

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
 Data File : BG064242.D
 Acq On : 2 Sep 2025 12:41
 Operator : RC/JU
 Sample : Q2982-01 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-25-0237

Quant Time: Sep 02 13:20:30 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	7.855	152	42152	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	176305	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	115126	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	202809	20.000	ng	# 0.01
76) Chrysene-d12	21.474	240	202726	20.000	ng	# 0.02
86) Perylene-d12	24.471	264	212014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	7902	3.363	ng	0.00
7) Phenol-d6	7.021	99	12150	3.764	ng	0.00
23) Nitrobenzene-d5	9.001	82	9285	2.937	ng	-0.02
42) 2,4,6-Tribromophenol	15.975	330	6635	4.351	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	26743	3.546	ng	0.00
79) Terphenyl-d14	19.865	244	36542	3.761	ng	0.02

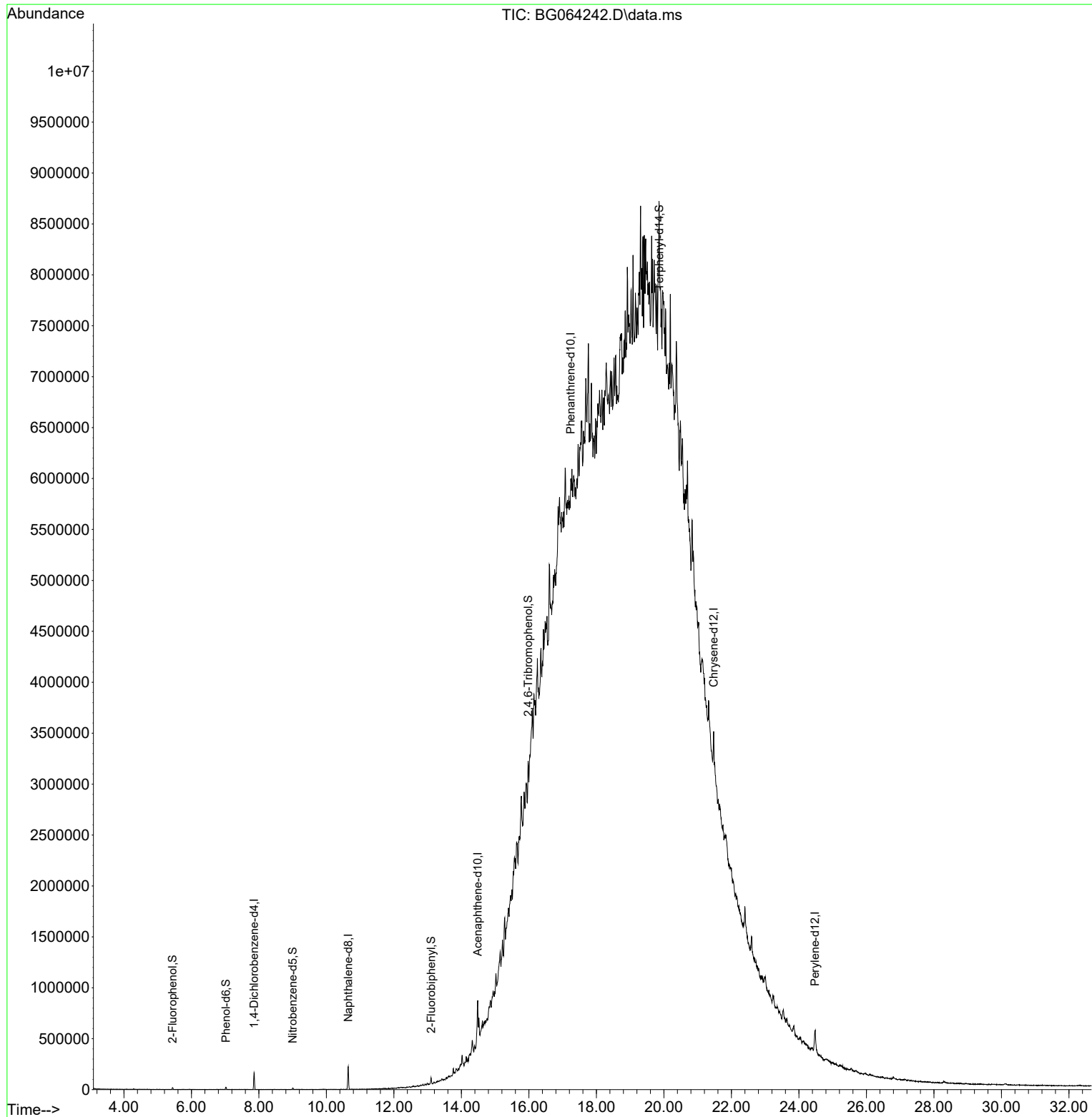
Target Compounds	Qvalue

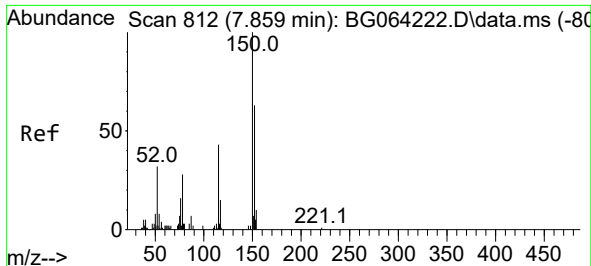
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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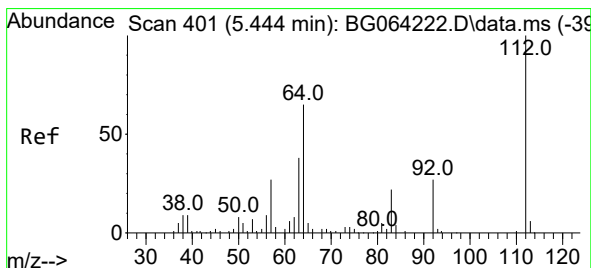
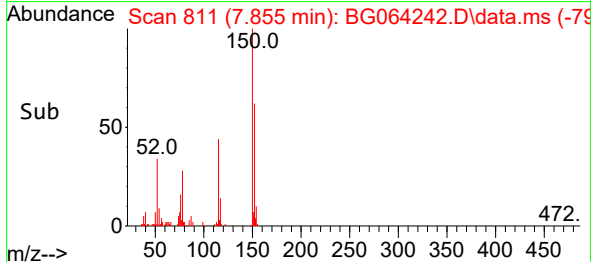
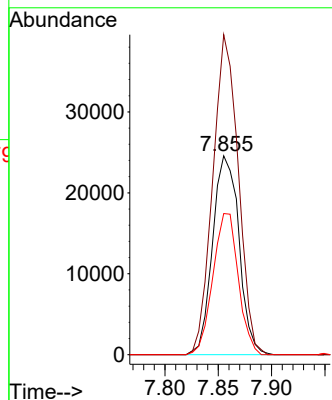
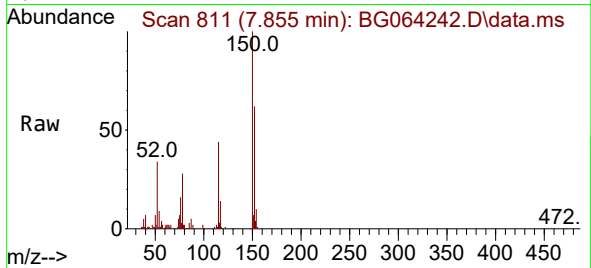




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

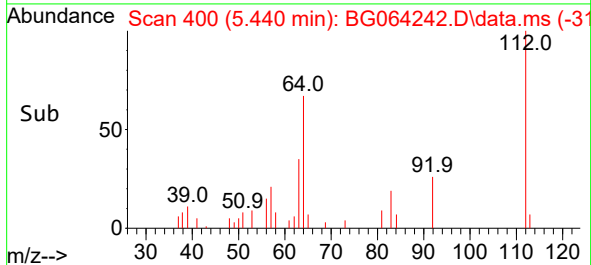
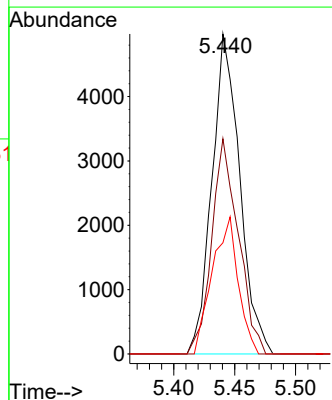
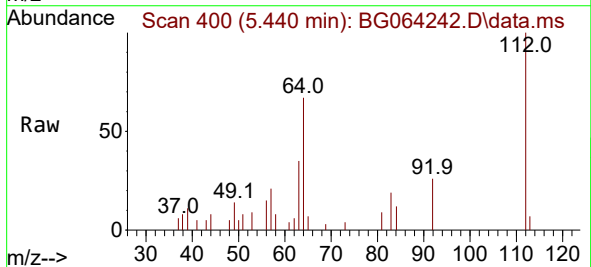
Instrument :
BNA_G
ClientSampleId :
MOO-25-0237

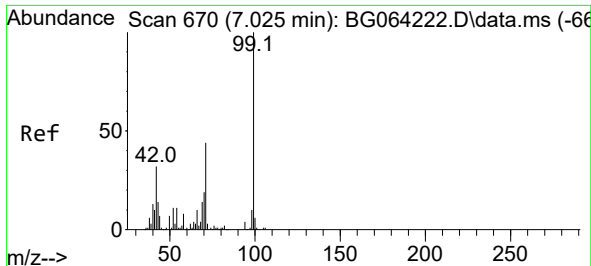
Tgt Ion:152 Resp: 42152
Ion Ratio Lower Upper
152 100
150 160.9 128.0 192.0
115 70.9 55.7 83.5



#5
2-Fluorophenol
Concen: 3.363 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

Tgt Ion:112 Resp: 7902
Ion Ratio Lower Upper
112 100
64 67.2 51.8 77.6
63 34.8 30.6 45.8

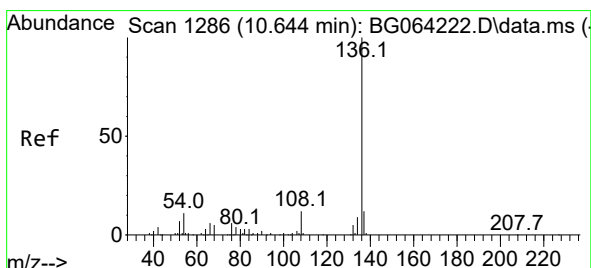
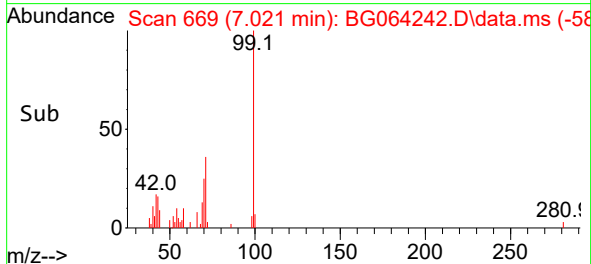
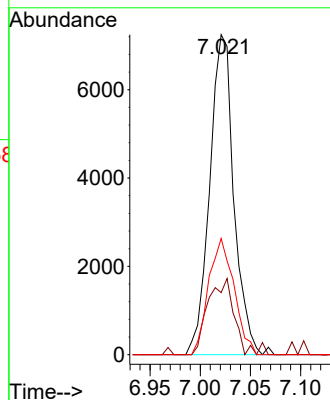
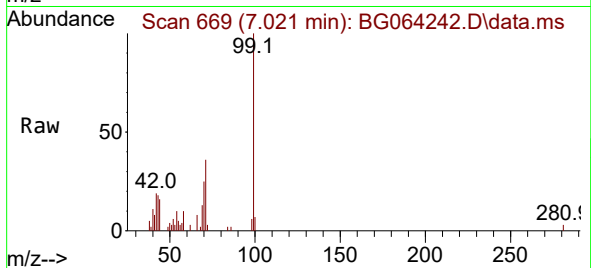




#7
Phenol-d6
Concen: 3.764 ng
RT: 7.021 min Scan# 609
Delta R.T. -0.010 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

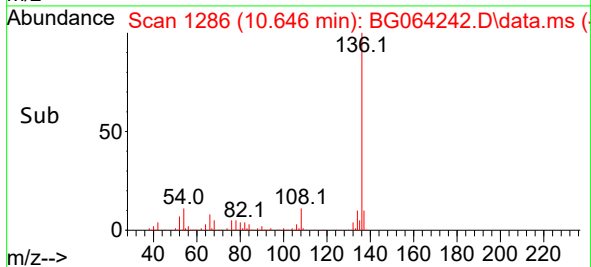
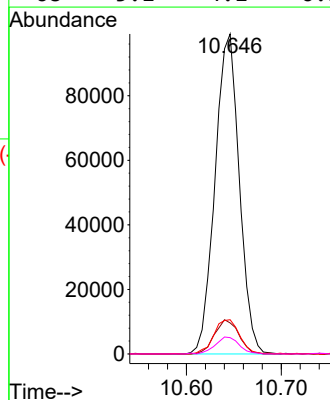
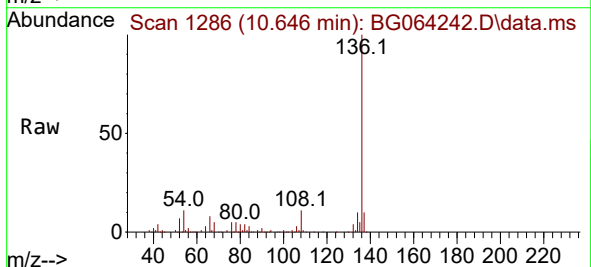
Instrument :
BNA_G
ClientSampleId :
MOO-25-0237

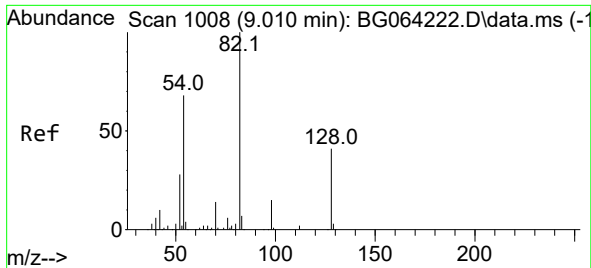
Tgt Ion: 99 Resp: 12150
Ion Ratio Lower Upper
99 100
42 19.4 25.8 38.8#
71 36.3 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.004 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

Tgt Ion:136 Resp: 176305
Ion Ratio Lower Upper
136 100
137 9.7 9.6 14.4
54 10.7 8.8 13.2
68 5.1 4.1 6.1

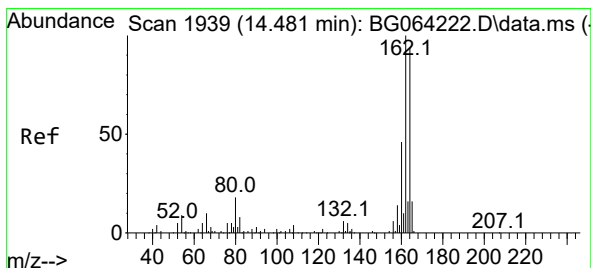
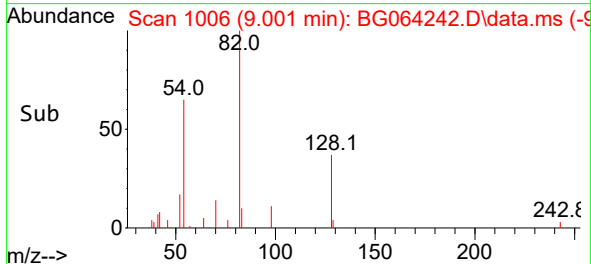
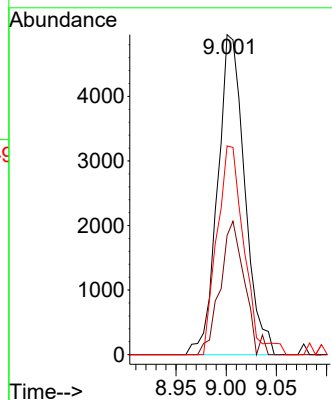
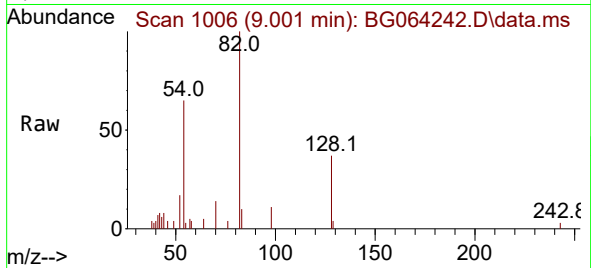




#23
Nitrobenzene-d5
Concen: 2.937 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.016 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

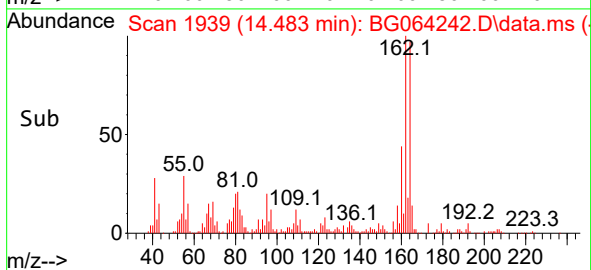
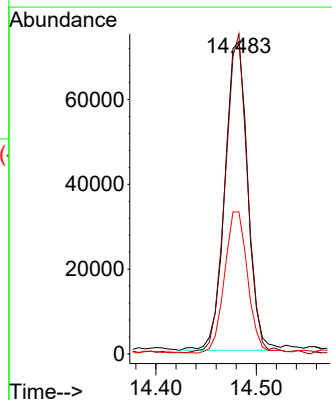
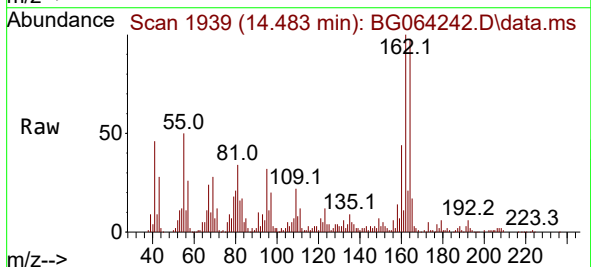
Instrument :
BNA_G
ClientSampleId :
MOO-25-0237

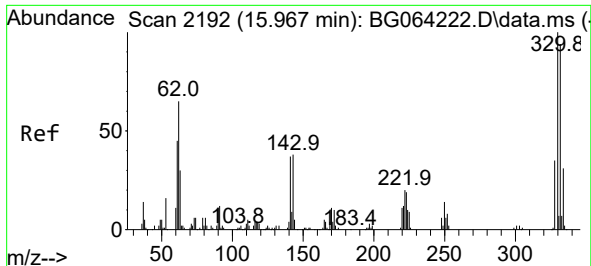
Tgt Ion: 82 Resp: 9285
Ion Ratio Lower Upper
82 100
128 37.2 32.6 48.8
54 65.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

Tgt Ion:164 Resp: 115126
Ion Ratio Lower Upper
164 100
162 102.5 85.4 128.0
160 45.5 39.2 58.8

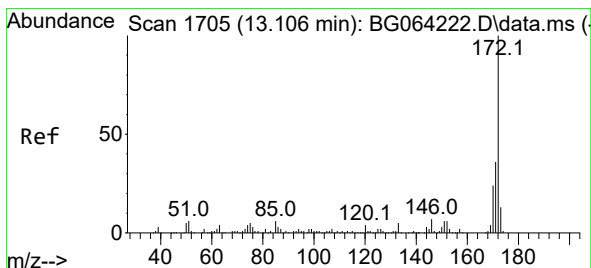
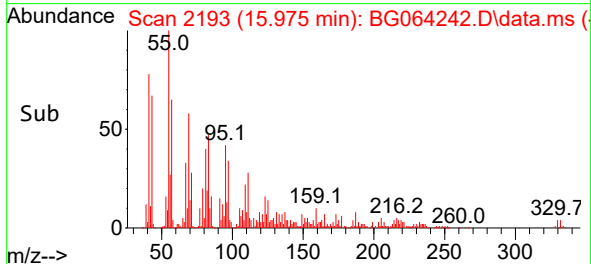
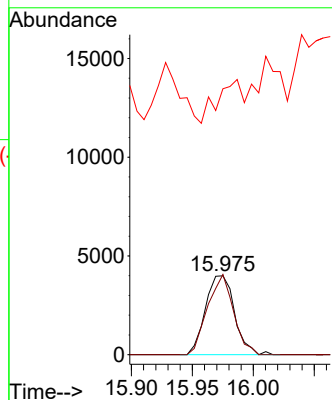
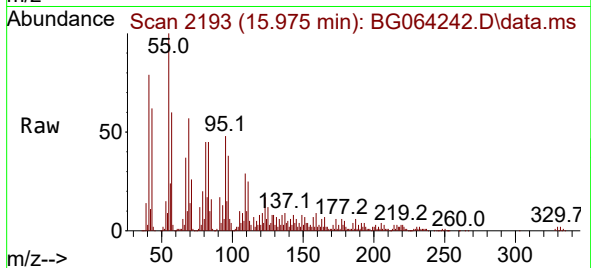




#42
2,4,6-Tribromophenol
Concen: 4.351 ng
RT: 15.975 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

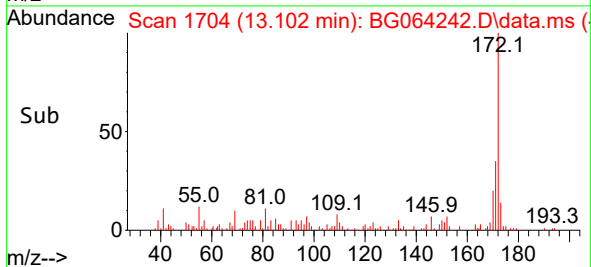
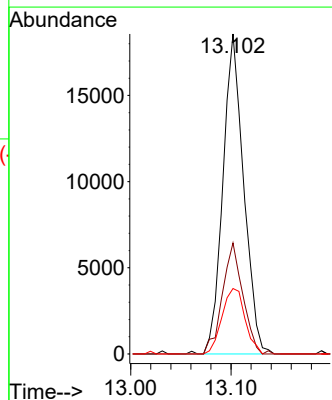
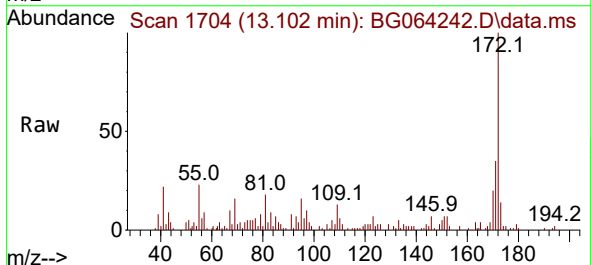
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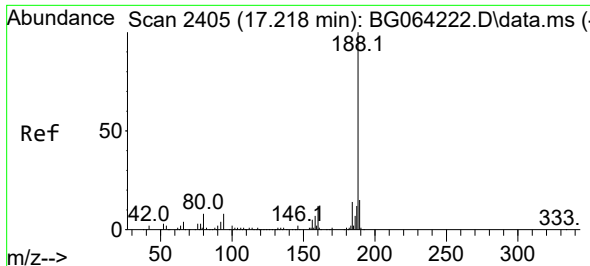
Tgt Ion:330 Resp: 6635
Ion Ratio Lower Upper
330 100
332 90.5 77.6 116.4
141 0.0 29.8 44.6#



#45
2-Fluorobiphenyl
Concen: 3.546 ng
RT: 13.102 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

Tgt Ion:172 Resp: 26743
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 20.4 19.0 28.6

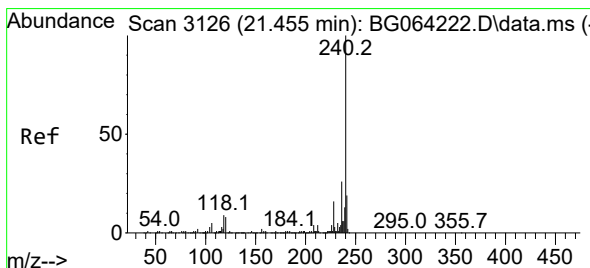
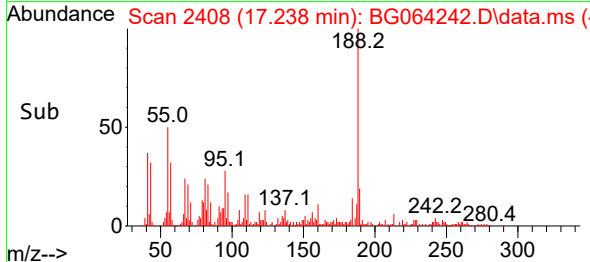
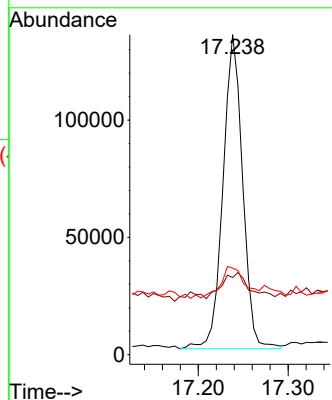
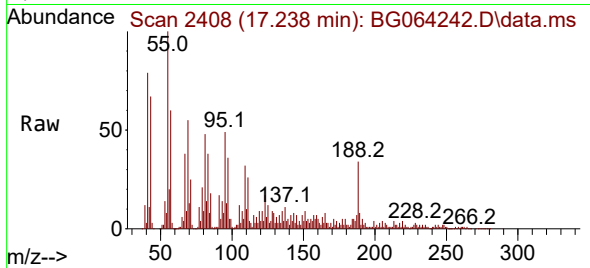




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.238 min Scan# 2408
Delta R.T. 0.014 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

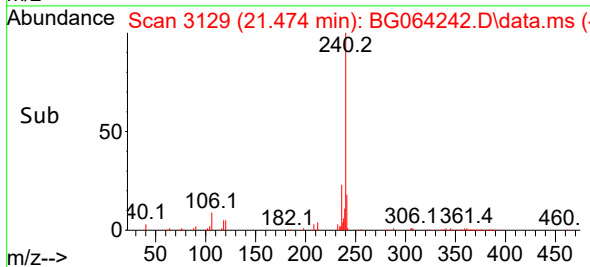
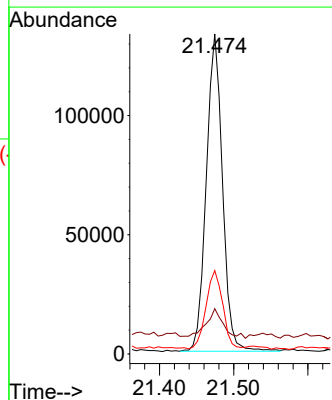
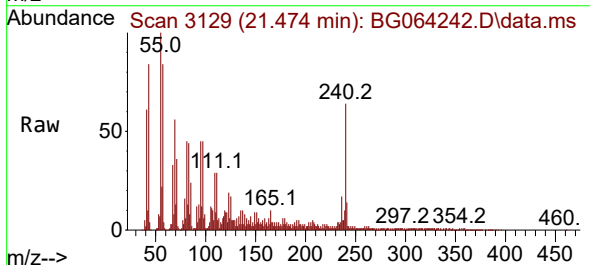
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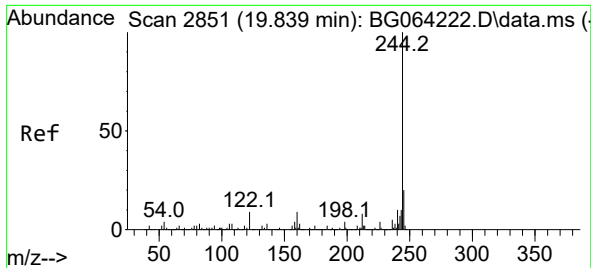
Tgt Ion:188 Resp: 202809
Ion Ratio Lower Upper
188 100
94 24.1 6.2 9.4#
80 27.1 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3129
Delta R.T. 0.019 min
Lab File: BG064242.D
Acq: 2 Sep 2025 12:41

Tgt Ion:240 Resp: 202726
Ion Ratio Lower Upper
240 100
120 14.2 6.2 9.4#
236 26.0 20.5 30.7

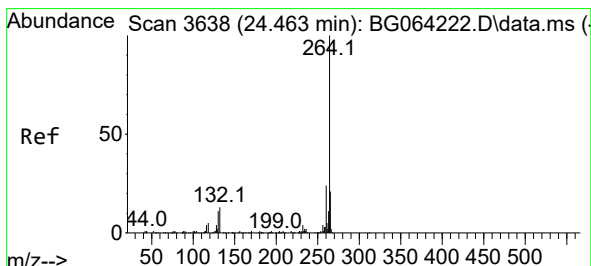
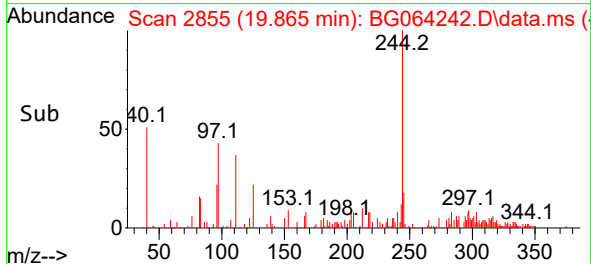
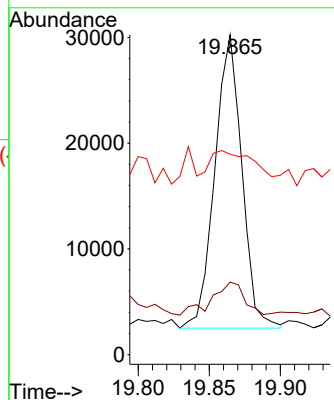
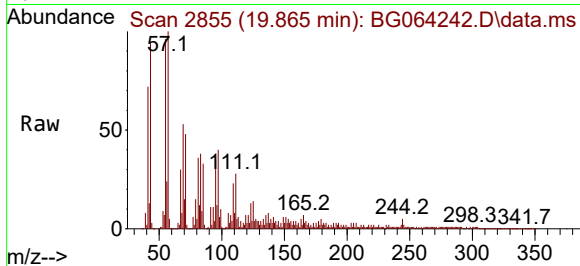




#79
 Terphenyl-d14
 Concen: 3.761 ng
 RT: 19.865 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: BG064242.D
 Acq: 2 Sep 2025 12:41

Instrument :
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 ClientSampleId :
 MOO-25-0237

Tgt Ion:244 Resp: 36542
 Ion Ratio Lower Upper
 244 100
 212 22.7 6.6 10.0#
 122 62.6 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.471 min Scan# 3639
 Delta R.T. 0.008 min
 Lab File: BG064242.D
 Acq: 2 Sep 2025 12:41

Tgt Ion:264 Resp: 212014
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.9 28.3
 265 22.1 16.7 25.1

