

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064533.D
 Acq On : 17 Oct 2025 13:02
 Operator : RC/JU
 Sample : PB170144BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170144BL

Quant Time: Oct 17 13:38:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	15169	20.000	ng	# 0.00
21) Naphthalene-d8	10.602	136	63951	20.000	ng	0.00
39) Acenaphthene-d10	14.444	164	47990	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	119250	20.000	ng	0.00
76) Chrysene-d12	21.413	240	136283	20.000	ng	0.00
86) Perylene-d12	24.391	264	149804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	129795	158.355	ng	0.00
7) Phenol-d6	7.000	99	160586	145.793	ng	0.01
23) Nitrobenzene-d5	8.968	82	111284	93.567	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	128223	147.402	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	309416	95.036	ng	0.00
79) Terphenyl-d14	19.809	244	727588	101.037	ng	0.00

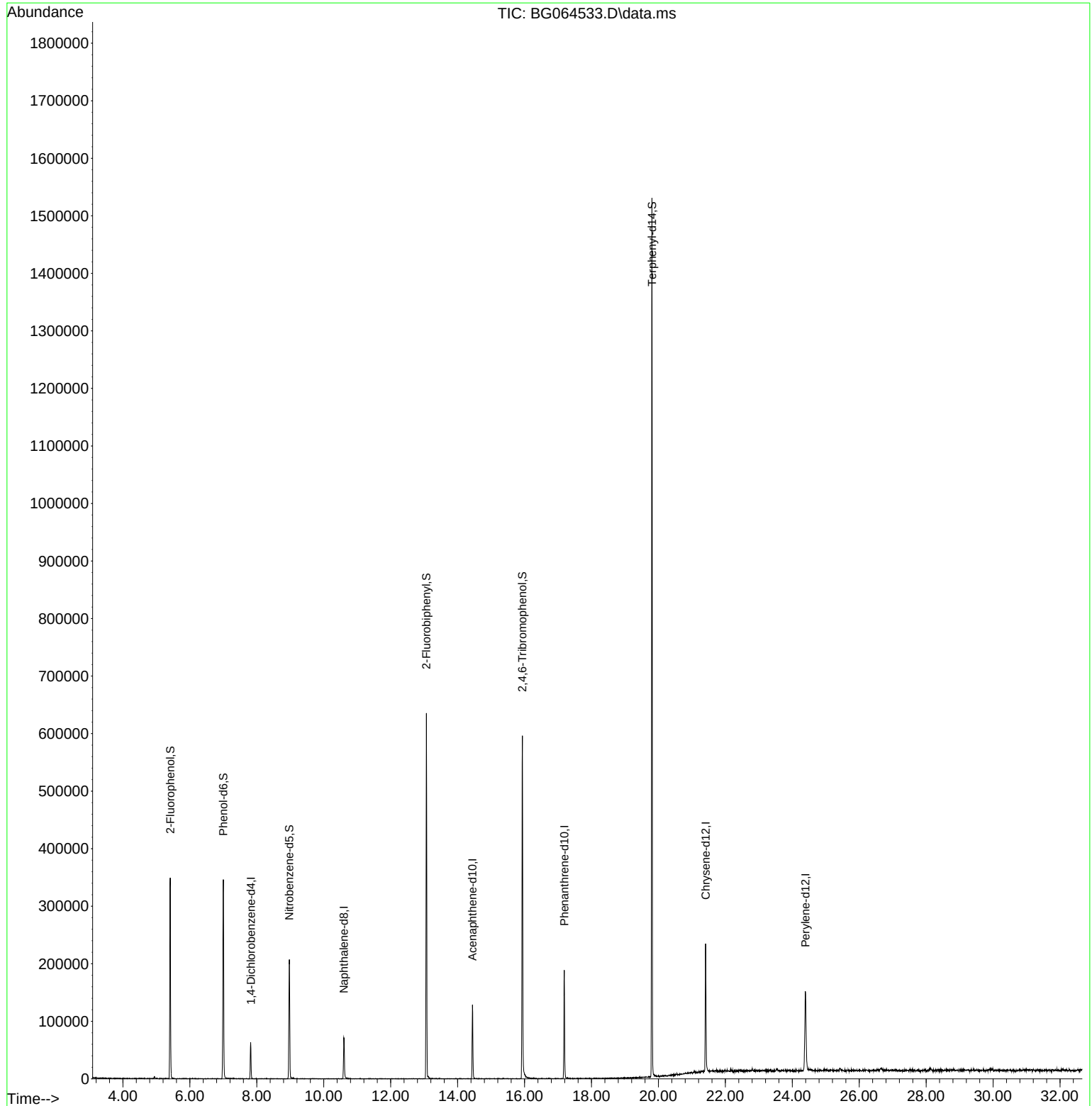
Target Compounds	Qvalue

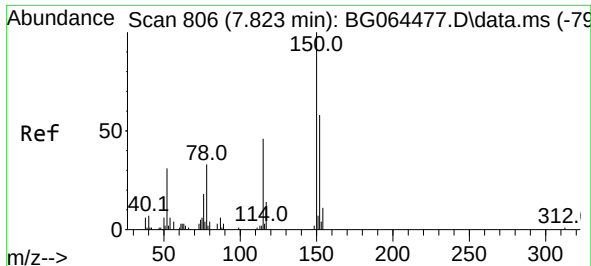
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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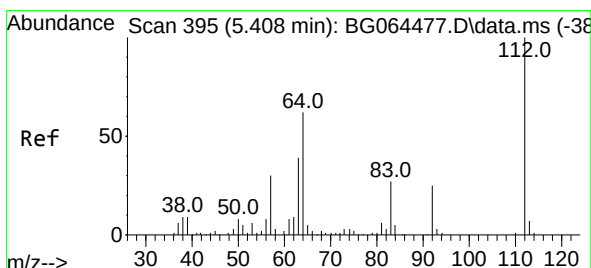
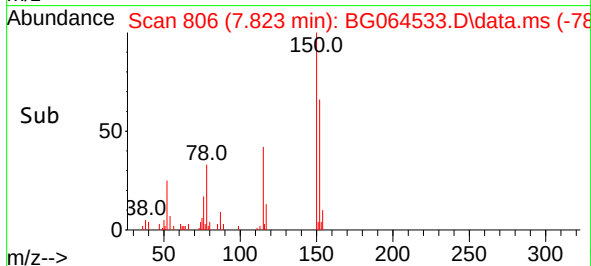
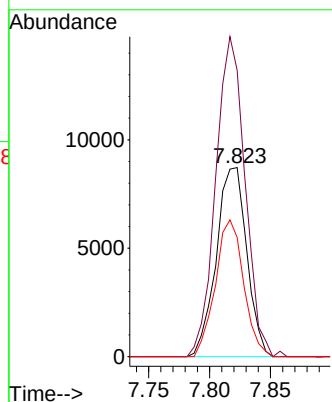
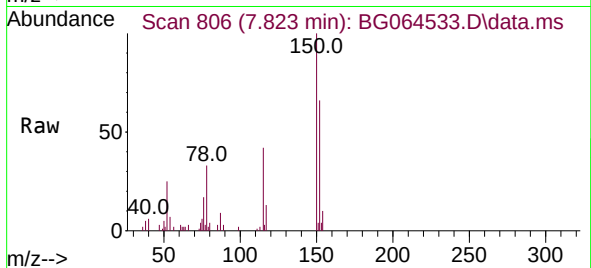




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

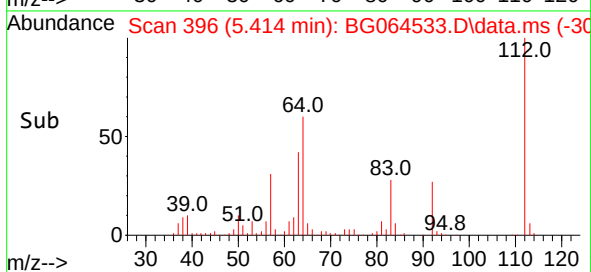
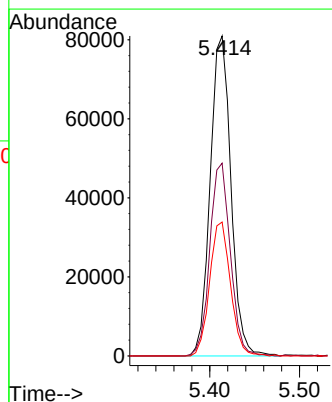
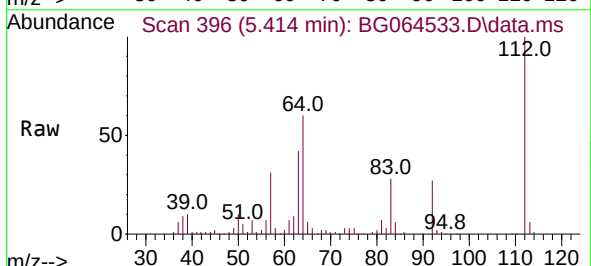
Instrument :
BNA_G
ClientSampleId :
PB170144BL

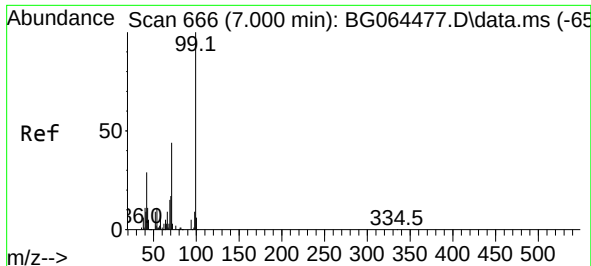
Tgt Ion:152 Resp: 15169
Ion Ratio Lower Upper
152 100
150 151.5 138.6 207.8
115 63.0 63.4 95.2#



#5
2-Fluorophenol
Concen: 158.355 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

Tgt Ion:112 Resp: 129795
Ion Ratio Lower Upper
112 100
64 60.2 49.8 74.8
63 41.8 31.3 46.9

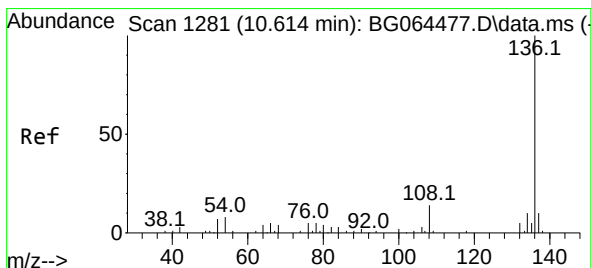
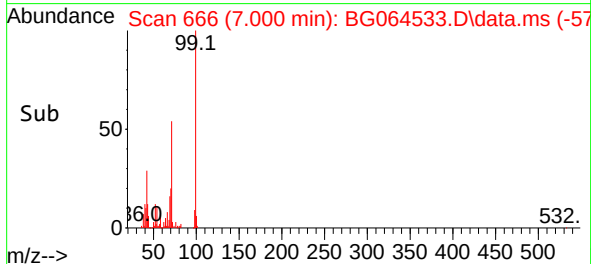
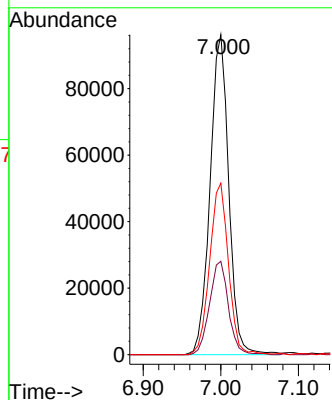
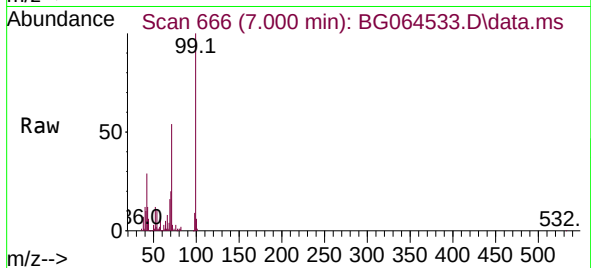




#7
Phenol-d6
Concen: 145.793 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

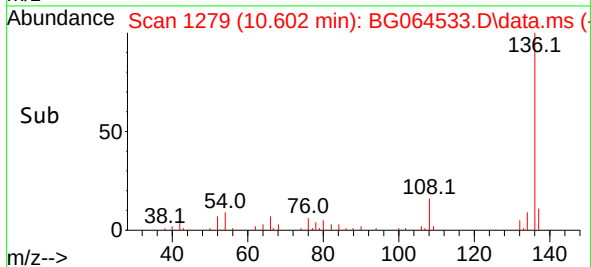
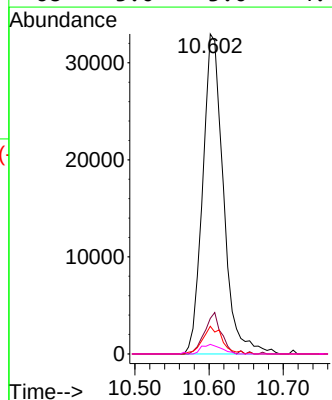
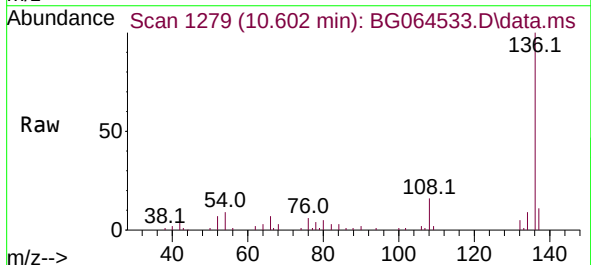
Instrument :
BNA_G
ClientSampleId :
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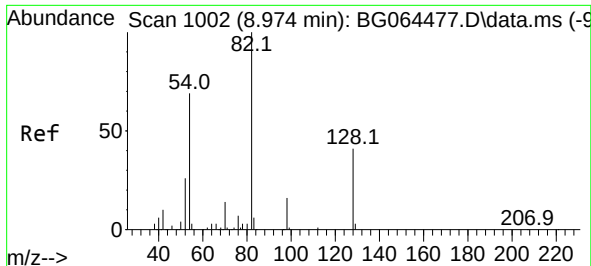
Tgt Ion: 99 Resp: 160586
Ion Ratio Lower Upper
99 100
42 29.2 22.9 34.3
71 53.6 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

Tgt Ion:136 Resp: 63951
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 8.6 6.2 9.4
68 3.0 3.0 4.4

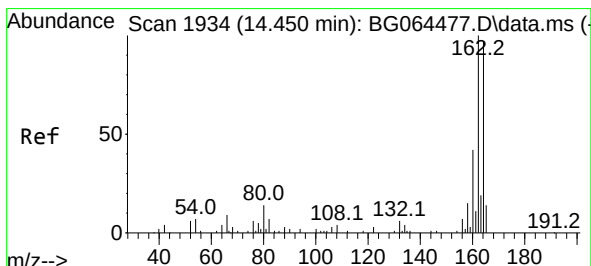
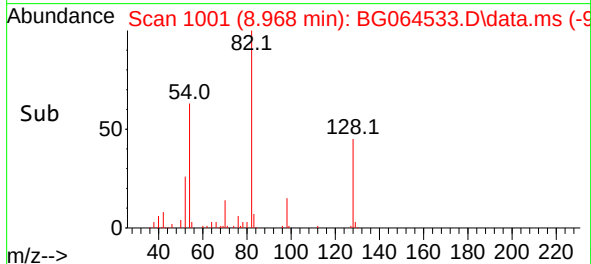
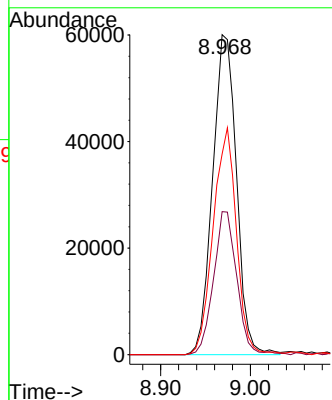
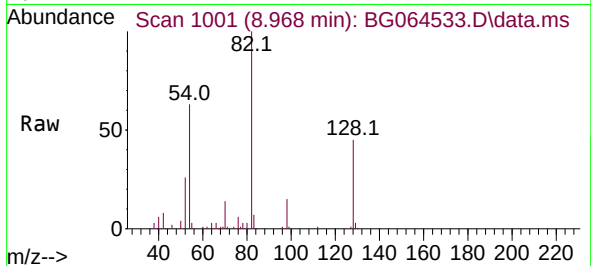




#23
Nitrobenzene-d5
Concen: 93.567 ng
RT: 8.968 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

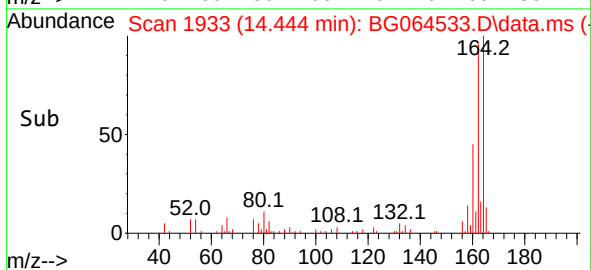
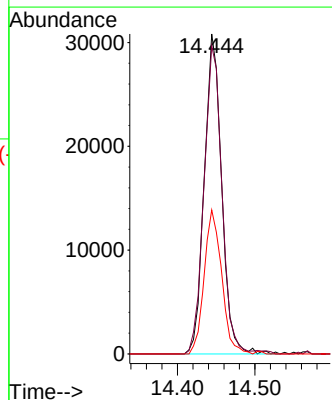
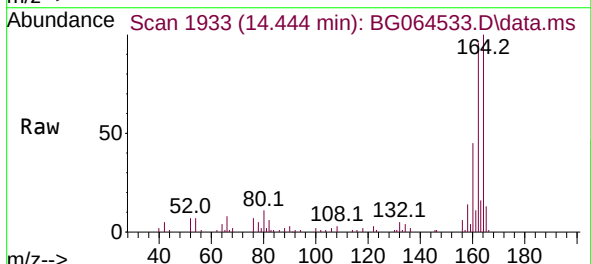
Instrument :
BNA_G
ClientSampleId :
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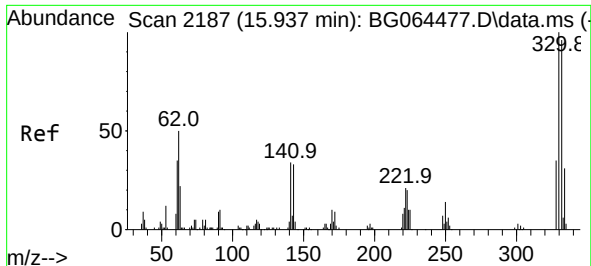
Tgt Ion: 82 Resp: 111284
Ion Ratio Lower Upper
82 100
128 44.7 33.1 49.7
54 62.7 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

Tgt Ion:164 Resp: 47990
Ion Ratio Lower Upper
164 100
162 96.2 82.2 123.2
160 45.0 34.3 51.5

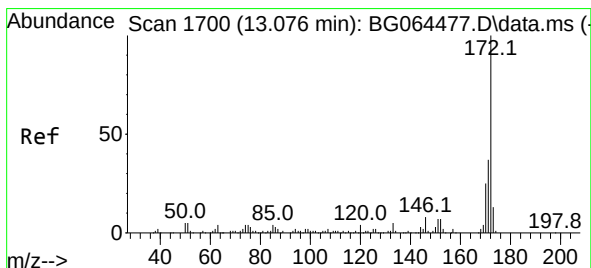
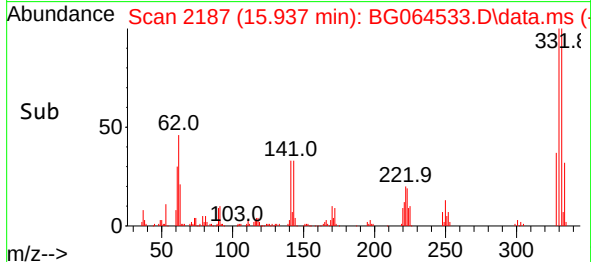
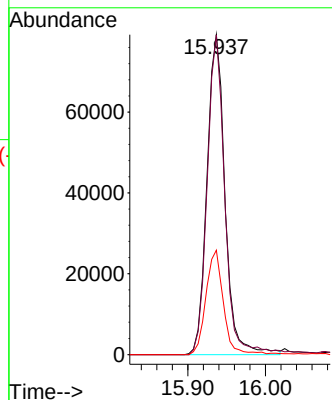
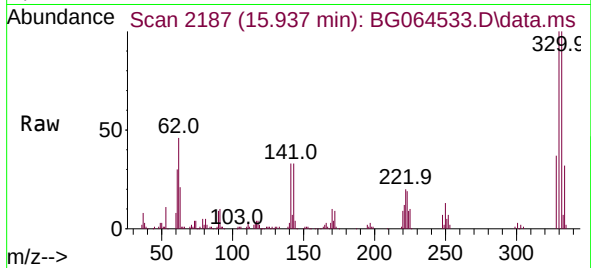




#42
2,4,6-Tribromophenol
Concen: 147.402 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

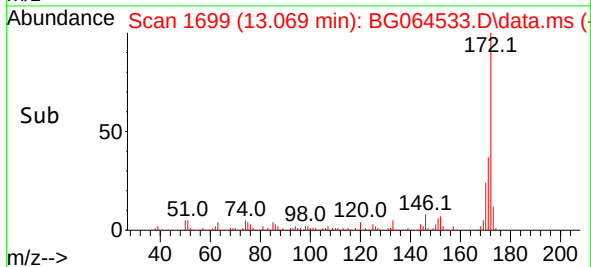
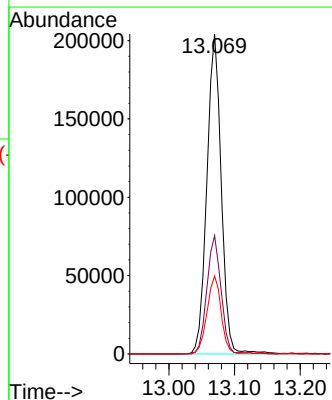
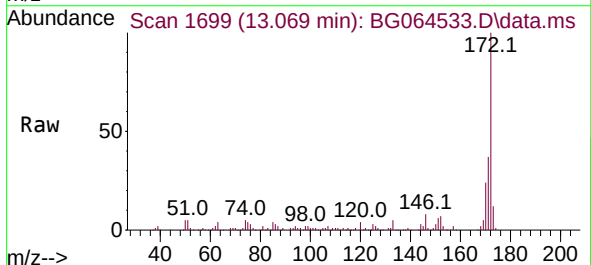
Instrument :
BNA_G
ClientSampleId :
PB170144BL

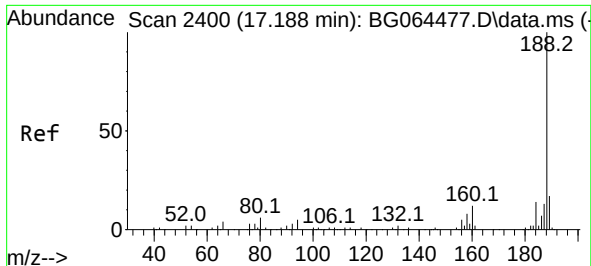
Tgt Ion:330 Resp: 128223
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.0
141 31.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 95.036 ng
RT: 13.069 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

Tgt Ion:172 Resp: 309416
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.4 20.2 30.2

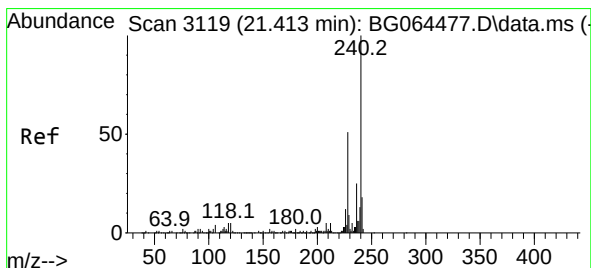
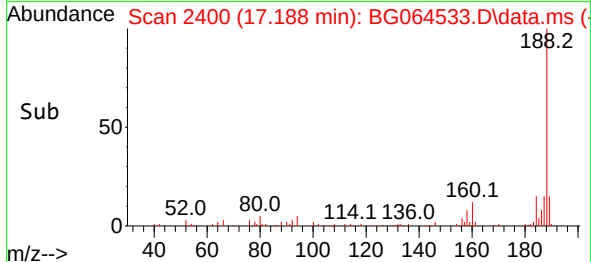
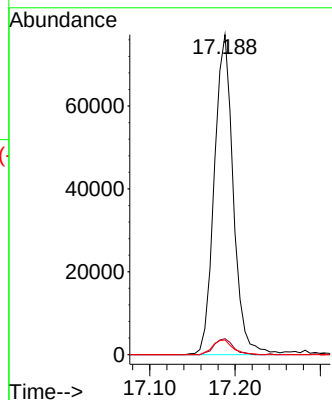
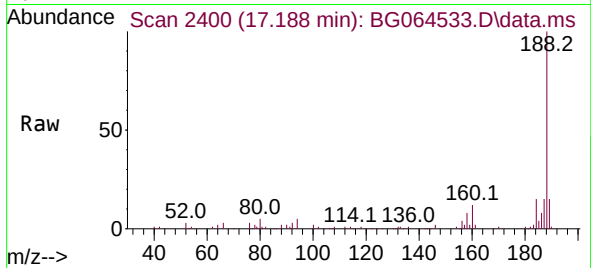




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

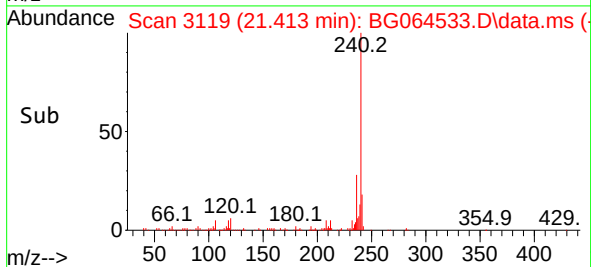
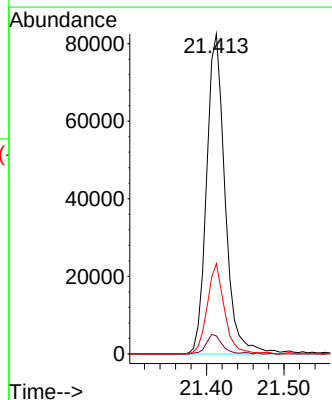
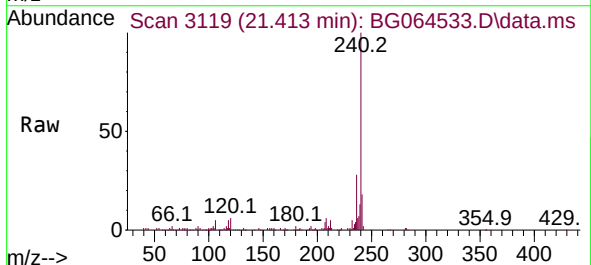
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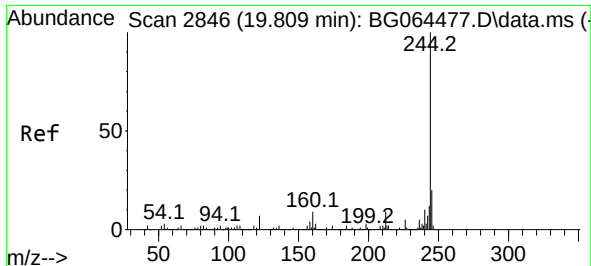
Tgt Ion:188 Resp: 119250
Ion Ratio Lower Upper
188 100
94 5.0 3.7 5.5
80 5.1 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064533.D
Acq: 17 Oct 2025 13:02

Tgt Ion:240 Resp: 136283
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 28.3 20.4 30.6

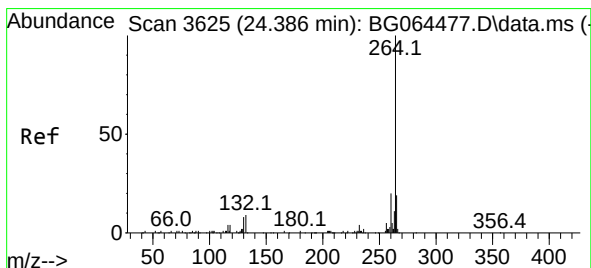
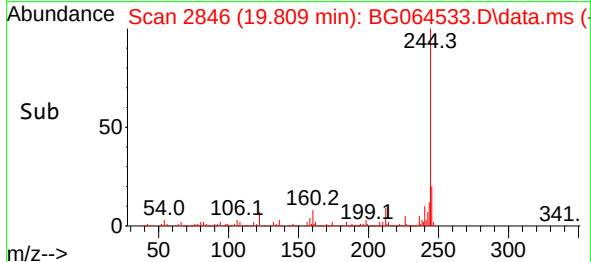
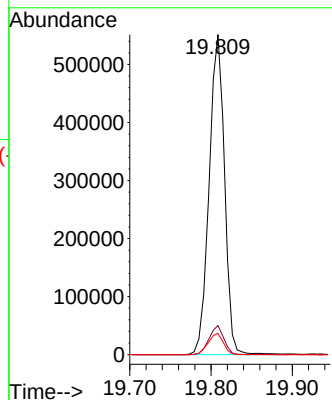
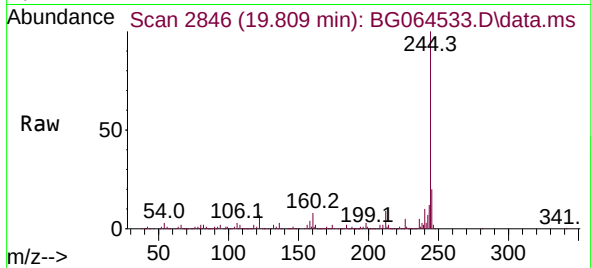




#79
 Terphenyl-d14
 Concen: 101.037 ng
 RT: 19.809 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064533.D
 Acq: 17 Oct 2025 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB170144BL

Tgt Ion:244 Resp: 727588
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.6
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 3626
 Delta R.T. 0.002 min
 Lab File: BG064533.D
 Acq: 17 Oct 2025 13:02

Tgt Ion:264 Resp: 149804
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.2 24.4
 265 21.2 15.0 22.4

