

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064422.D
 Acq On : 22 Sep 2025 19:40
 Operator : RC/JU
 Sample : Q3133-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-238

Quant Time: Sep 23 01:51:59 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	7.835	152	17062	20.000	ng	-0.02
21) Naphthalene-d8	10.626	136	67511	20.000	ng	#-0.02
39) Acenaphthene-d10	14.463	164	50586	20.000	ng	-0.02
64) Phenanthrene-d10	17.207	188	132551	20.000	ng	#-0.02
76) Chrysene-d12	21.431	240	152856	20.000	ng	#-0.02
86) Perylene-d12	24.428	264	166011	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	141135	148.406	ng	-0.01
7) Phenol-d6	7.013	99	172722	132.200	ng	-0.02
23) Nitrobenzene-d5	8.993	82	136716	112.940	ng	-0.02
42) 2,4,6-Tribromophenol	15.955	330	149940	223.780	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	357688	107.927	ng	-0.02
79) Terphenyl-d14	19.827	244	897492	122.500	ng	-0.02

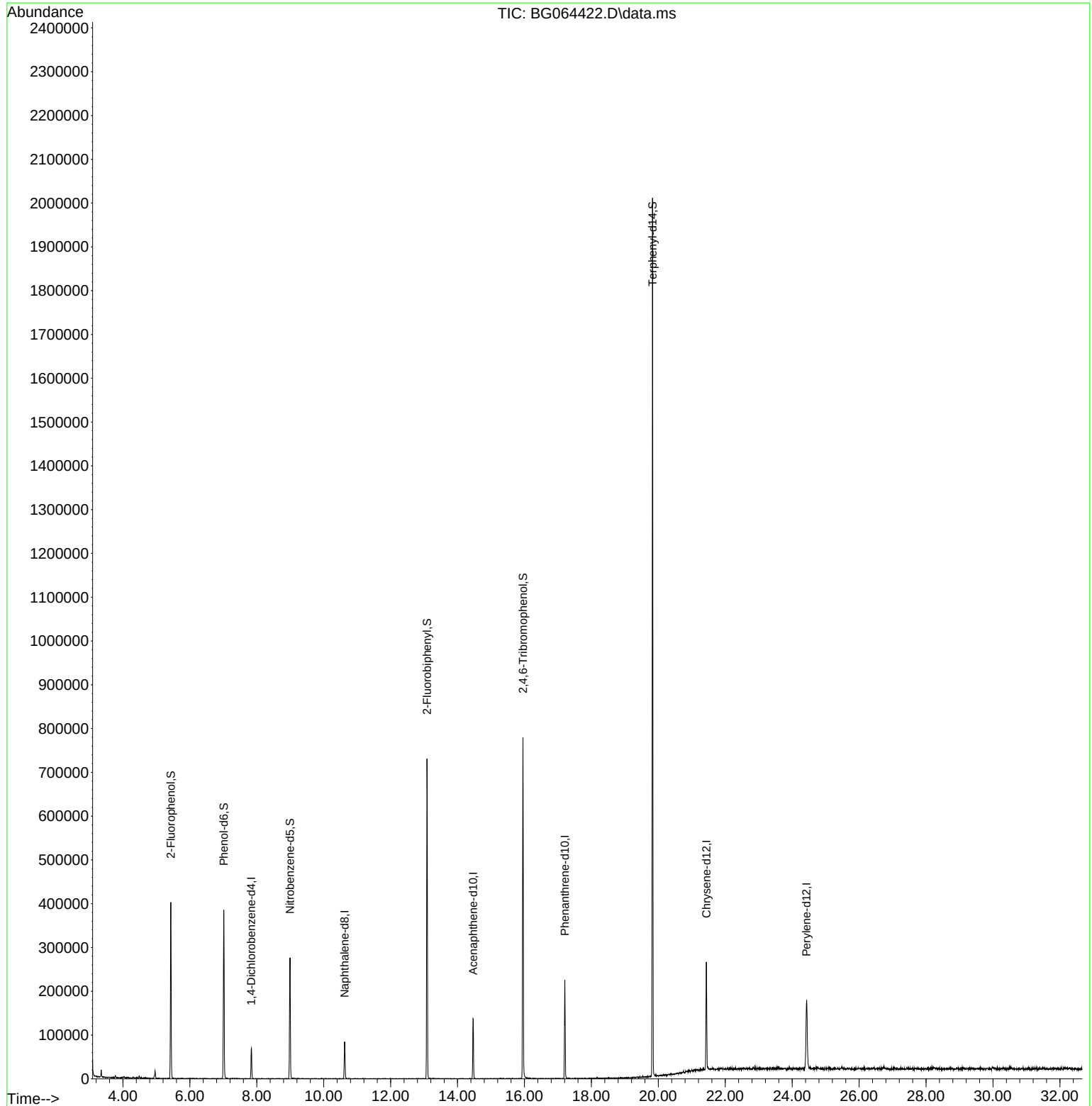
Target Compounds Qvalue

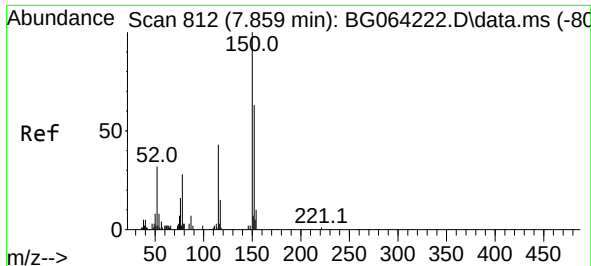
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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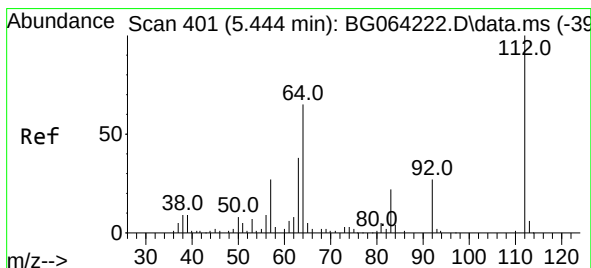
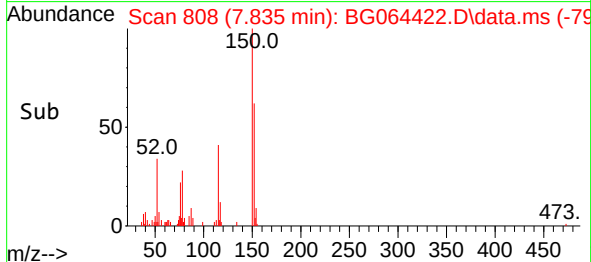
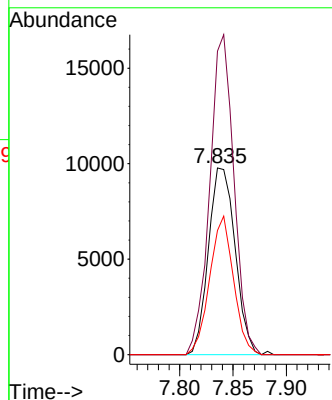
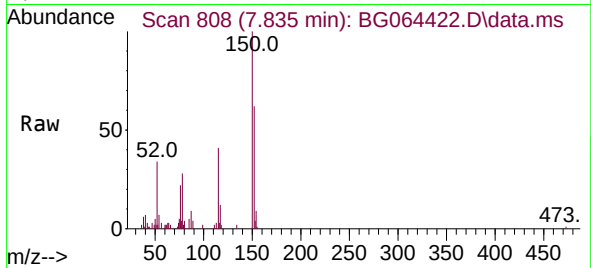




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.835 min Scan# 80
 Delta R.T. -0.024 min
 Lab File: BG064422.D
 Acq: 22 Sep 2025 19:40

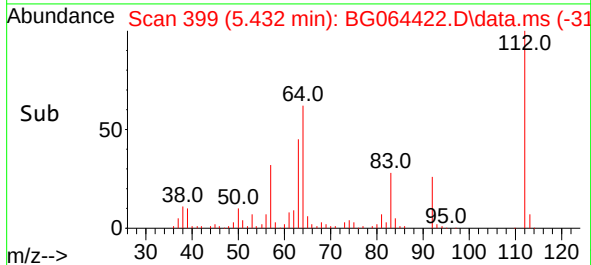
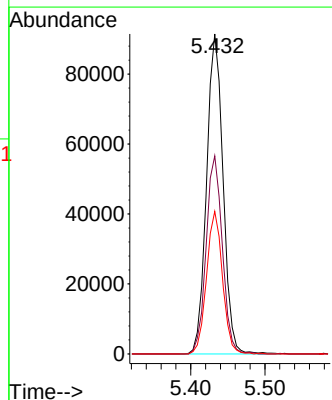
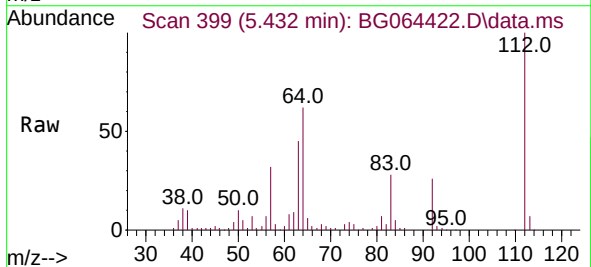
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-238

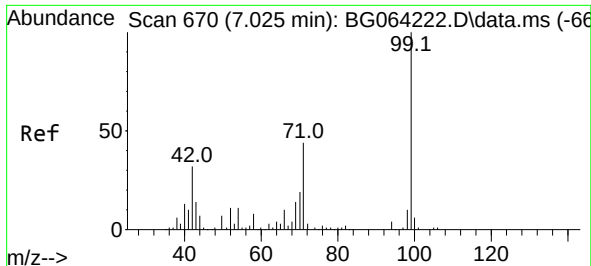
Tgt Ion:152 Resp: 17062
 Ion Ratio Lower Upper
 152 100
 150 162.6 128.0 192.0
 115 66.5 55.7 83.5



#5
 2-Fluorophenol
 Concen: 148.406 ng
 RT: 5.432 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: BG064422.D
 Acq: 22 Sep 2025 19:40

Tgt Ion:112 Resp: 141135
 Ion Ratio Lower Upper
 112 100
 64 61.9 51.8 77.6
 63 44.5 30.6 45.8

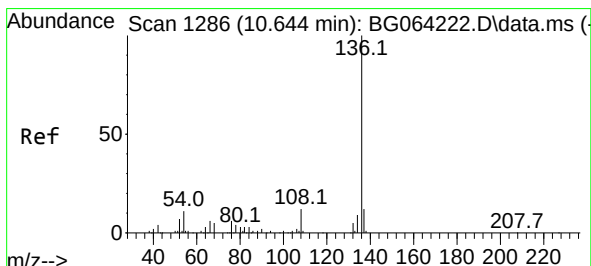
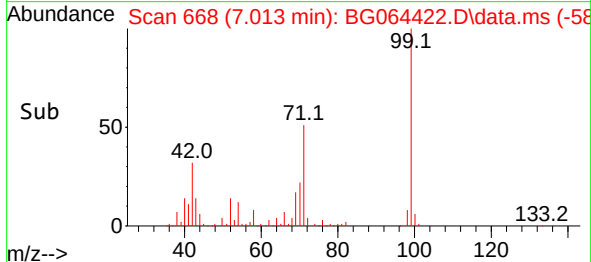
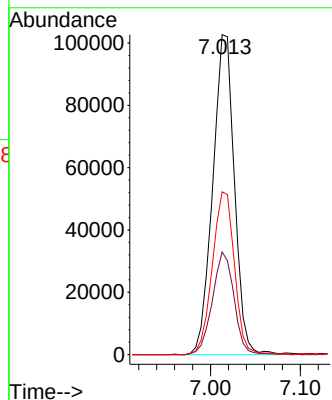
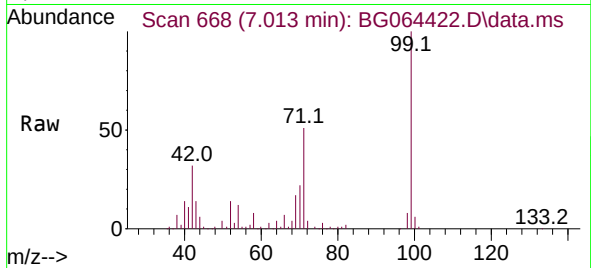




#7
Phenol-d6
Concen: 132.200 ng
RT: 7.013 min Scan# 60
Delta R.T. -0.018 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

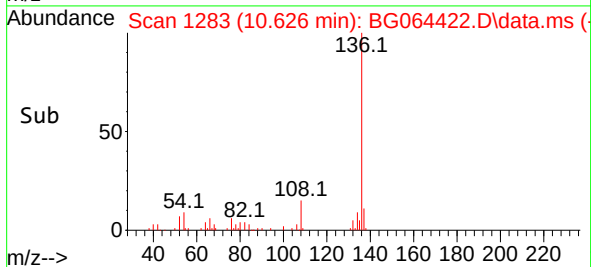
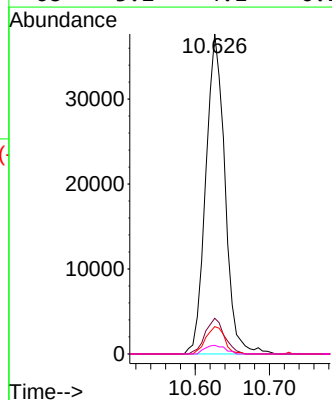
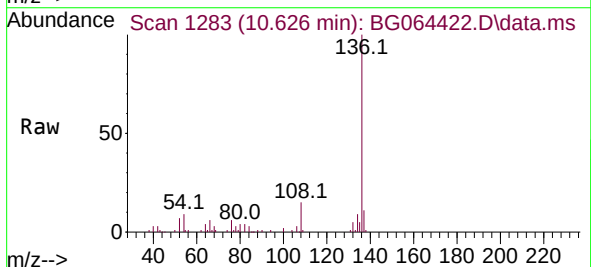
Instrument :
BNA_G
ClientSampleId :
VNJ-238

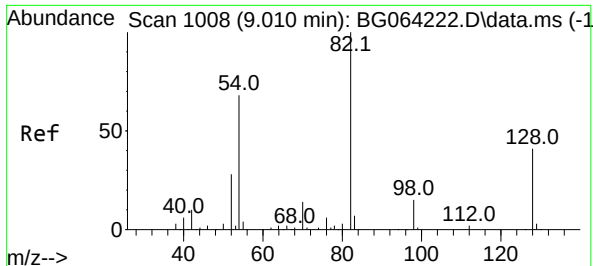
Tgt Ion: 99 Resp: 172722
Ion Ratio Lower Upper
99 100
42 32.1 25.8 38.8
71 50.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.024 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:136 Resp: 67511
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 9.2 8.8 13.2
68 3.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 112.940 ng

RT: 8.993 min Scan# 1005

Delta R.T. -0.024 min

Lab File: BG064422.D

Acq: 22 Sep 2025 19:40

Instrument :

BNA_G

ClientSampleId :

VNJ-238

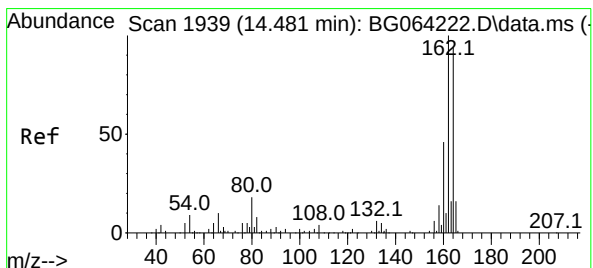
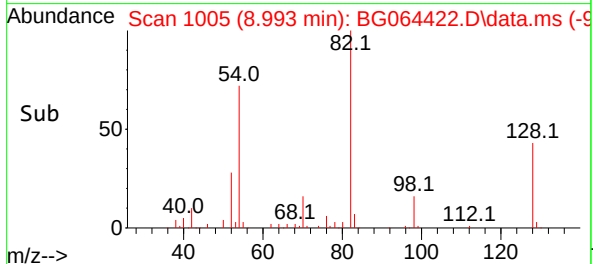
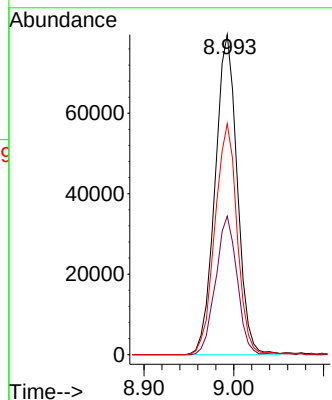
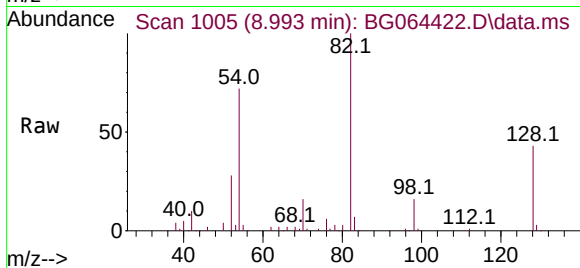
Tgt Ion: 82 Resp: 136716

Ion Ratio Lower Upper

82 100

128 43.3 32.6 48.8

54 72.1 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: BG064422.D

Acq: 22 Sep 2025 19:40

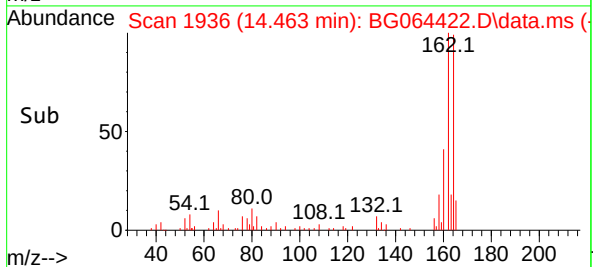
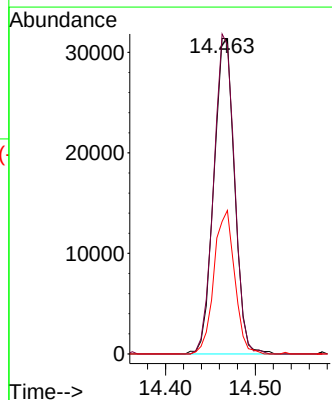
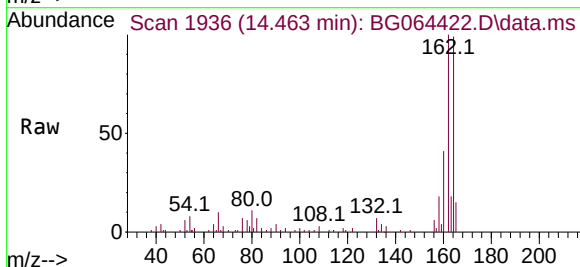
Tgt Ion:164 Resp: 50586

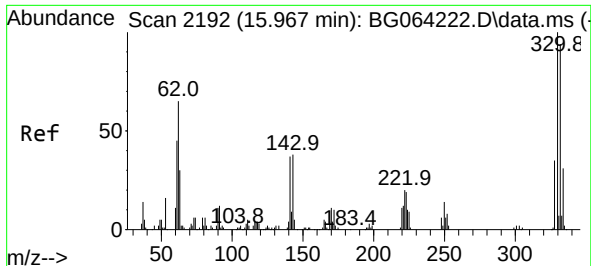
Ion Ratio Lower Upper

164 100

162 101.4 85.4 128.0

160 42.0 39.2 58.8

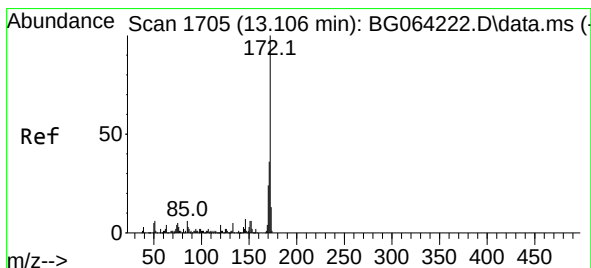
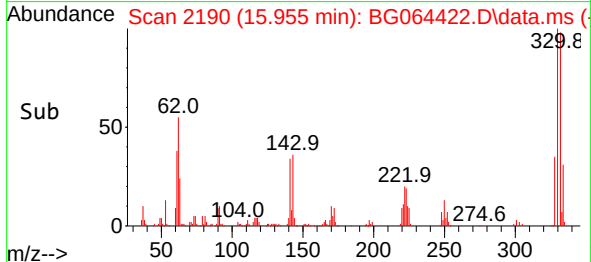
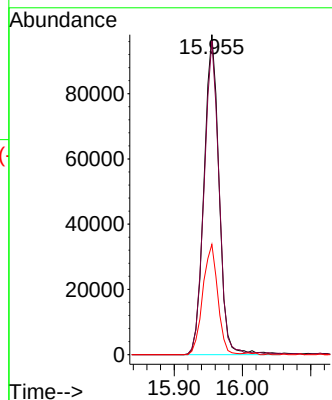
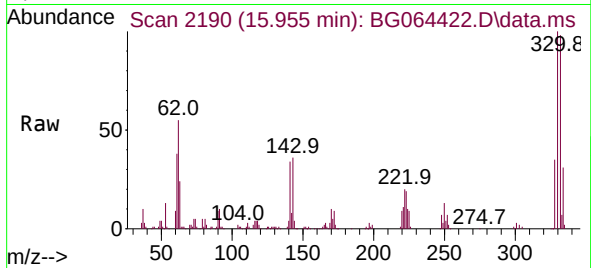




#42
 2,4,6-Tribromophenol
 Concen: 223.780 ng
 RT: 15.955 min Scan# 2192
 Delta R.T. -0.018 min
 Lab File: BG064422.D
 Acq: 22 Sep 2025 19:40

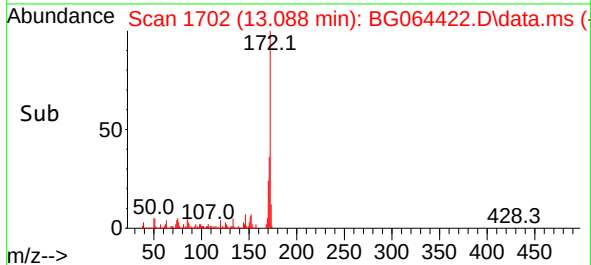
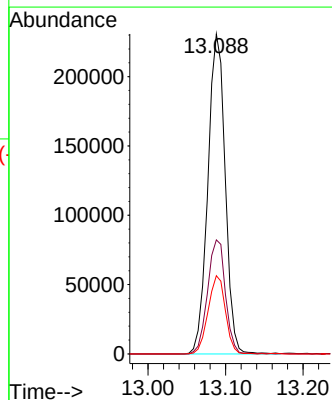
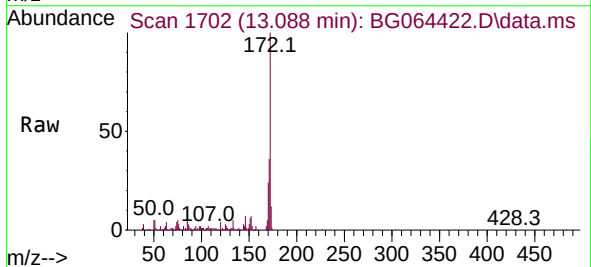
Instrument :
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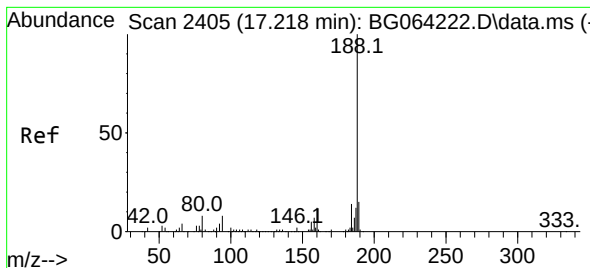
Tgt Ion:330 Resp: 149940
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.6 116.4
 141 34.2 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 107.927 ng
 RT: 13.088 min Scan# 1702
 Delta R.T. -0.024 min
 Lab File: BG064422.D
 Acq: 22 Sep 2025 19:40

Tgt Ion:172 Resp: 357688
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 24.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BG064422.D

Acq: 22 Sep 2025 19:40

Instrument :

BNA_G

ClientSampleId :

VNJ-238

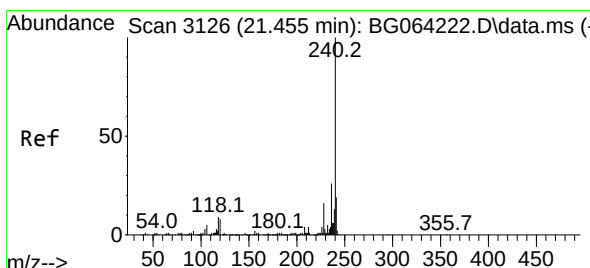
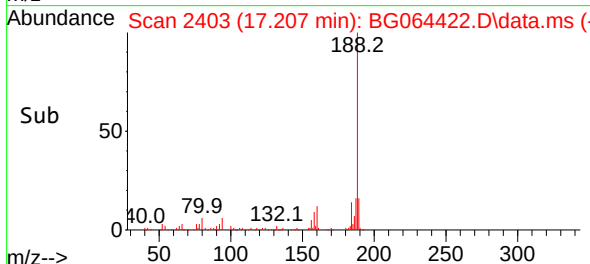
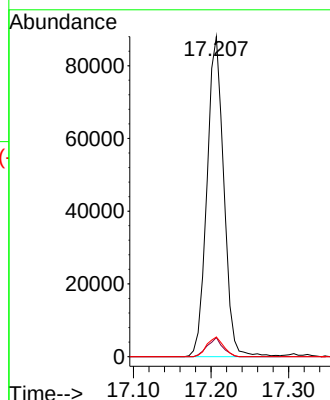
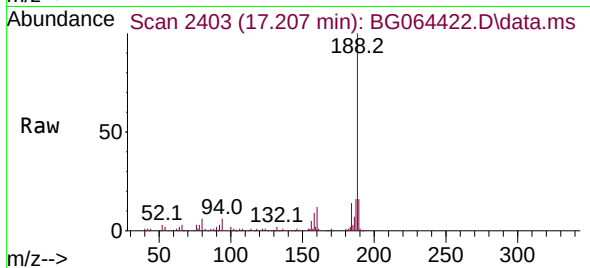
Tgt Ion:188 Resp: 132551

Ion Ratio Lower Upper

188 100

94 6.0 6.2 9.4#

80 6.1 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: BG064422.D

Acq: 22 Sep 2025 19:40

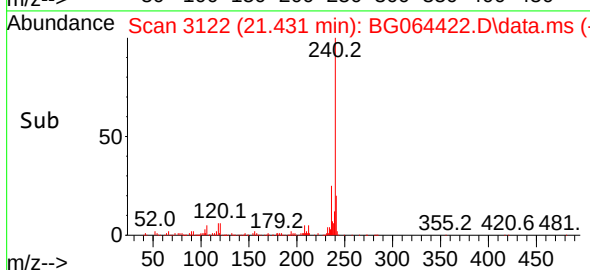
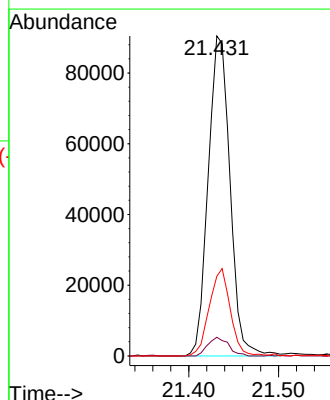
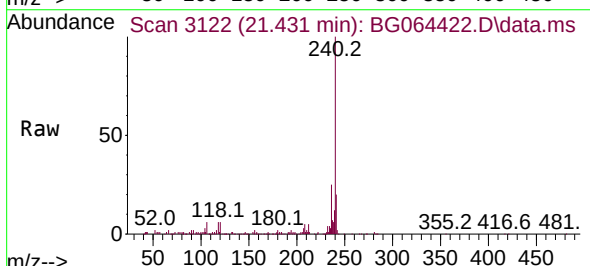
Tgt Ion:240 Resp: 152856

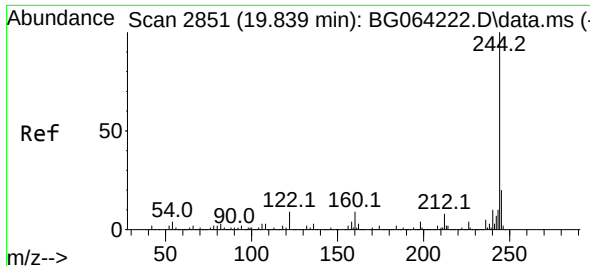
Ion Ratio Lower Upper

240 100

120 5.8 6.2 9.4#

236 24.9 20.5 30.7

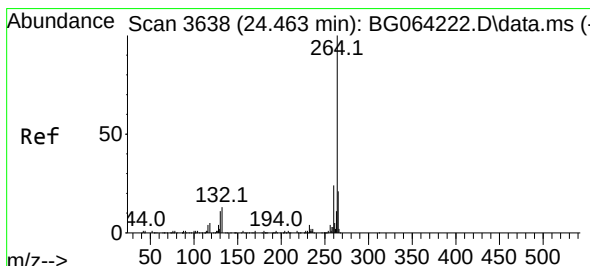
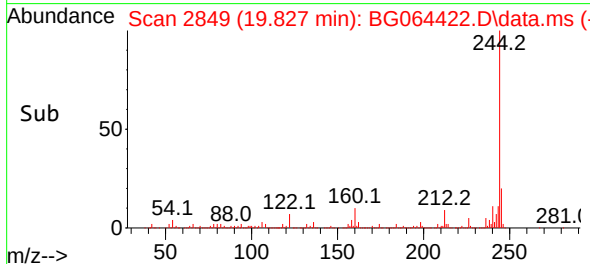
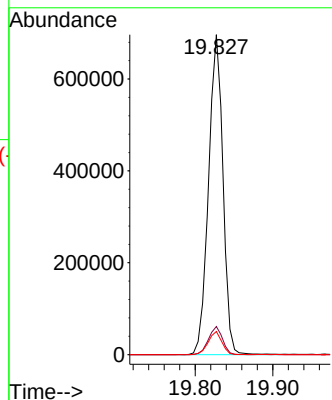
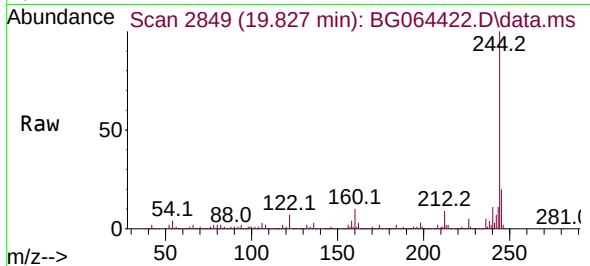




#79
 Terphenyl-d14
 Concen: 122.500 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.018 min
 Lab File: BG064422.D
 Acq: 22 Sep 2025 19:40

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-238

Tgt Ion:244 Resp: 897492
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.2 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.428 min Scan# 3632
 Delta R.T. -0.036 min
 Lab File: BG064422.D
 Acq: 22 Sep 2025 19:40

Tgt Ion:264 Resp: 166011
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 22.5 16.7 25.1

