

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064548.D
 Acq On : 20 Oct 2025 13:44
 Operator : RC/JU
 Sample : PB170165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170165BL

Quant Time: Oct 20 14:55:52 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	7.812	152	14412	20.000	ng	# 0.00
21) Naphthalene-d8	10.603	136	55177	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	43937	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	117288	20.000	ng	0.00
76) Chrysene-d12	21.414	240	124365	20.000	ng	0.00
86) Perylene-d12	24.410	264	134795	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	111386	143.034	ng	0.00
7) Phenol-d6	6.995	99	139419	133.224	ng	0.00
23) Nitrobenzene-d5	8.970	82	98938	96.415	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	125958	158.155	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	286706	96.184	ng	0.00
79) Terphenyl-d14	19.810	244	678969	103.321	ng	0.00

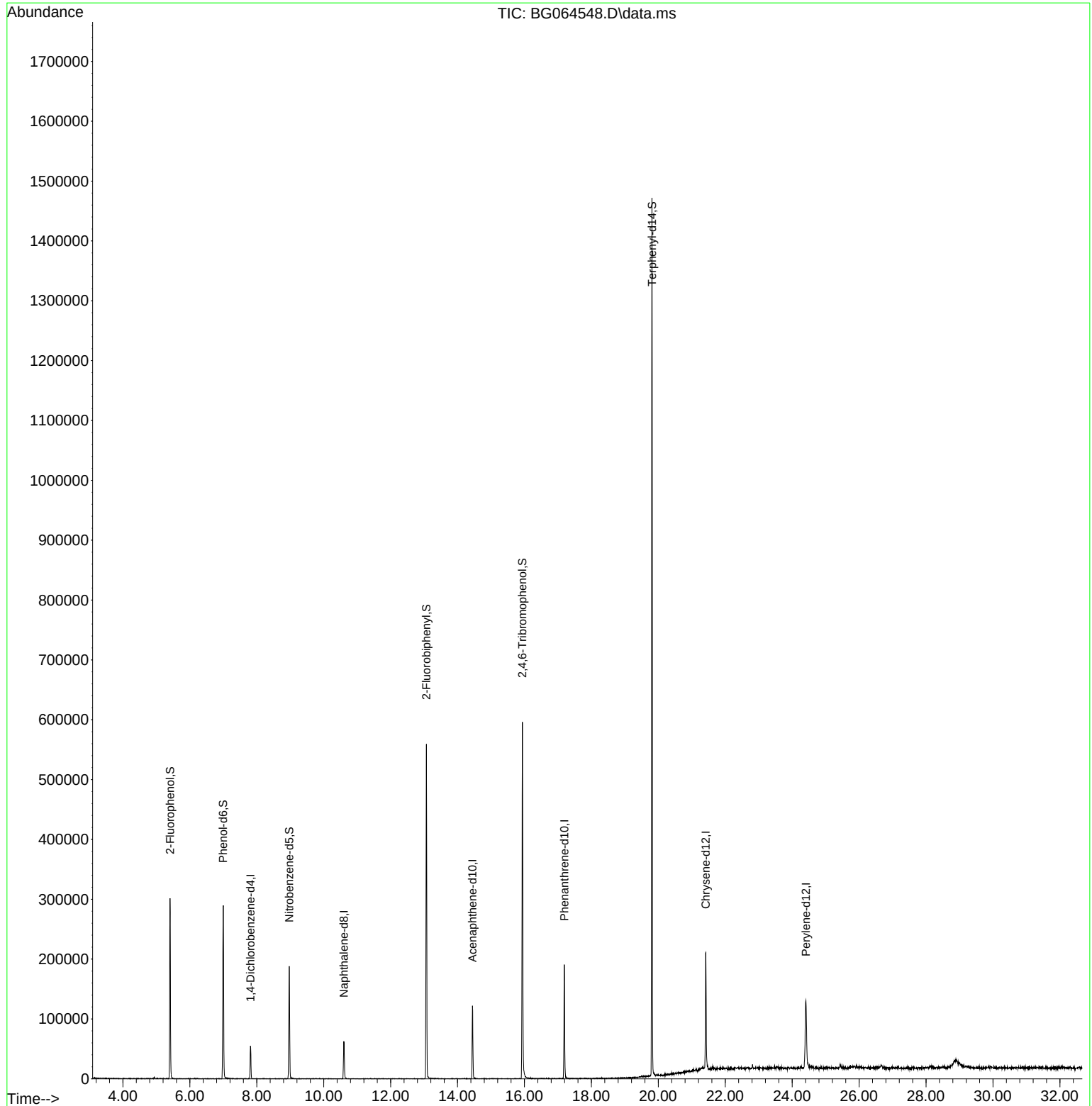
Target Compounds	Qvalue

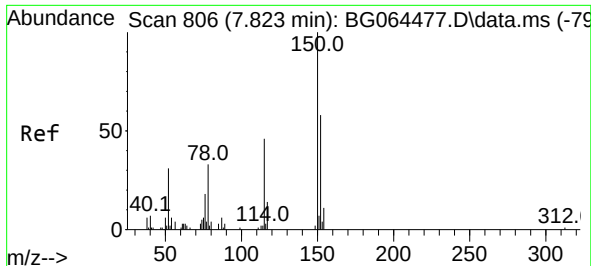
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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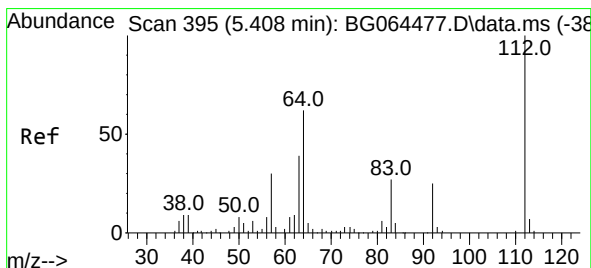
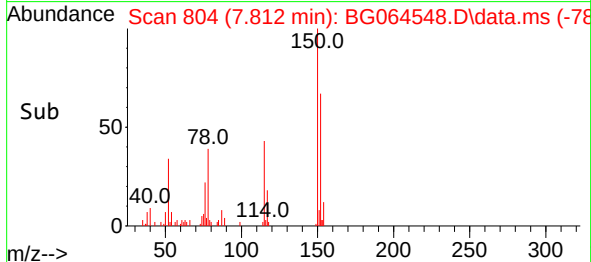
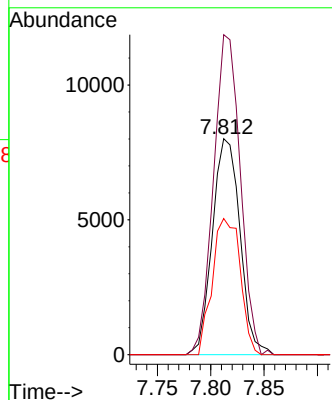
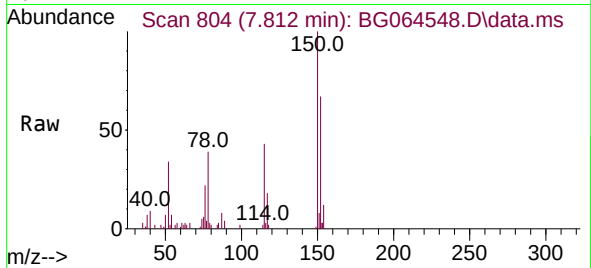




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.008 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

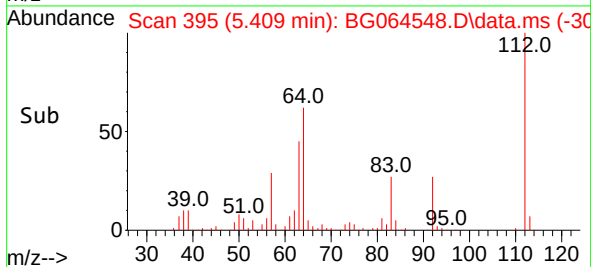
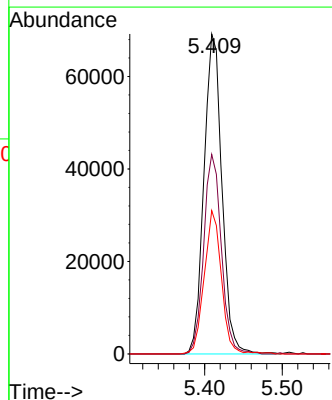
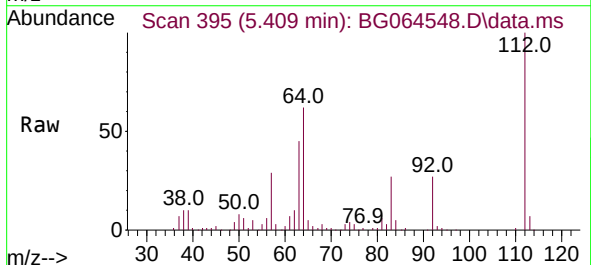
Instrument :
BNA_G
ClientSampleId :
PB170165BL

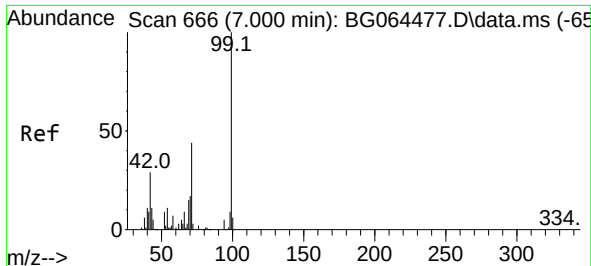
Tgt Ion:152 Resp: 14412
Ion Ratio Lower Upper
152 100
150 148.2 138.6 207.8
115 63.1 63.4 95.2#



#5
2-Fluorophenol
Concen: 143.034 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:112 Resp: 111386
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 44.8 31.3 46.9

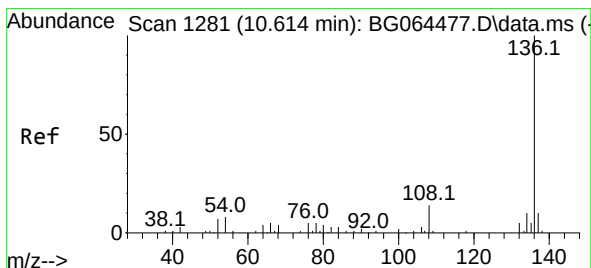
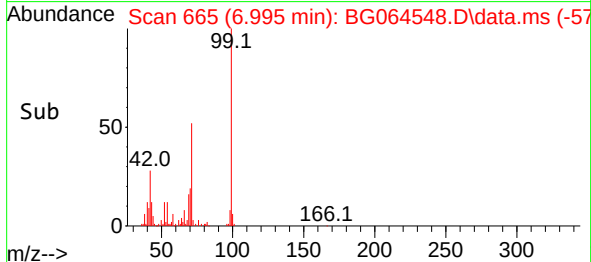
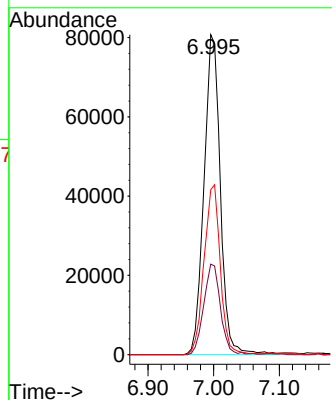
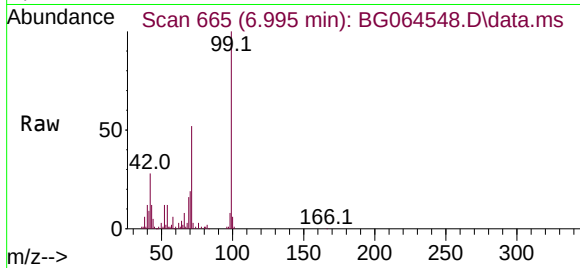




#7
Phenol-d6
Concen: 133.224 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

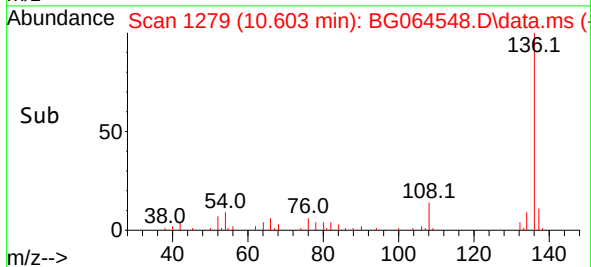
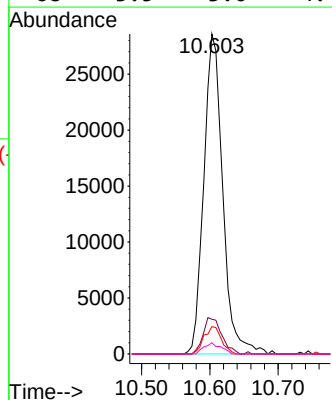
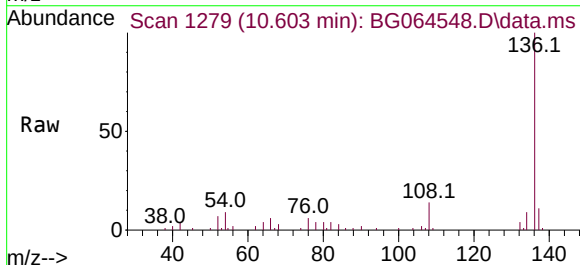
Instrument :
BNA_G
ClientSampleId :
PB170165BL

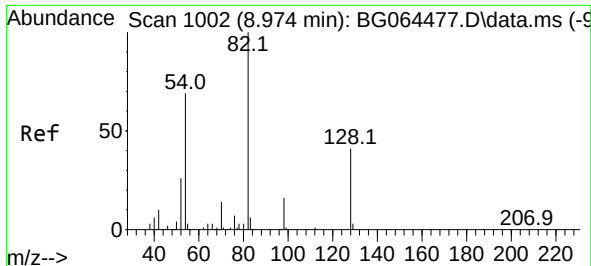
Tgt Ion: 99 Resp: 139419
Ion Ratio Lower Upper
99 100
42 28.3 22.9 34.3
71 51.6 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion: 136 Resp: 55177
Ion Ratio Lower Upper
136 100
137 10.8 8.3 12.5
54 9.2 6.2 9.4
68 3.5 3.0 4.4

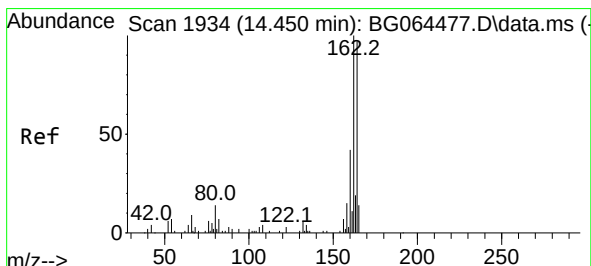
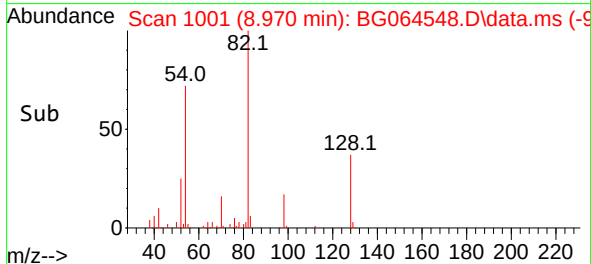
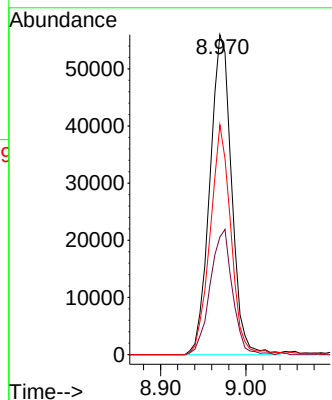
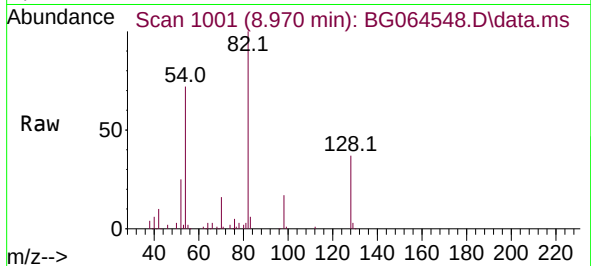




#23
Nitrobenzene-d5
Concen: 96.415 ng
RT: 8.970 min Scan# 1002
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

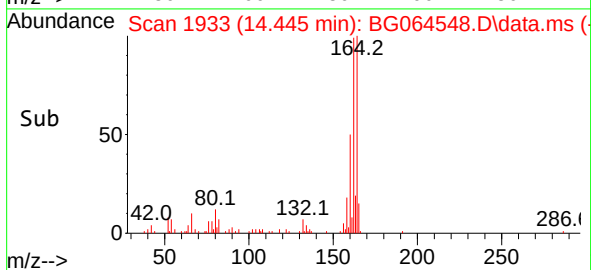
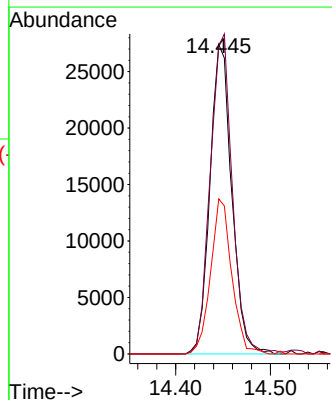
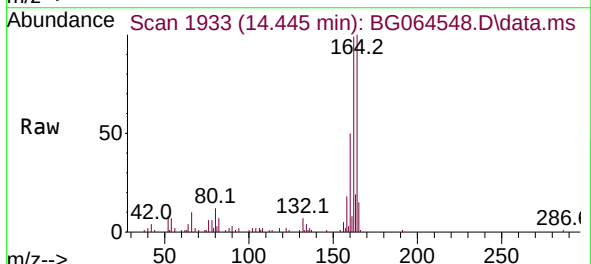
Instrument :
BNA_G
ClientSampleId :
PB170165BL

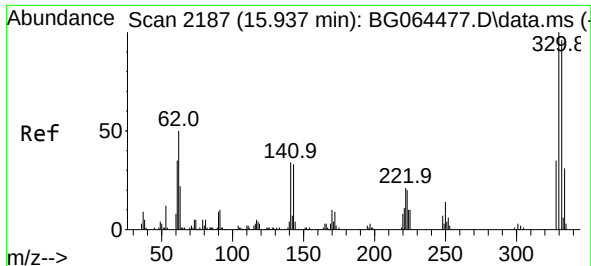
Tgt Ion: 82 Resp: 98938
Ion Ratio Lower Upper
82 100
128 36.7 33.1 49.7
54 71.8 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

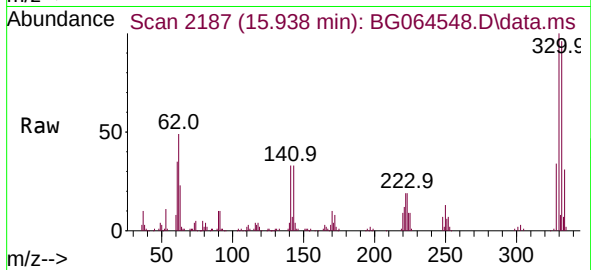
Tgt Ion:164 Resp: 43937
Ion Ratio Lower Upper
164 100
162 99.4 82.2 123.2
160 50.1 34.3 51.5



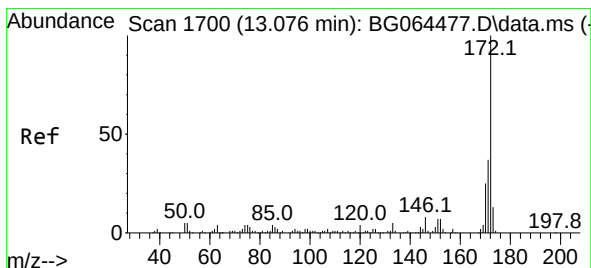
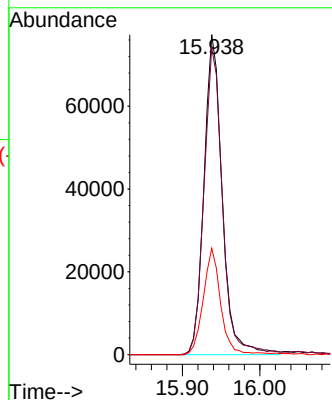
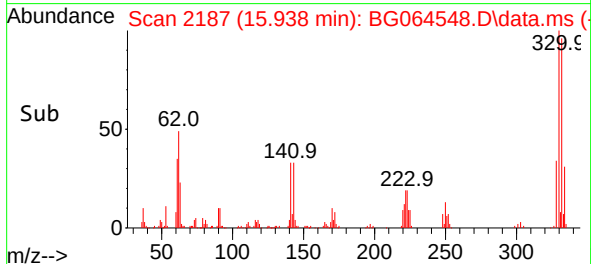


#42
2,4,6-Tribromophenol
Concen: 158.155 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

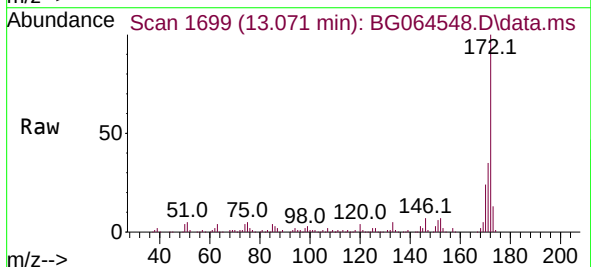
Instrument :
BNA_G
ClientSampleId :
PB170165BL



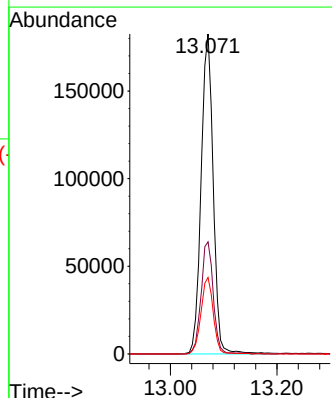
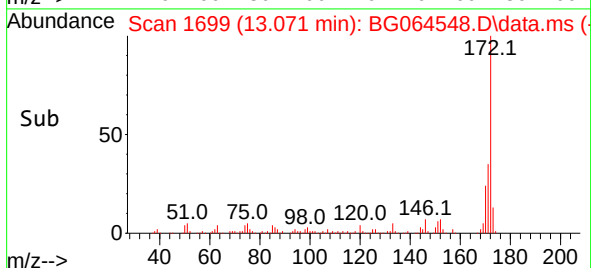
Tgt Ion:330 Resp: 125958
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 32.2 25.8 38.6

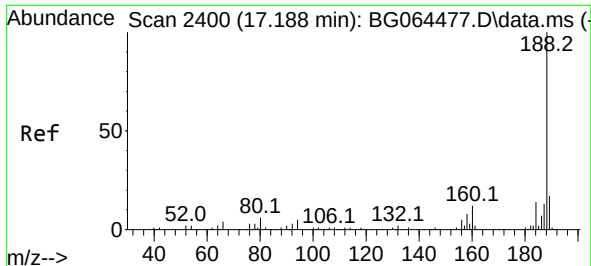


#45
2-Fluorobiphenyl
Concen: 96.184 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44



Tgt Ion:172 Resp: 286706
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.9 20.2 30.2

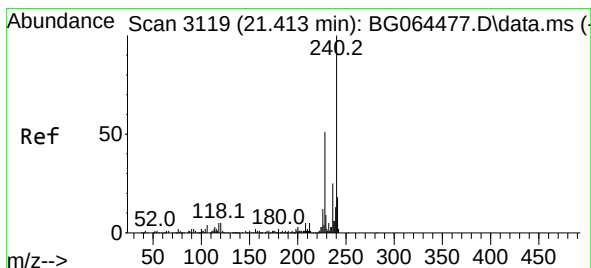
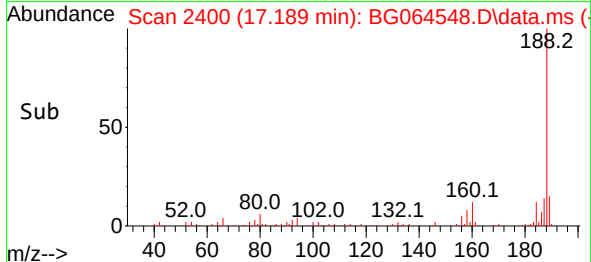
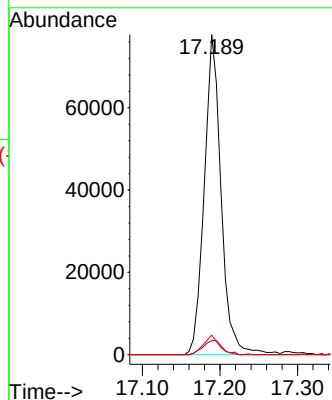
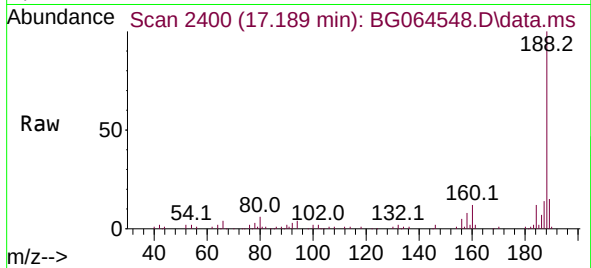




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

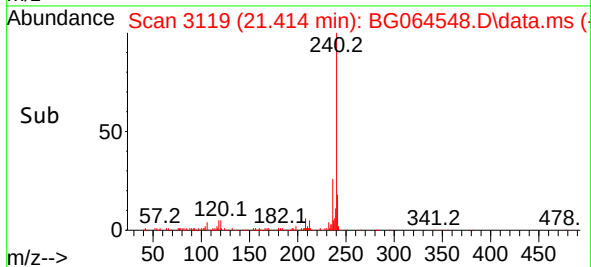
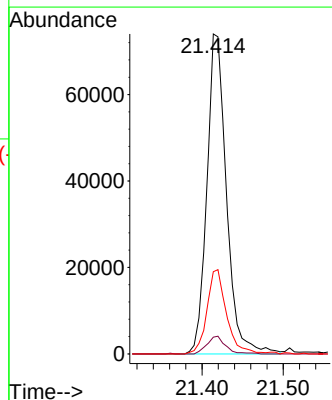
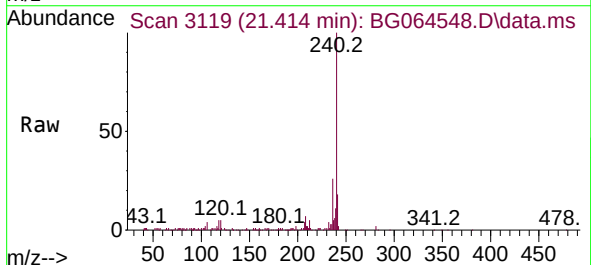
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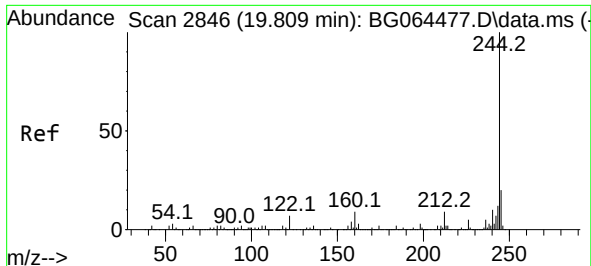
Tgt Ion:188 Resp: 117288
Ion Ratio Lower Upper
188 100
94 4.3 3.7 5.5
80 6.1 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:240 Resp: 124365
Ion Ratio Lower Upper
240 100
120 5.2 4.3 6.5
236 25.7 20.4 30.6

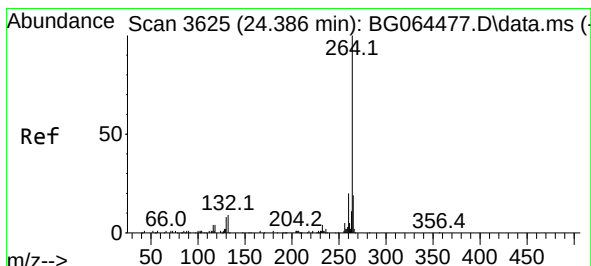
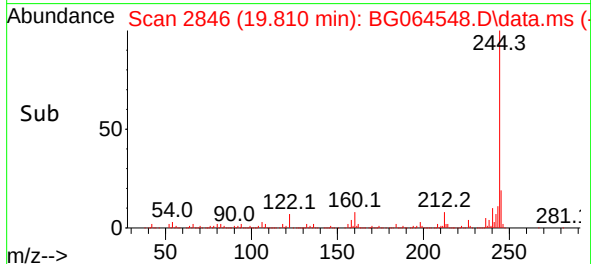
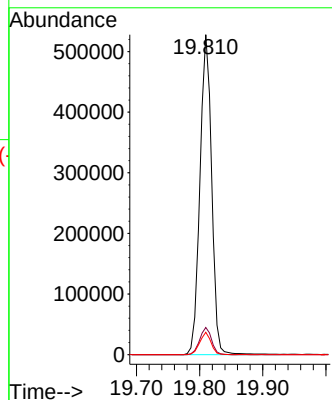
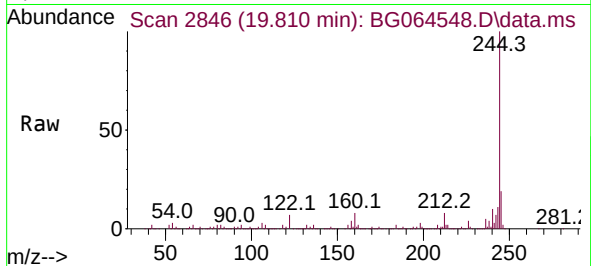




#79
 Terphenyl-d14
 Concen: 103.321 ng
 RT: 19.810 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064548.D
 Acq: 20 Oct 2025 13:44

Instrument :
 BNA_G
 ClientSampleId :
 PB170165BL

Tgt Ion:244 Resp: 678969
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.6
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.410 min Scan# 3629
 Delta R.T. 0.021 min
 Lab File: BG064548.D
 Acq: 20 Oct 2025 13:44

Tgt Ion:264 Resp: 134795
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.2 24.4
 265 19.1 15.0 22.4

