

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064335.D
 Acq On : 10 Sep 2025 16:44
 Operator : RC/JU
 Sample : Q3051-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-215

Quant Time: Sep 10 18:10:01 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	7.844	152	18510	20.000	ng	-0.01
21) Naphthalene-d8	10.629	136	75190	20.000	ng	-0.02
39) Acenaphthene-d10	14.466	164	53289	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	133254	20.000	ng	#-0.02
76) Chrysene-d12	21.434	240	172457	20.000	ng	#-0.02
86) Perylene-d12	24.436	264	197822	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	67979	65.889	ng	0.00
7) Phenol-d6	7.016	99	102036	71.988	ng	-0.02
23) Nitrobenzene-d5	8.996	82	83793	62.151	ng	-0.02
42) 2,4,6-Tribromophenol	15.952	330	57229	81.080	ng	-0.02
45) 2-Fluorobiphenyl	13.091	172	209456	59.994	ng	-0.02
79) Terphenyl-d14	19.830	244	512603	62.014	ng	-0.02

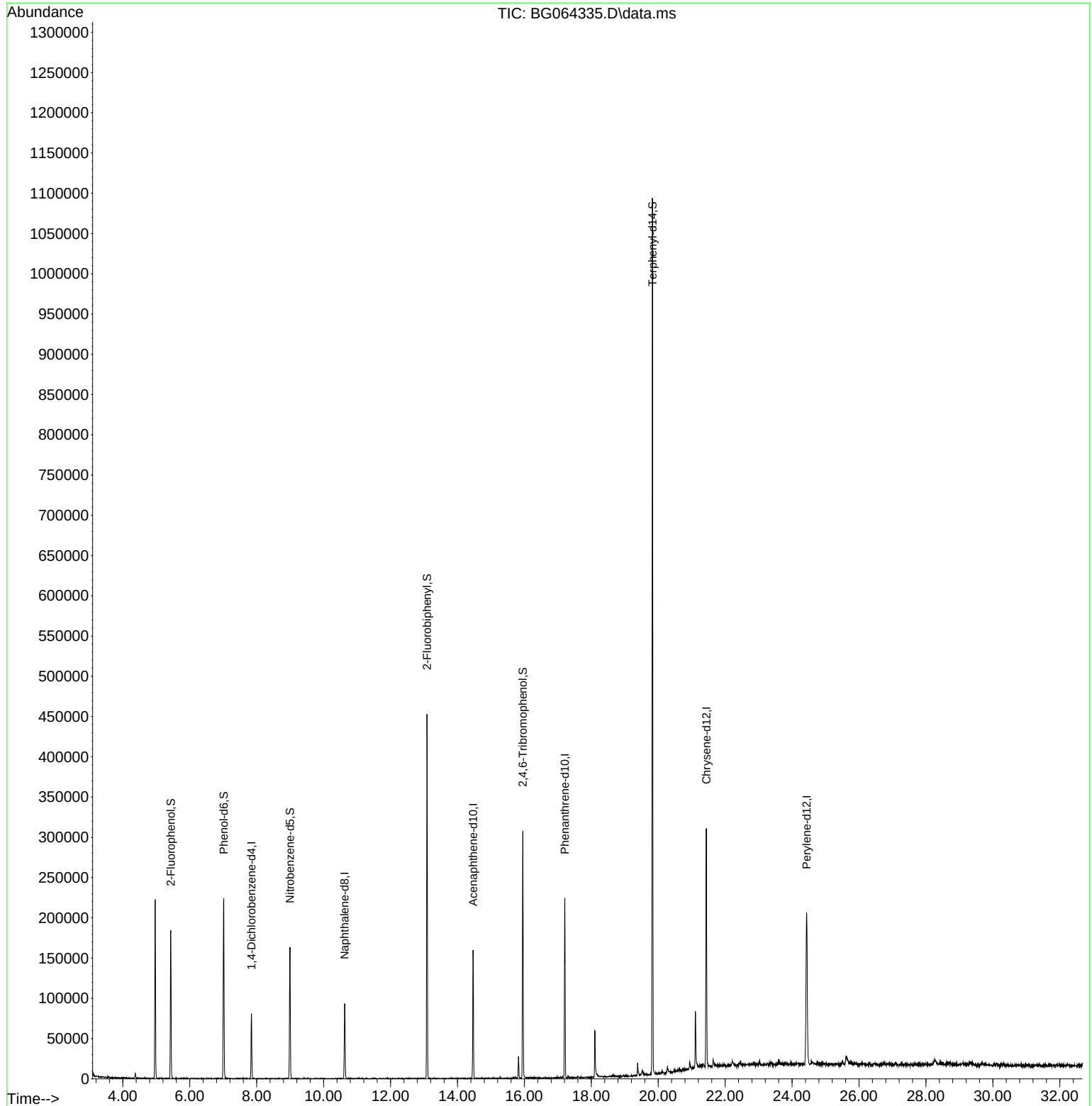
Target Compounds	Qvalue

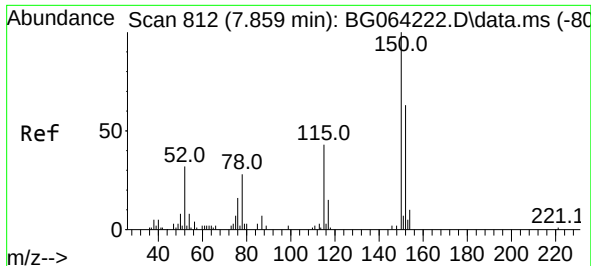
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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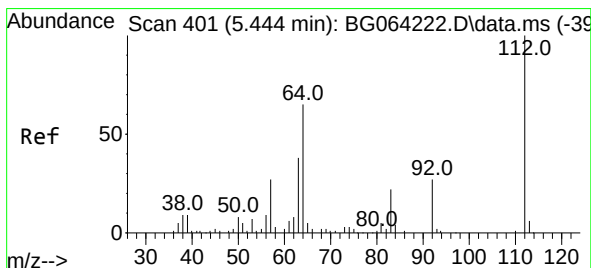
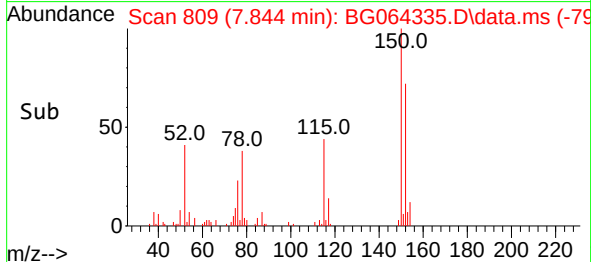
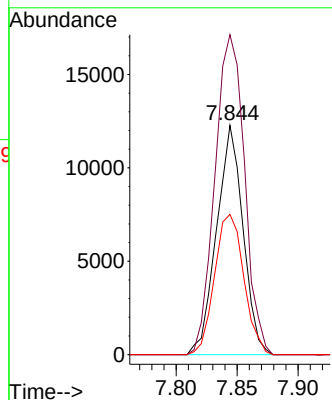
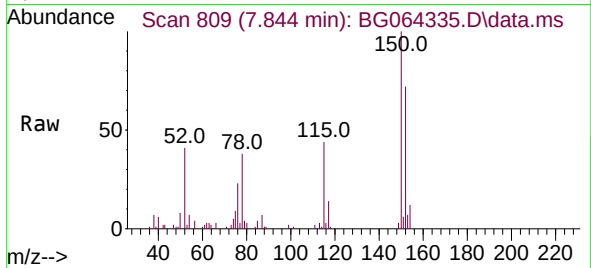




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 809
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

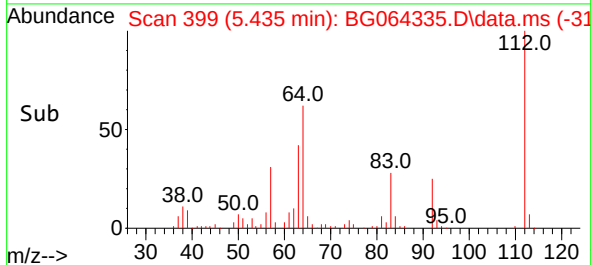
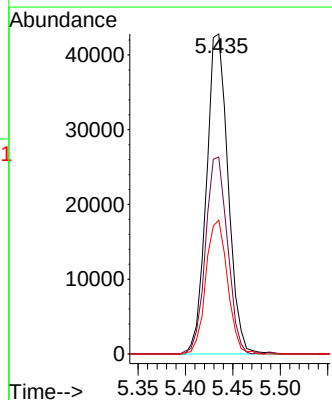
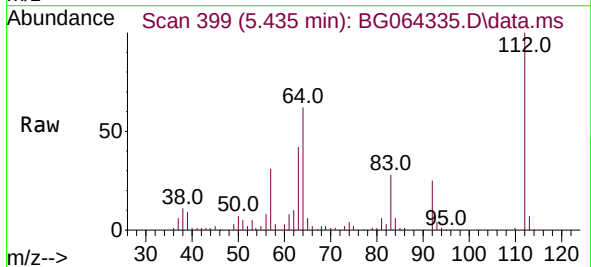
Instrument :
BNA_G
ClientSampleId :
VNJ-215

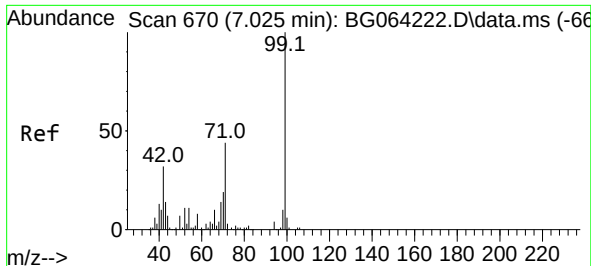
Tgt Ion:152 Resp: 18510
Ion Ratio Lower Upper
152 100
150 139.6 128.0 192.0
115 61.2 55.7 83.5



#5
2-Fluorophenol
Concen: 65.889 ng
RT: 5.435 min Scan# 399
Delta R.T. -0.009 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion:112 Resp: 67979
Ion Ratio Lower Upper
112 100
64 61.5 51.8 77.6
63 41.8 30.6 45.8

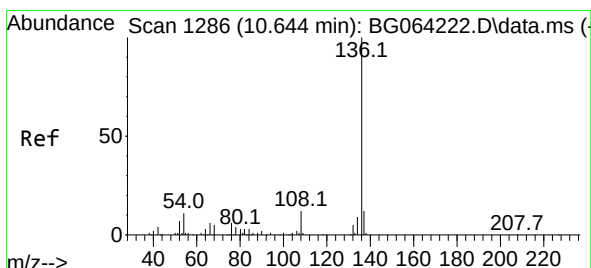
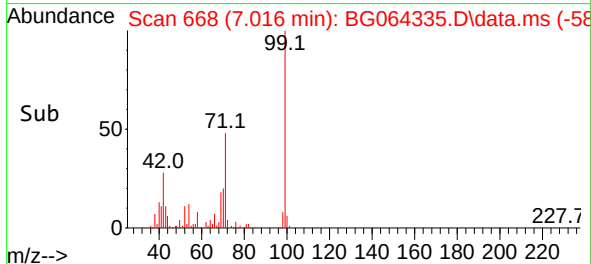
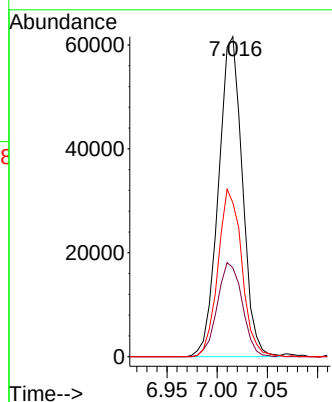
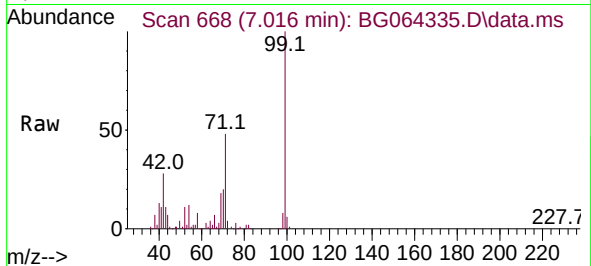




#7
Phenol-d6
Concen: 71.988 ng
RT: 7.016 min Scan# 60
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

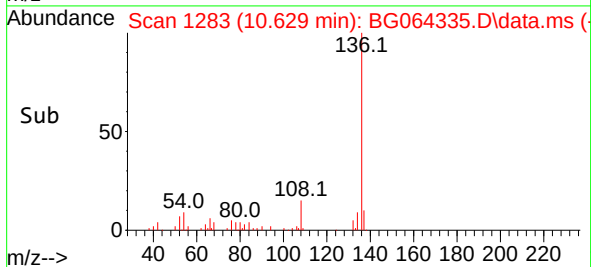
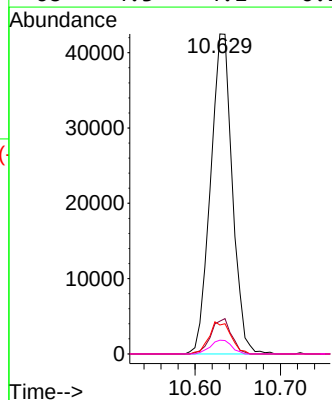
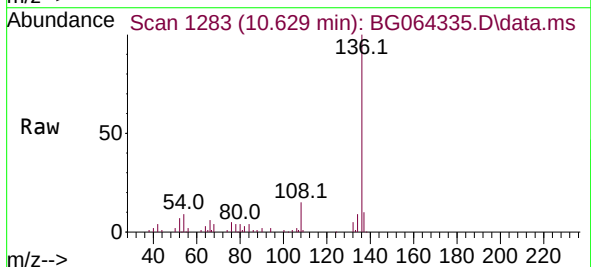
Instrument :
BNA_G
ClientSampleId :
VNJ-215

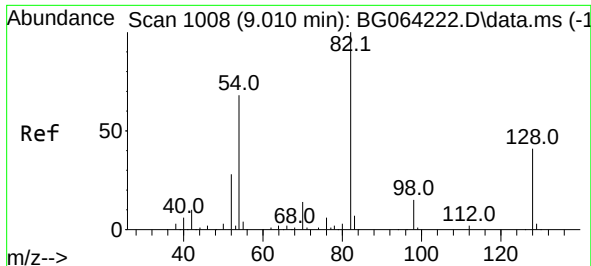
Tgt Ion: 99 Resp: 102036
Ion Ratio Lower Upper
99 100
42 27.8 25.8 38.8
71 48.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 1283
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion: 136 Resp: 75190
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 9.0 8.8 13.2
68 4.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 62.151 ng

RT: 8.996 min Scan# 1005

Delta R.T. -0.021 min

Lab File: BG064335.D

Acq: 10 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

VNJ-215

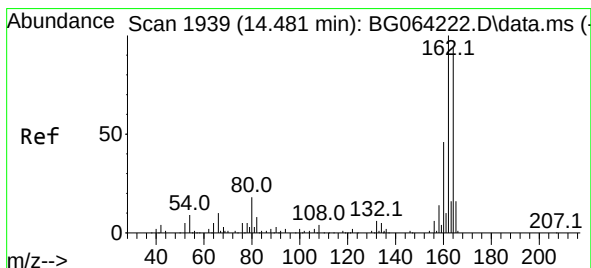
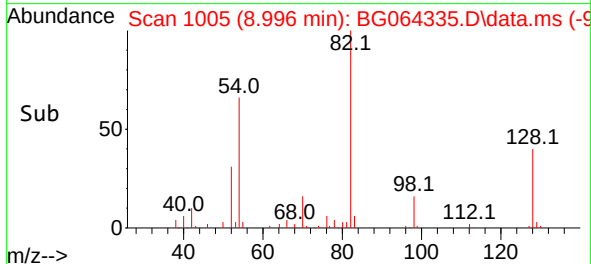
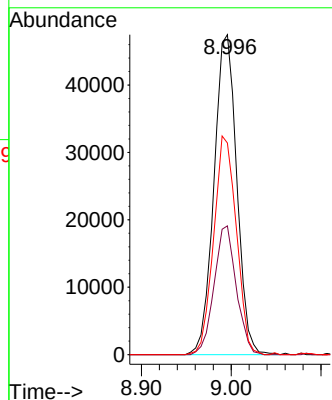
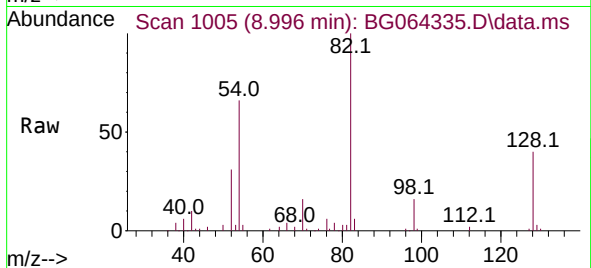
Tgt Ion: 82 Resp: 83793

Ion Ratio Lower Upper

82 100

128 40.2 32.6 48.8

54 66.1 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.466 min Scan# 1936

Delta R.T. -0.015 min

Lab File: BG064335.D

Acq: 10 Sep 2025 16:44

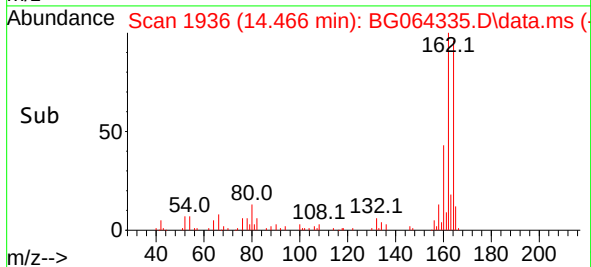
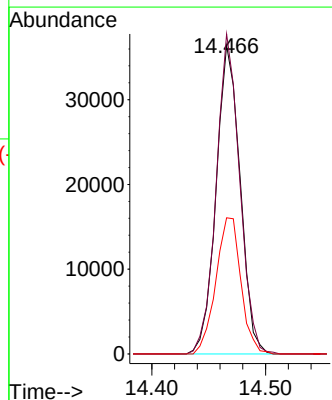
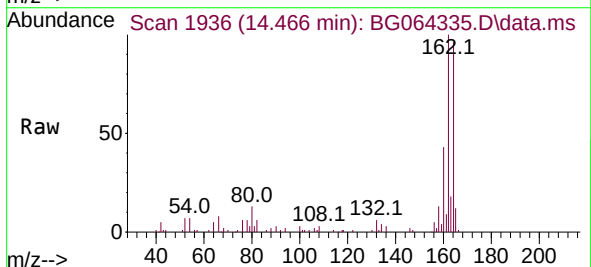
Tgt Ion: 164 Resp: 53289

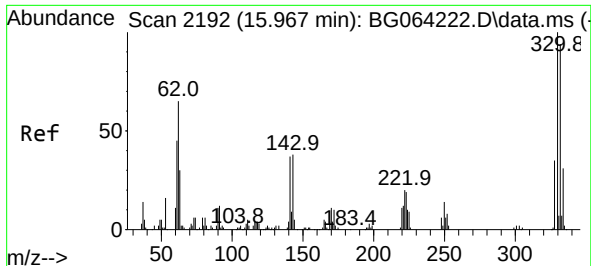
Ion Ratio Lower Upper

164 100

162 103.8 85.4 128.0

160 44.1 39.2 58.8

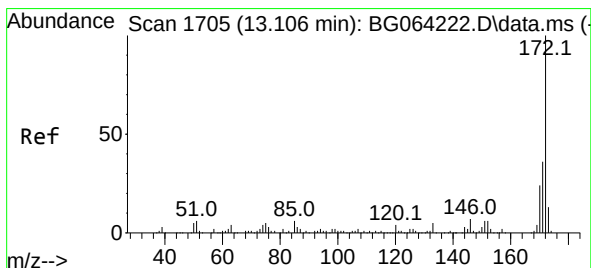
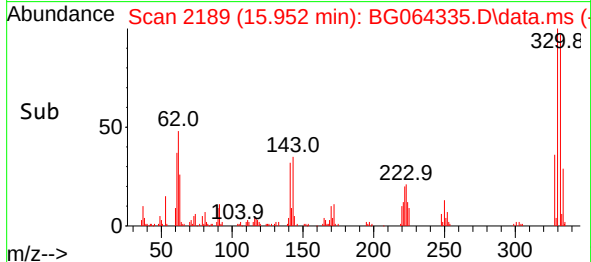
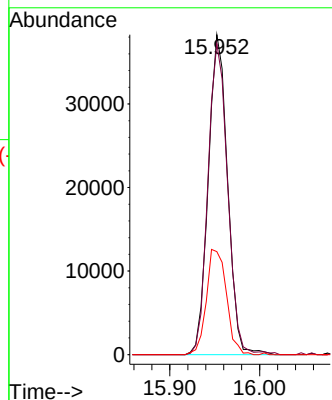
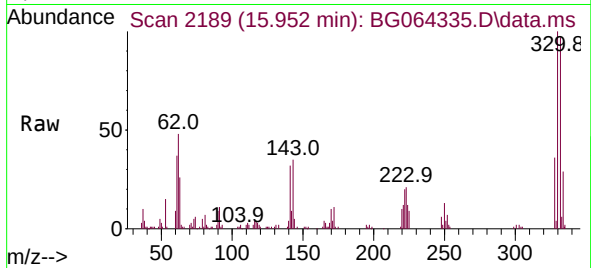




#42
2,4,6-Tribromophenol
Concen: 81.080 ng
RT: 15.952 min Scan# 2192
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

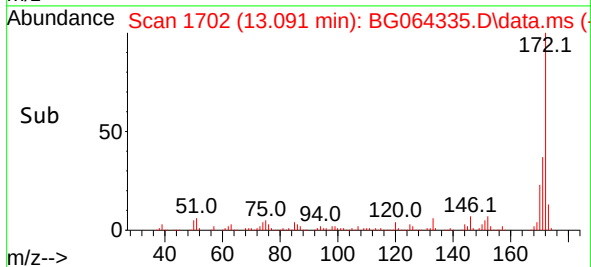
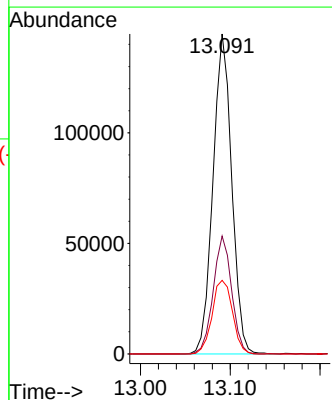
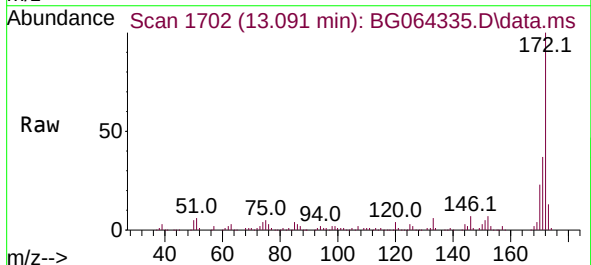
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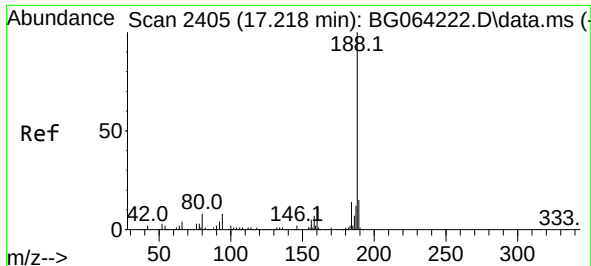
Tgt Ion:330 Resp: 57229
Ion Ratio Lower Upper
330 100
332 98.8 77.6 116.4
141 34.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 59.994 ng
RT: 13.091 min Scan# 1702
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion:172 Resp: 209456
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.0 19.0 28.6

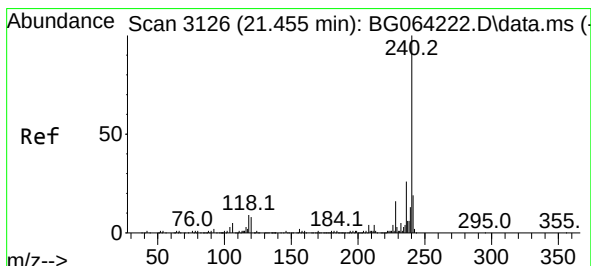
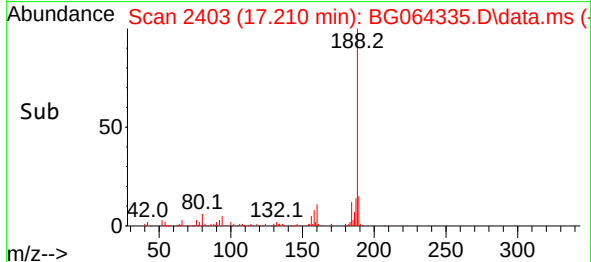
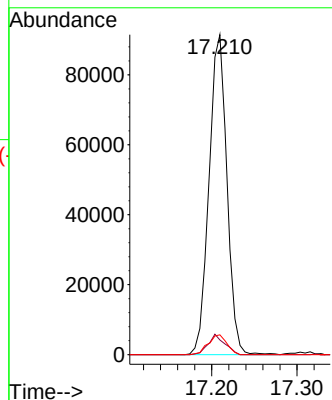
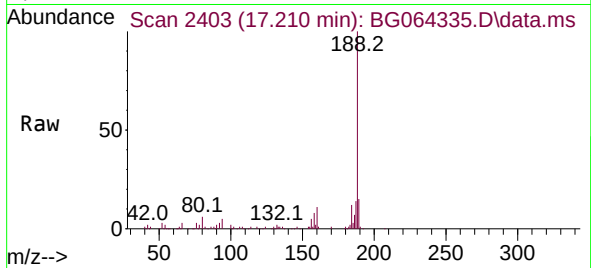




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

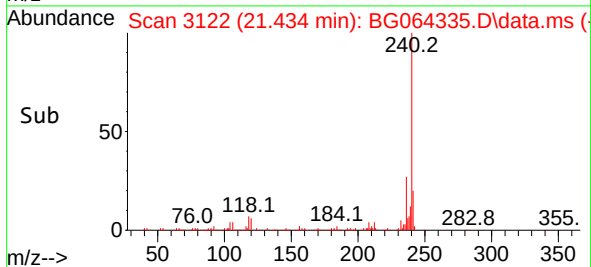
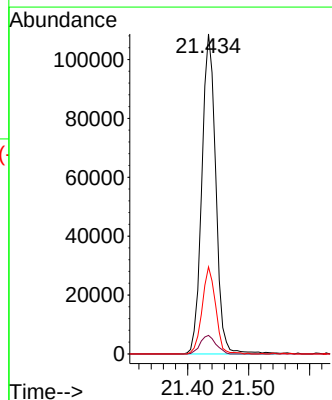
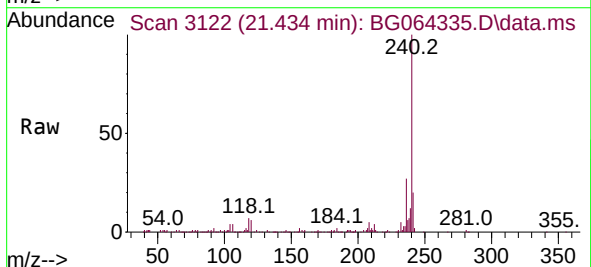
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VNJ-215

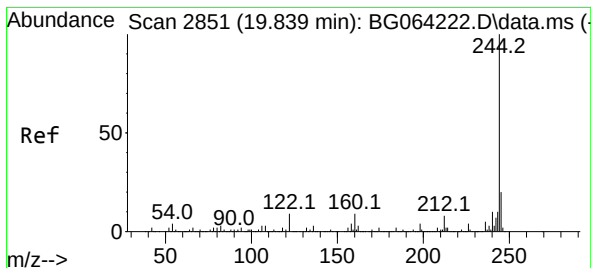
Tgt Ion:188 Resp: 133254
Ion Ratio Lower Upper
188 100
94 4.6 6.2 9.4#
80 6.2 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion:240 Resp: 172457
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 27.2 20.5 30.7





#79

Terphenyl-d14

Concen: 62.014 ng

RT: 19.830 min Scan# 2851

Delta R.T. -0.015 min

Lab File: BG064335.D

Acq: 10 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

VNJ-215

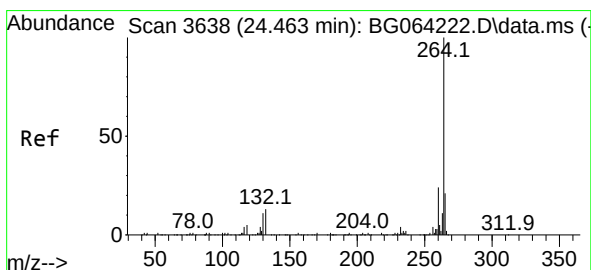
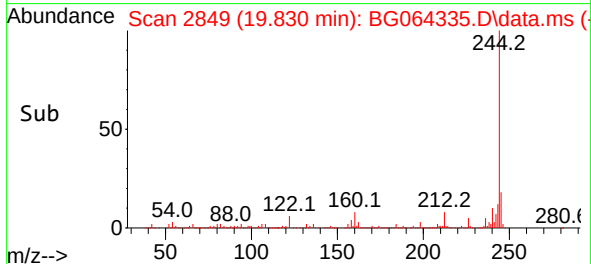
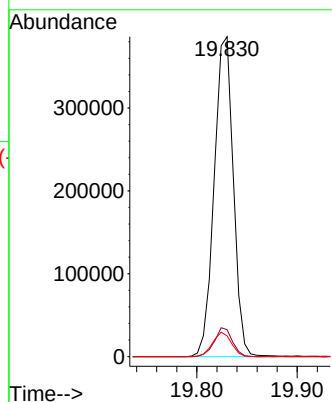
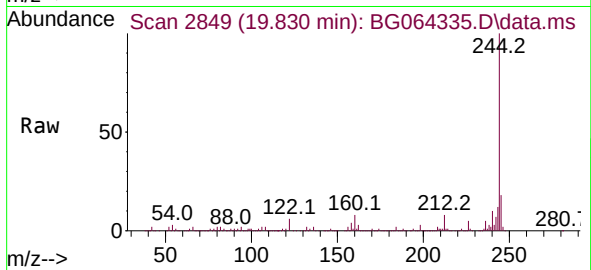
Tgt Ion:244 Resp: 512603

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 6.5 7.0 10.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.436 min Scan# 3633

Delta R.T. -0.027 min

Lab File: BG064335.D

Acq: 10 Sep 2025 16:44

Tgt Ion:264 Resp: 197822

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.3 16.7 25.1

