

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064425.D
 Acq On : 22 Sep 2025 21:43
 Operator : RC/JU
 Sample : Q3133-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-222

Quant Time: Sep 23 01:54:13 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	7.841	152	14937	20.000	ng	#-0.02
21) Naphthalene-d8	10.626	136	60539	20.000	ng	#-0.02
39) Acenaphthene-d10	14.463	164	48025	20.000	ng	-0.02
64) Phenanthrene-d10	17.207	188	121890	20.000	ng	#-0.02
76) Chrysene-d12	21.431	240	143596	20.000	ng	#-0.02
86) Perylene-d12	24.428	264	158769	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	35243	42.331	ng	-0.02
7) Phenol-d6	7.007	99	44685	39.067	ng	-0.02
23) Nitrobenzene-d5	8.987	82	33650	30.999	ng	-0.03
42) 2,4,6-Tribromophenol	15.950	330	39046	61.382	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	98059	31.166	ng	-0.02
79) Terphenyl-d14	19.821	244	231565	33.645	ng	-0.02

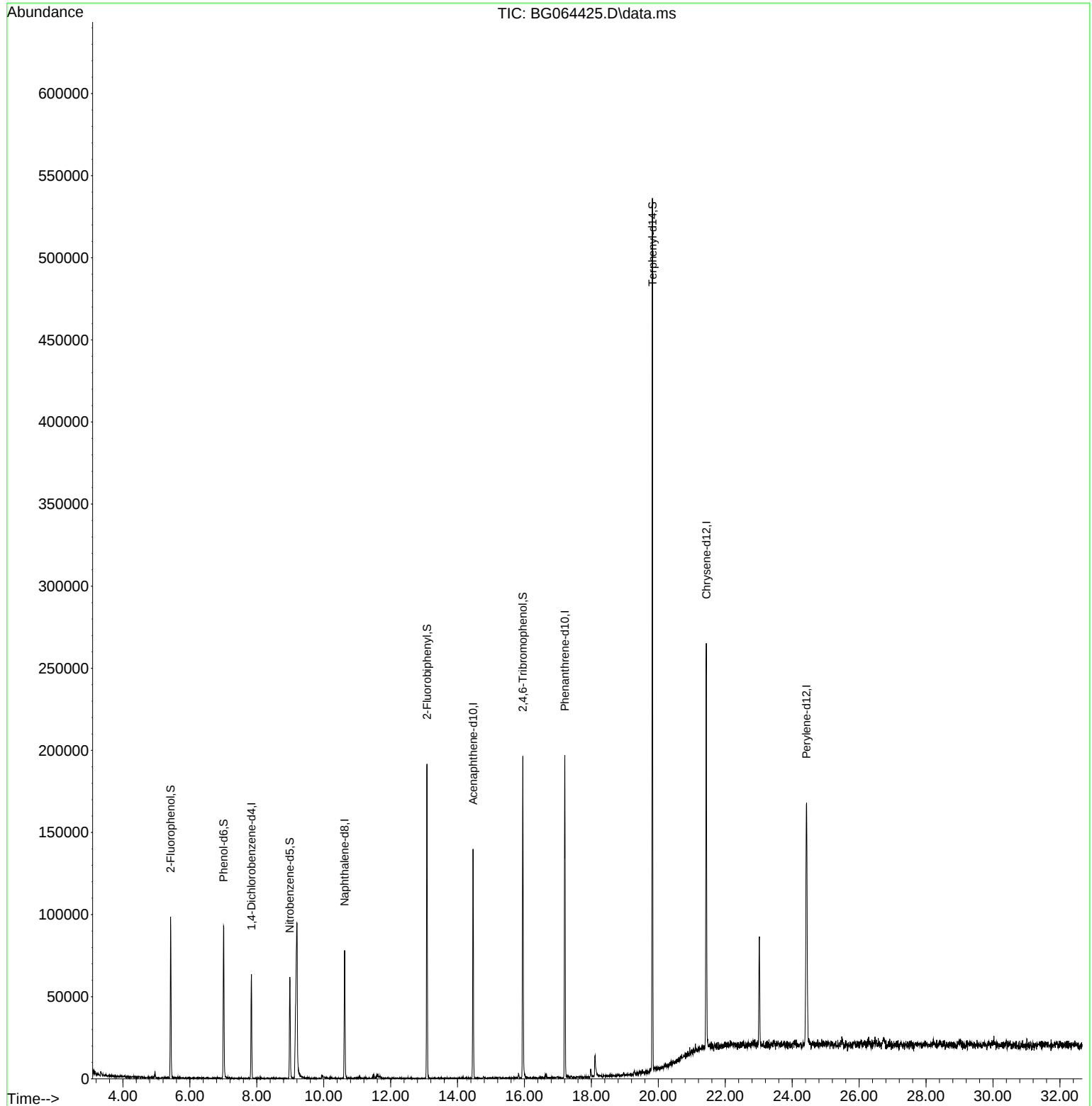
Target Compounds Qvalue

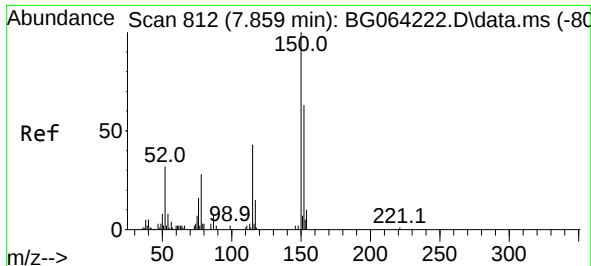
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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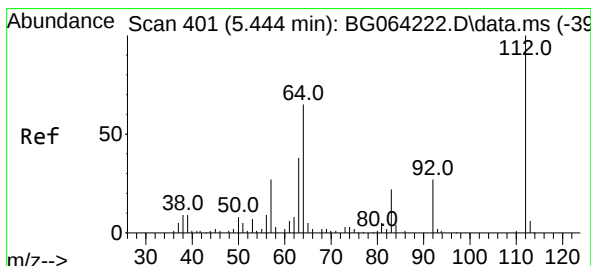
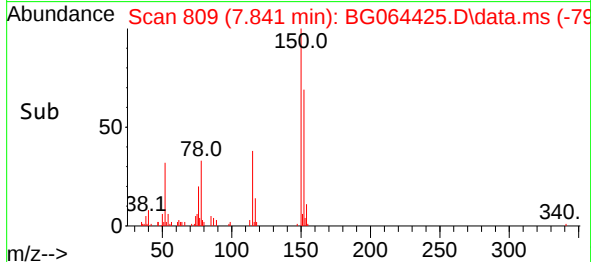
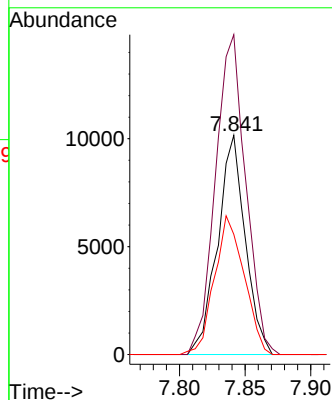
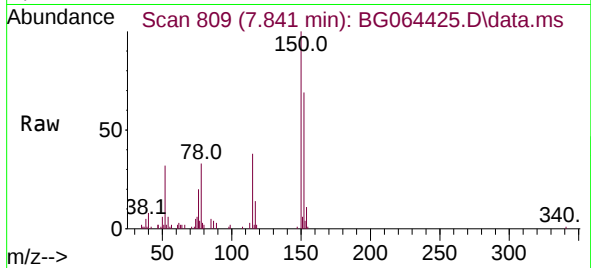




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

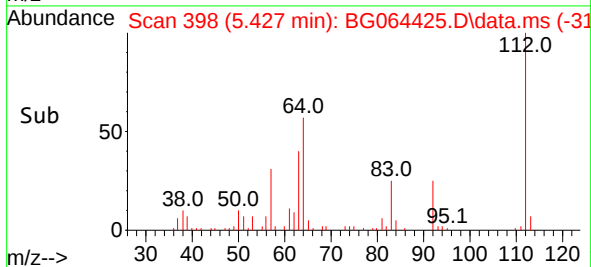
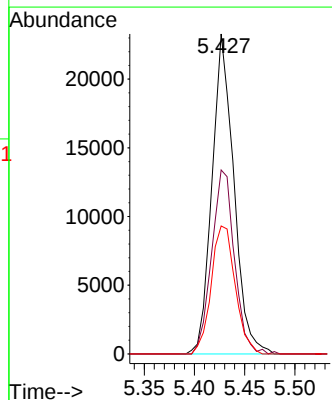
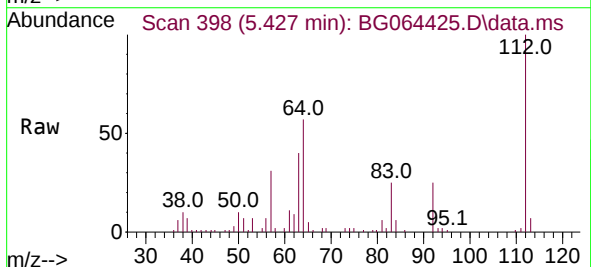
Instrument :
BNA_G
ClientSampleId :
VNJ-222

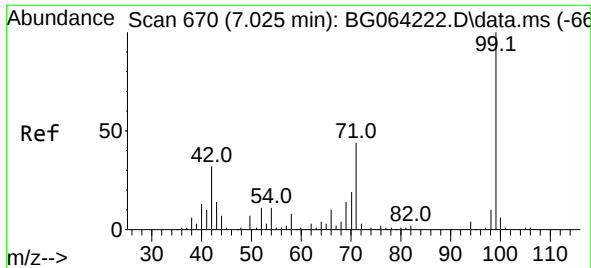
Tgt Ion:152 Resp: 14937
Ion Ratio Lower Upper
152 100
150 145.9 128.0 192.0
115 54.8 55.7 83.5#



#5
2-Fluorophenol
Concen: 42.331 ng
RT: 5.427 min Scan# 398
Delta R.T. -0.018 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

Tgt Ion:112 Resp: 35243
Ion Ratio Lower Upper
112 100
64 57.5 51.8 77.6
63 40.0 30.6 45.8

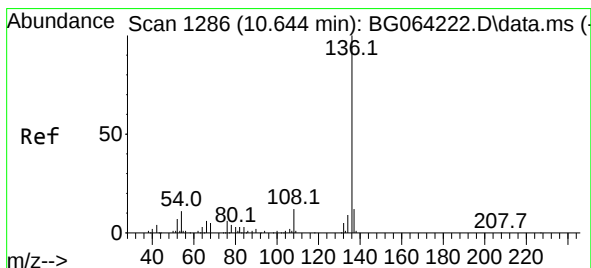
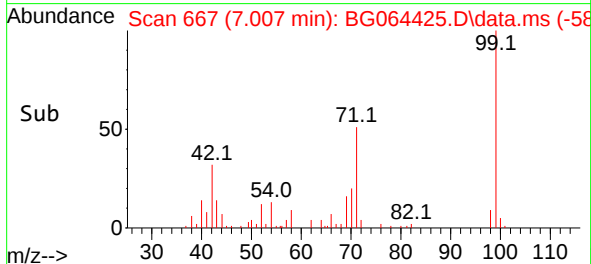
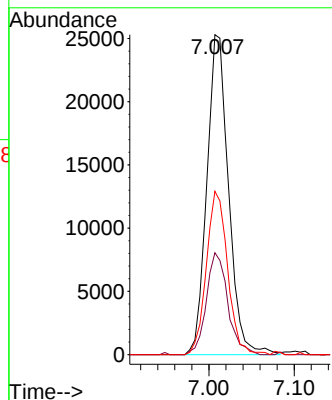
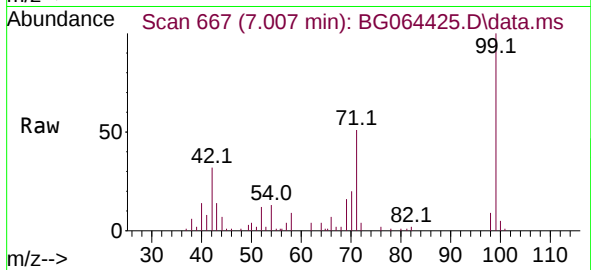




#7
Phenol-d6
Concen: 39.067 ng
RT: 7.007 min Scan# 60
Delta R.T. -0.024 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

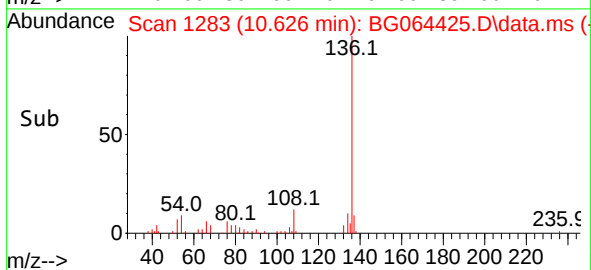
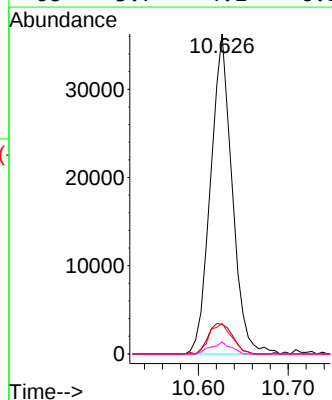
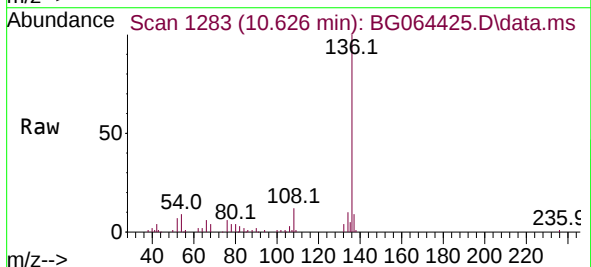
Instrument :
BNA_G
ClientSampleId :
VNJ-222

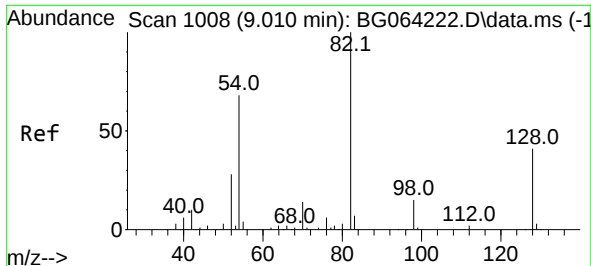
Tgt Ion: 99 Resp: 44685
Ion Ratio Lower Upper
99 100
42 31.8 25.8 38.8
71 51.0 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.024 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

Tgt Ion:136 Resp: 60539
Ion Ratio Lower Upper
136 100
137 9.2 9.6 14.4#
54 9.5 8.8 13.2
68 3.7 4.1 6.1#

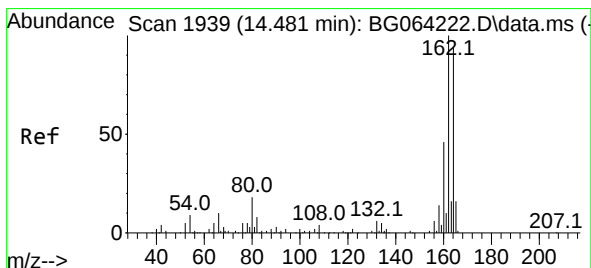
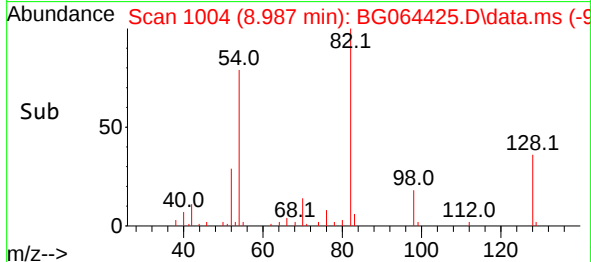
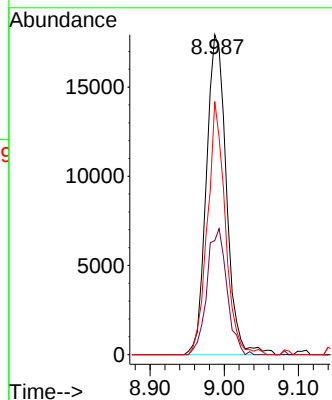
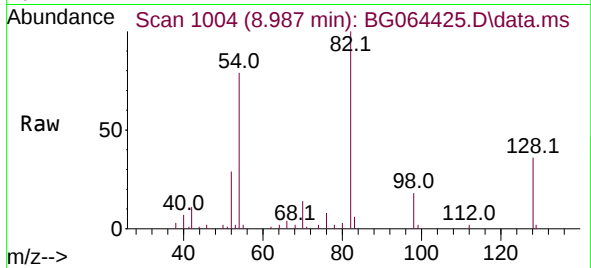




#23
Nitrobenzene-d5
Concen: 30.999 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.030 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

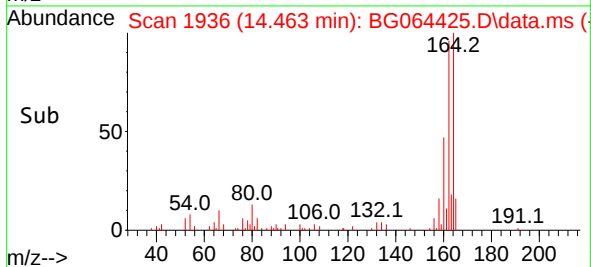
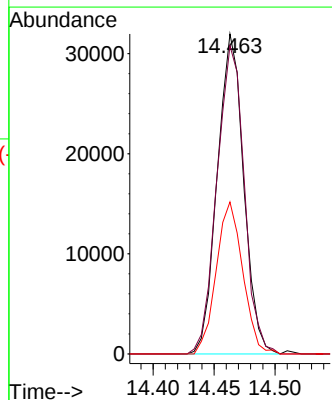
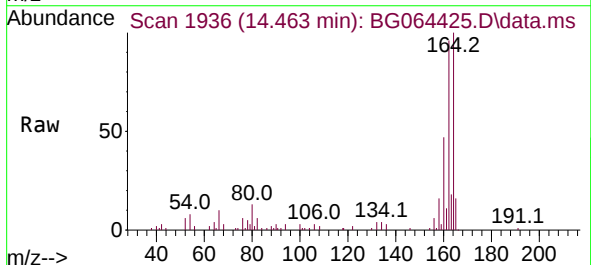
Instrument :
BNA_G
ClientSampleId :
VNJ-222

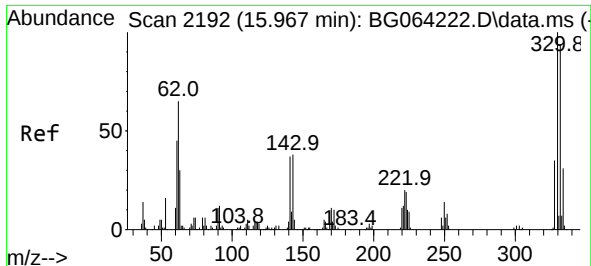
Tgt Ion: 82 Resp: 33650
Ion Ratio Lower Upper
82 100
128 35.6 32.6 48.8
54 79.1 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

Tgt Ion: 164 Resp: 48025
Ion Ratio Lower Upper
164 100
162 96.3 85.4 128.0
160 47.5 39.2 58.8

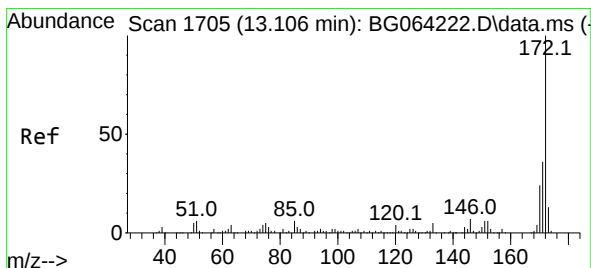
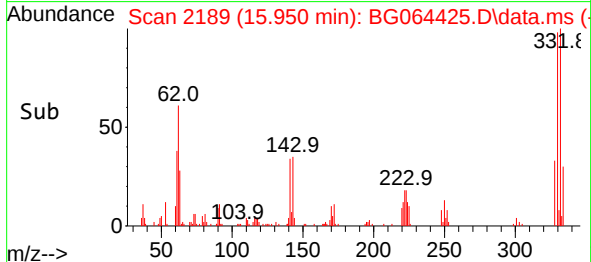
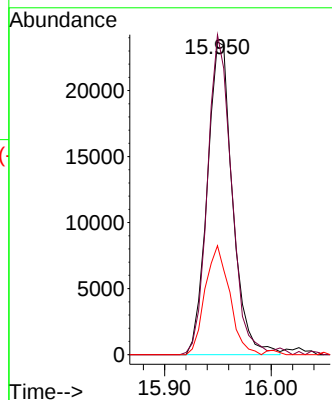
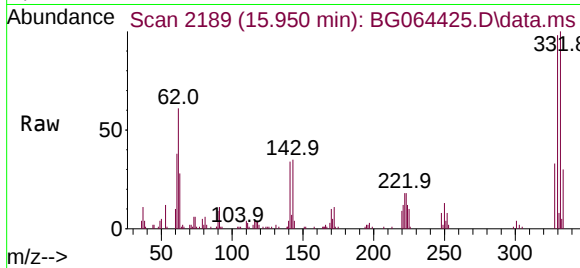




#42
2,4,6-Tribromophenol
Concen: 61.382 ng
RT: 15.950 min Scan# 2192
Delta R.T. -0.024 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

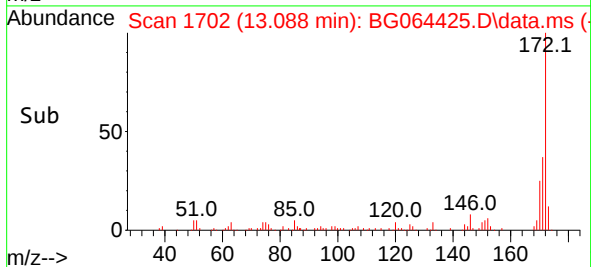
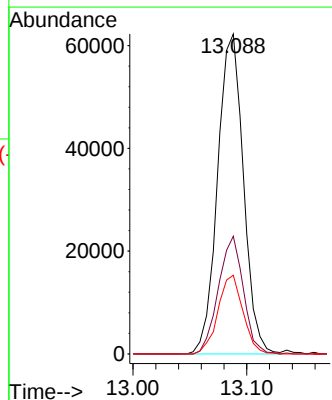
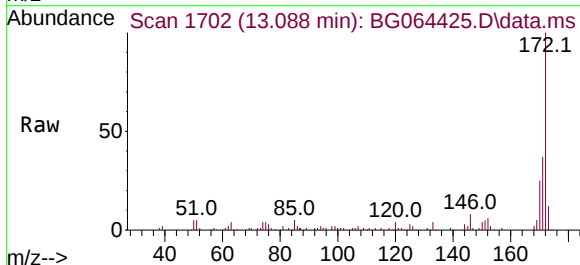
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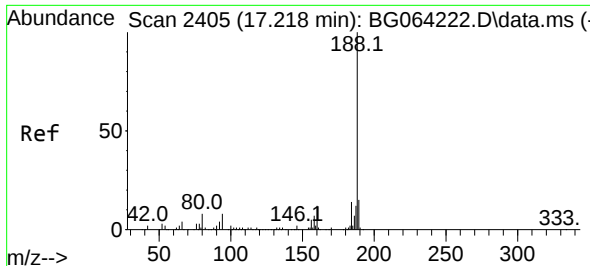
Tgt Ion:330 Resp: 39046
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 33.5 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 31.166 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.024 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

Tgt Ion:172 Resp: 98059
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.6 19.0 28.6

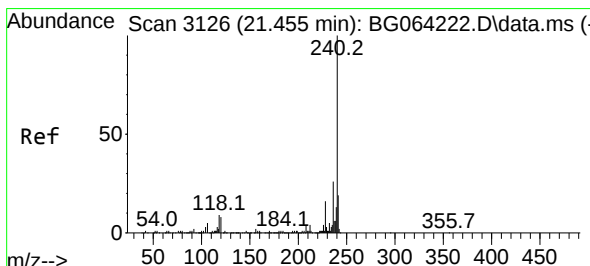
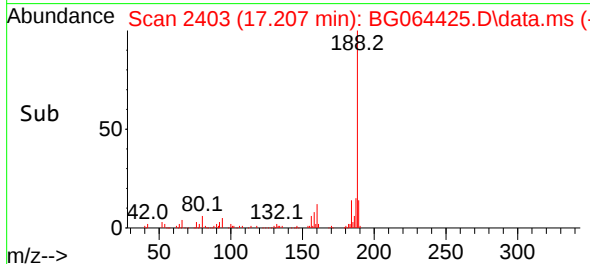
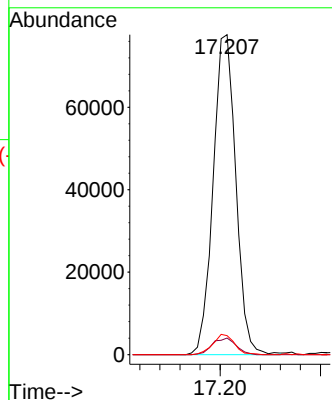
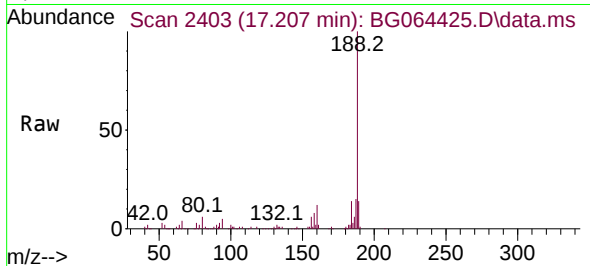




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2405
Delta R.T. -0.018 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

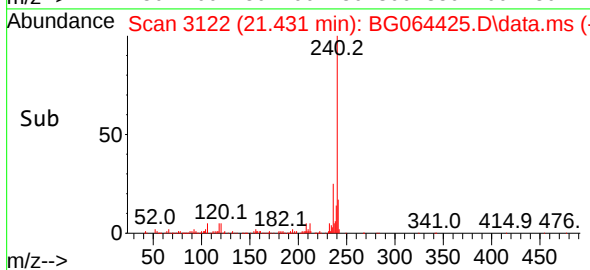
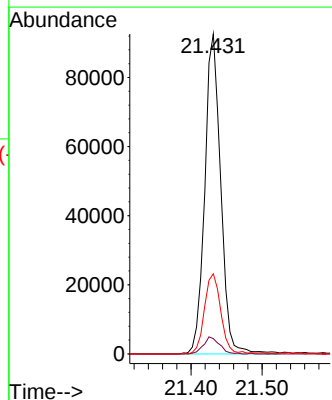
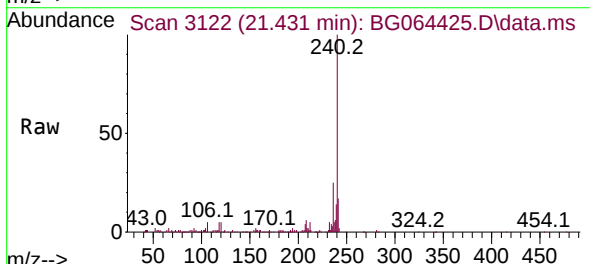
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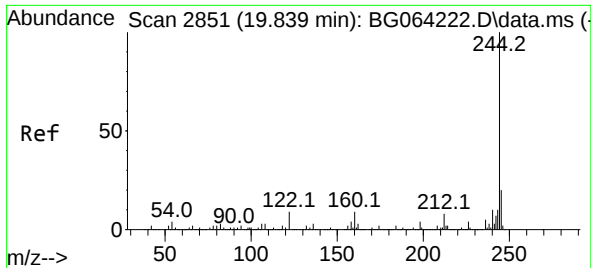
Tgt Ion:188 Resp: 121890
Ion Ratio Lower Upper
188 100
94 5.2 6.2 9.4#
80 5.9 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BG064425.D
Acq: 22 Sep 2025 21:43

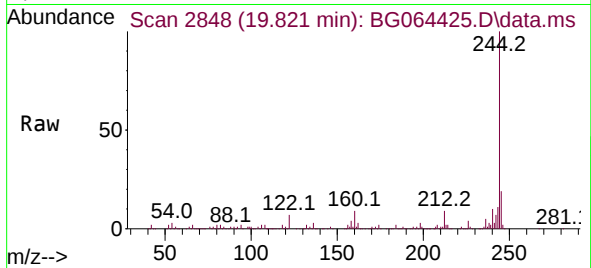
Tgt Ion:240 Resp: 143596
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 25.0 20.5 30.7



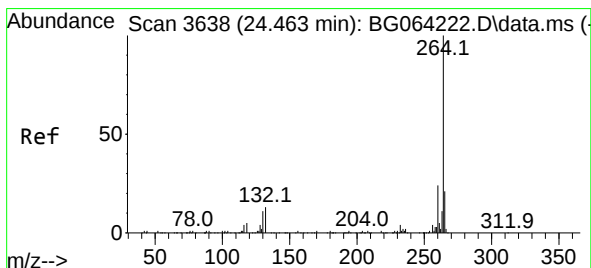
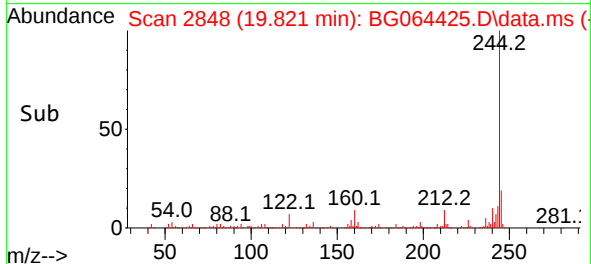
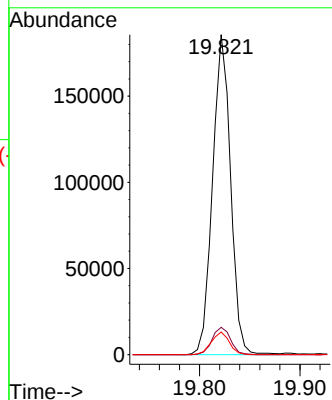


#79
 Terphenyl-d14
 Concen: 33.645 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.024 min
 Lab File: BG064425.D
 Acq: 22 Sep 2025 21:43

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 231565
 Ion Ratio Lower Upper
 244 100
 212 8.5 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: BG064425.D
 Acq: 22 Sep 2025 21:43

Tgt Ion:264 Resp: 158769
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 20.9 16.7 25.1

