

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064333.D
 Acq On : 10 Sep 2025 15:19
 Operator : RC/JU
 Sample : PB169633BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169633BL

Quant Time: Sep 10 15:58:46 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	23585	20.000	ng	-0.01
21) Naphthalene-d8	10.629	136	95858	20.000	ng	-0.02
39) Acenaphthene-d10	14.466	164	66938	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	164812	20.000	ng	#-0.01
76) Chrysene-d12	21.434	240	197978	20.000	ng	#-0.02
86) Perylene-d12	24.431	264	210591	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	180332	137.177	ng	0.00
7) Phenol-d6	7.022	99	235510	130.402	ng	0.00
23) Nitrobenzene-d5	8.996	82	168824	98.222	ng	-0.02
42) 2,4,6-Tribromophenol	15.958	330	150712	169.984	ng	-0.01
45) 2-Fluorobiphenyl	13.091	172	426129	97.168	ng	-0.02
79) Terphenyl-d14	19.830	244	929615	97.966	ng	-0.01

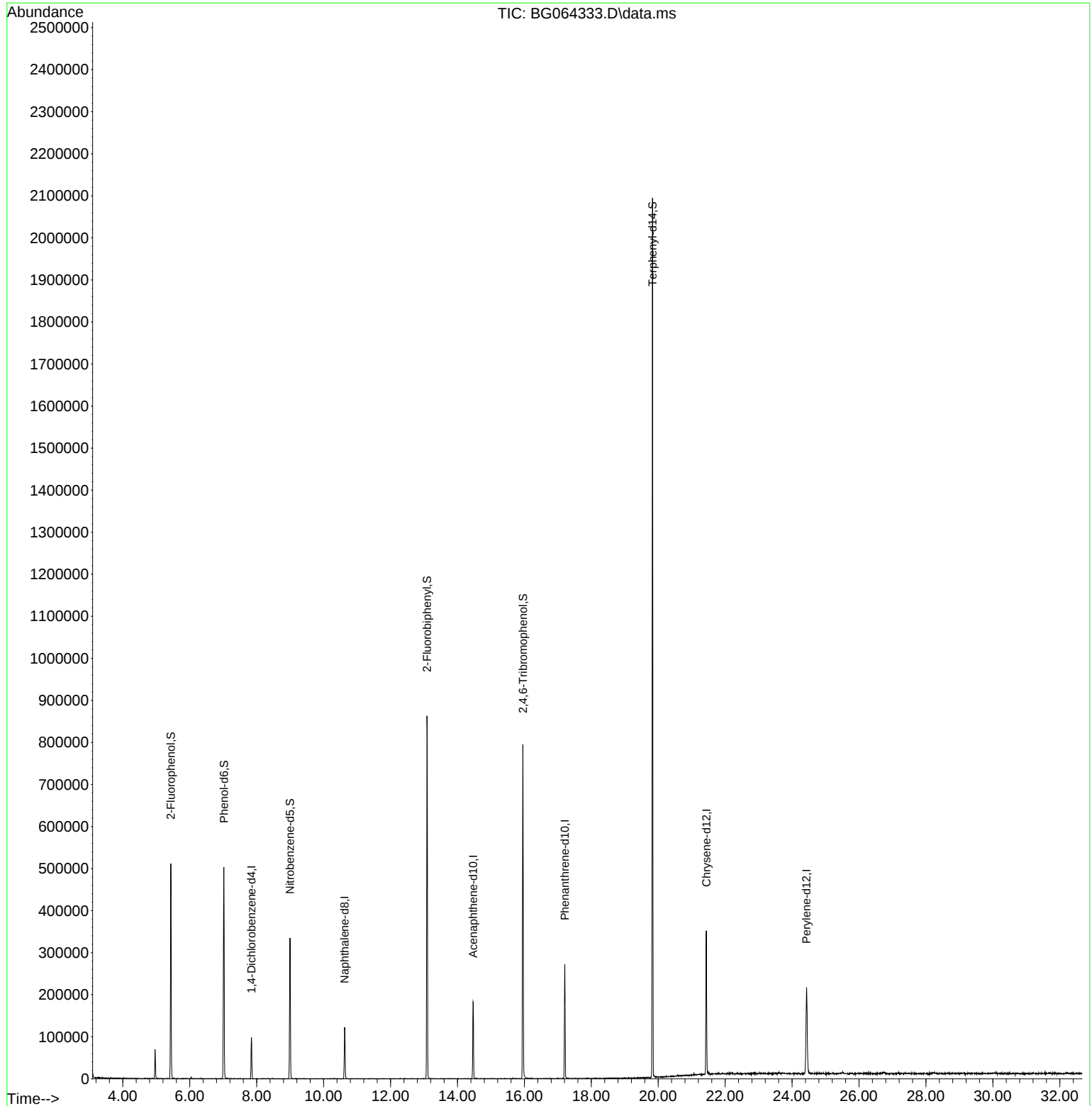
Target Compounds	Qvalue
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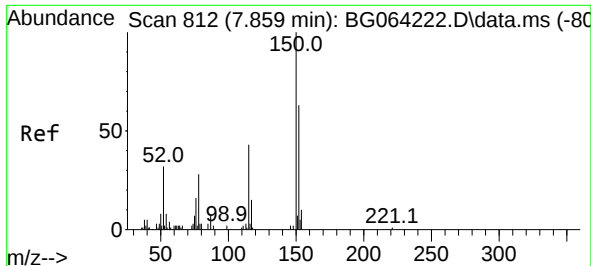
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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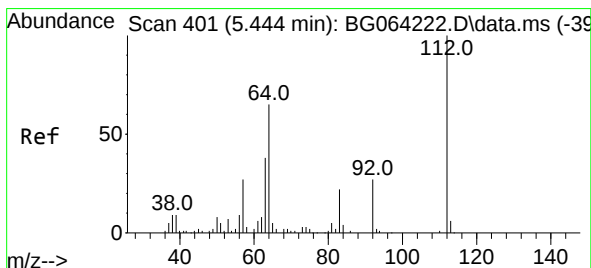
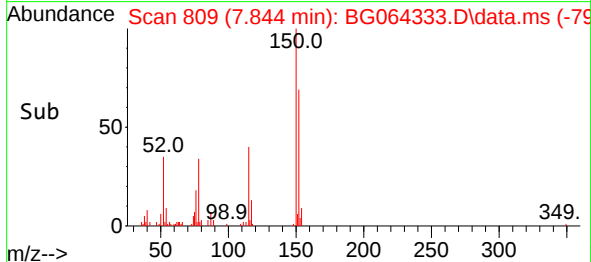
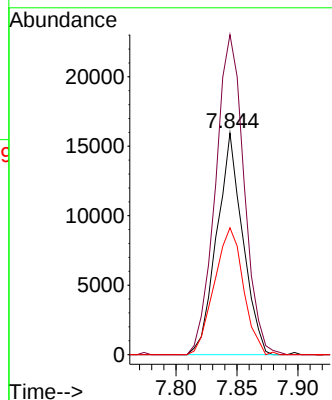
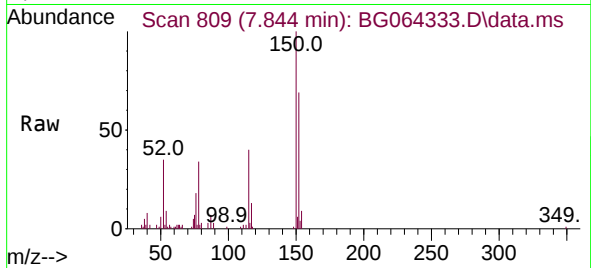




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.844 min Scan# 80
 Delta R.T. -0.015 min
 Lab File: BG064333.D
 Acq: 10 Sep 2025 15:19

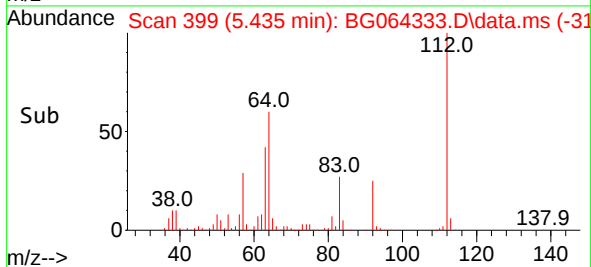
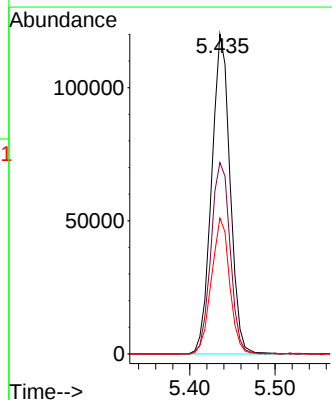
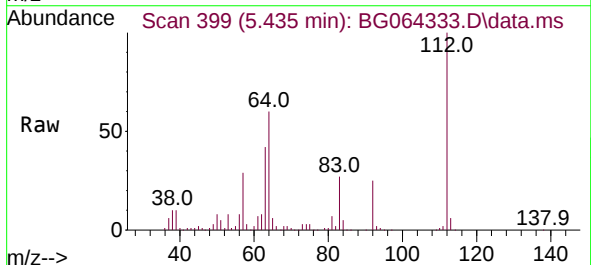
Instrument :
 BNA_G
 ClientSampleId :
 PB169633BL

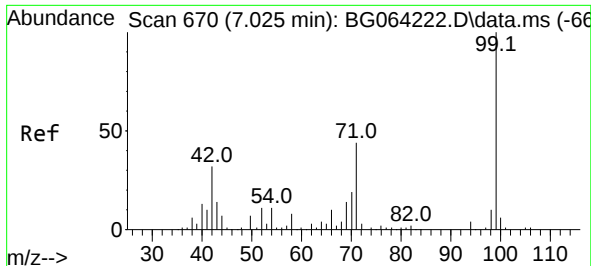
Tgt Ion:152 Resp: 23585
 Ion Ratio Lower Upper
 152 100
 150 144.4 128.0 192.0
 115 57.2 55.7 83.5



#5
 2-Fluorophenol
 Concen: 137.177 ng
 RT: 5.435 min Scan# 399
 Delta R.T. -0.009 min
 Lab File: BG064333.D
 Acq: 10 Sep 2025 15:19

Tgt Ion:112 Resp: 180332
 Ion Ratio Lower Upper
 112 100
 64 59.8 51.8 77.6
 63 42.4 30.6 45.8

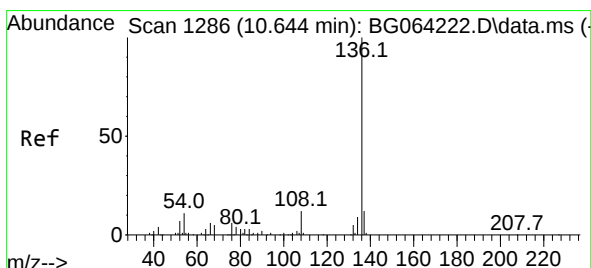
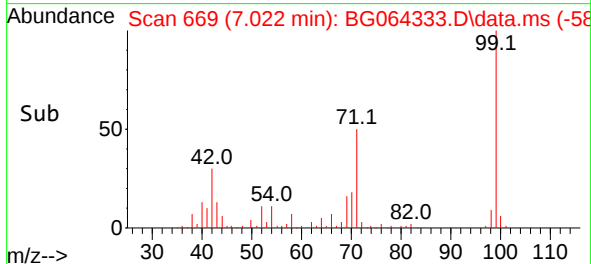
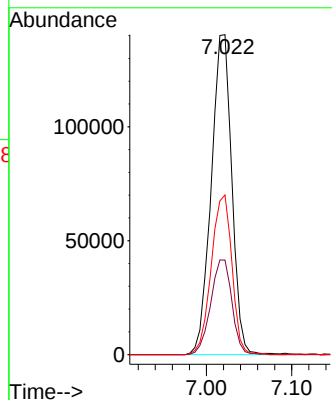
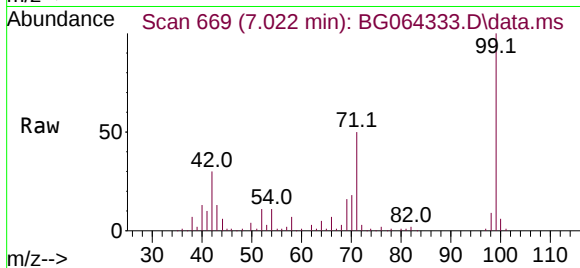




#7
Phenol-d6
Concen: 130.402 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

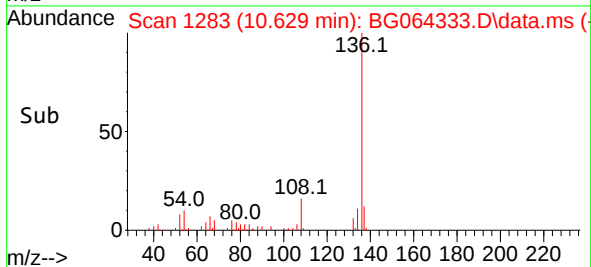
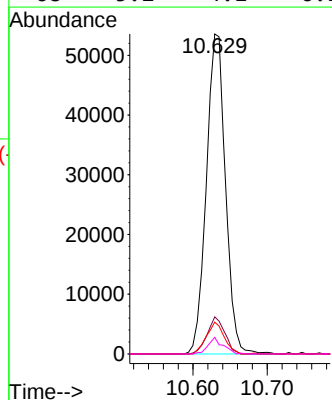
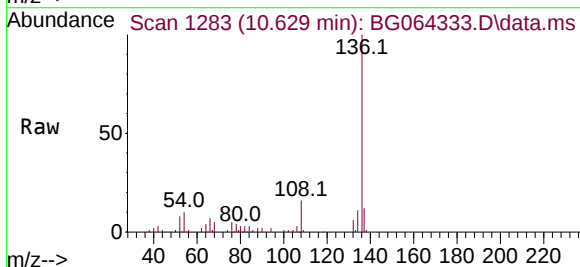
Instrument :
BNA_G
ClientSampleId :
PB169633BL

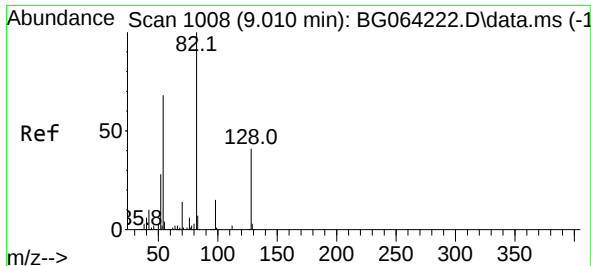
Tgt Ion: 99 Resp: 235510
Ion Ratio Lower Upper
99 100
42 29.5 25.8 38.8
71 49.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 1283
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Tgt Ion:136 Resp: 95858
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 9.9 8.8 13.2
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.222 ng

RT: 8.996 min Scan# 1005

Delta R.T. -0.021 min

Lab File: BG064333.D

Acq: 10 Sep 2025 15:19

Instrument :

BNA_G

ClientSampleId :

PB169633BL

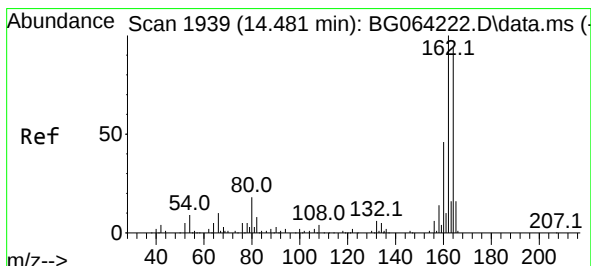
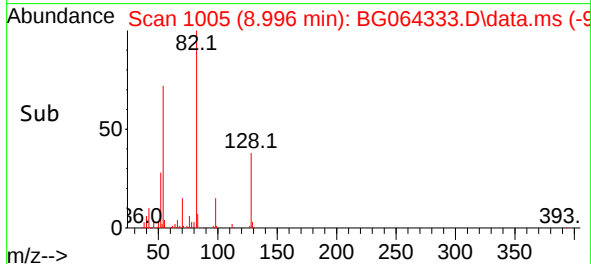
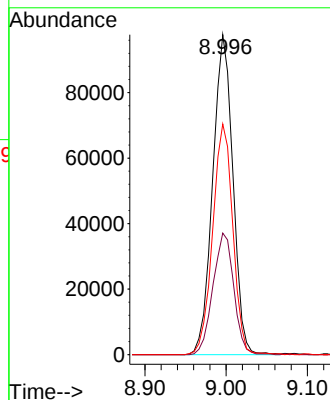
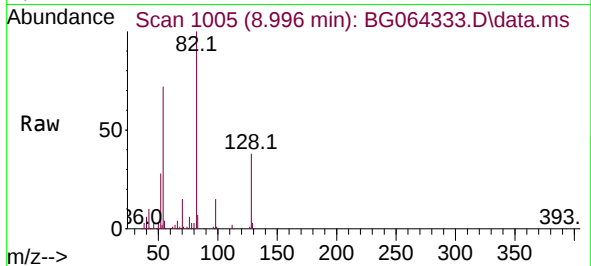
Tgt Ion: 82 Resp: 168824

Ion Ratio Lower Upper

82 100

128 38.0 32.6 48.8

54 72.1 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: BG064333.D

Acq: 10 Sep 2025 15:19

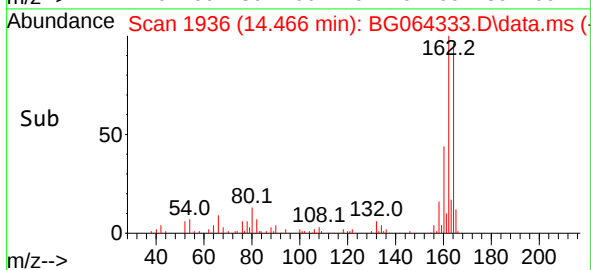
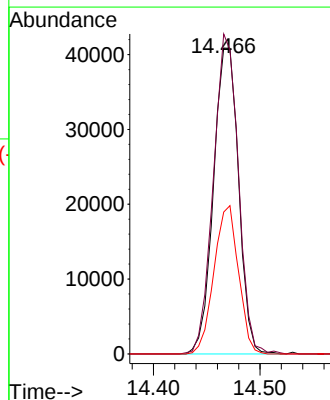
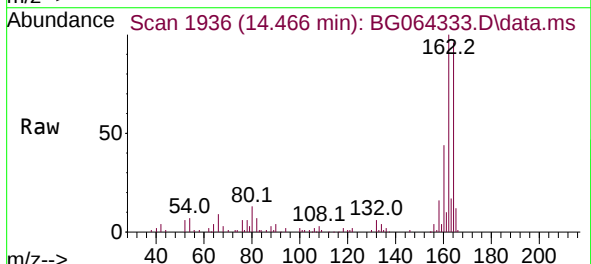
Tgt Ion: 164 Resp: 66938

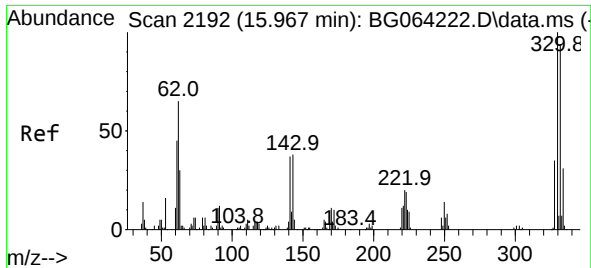
Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.0

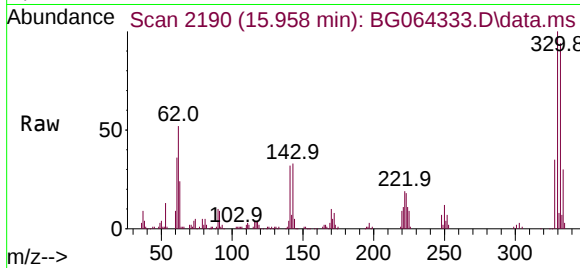
160 46.4 39.2 58.8



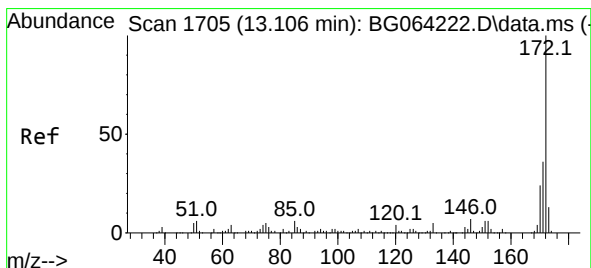
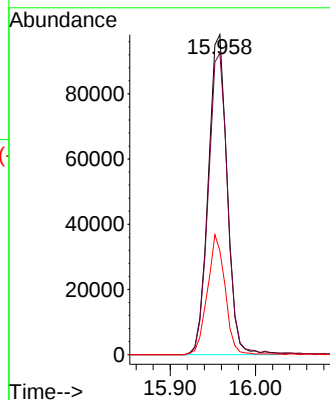
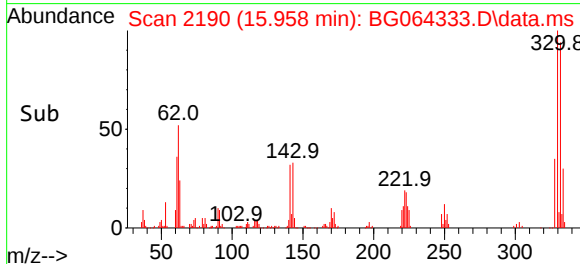


#42
2,4,6-Tribromophenol
Concen: 169.984 ng
RT: 15.958 min Scan# 2190
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

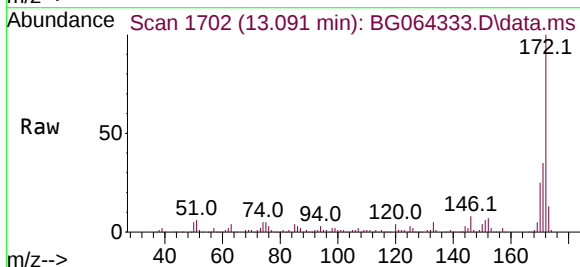
Instrument :
BNA_G
ClientSampleId :
PB169633BL



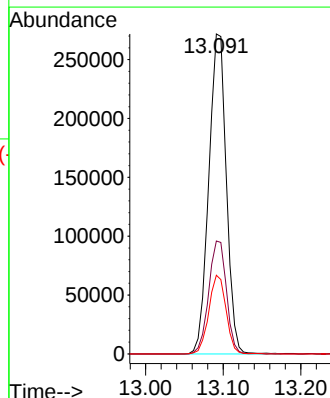
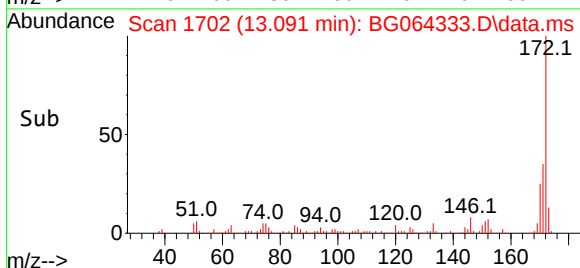
Tgt Ion:330 Resp: 150712
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 35.1 29.8 44.6

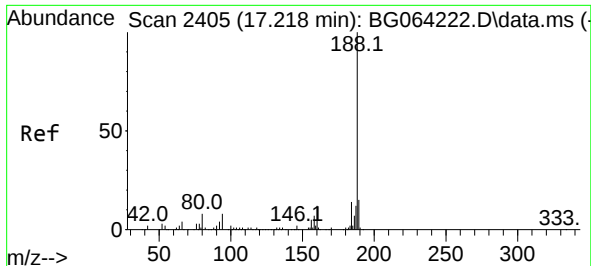


#45
2-Fluorobiphenyl
Concen: 97.168 ng
RT: 13.091 min Scan# 1702
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19



Tgt Ion:172 Resp: 426129
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.6 19.0 28.6

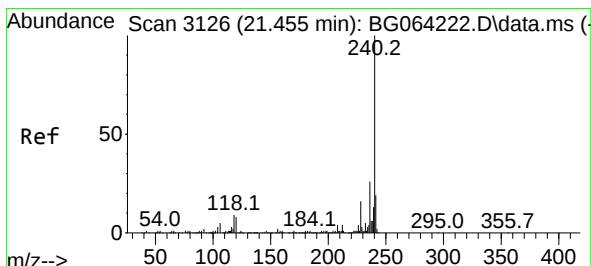
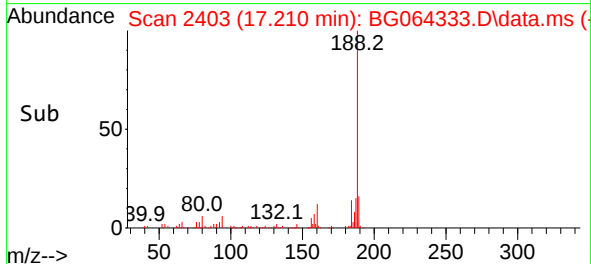
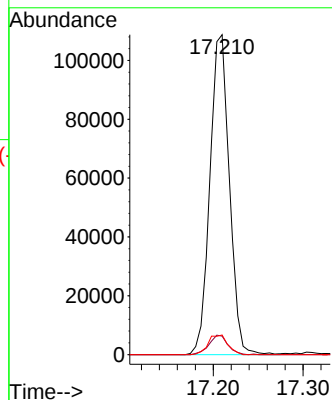
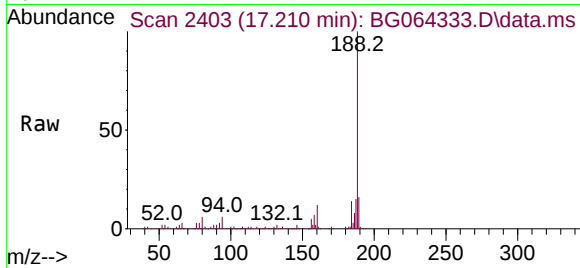




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

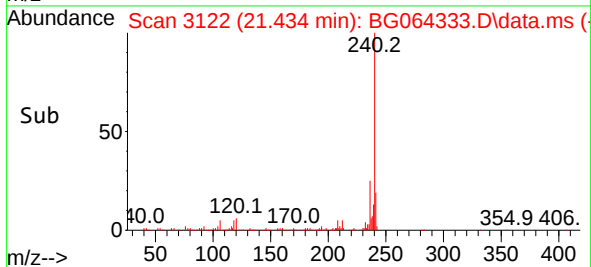
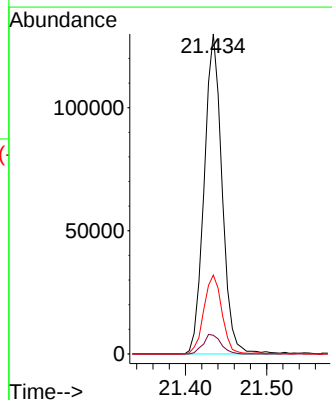
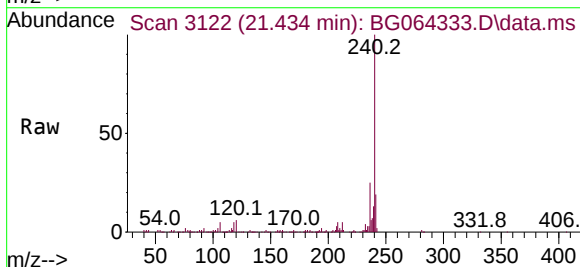
Instrument :
BNA_G
ClientSampleId :
PB169633BL

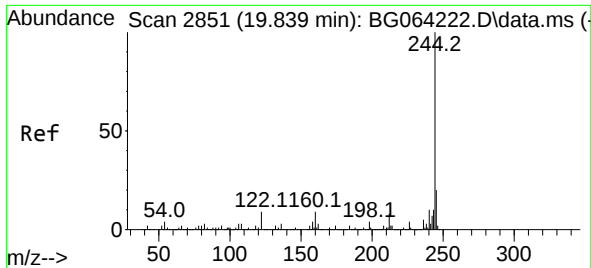
Tgt Ion:188 Resp: 164812
Ion Ratio Lower Upper
188 100
94 5.8 6.2 9.4#
80 6.1 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Tgt Ion:240 Resp: 197978
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 24.6 20.5 30.7

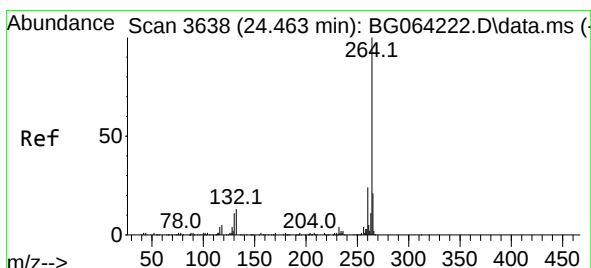
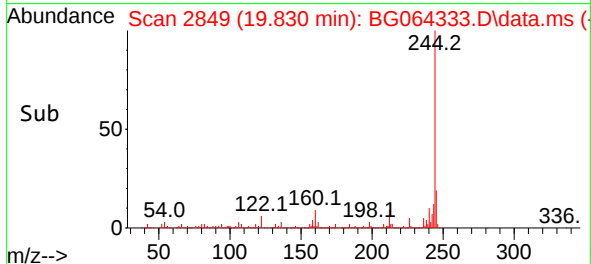
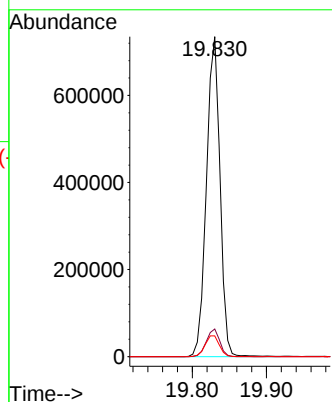
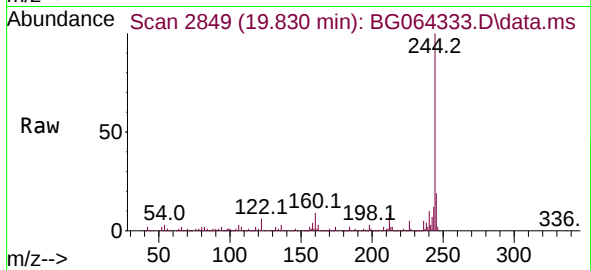




#79
 Terphenyl-d14
 Concen: 97.966 ng
 RT: 19.830 min Scan# 2851
 Delta R.T. -0.015 min
 Lab File: BG064333.D
 Acq: 10 Sep 2025 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB169633BL

Tgt Ion:244 Resp: 929615
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 6.5 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.431 min Scan# 3632
 Delta R.T. -0.033 min
 Lab File: BG064333.D
 Acq: 10 Sep 2025 15:19

Tgt Ion:264 Resp: 210591
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.9 16.7 25.1

