

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
 Data File : BG064280.D
 Acq On : 4 Sep 2025 12:35
 Operator : RC/JU
 Sample : PB169461BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169461BL

Quant Time: Sep 04 13:13:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	26246	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	113679	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	79006	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	174796	20.000	ng	0.00
76) Chrysene-d12	21.449	240	190365	20.000	ng	# 0.00
86) Perylene-d12	24.451	264	207350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	226689	154.957	ng	0.00
7) Phenol-d6	7.025	99	304770	151.643	ng	0.00
23) Nitrobenzene-d5	9.005	82	221519	108.676	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	161061	153.909	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	542082	104.727	ng	0.00
79) Terphenyl-d14	19.839	244	976655	107.039	ng	0.00

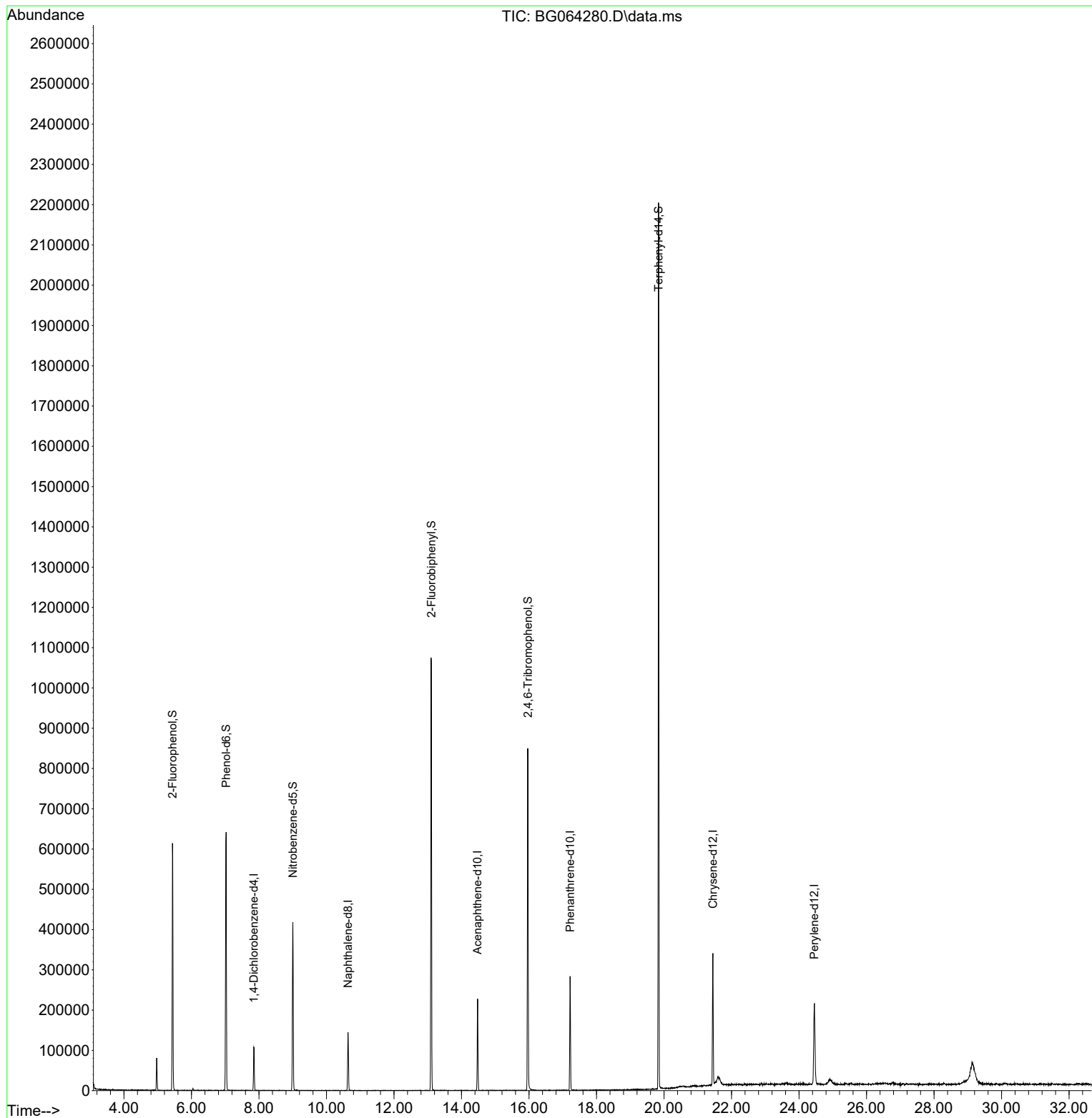
Target Compounds	Qvalue

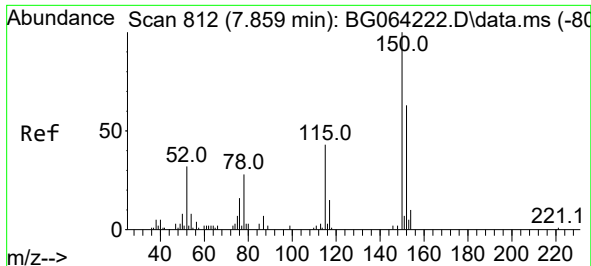
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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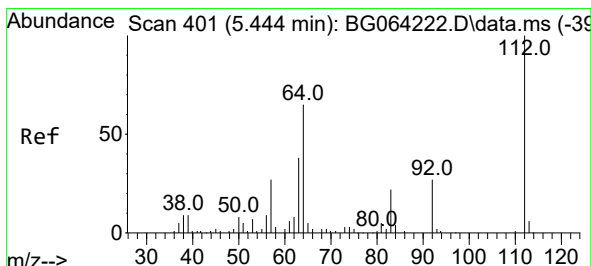
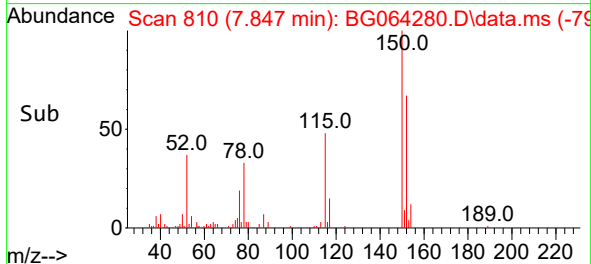
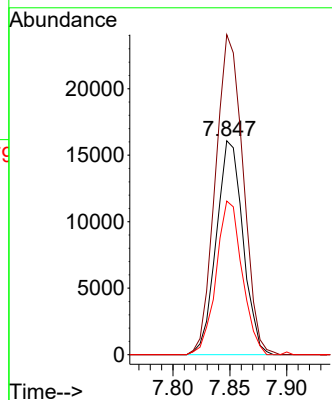
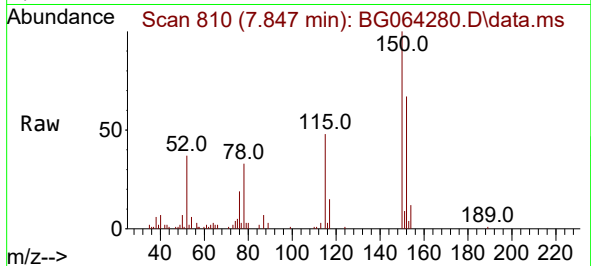




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

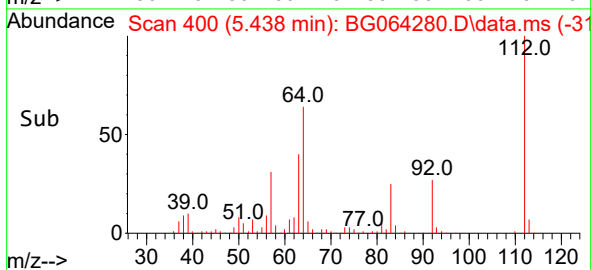
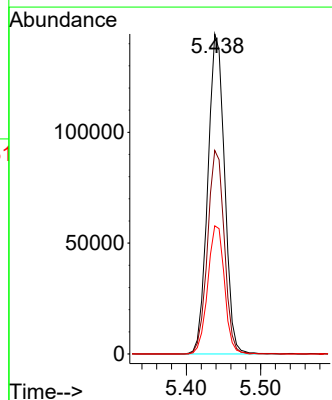
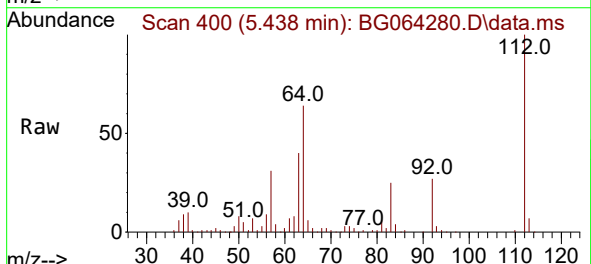
Instrument :
BNA_G
ClientSampleId :
PB169461BL

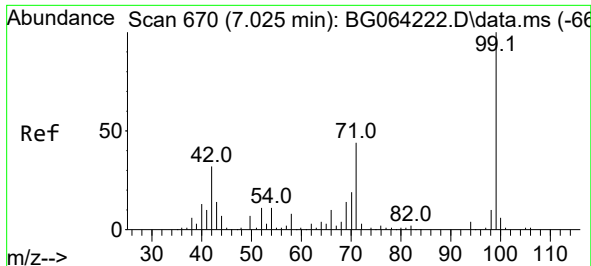
Tgt Ion:152 Resp: 26246
Ion Ratio Lower Upper
152 100
150 149.5 128.0 192.0
115 71.8 55.7 83.5



#5
2-Fluorophenol
Concen: 154.957 ng
RT: 5.438 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:112 Resp: 226689
Ion Ratio Lower Upper
112 100
64 63.6 51.8 77.6
63 40.0 30.6 45.8

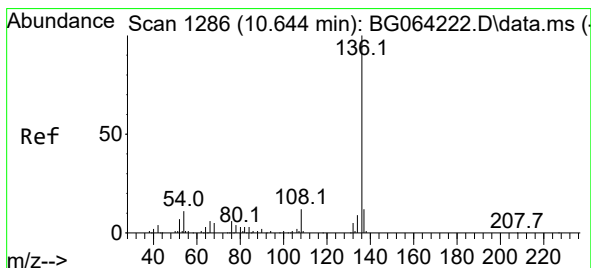
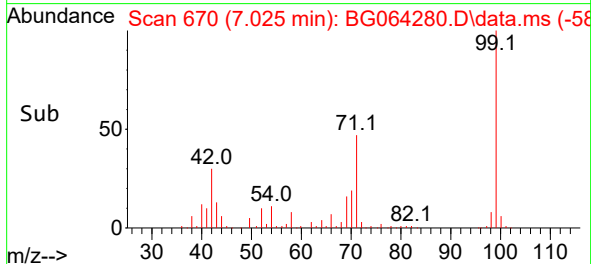
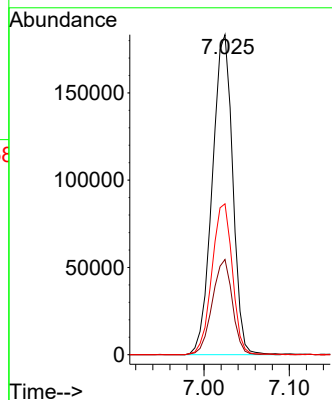
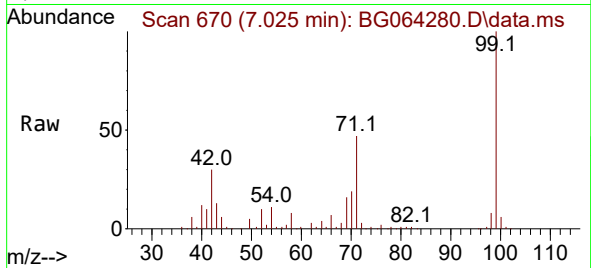




#7
Phenol-d6
Concen: 151.643 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

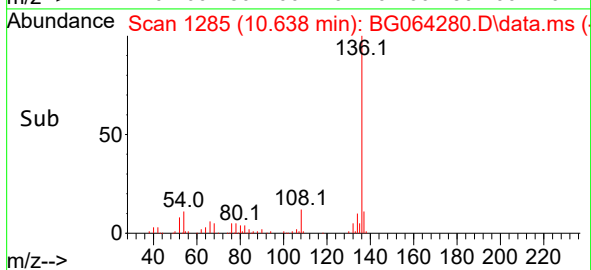
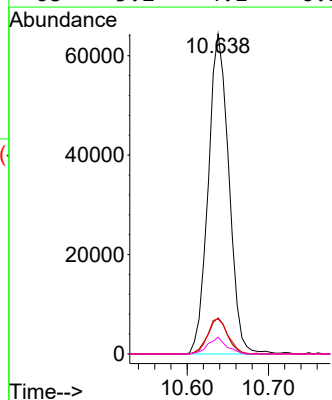
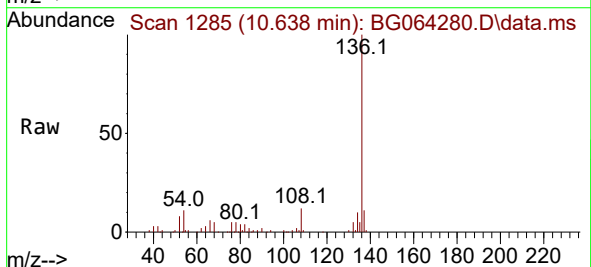
Instrument :
BNA_G
ClientSampleId :
PB169461BL

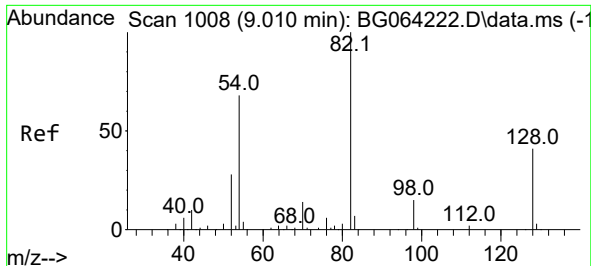
Tgt Ion: 99 Resp: 304770
Ion Ratio Lower Upper
99 100
42 29.8 25.8 38.8
71 47.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:136 Resp: 113679
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 11.8 8.8 13.2
68 5.2 4.1 6.1

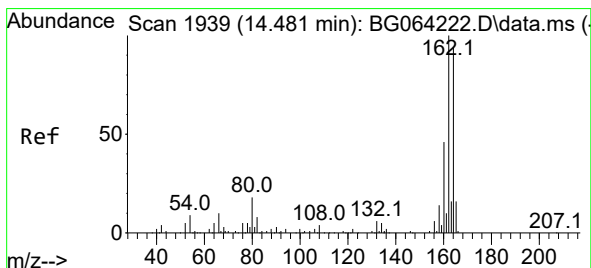
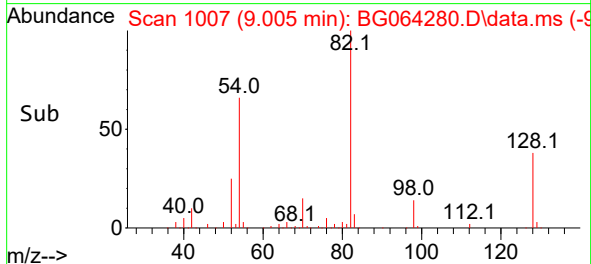
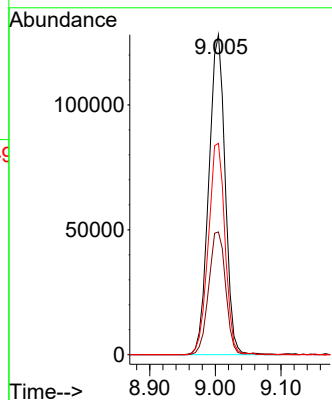
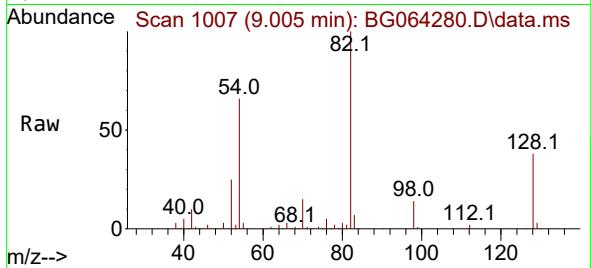




#23
Nitrobenzene-d5
Concen: 108.676 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

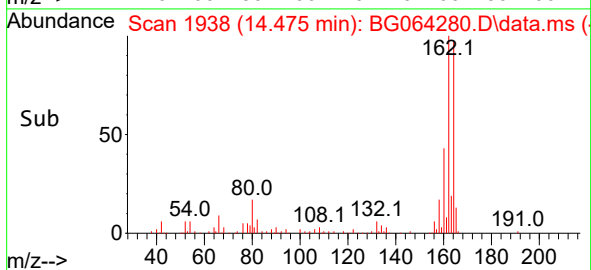
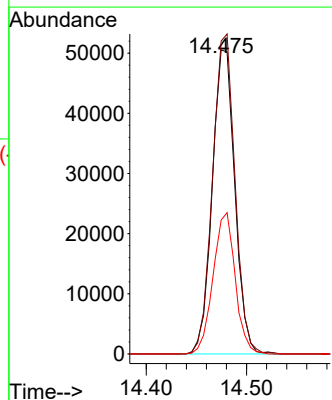
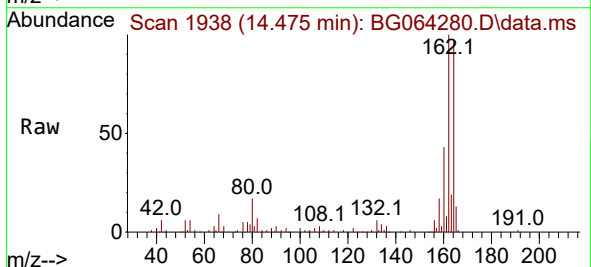
Instrument :
BNA_G
ClientSampleId :
PB169461BL

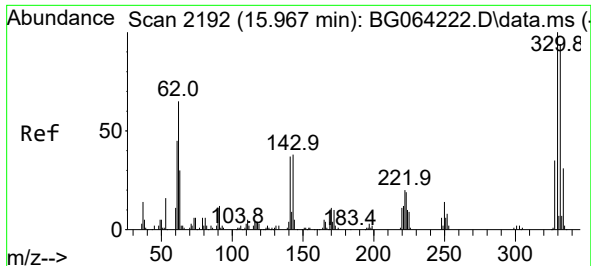
Tgt Ion: 82 Resp: 221519
Ion Ratio Lower Upper
82 100
128 38.3 32.6 48.8
54 66.0 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

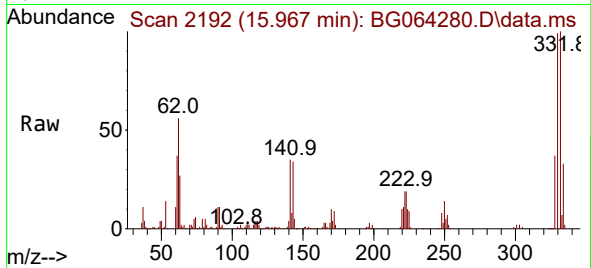
Tgt Ion:164 Resp: 79006
Ion Ratio Lower Upper
164 100
162 103.0 85.4 128.0
160 44.0 39.2 58.8



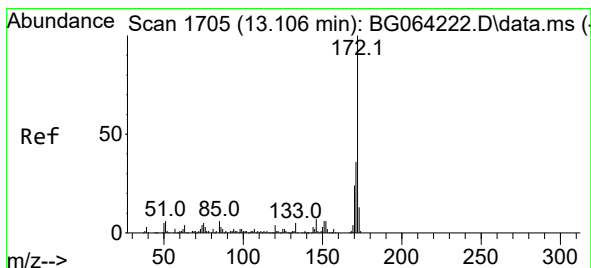
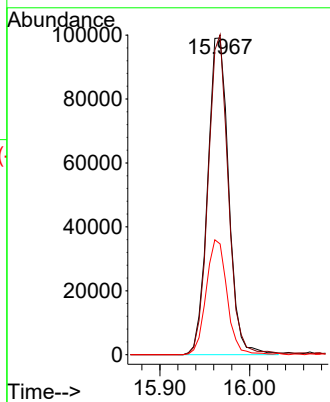
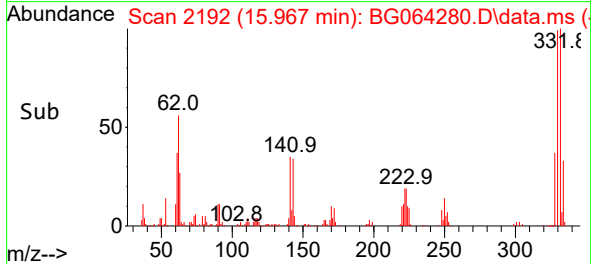


#42
2,4,6-Tribromophenol
Concen: 153.909 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

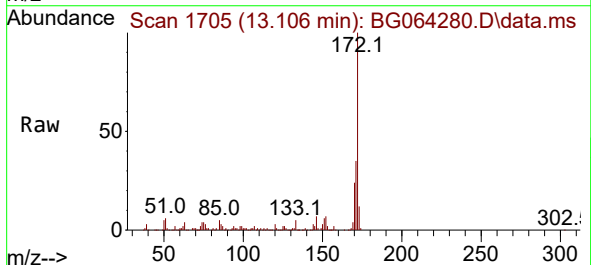
Instrument :
BNA_G
ClientSampleId :
PB169461BL



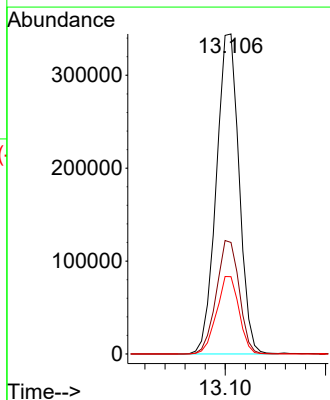
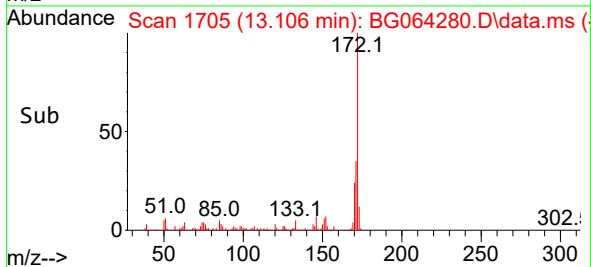
Tgt Ion:330 Resp: 161061
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 35.9 29.8 44.6

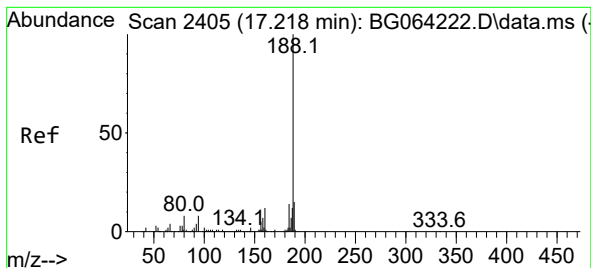


#45
2-Fluorobiphenyl
Concen: 104.727 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35



Tgt Ion:172 Resp: 542082
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG064280.D

Acq: 4 Sep 2025 12:35

Instrument :

BNA_G

ClientSampleId :

PB169461BL

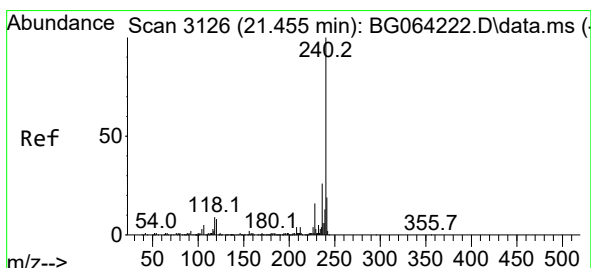
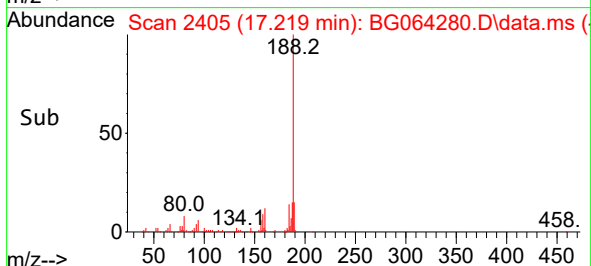
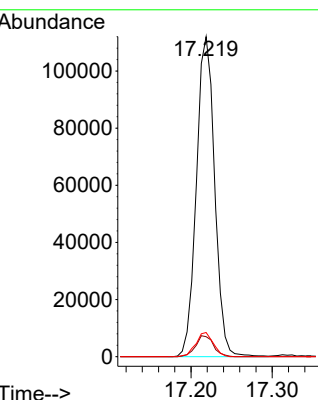
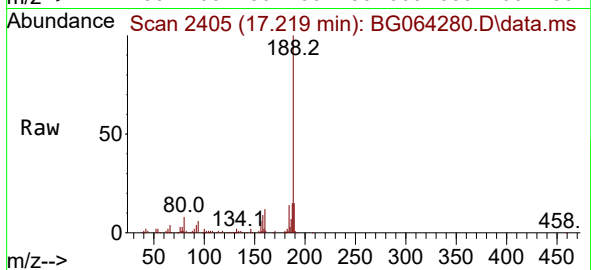
Tgt Ion:188 Resp: 174796

Ion Ratio Lower Upper

188 100

94 6.2 6.2 9.4

80 7.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BG064280.D

Acq: 4 Sep 2025 12:35

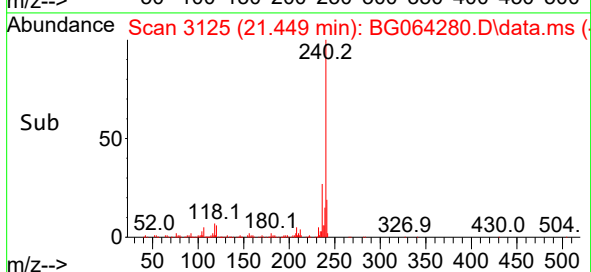
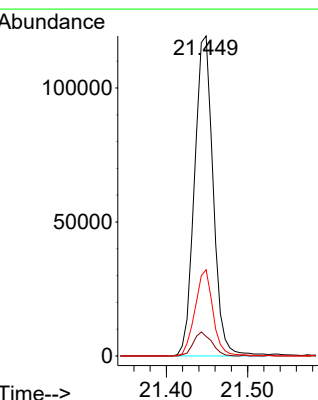
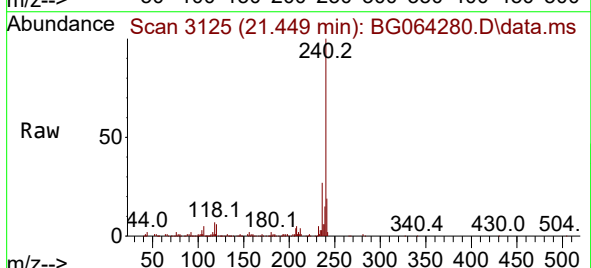
Tgt Ion:240 Resp: 190365

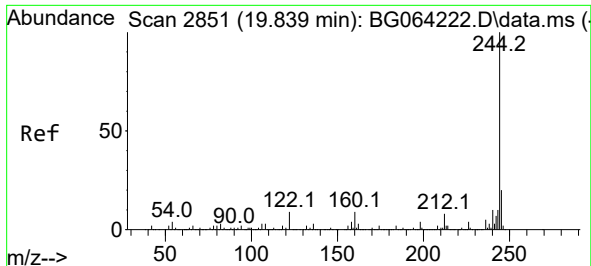
Ion Ratio Lower Upper

240 100

120 6.1 6.2 9.4#

236 26.9 20.5 30.7

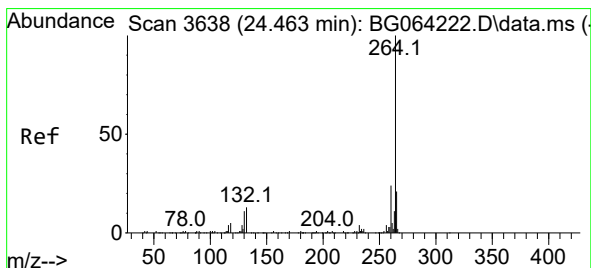
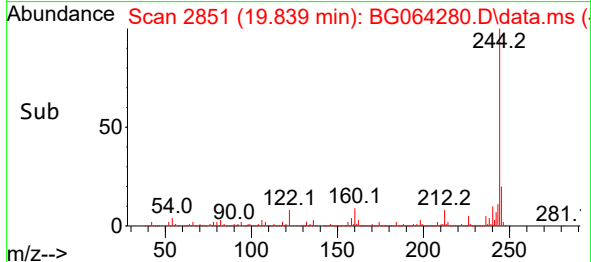
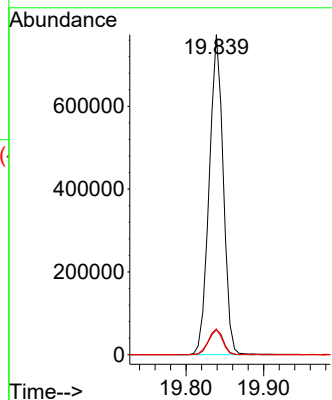
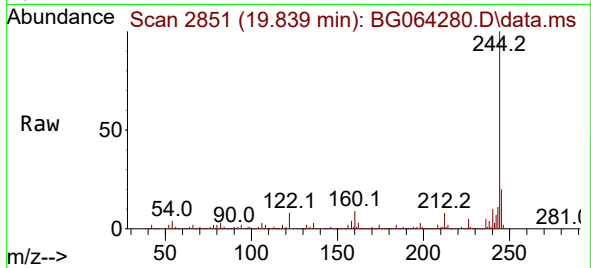




#79
 Terphenyl-d14
 Concen: 107.039 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064280.D
 Acq: 4 Sep 2025 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB169461BL

Tgt Ion:244 Resp: 976655
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 10.0
 122 8.0 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.451 min Scan# 3636
 Delta R.T. -0.012 min
 Lab File: BG064280.D
 Acq: 4 Sep 2025 12:35

Tgt Ion:264 Resp: 207350
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.0 16.7 25.1

