

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064505.D
 Acq On : 14 Oct 2025 18:14
 Operator : RC/JU
 Sample : Q3326-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Oct 14 18:54:25 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	7.819	152	19125	20.000	ng	# 0.00
21) Naphthalene-d8	10.610	136	73989	20.000	ng	# 0.00
39) Acenaphthene-d10	14.447	164	49430	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	123986	20.000	ng	0.00
76) Chrysene-d12	21.409	240	154049	20.000	ng	0.00
86) Perylene-d12	24.388	264	158669	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	171258	165.722	ng	0.01
7) Phenol-d6	7.002	99	207464	149.392	ng	0.02
23) Nitrobenzene-d5	8.977	82	148690	108.057	ng	0.01
42) 2,4,6-Tribromophenol	15.933	330	153046	170.813	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	370520	110.489	ng	0.00
79) Terphenyl-d14	19.805	244	835326	102.620	ng	0.00

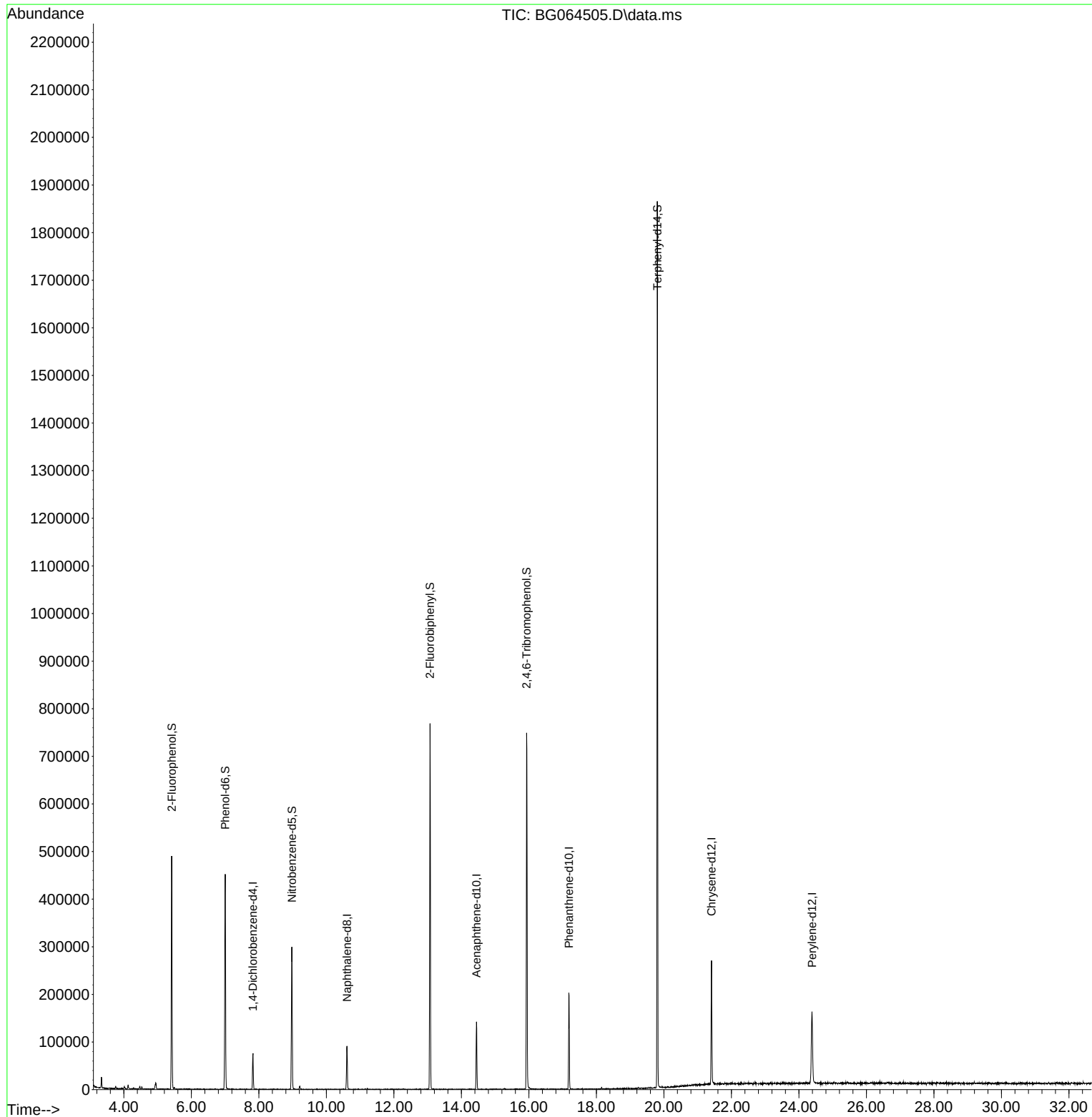
Target Compounds	Qvalue

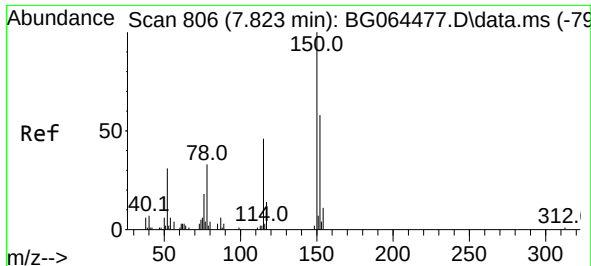
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064505.D
Acq On : 14 Oct 2025 18:14
Operator : RC/JU
Sample : Q3326-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Oct 14 18:54:25 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

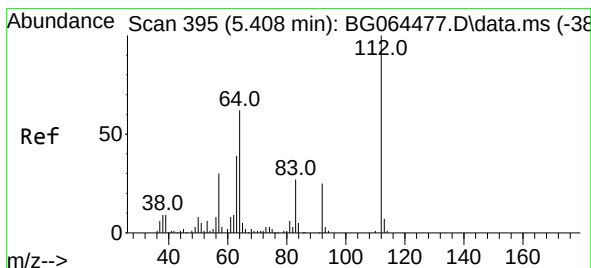
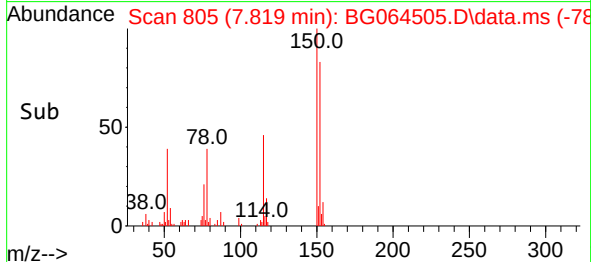
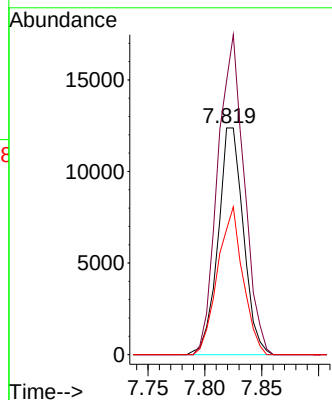
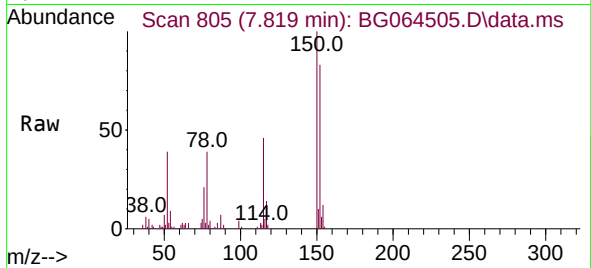




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.819 min Scan# 806
 Delta R.T. -0.001 min
 Lab File: BG064505.D
 Acq: 14 Oct 2025 18:14

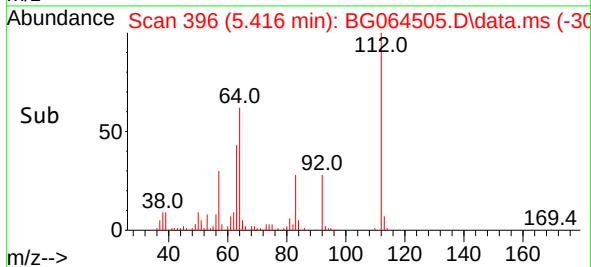
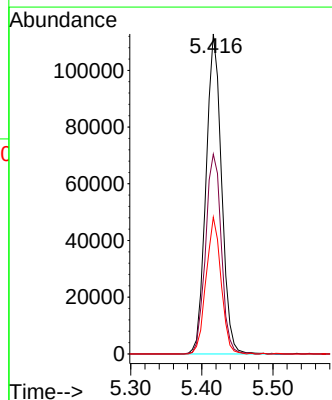
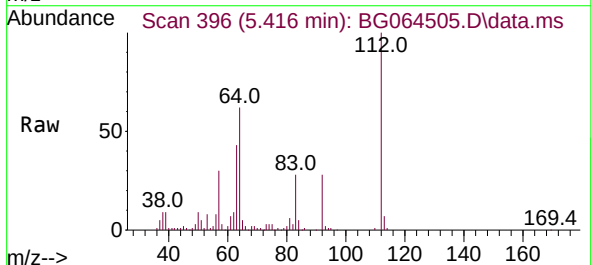
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

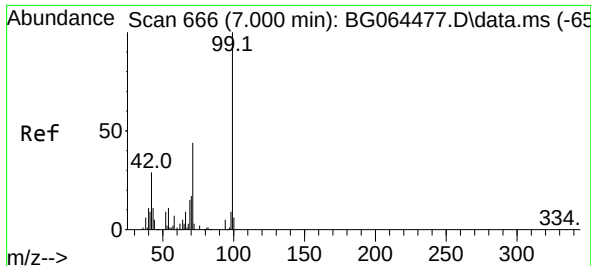
Tgt Ion:152 Resp: 19125
 Ion Ratio Lower Upper
 152 100
 150 120.8 138.6 207.8#
 115 55.2 63.4 95.2#



#5
 2-Fluorophenol
 Concen: 165.722 ng
 RT: 5.416 min Scan# 396
 Delta R.T. 0.010 min
 Lab File: BG064505.D
 Acq: 14 Oct 2025 18:14

Tgt Ion:112 Resp: 171258
 Ion Ratio Lower Upper
 112 100
 64 62.4 49.8 74.8
 63 42.7 31.3 46.9

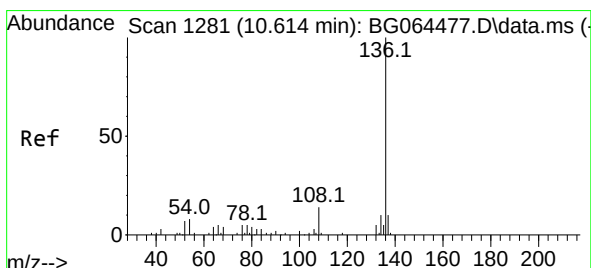
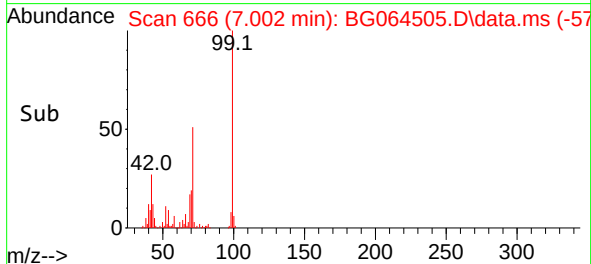
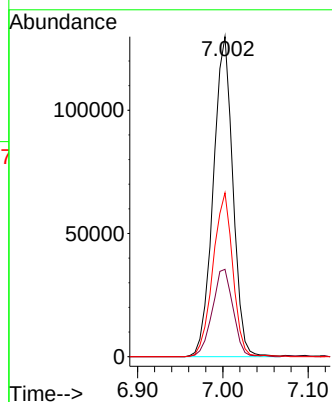
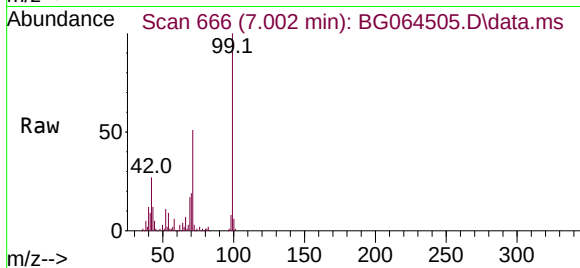




#7
Phenol-d6
Concen: 149.392 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

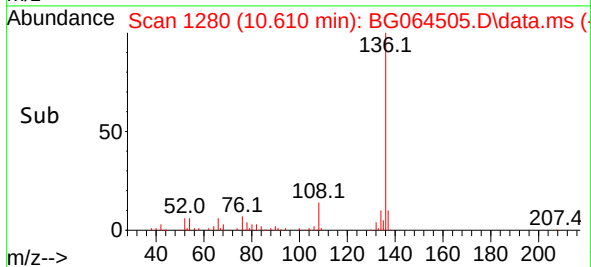
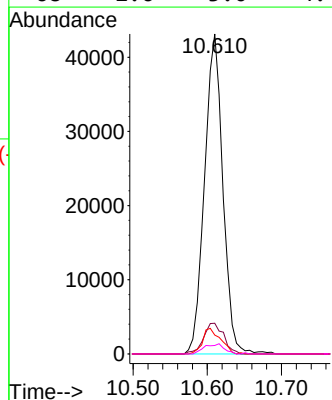
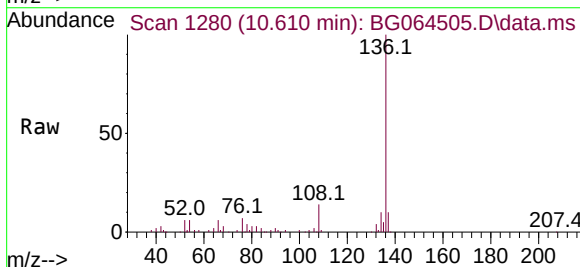
Instrument :
BNA_G
ClientSampleId :
TP-1

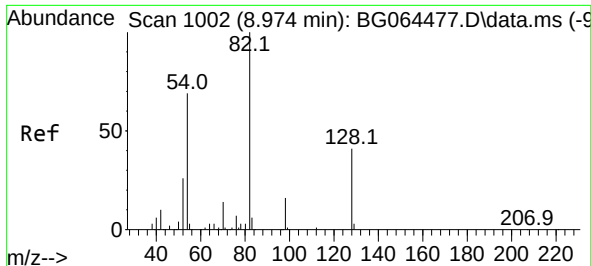
Tgt Ion: 99 Resp: 207464
Ion Ratio Lower Upper
99 100
42 27.3 22.9 34.3
71 51.2 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:136 Resp: 73989
Ion Ratio Lower Upper
136 100
137 9.6 8.3 12.5
54 5.9 6.2 9.4#
68 2.6 3.0 4.4#

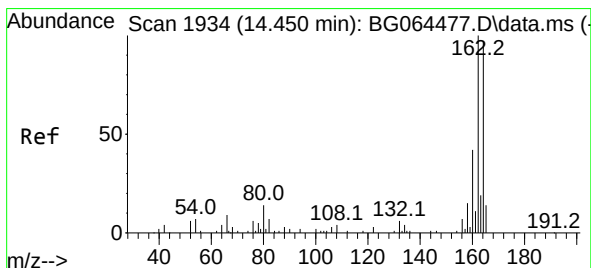
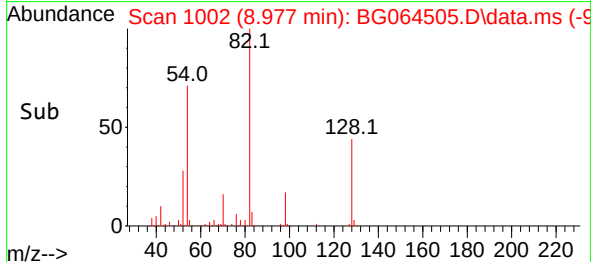
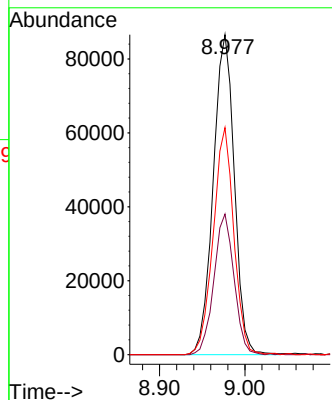
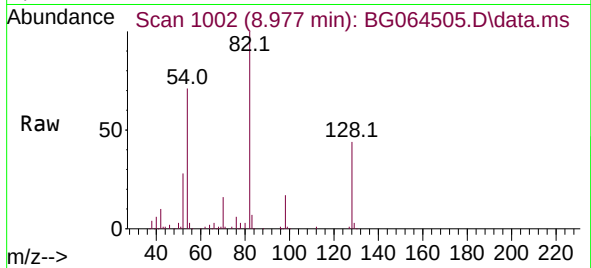




#23
Nitrobenzene-d5
Concen: 108.057 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.010 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

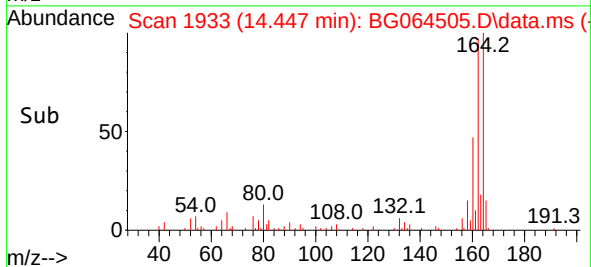
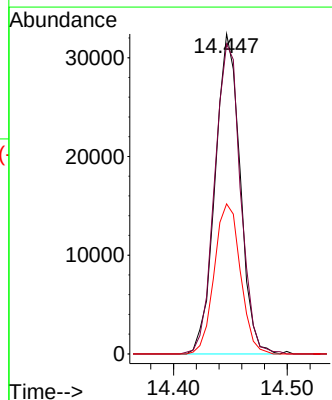
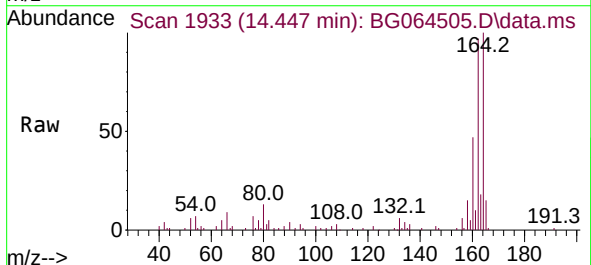
Instrument :
BNA_G
ClientSampleId :
TP-1

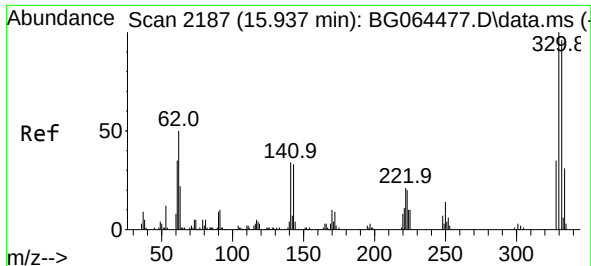
Tgt Ion: 82 Resp: 148690
Ion Ratio Lower Upper
82 100
128 43.9 33.1 49.7
54 70.9 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.447 min Scan# 1933
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

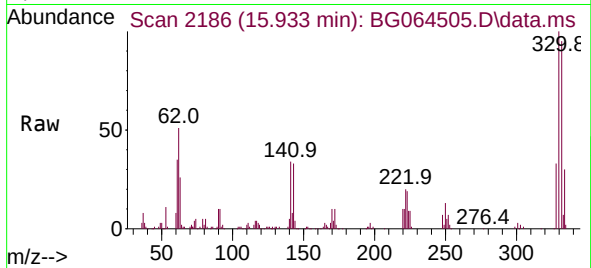
Tgt Ion:164 Resp: 49430
Ion Ratio Lower Upper
164 100
162 96.9 82.2 123.2
160 46.9 34.3 51.5



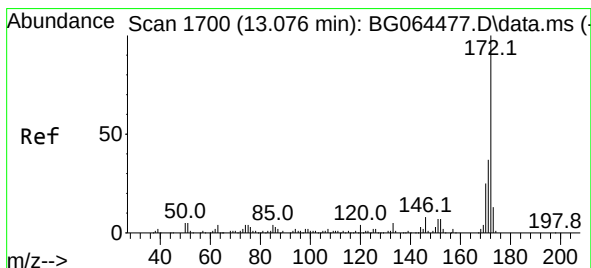
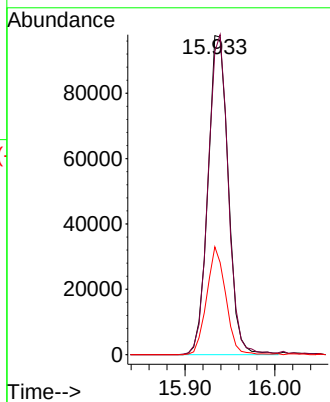
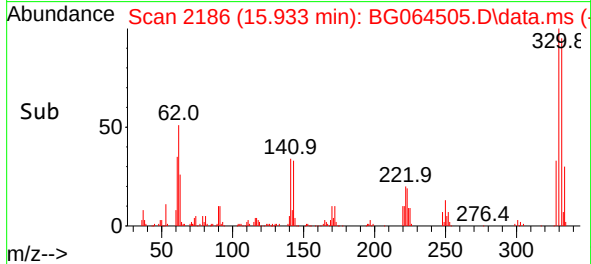


#42
2,4,6-Tribromophenol
Concen: 170.813 ng
RT: 15.933 min Scan# 2186
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

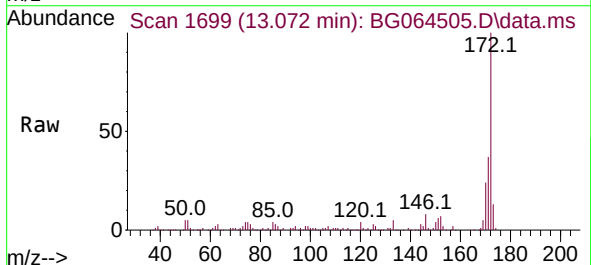
Instrument :
BNA_G
ClientSampleId :
TP-1



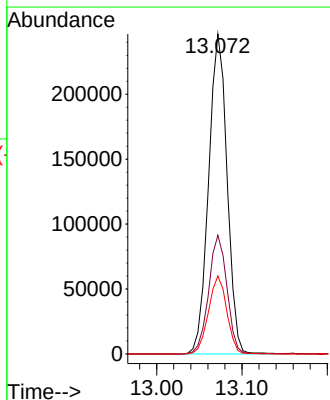
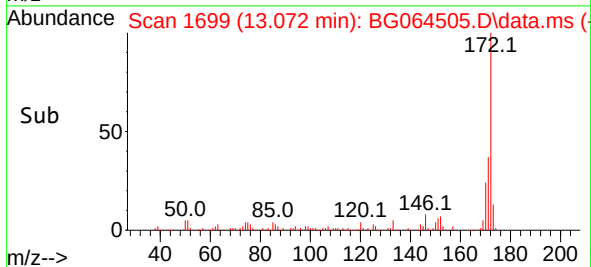
Tgt Ion:330 Resp: 153046
Ion Ratio Lower Upper
330 100
332 99.3 77.4 116.0
141 31.6 25.8 38.6

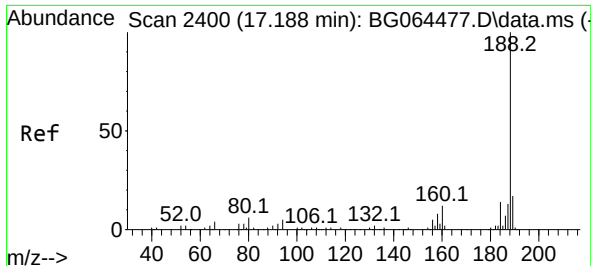


#45
2-Fluorobiphenyl
Concen: 110.489 ng
RT: 13.072 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14



Tgt Ion:172 Resp: 370520
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.3 20.2 30.2

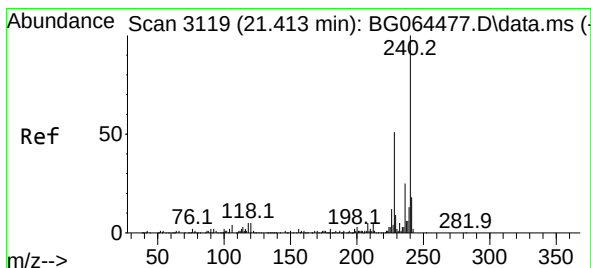
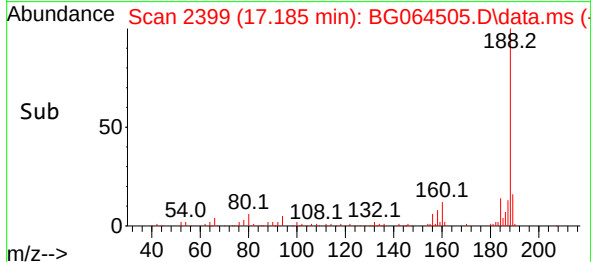
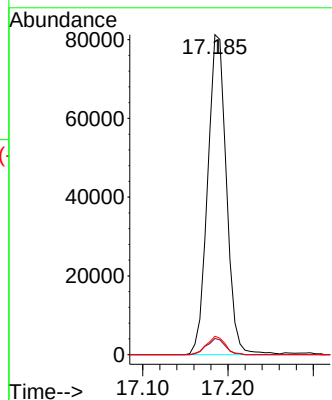
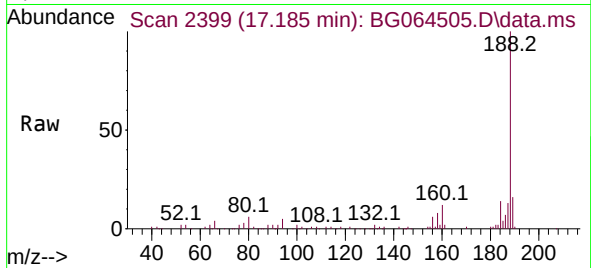




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.185 min Scan# 2399
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

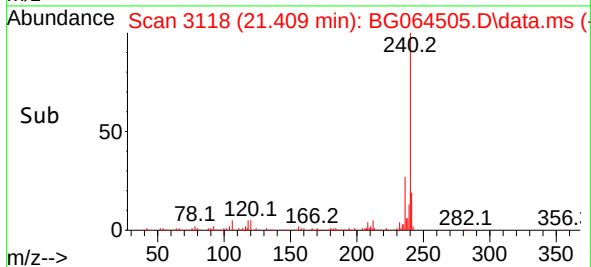
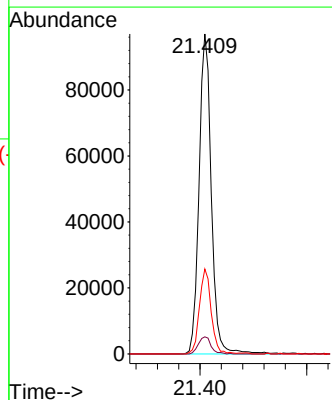
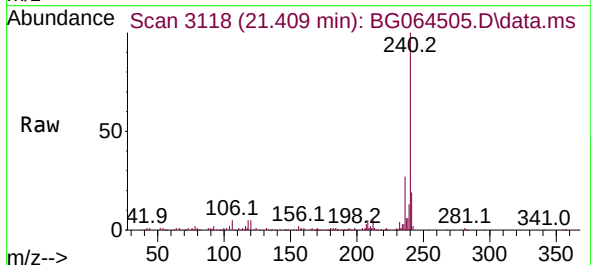
Instrument :
BNA_G
ClientSampleId :
TP-1

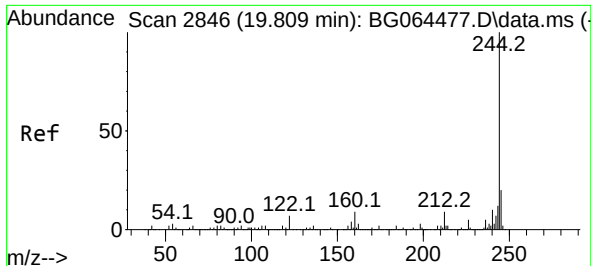
Tgt Ion:188 Resp: 123986
Ion Ratio Lower Upper
188 100
94 5.0 3.7 5.5
80 5.7 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3118
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:240 Resp: 154049
Ion Ratio Lower Upper
240 100
120 5.3 4.3 6.5
236 26.6 20.4 30.6

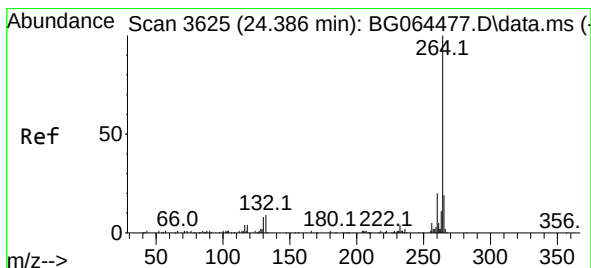
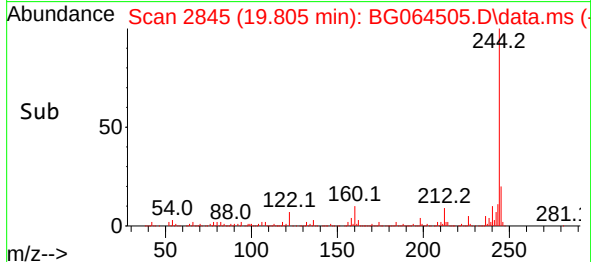
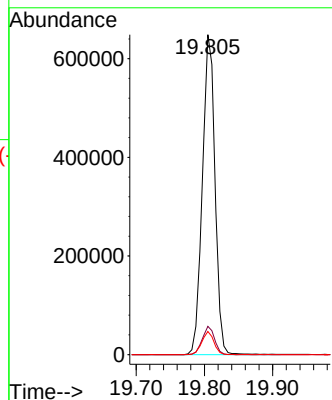
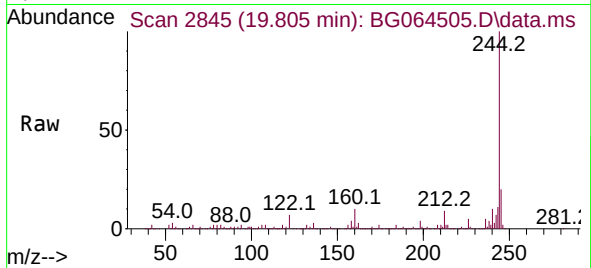




#79
 Terphenyl-d14
 Concen: 102.620 ng
 RT: 19.805 min Scan# 2846
 Delta R.T. -0.001 min
 Lab File: BG064505.D
 Acq: 14 Oct 2025 18:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 835326
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 7.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.388 min Scan# 3625
 Delta R.T. -0.001 min
 Lab File: BG064505.D
 Acq: 14 Oct 2025 18:14

Tgt Ion:264 Resp: 158669
 Ion Ratio Lower Upper
 264 100
 260 22.5 16.2 24.4
 265 23.4 15.0 22.4#

