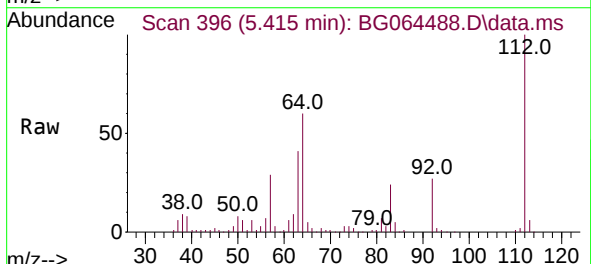
Instrument :
BNA_G
ClientSampleId :
PB169973BL



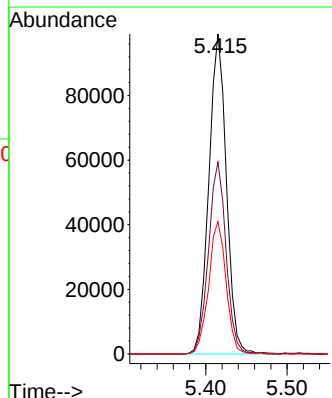
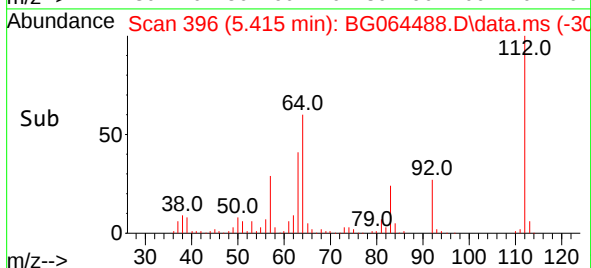
Tgt Ion:152 Resp: 16965
Ion Ratio Lower Upper
152 100
150 165.7 138.6 207.8
115 71.5 63.4 95.2

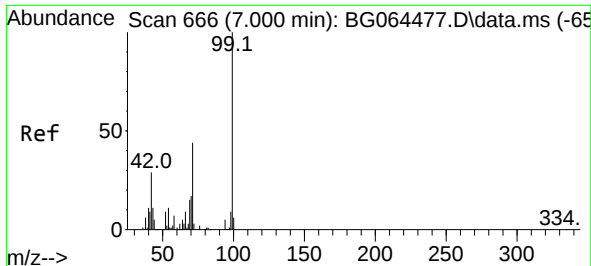


#5
2-Fluorophenol
Concen: 162.213 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35



Tgt Ion:112 Resp: 148699
Ion Ratio Lower Upper
112 100
64 59.9 49.8 74.8
63 41.3 31.3 46.9

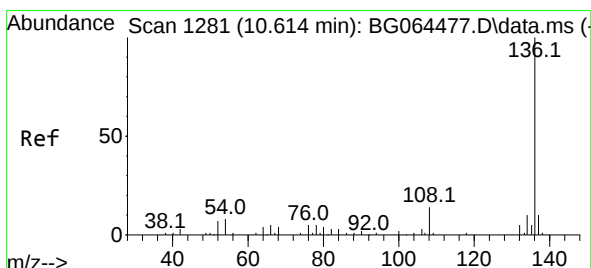
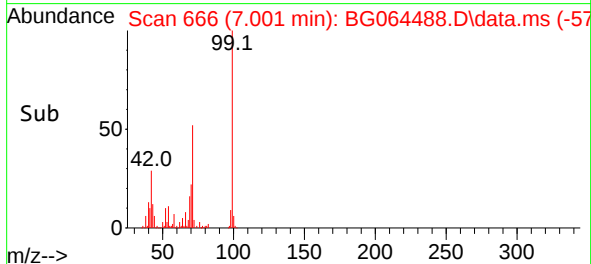
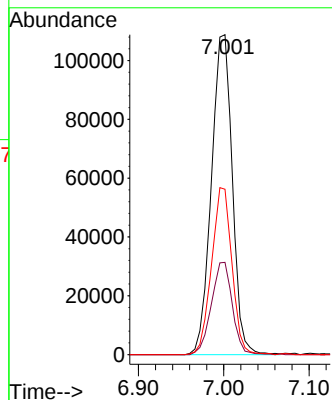
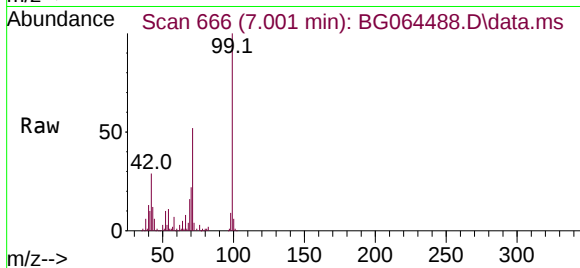




#7
Phenol-d6
Concen: 150.303 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

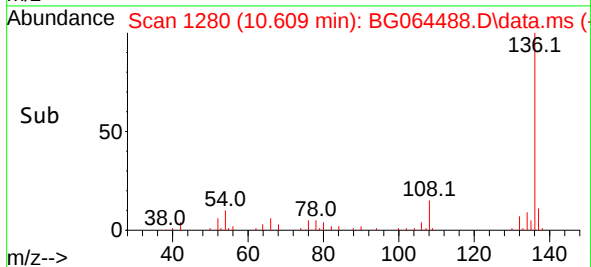
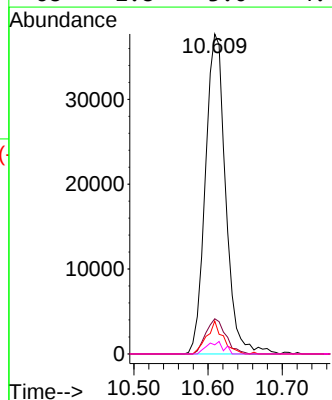
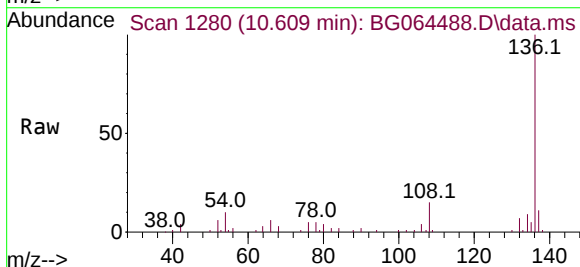
Instrument :
BNA_G
ClientSampleId :
PB169973BL

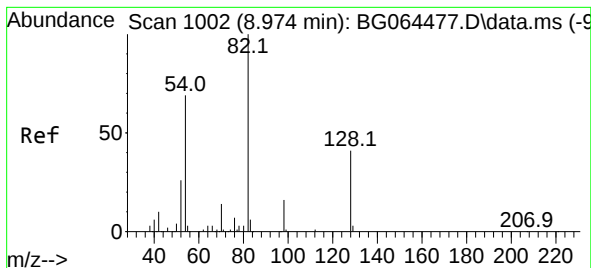
Tgt Ion: 99 Resp: 185155
Ion Ratio Lower Upper
99 100
42 28.8 22.9 34.3
71 51.7 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:136 Resp: 71465
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 10.3 6.2 9.4#
68 2.8 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 94.032 ng

RT: 8.976 min Scan# 10

Delta R.T. 0.009 min

Lab File: BG064488.D

Acq: 3 Oct 2025 15:35

Instrument :

BNA_G

ClientSampleId :

PB169973BL

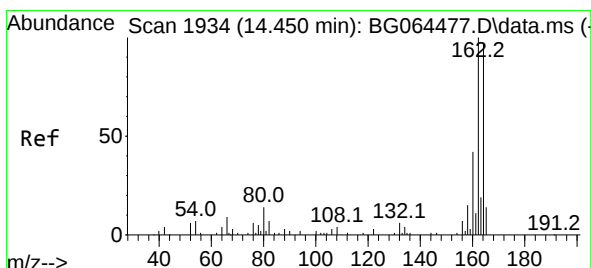
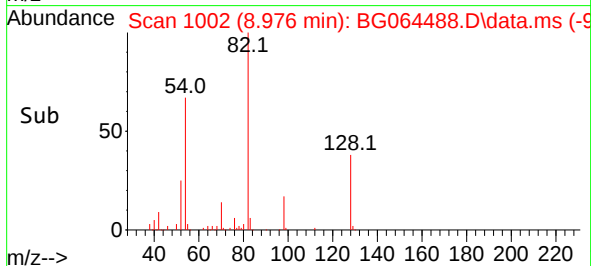
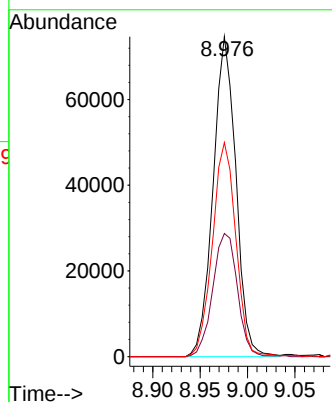
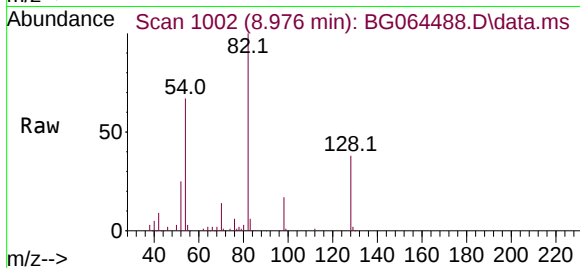
Tgt Ion: 82 Resp: 124977

Ion Ratio Lower Upper

82 100

128 38.5 33.1 49.7

54 66.9 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: BG064488.D

Acq: 3 Oct 2025 15:35

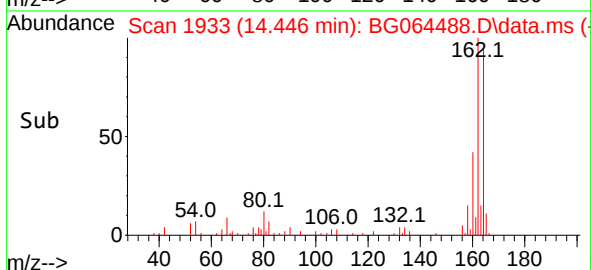
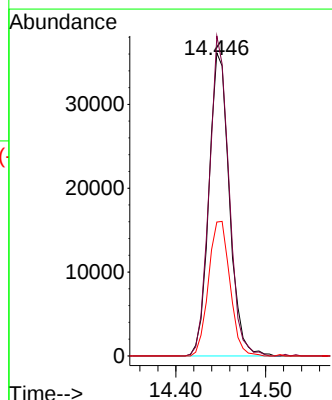
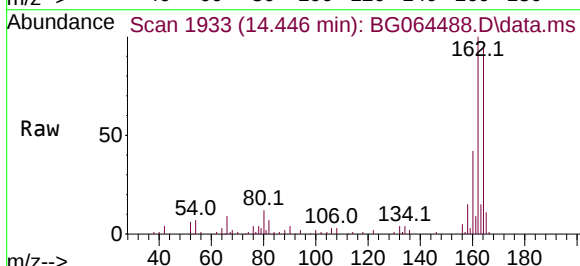
Tgt Ion: 164 Resp: 57081

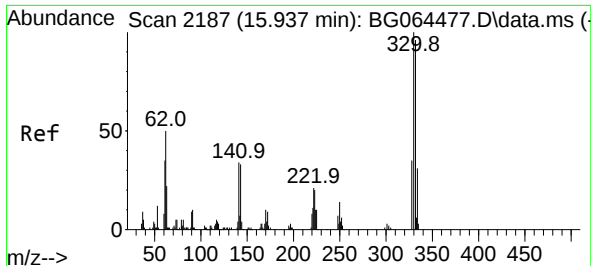
Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.2

160 44.2 34.3 51.5

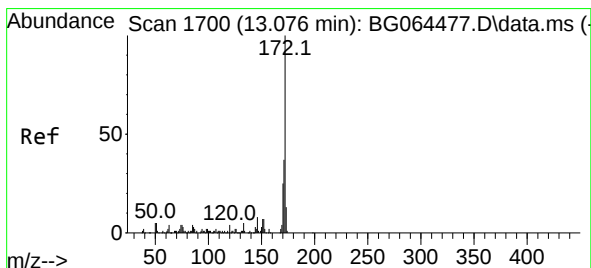
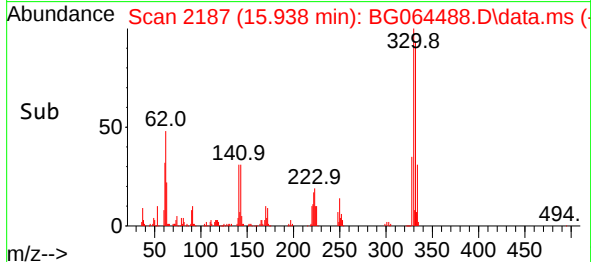
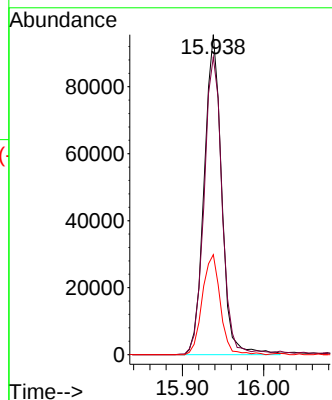
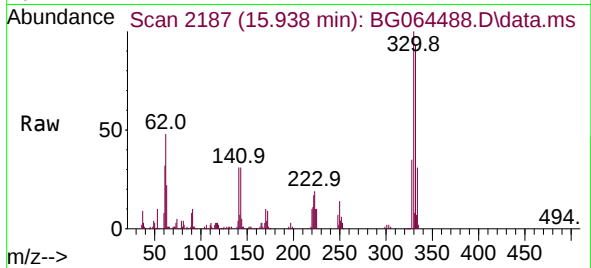




#42
2,4,6-Tribromophenol
Concen: 137.808 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

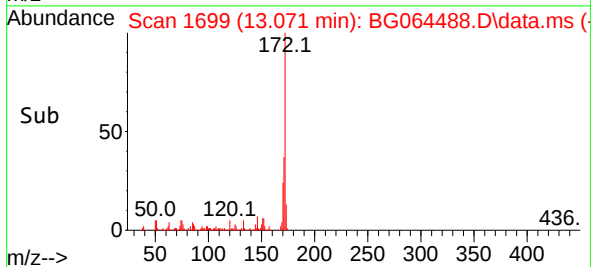
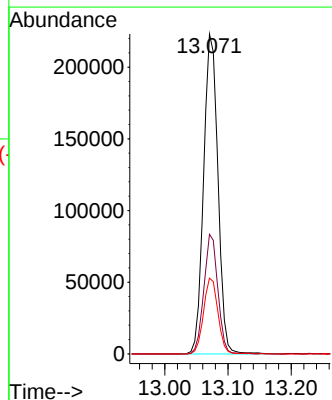
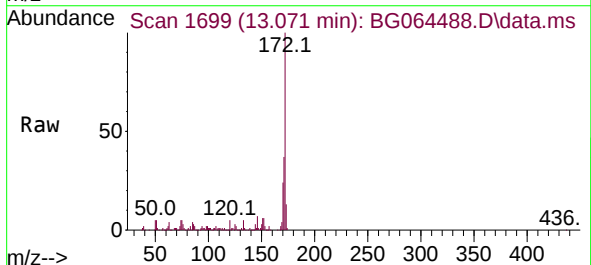
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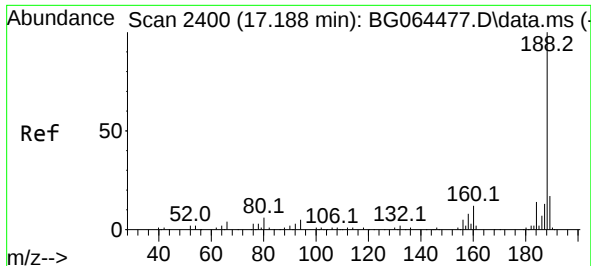
Tgt Ion:330 Resp: 142586
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 32.0 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:172 Resp: 351343
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 23.7 20.2 30.2

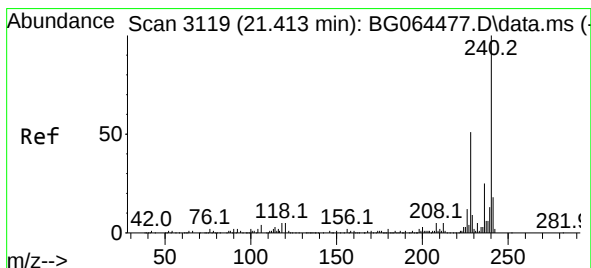
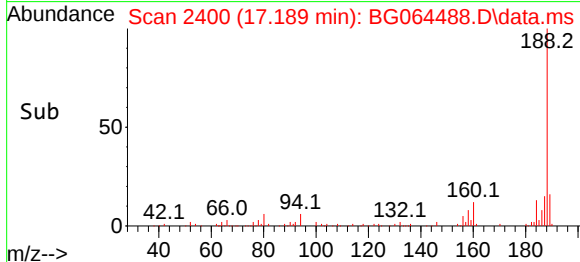
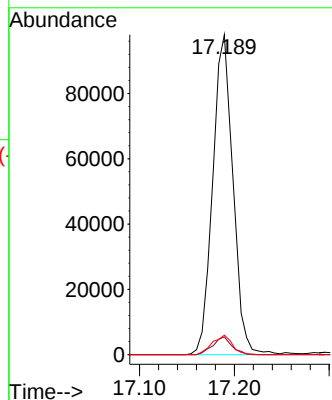
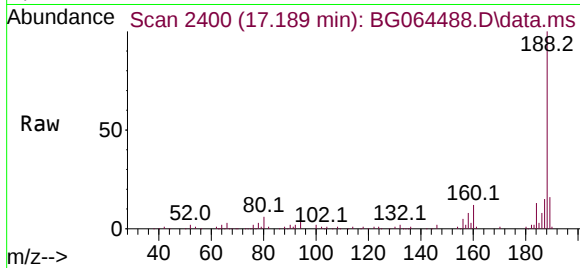




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

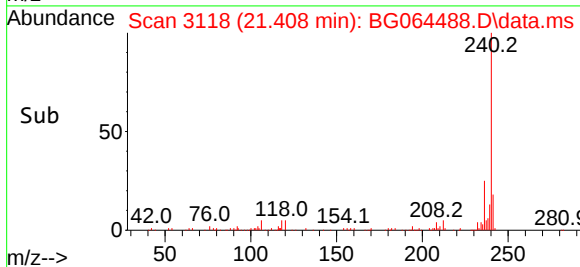
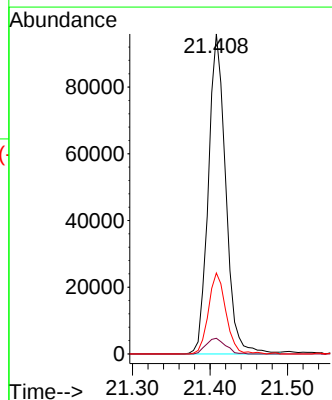
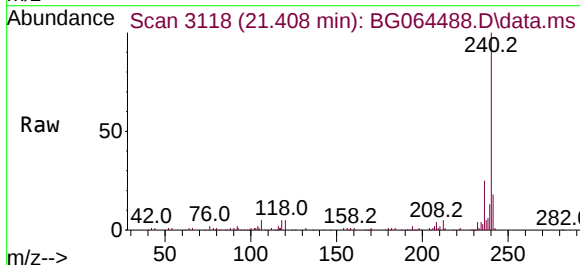
Instrument :
BNA_G
ClientSampleId :
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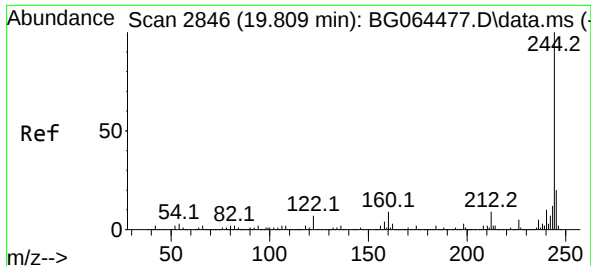
Tgt Ion:188 Resp: 145353
Ion Ratio Lower Upper
188 100
94 5.5 3.7 5.5#
80 6.1 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:240 Resp: 149348
Ion Ratio Lower Upper
240 100
120 4.9 4.3 6.5
236 25.3 20.4 30.6

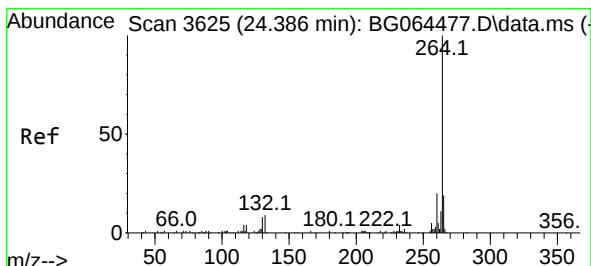
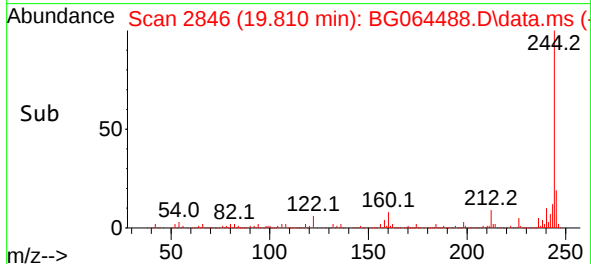
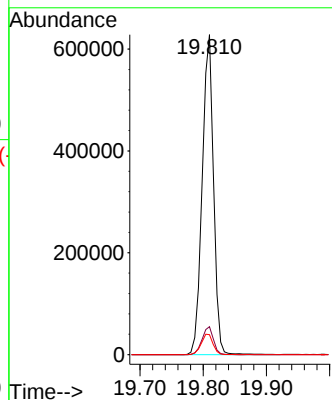
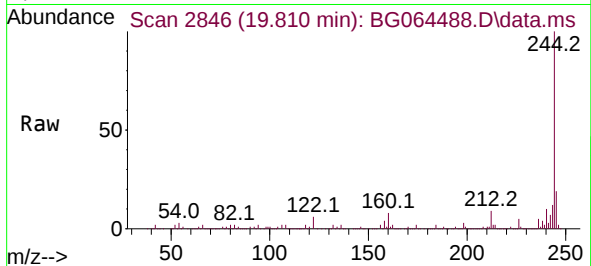




#79
 Terphenyl-d14
 Concen: 98.773 ng
 RT: 19.810 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064488.D
 Acq: 3 Oct 2025 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB169973BL

Tgt Ion:244 Resp: 779476
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.387 min Scan# 3625
 Delta R.T. -0.002 min
 Lab File: BG064488.D
 Acq: 3 Oct 2025 15:35

Tgt Ion:264 Resp: 157878
 Ion Ratio Lower Upper
 264 100
 260 25.8 16.2 24.4#
 265 22.4 15.0 22.4

