

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064426.D
 Acq On : 22 Sep 2025 22:24
 Operator : RC/JU
 Sample : Q3133-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 361

Quant Time: Sep 23 01:54:32 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	7.836	152	19413	20.000	ng	-0.02
21) Naphthalene-d8	10.626	136	70387	20.000	ng	#-0.02
39) Acenaphthene-d10	14.463	164	51672	20.000	ng	-0.02
64) Phenanthrene-d10	17.207	188	131581	20.000	ng	#-0.02
76) Chrysene-d12	21.431	240	157394	20.000	ng	#-0.02
86) Perylene-d12	24.428	264	173037	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	145685	134.638	ng	-0.01
7) Phenol-d6	7.013	99	173387	116.637	ng	-0.02
23) Nitrobenzene-d5	8.993	82	162060	128.406	ng	-0.02
42) 2,4,6-Tribromophenol	15.950	330	152574	222.925	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	370692	109.500	ng	-0.02
79) Terphenyl-d14	19.827	244	893034	118.377	ng	-0.02

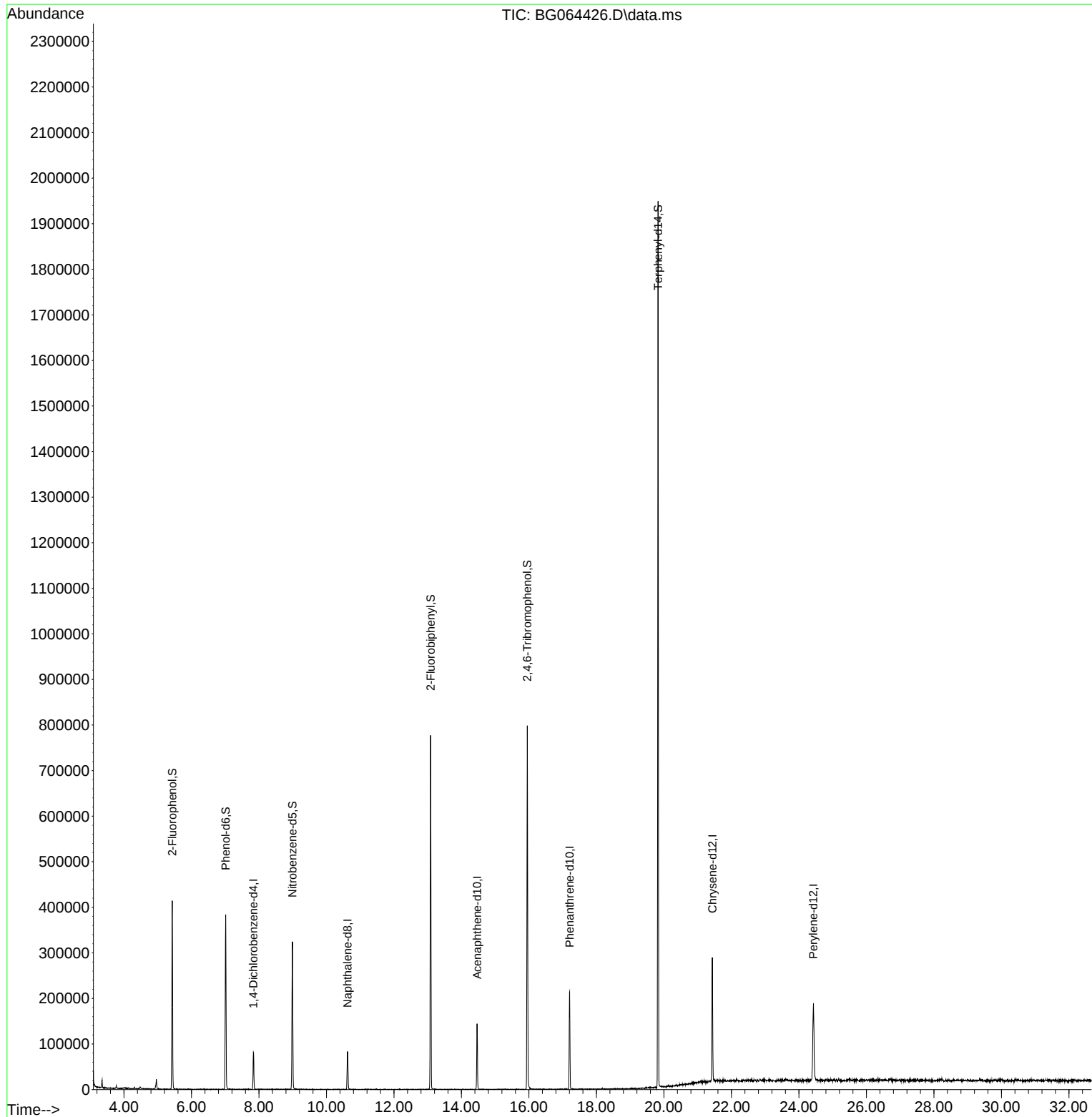
Target Compounds Qvalue

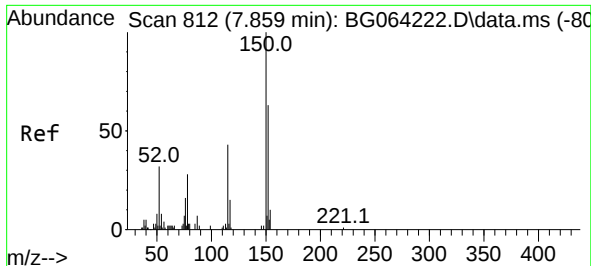
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064426.D
Acq On : 22 Sep 2025 22:24
Operator : RC/JU
Sample : Q3133-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
361

Quant Time: Sep 23 01:54:32 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

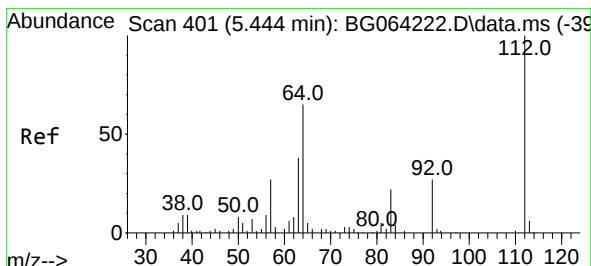
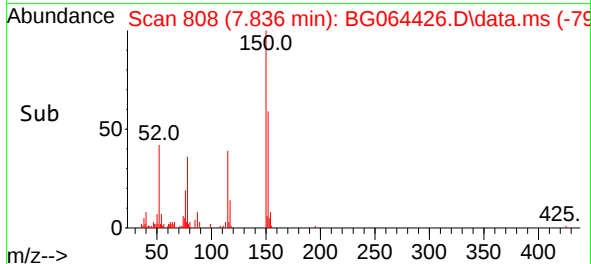
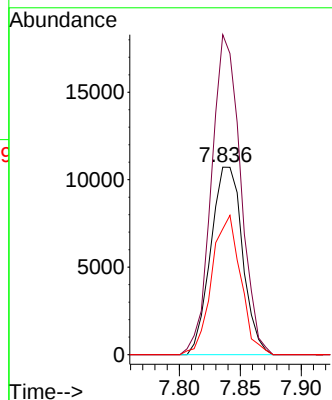
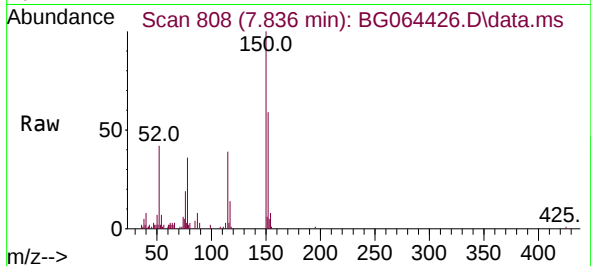




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.836 min Scan# 80
Delta R.T. -0.023 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

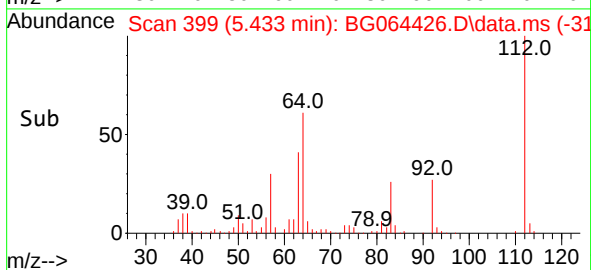
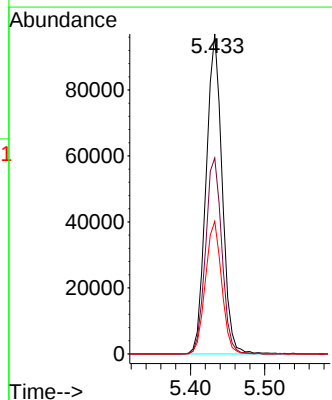
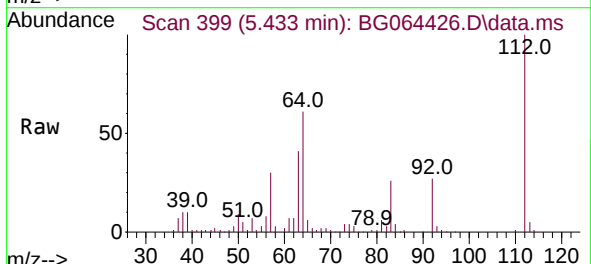
Instrument :
BNA_G
ClientSampleId :
361

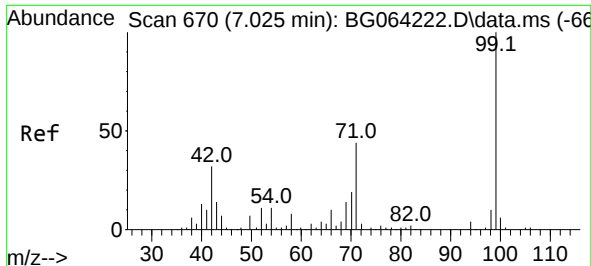
Tgt Ion:152 Resp: 19413
Ion Ratio Lower Upper
152 100
150 170.8 128.0 192.0
115 67.1 55.7 83.5



#5
2-Fluorophenol
Concen: 134.638 ng
RT: 5.433 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Tgt Ion:112 Resp: 145685
Ion Ratio Lower Upper
112 100
64 61.2 51.8 77.6
63 41.5 30.6 45.8

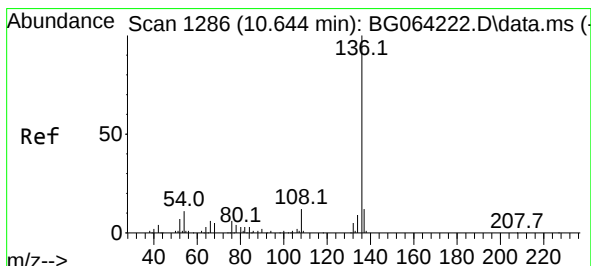
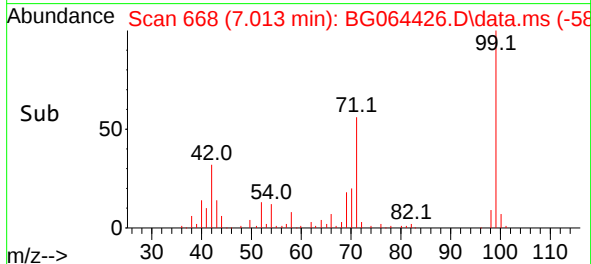
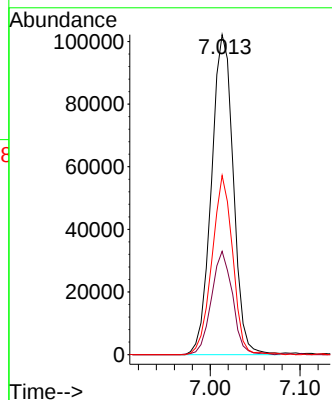
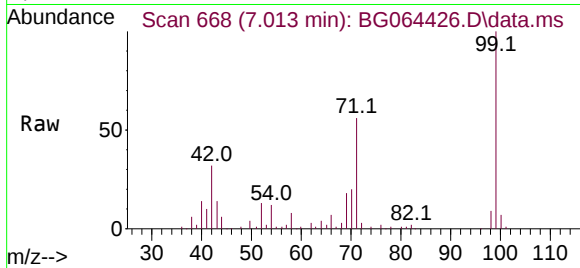




#7
Phenol-d6
Concen: 116.637 ng
RT: 7.013 min Scan# 60
Delta R.T. -0.018 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

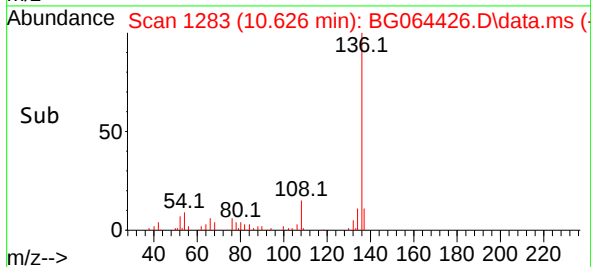
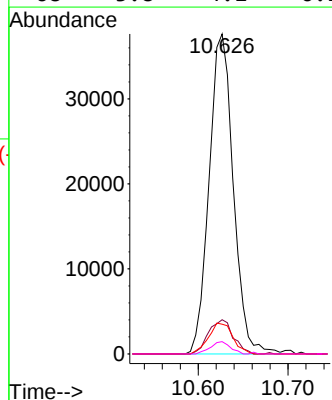
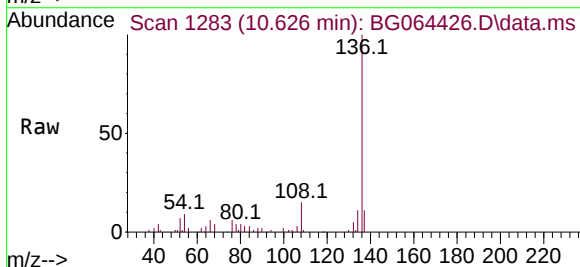
Instrument :
BNA_G
ClientSampleId :
361

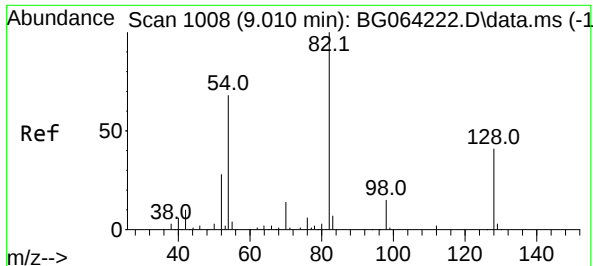
Tgt Ion: 99 Resp: 173387
Ion Ratio Lower Upper
99 100
42 32.3 25.8 38.8
71 56.0 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.024 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Tgt Ion: 136 Resp: 70387
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.3 8.8 13.2
68 3.8 4.1 6.1#

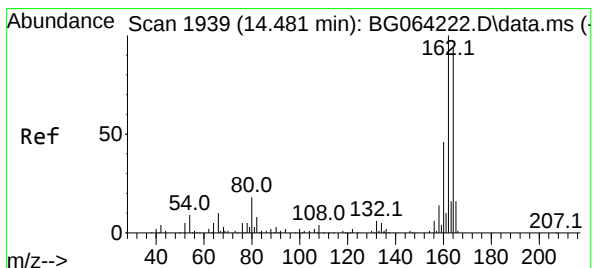
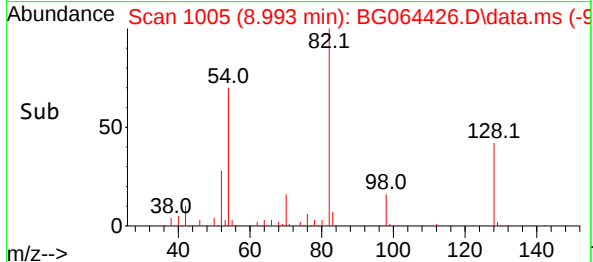
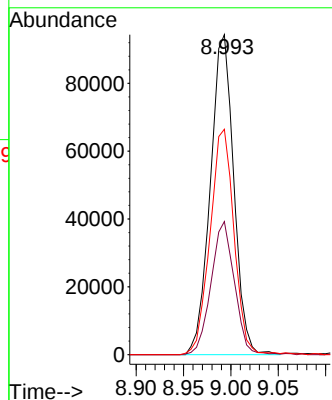
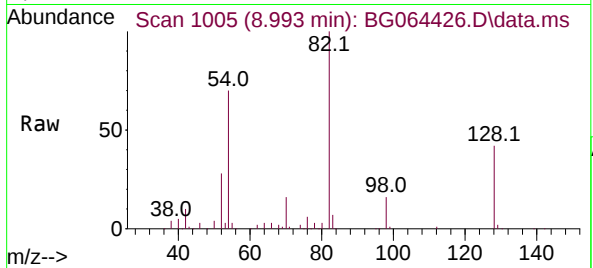




#23
Nitrobenzene-d5
Concen: 128.406 ng
RT: 8.993 min Scan# 10
Delta R.T. -0.023 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

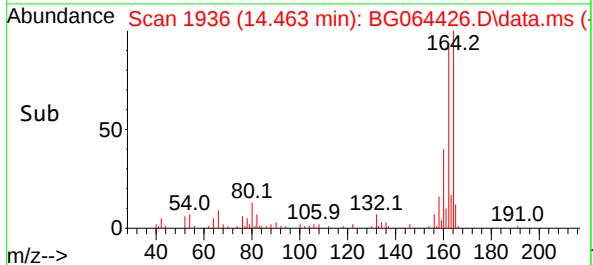
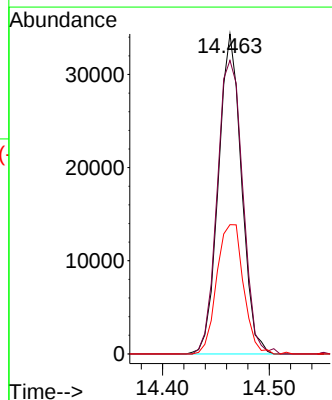
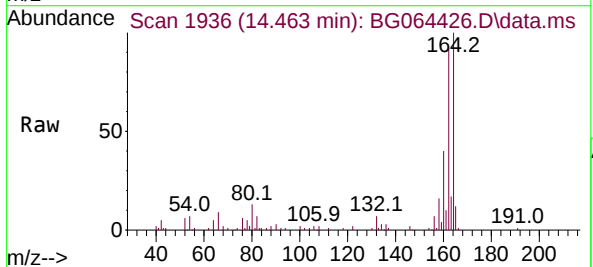
Instrument :
BNA_G
ClientSampleId :
361

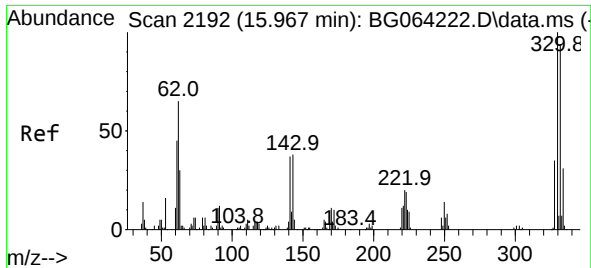
Tgt Ion: 82 Resp: 162060
Ion Ratio Lower Upper
82 100
128 41.6 32.6 48.8
54 70.4 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Tgt Ion:164 Resp: 51672
Ion Ratio Lower Upper
164 100
162 91.7 85.4 128.0
160 40.4 39.2 58.8

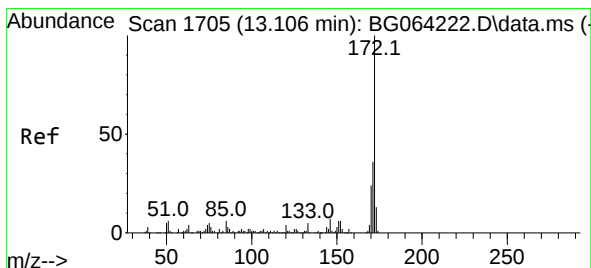
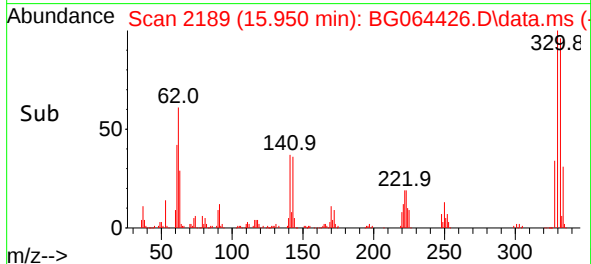
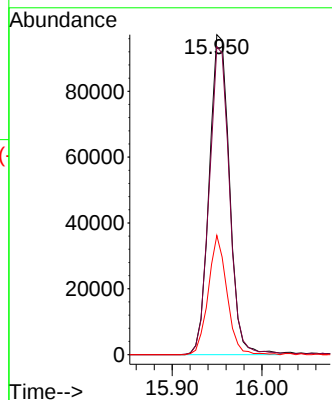
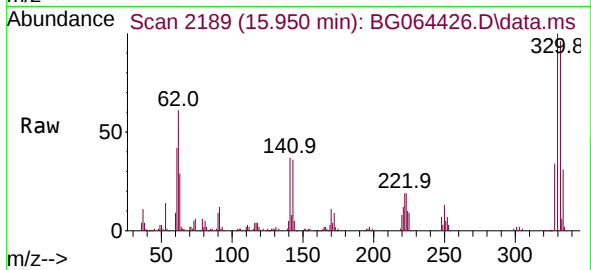




#42
 2,4,6-Tribromophenol
 Concen: 222.925 ng
 RT: 15.950 min Scan# 2192
 Delta R.T. -0.023 min
 Lab File: BG064426.D
 Acq: 22 Sep 2025 22:24

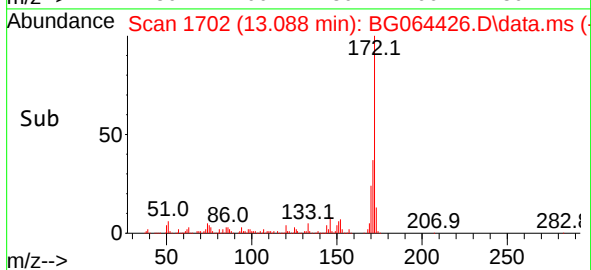
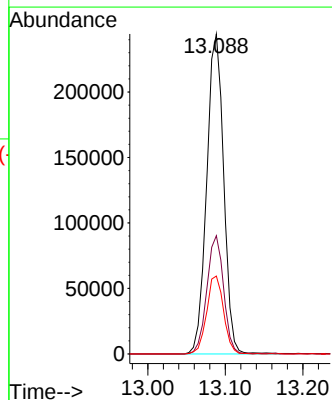
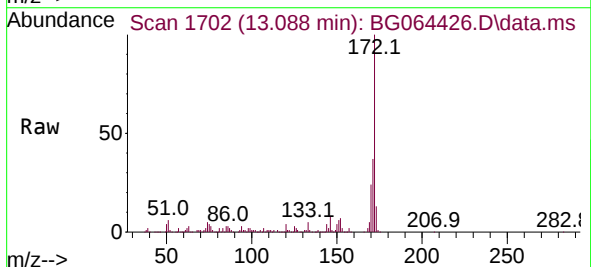
Instrument :
 BNA_G
 ClientSampleId :
 361

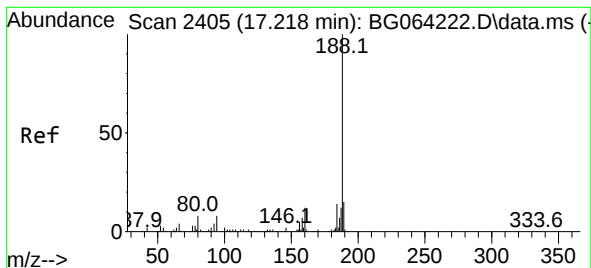
Tgt Ion:330 Resp: 152574
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 34.3 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 109.500 ng
 RT: 13.088 min Scan# 1702
 Delta R.T. -0.024 min
 Lab File: BG064426.D
 Acq: 22 Sep 2025 22:24

Tgt Ion:172 Resp: 370692
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.7 43.1
 170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 24

Delta R.T. -0.018 min

Lab File: BG064426.D

Acq: 22 Sep 2025 22:24

Instrument :

BNA_G

ClientSampleId :

361

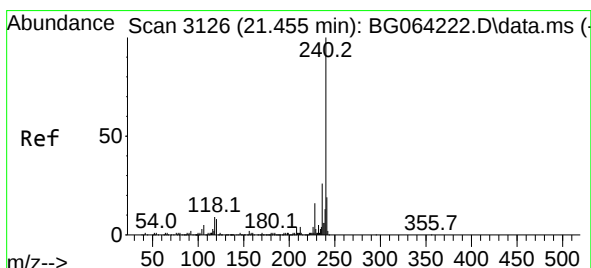
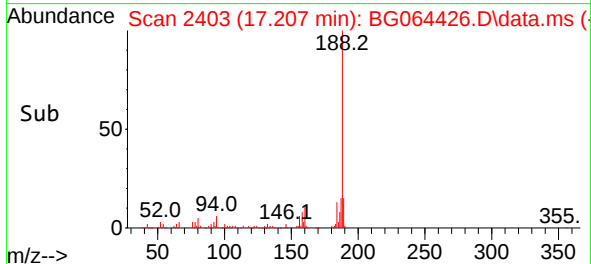
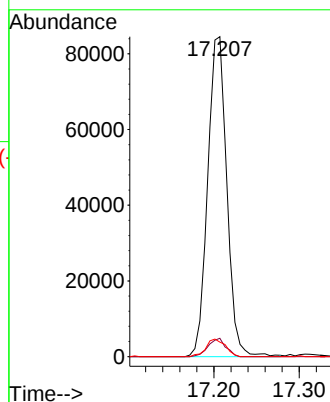
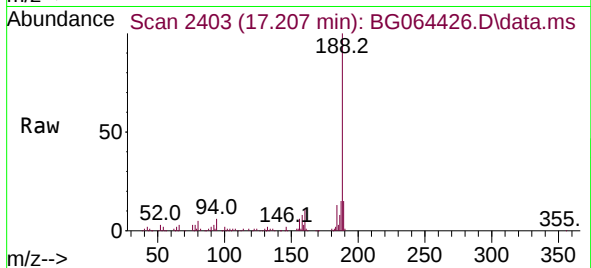
Tgt Ion:188 Resp: 131581

Ion Ratio Lower Upper

188 100

94 5.7 6.2 9.4#

80 4.5 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.431 min Scan# 3122

Delta R.T. -0.024 min

Lab File: BG064426.D

Acq: 22 Sep 2025 22:24

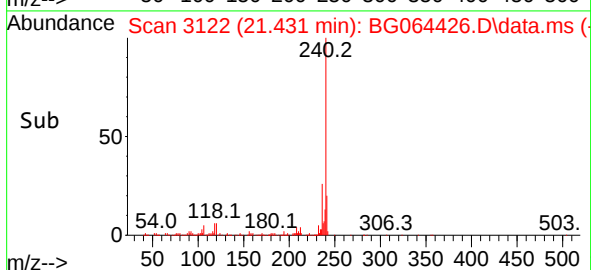
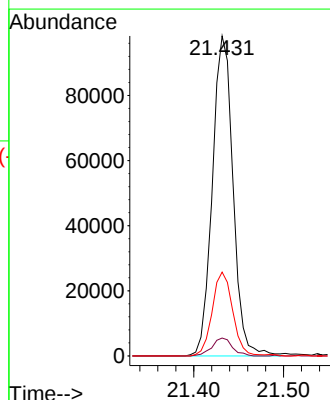
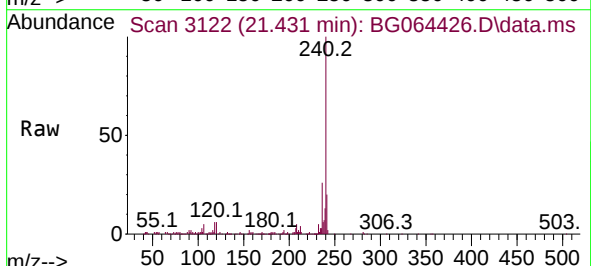
Tgt Ion:240 Resp: 157394

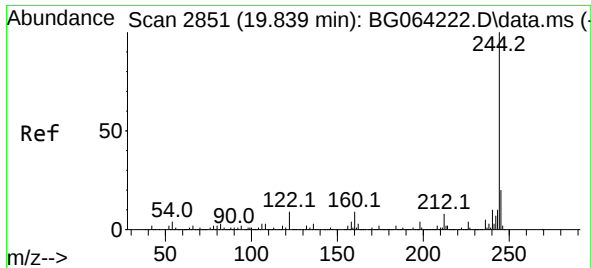
Ion Ratio Lower Upper

240 100

120 5.6 6.2 9.4#

236 26.2 20.5 30.7

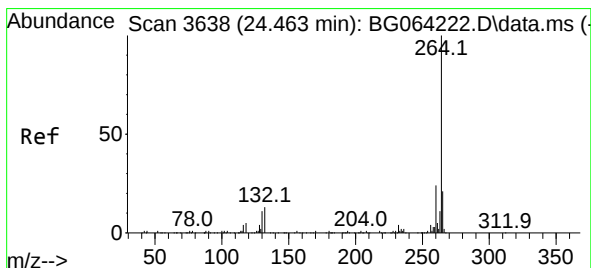
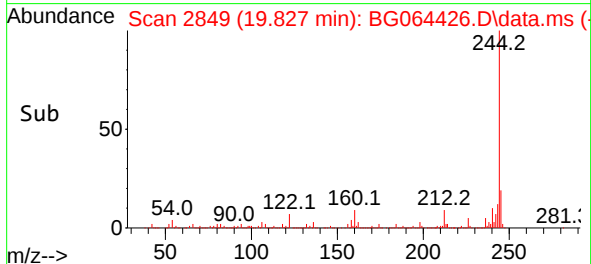
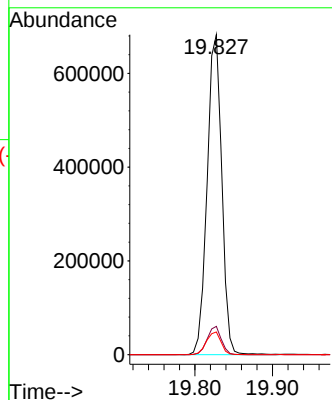
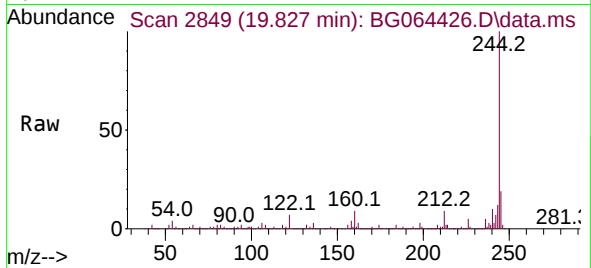




#79
 Terphenyl-d14
 Concen: 118.377 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.018 min
 Lab File: BG064426.D
 Acq: 22 Sep 2025 22:24

Instrument :
 BNA_G
 ClientSampleId :
 361

Tgt Ion:244 Resp: 893034
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.1 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.428 min Scan# 3632
 Delta R.T. -0.035 min
 Lab File: BG064426.D
 Acq: 22 Sep 2025 22:24

Tgt Ion:264 Resp: 173037
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.9 28.3
 265 20.5 16.7 25.1

