

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064611.D
 Acq On : 28 Oct 2025 21:18
 Operator : RC/JU
 Sample : Q3460-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Oct 29 00:59:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	42602	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	170529	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	137243	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	345627	20.000	ng	0.00
76) Chrysene-d12	21.848	240	296433	20.000	ng	-0.02
86) Perylene-d12	25.185	264	323885	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	201890	79.544	ng	0.00
7) Phenol-d6	7.347	99	267309	76.751	ng	0.00
23) Nitrobenzene-d5	9.380	82	157450	55.456	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	173367	87.522	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	457891	50.571	ng	0.00
79) Terphenyl-d14	20.161	244	893720	56.896	ng	-0.02

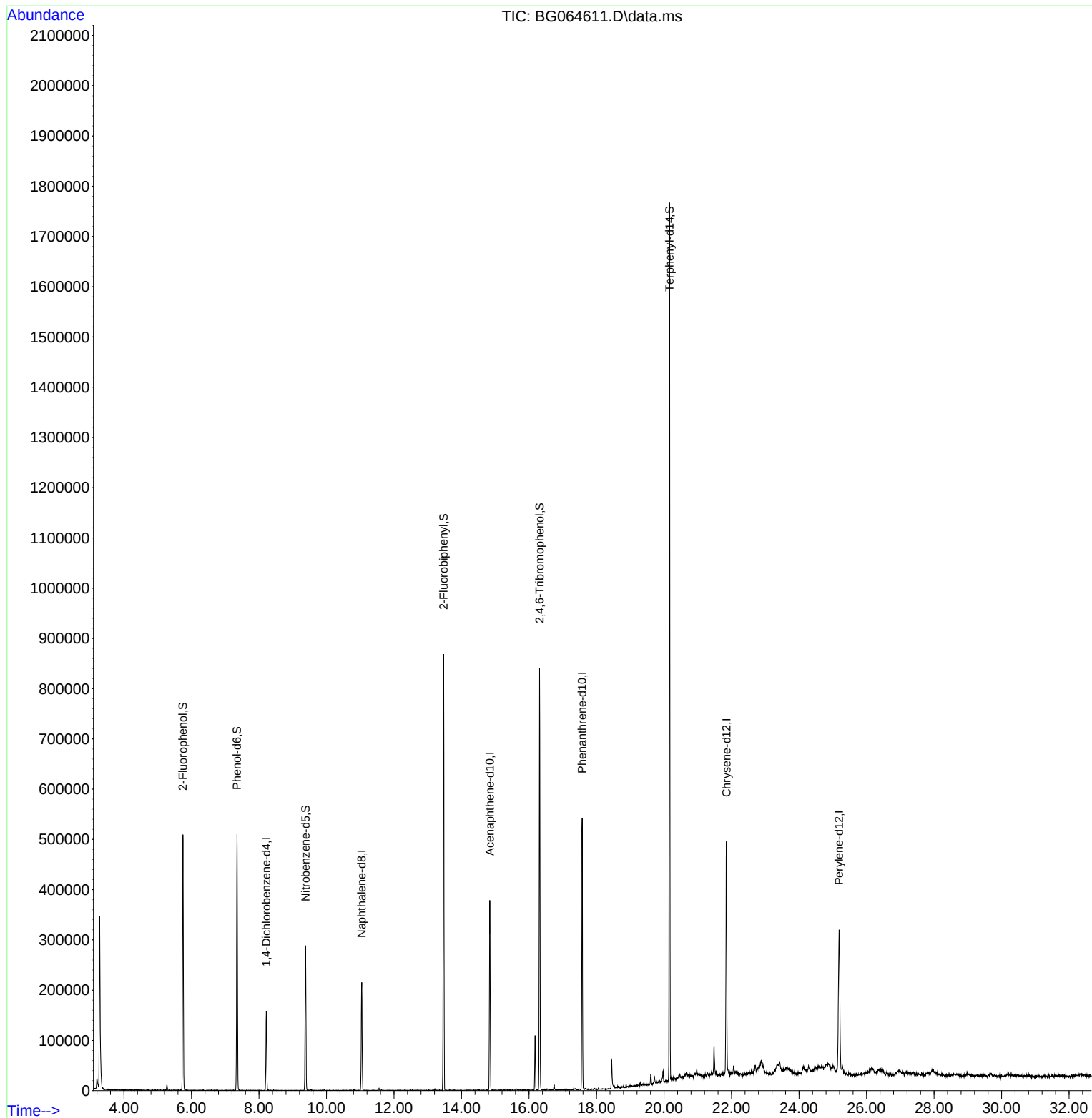
Target Compounds	Qvalue

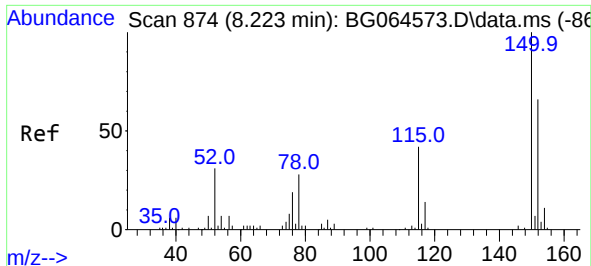
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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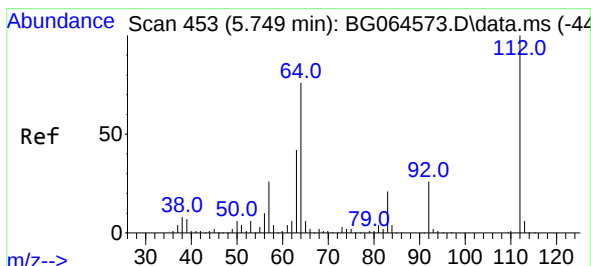
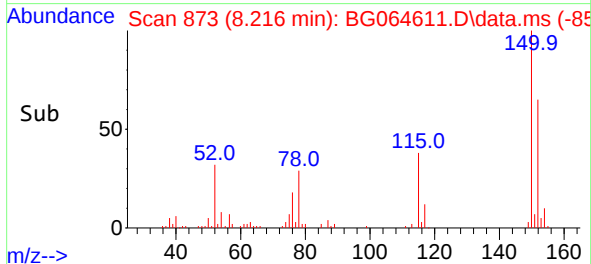
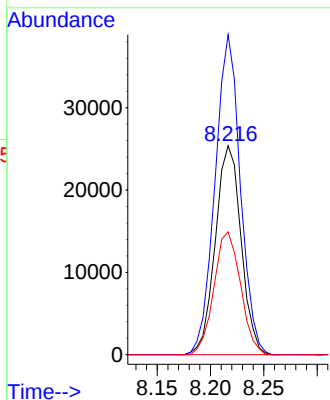
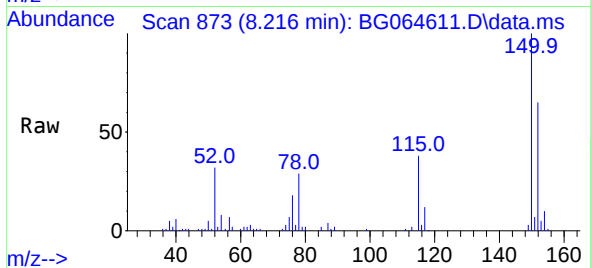




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

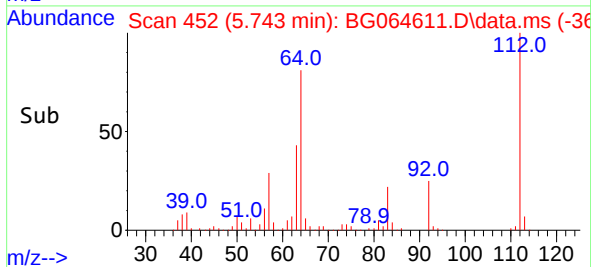
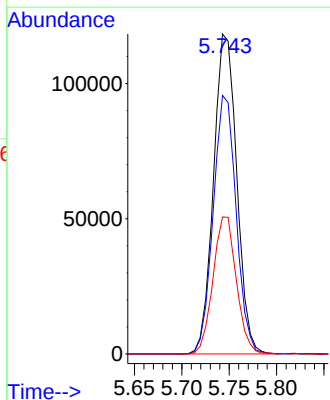
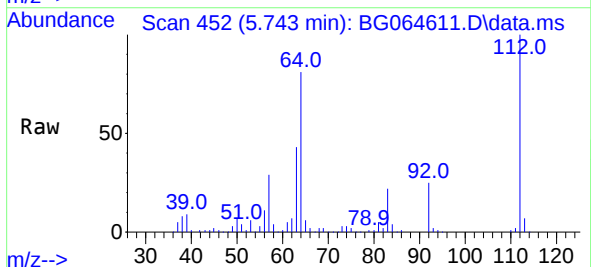
Instrument :
BNA_G
ClientSampleId :
WC-2

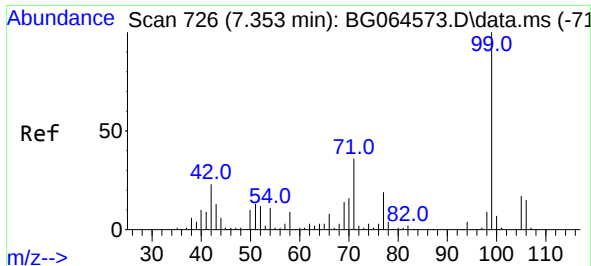
Tgt Ion:152 Resp: 42602
Ion Ratio Lower Upper
152 100
150 153.2 122.2 183.4
115 58.8 50.8 76.2



#5
2-Fluorophenol
Concen: 79.544 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.004 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Tgt Ion:112 Resp: 201890
Ion Ratio Lower Upper
112 100
64 80.8 60.7 91.1
63 42.8 33.4 50.0

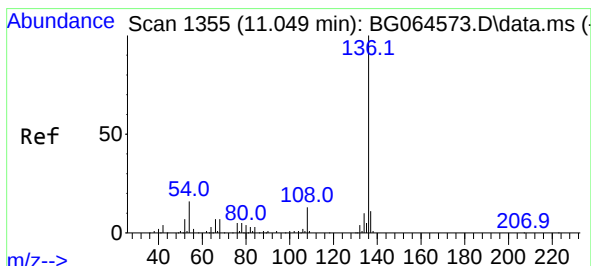
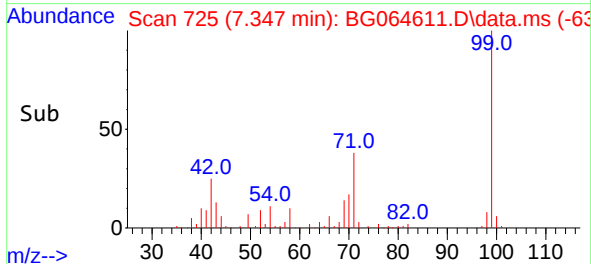
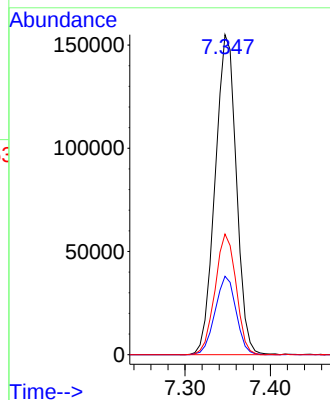
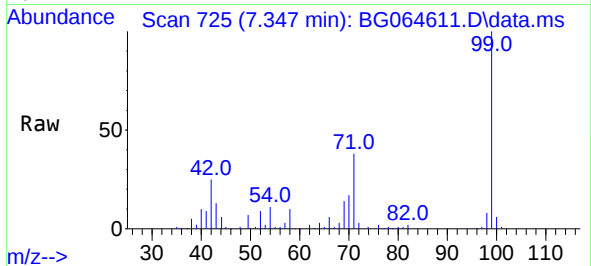




#7
Phenol-d6
Concen: 76.751 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

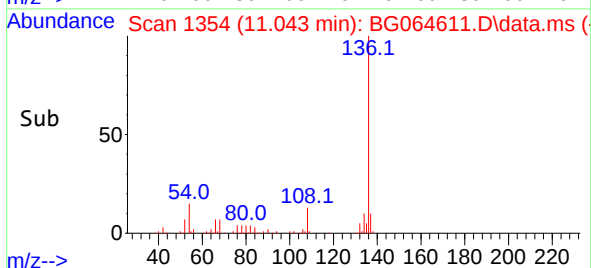
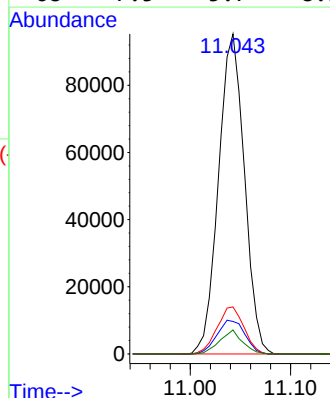
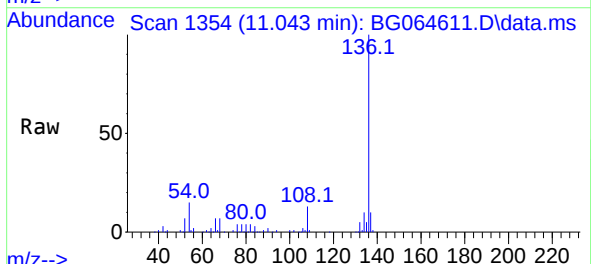
Instrument :
BNA_G
ClientSampleId :
WC-2

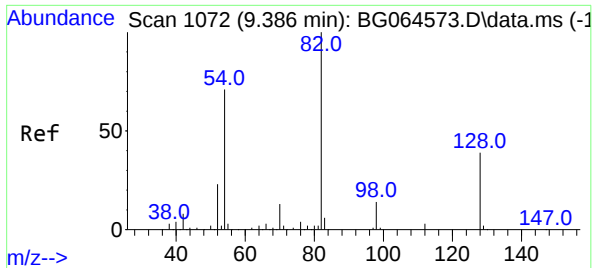
Tgt Ion: 99 Resp: 267309
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 37.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Tgt Ion:136 Resp: 170529
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 14.7 12.6 19.0
68 7.5 5.7 8.5

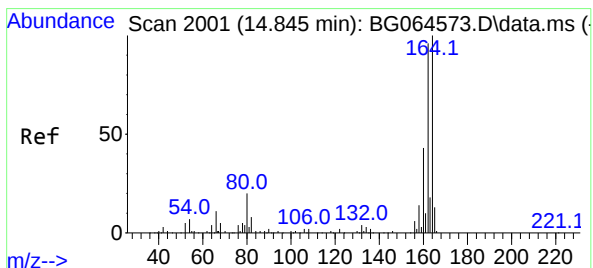
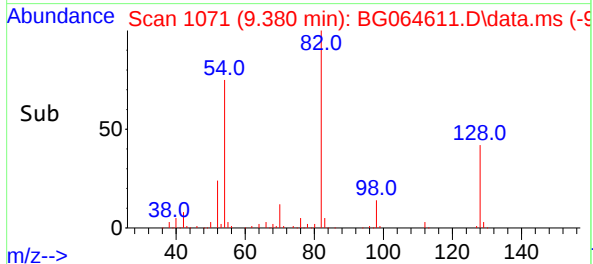
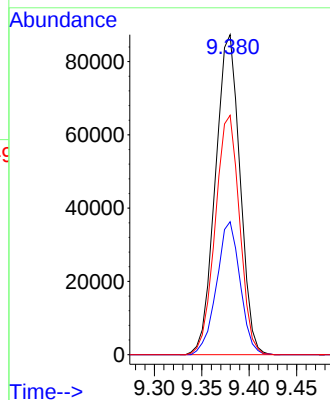
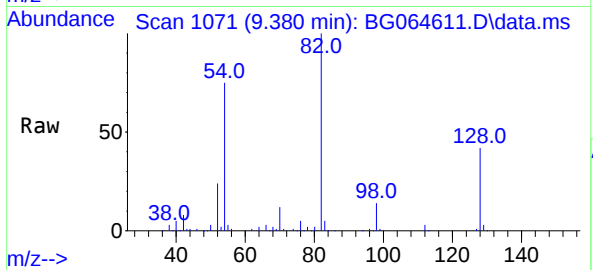




#23
Nitrobenzene-d5
Concen: 55.456 ng
RT: 9.380 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

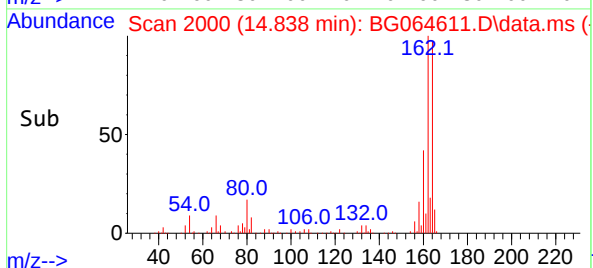
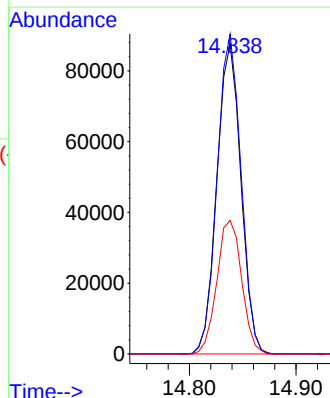
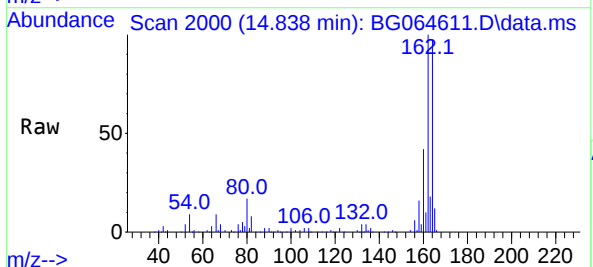
Instrument :
BNA_G
ClientSampleId :
WC-2

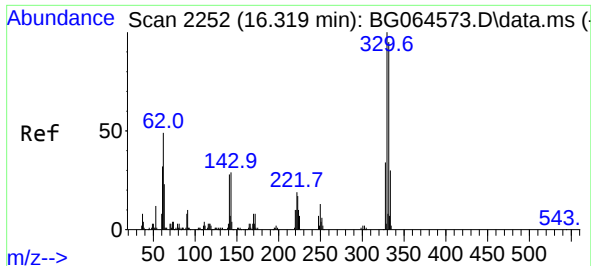
Tgt Ion: 82 Resp: 157450
Ion Ratio Lower Upper
82 100
128 41.5 31.3 46.9
54 74.8 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Tgt Ion:164 Resp: 137243
Ion Ratio Lower Upper
164 100
162 103.2 77.0 115.6
160 43.1 34.4 51.6

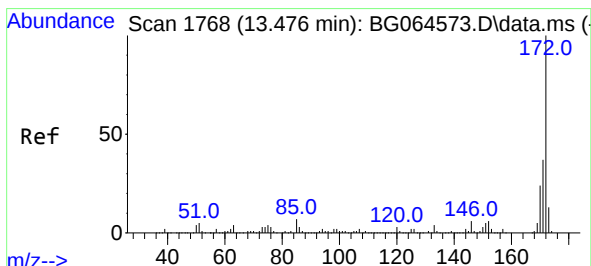
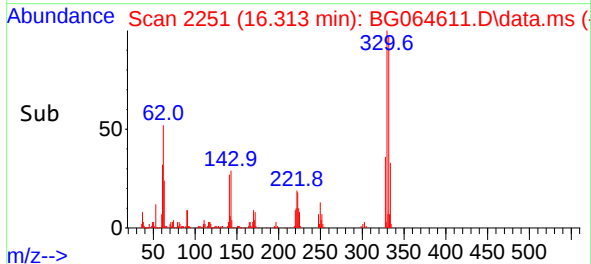
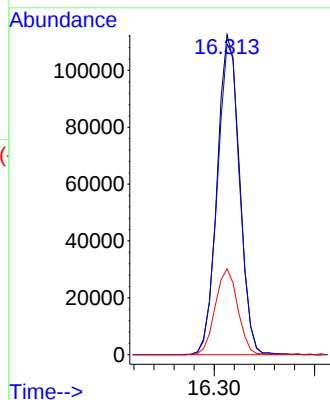
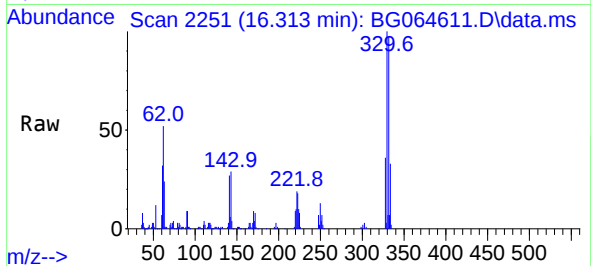




#42
2,4,6-Tribromophenol
Concen: 87.522 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

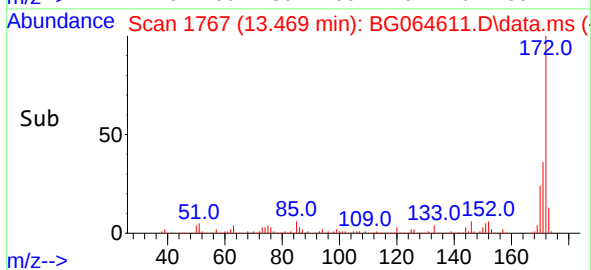
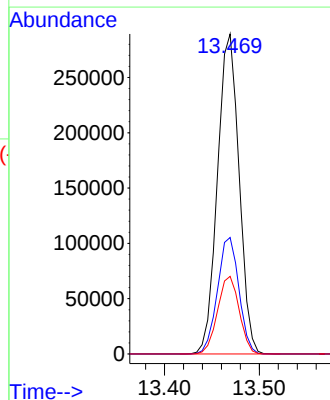
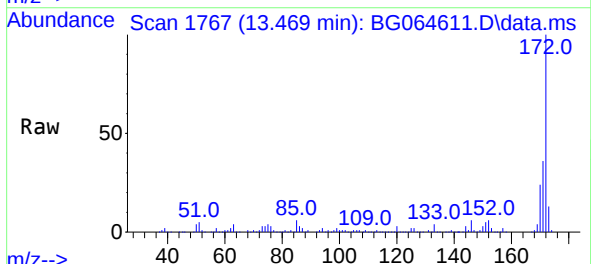
Instrument :
BNA_G
ClientSampleId :
WC-2

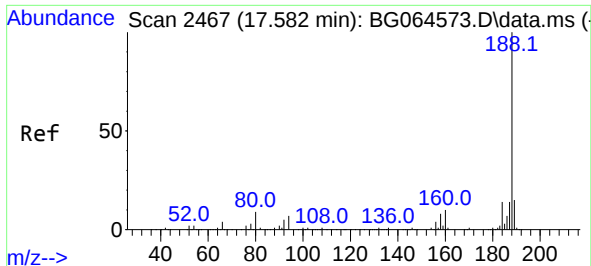
Tgt Ion:330 Resp: 173367
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 27.1 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 50.571 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Tgt Ion:172 Resp: 457891
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.3 19.1 28.7

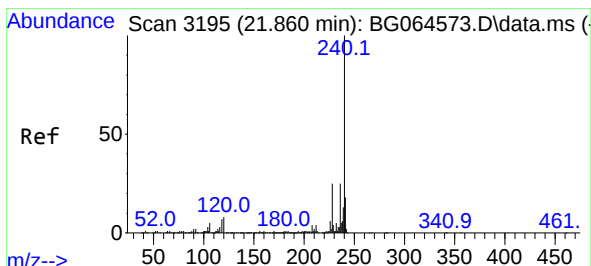
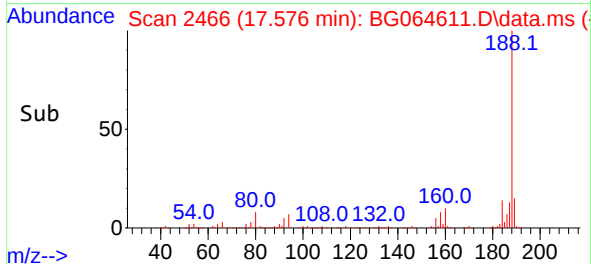
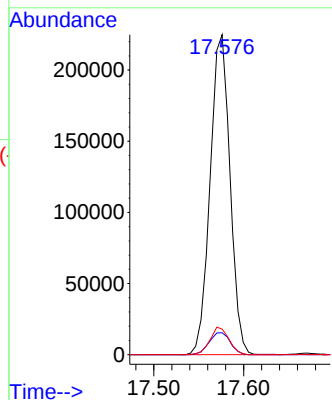
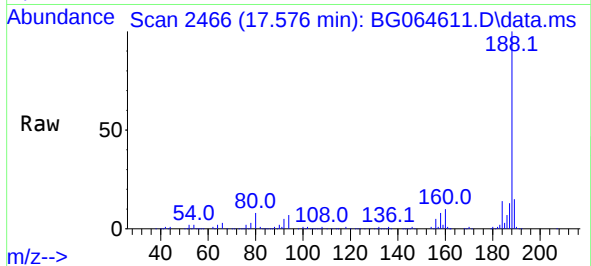




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

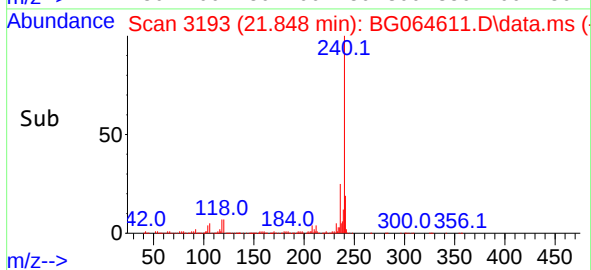
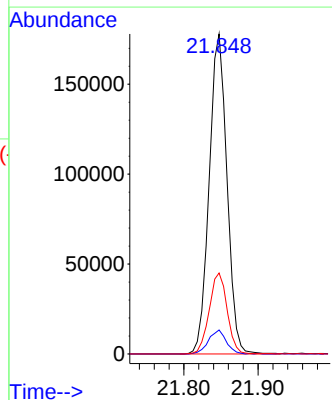
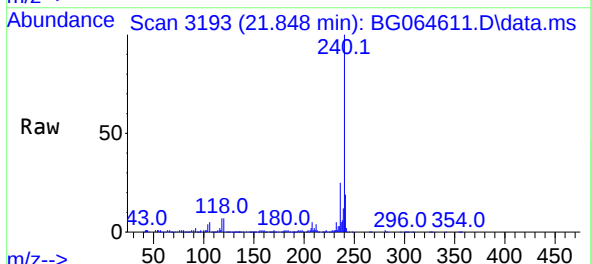
Instrument :
BNA_G
ClientSampleId :
WC-2

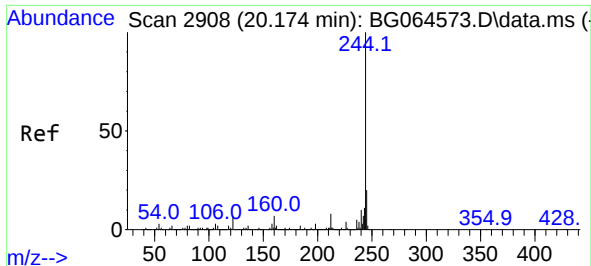
Tgt Ion:188 Resp: 345627
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Tgt Ion:240 Resp: 296433
Ion Ratio Lower Upper
240 100
120 7.5 6.5 9.7
236 25.3 20.2 30.2

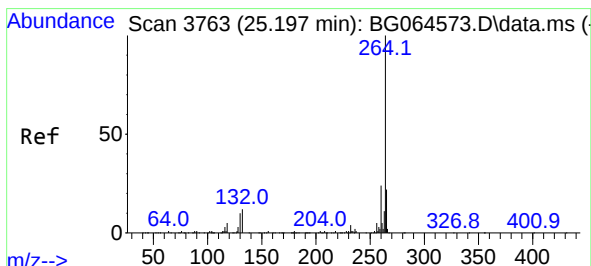
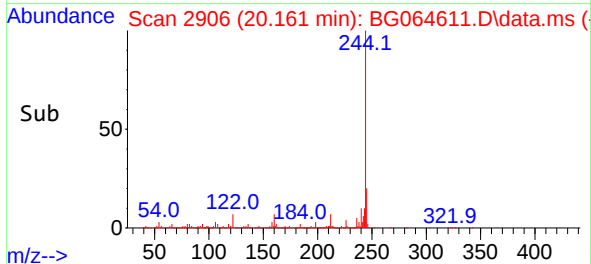
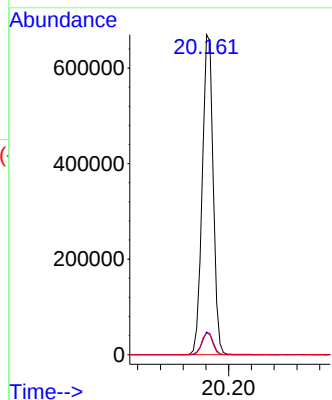
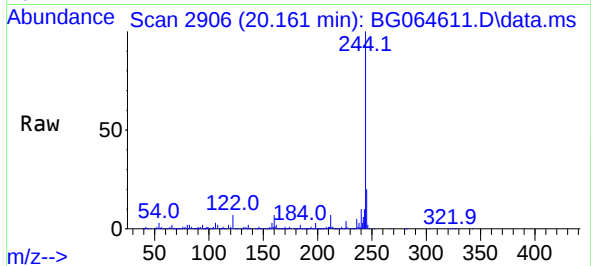




#79
Terphenyl-d14
Concen: 56.896 ng
RT: 20.161 min Scan# 2906
Delta R.T. -0.016 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:244 Resp: 893720
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 6.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.185 min Scan# 3761
Delta R.T. -0.016 min
Lab File: BG064611.D
Acq: 28 Oct 2025 21:18

Tgt Ion:264 Resp: 323885
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 22.9 17.6 26.4

