

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
 Data File : BG064840.D
 Acq On : 21 Nov 2025 11:30
 Operator : RC/JU
 Sample : PB170618BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170618BL

Quant Time: Nov 21 12:05:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	44214	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	168968	20.000	ng	0.00
39) Acenaphthene-d10	14.769	164	140182	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	358378	20.000	ng	0.00
76) Chrysene-d12	21.749	240	452051	20.000	ng	0.00
86) Perylene-d12	25.004	264	434055	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	327061	129.172	ng	0.00
7) Phenol-d6	7.307	99	414561	123.101	ng	0.00
23) Nitrobenzene-d5	9.322	82	248626	72.752	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	325538	119.071	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	761837	75.832	ng	0.00
79) Terphenyl-d14	20.086	244	1935338	84.216	ng	0.00

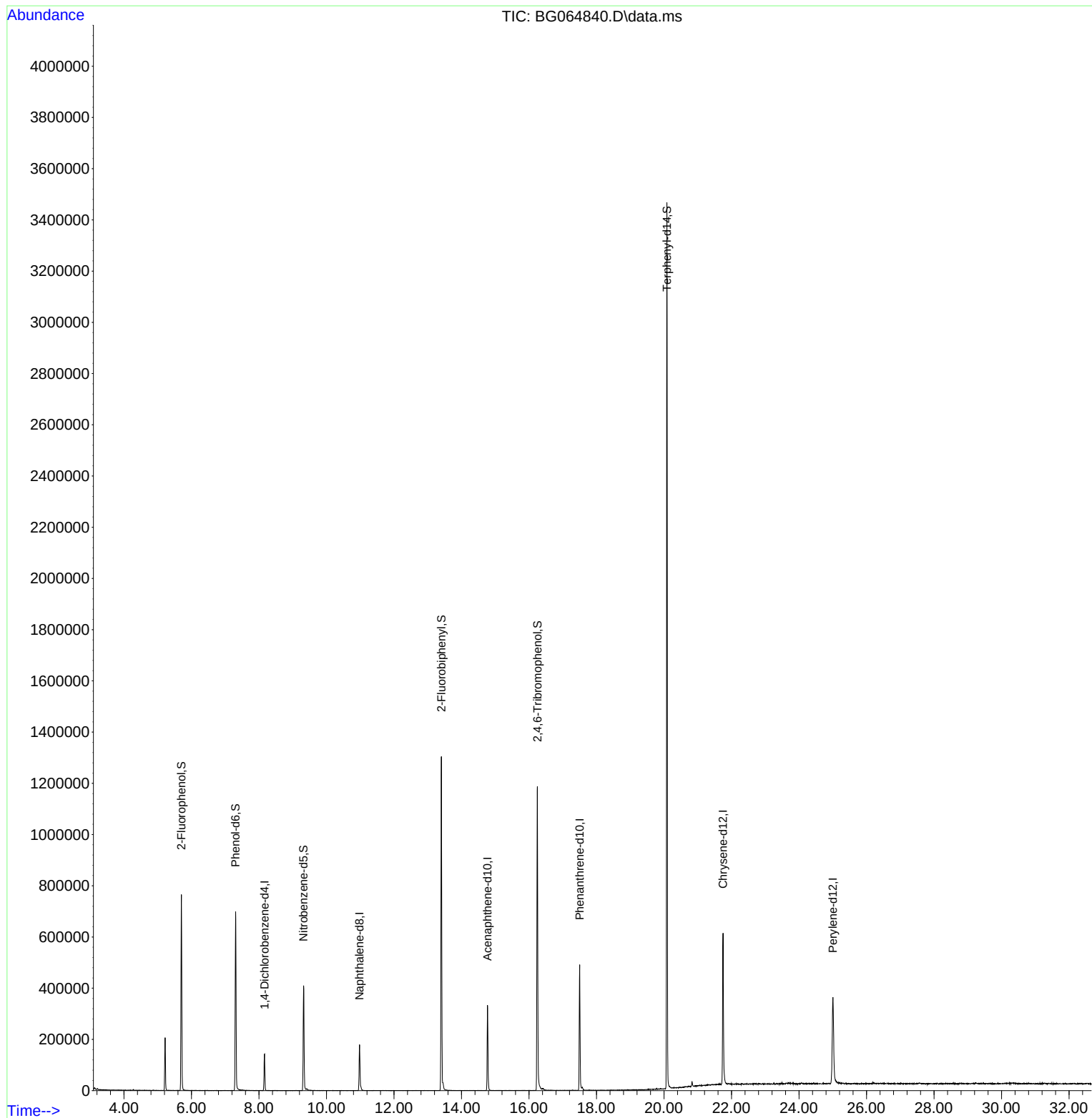
Target Compounds	Qvalue

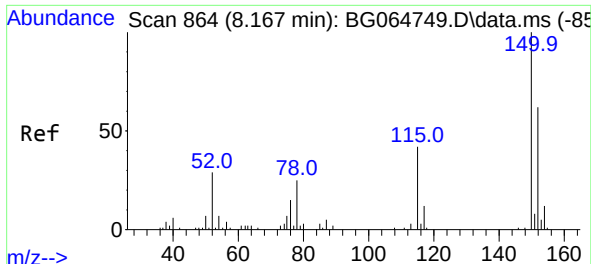
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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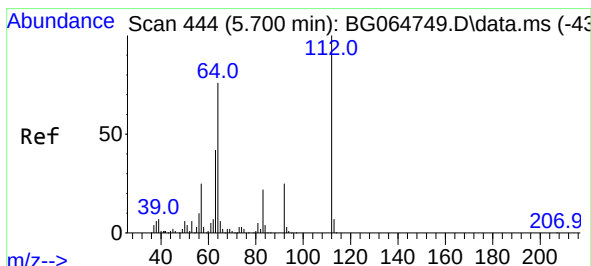
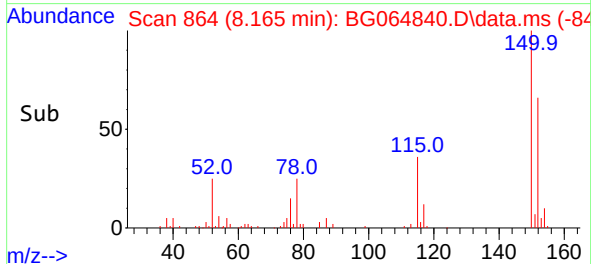
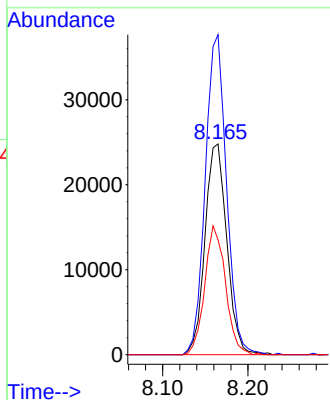
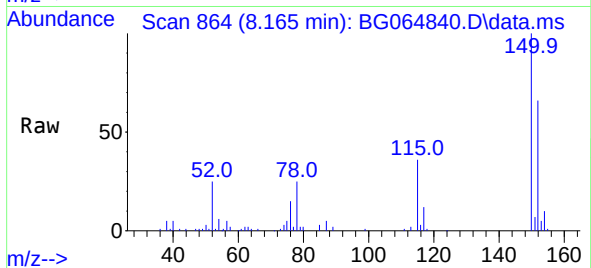




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

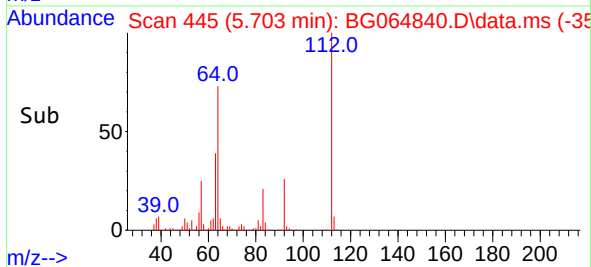
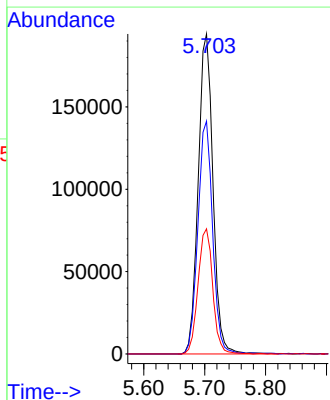
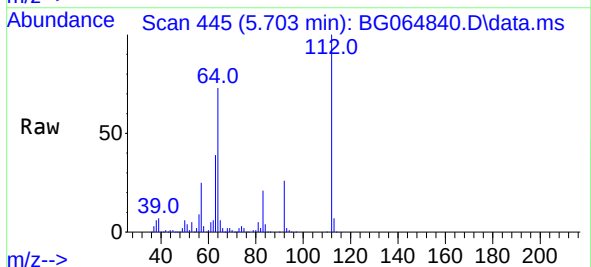
Instrument :
BNA_G
ClientSampleId :
PB170618BL

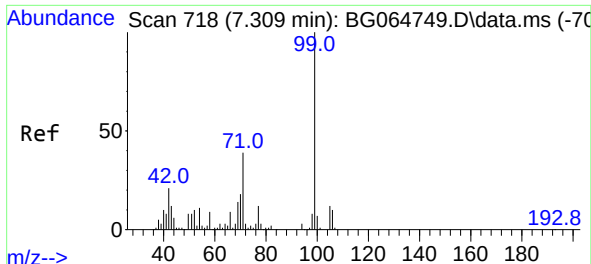
Tgt Ion:152 Resp: 44214
Ion Ratio Lower Upper
152 100
150 151.9 129.2 193.8
115 54.5 53.7 80.5



#5
2-Fluorophenol
Concen: 129.172 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.004 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

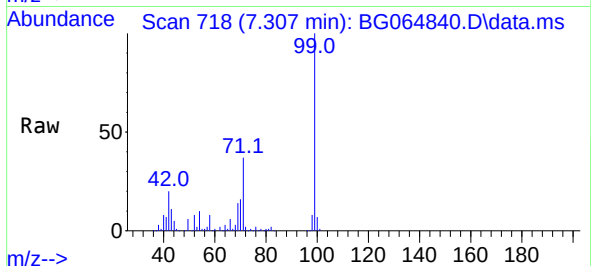
Tgt Ion:112 Resp: 327061
Ion Ratio Lower Upper
112 100
64 72.8 61.0 91.4
63 39.1 33.3 49.9



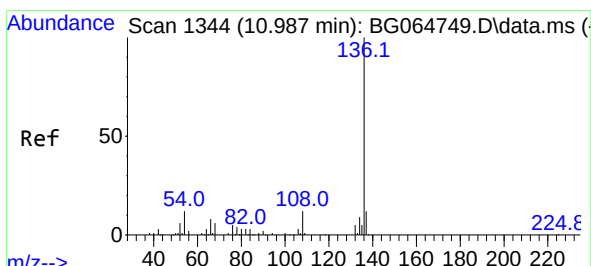
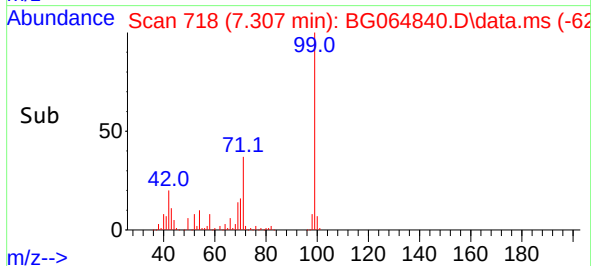
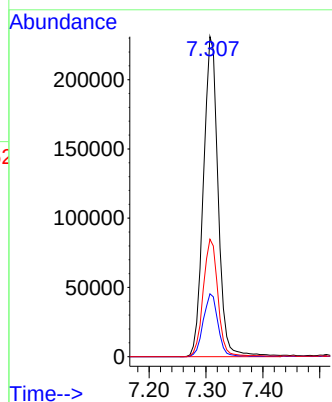


#7
Phenol-d6
Concen: 123.101 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

Instrument :
BNA_G
ClientSampleId :
PB170618BL

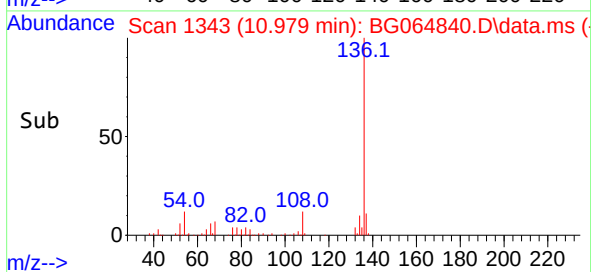
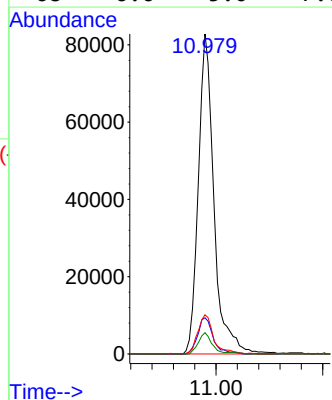
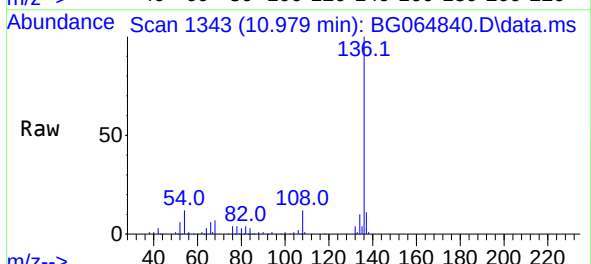


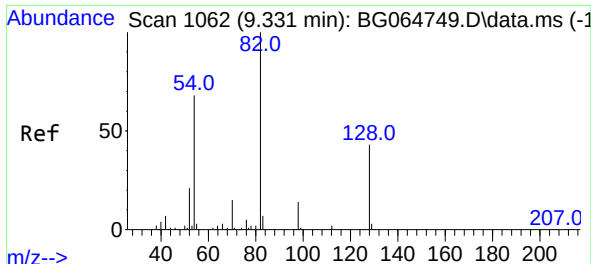
Tgt Ion: 99 Resp: 414561
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

Tgt Ion:136 Resp: 168968
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 12.3 9.3 13.9
68 6.6 5.0 7.6

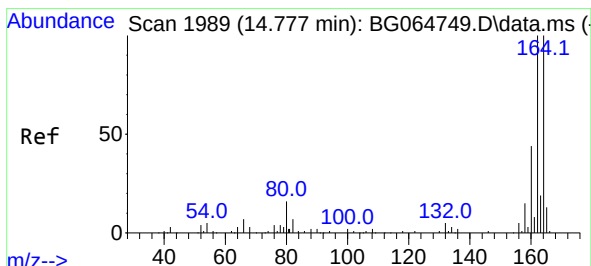
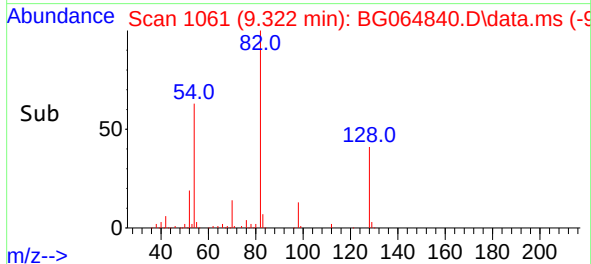
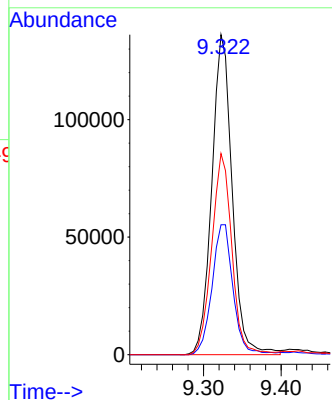
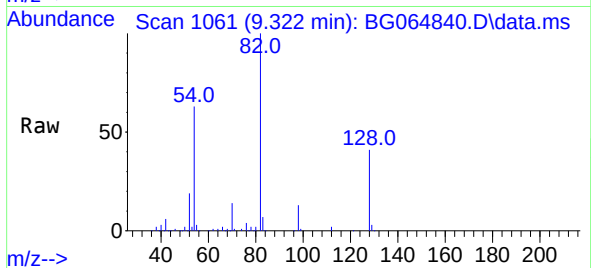




#23
Nitrobenzene-d5
Concen: 72.752 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

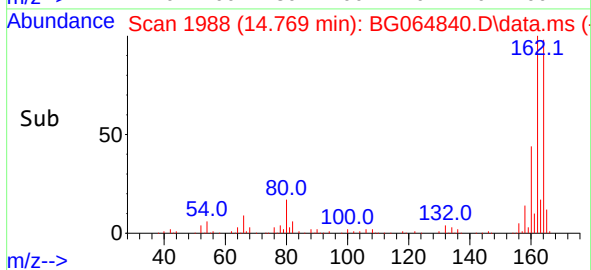
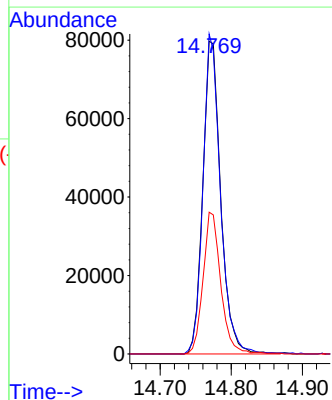
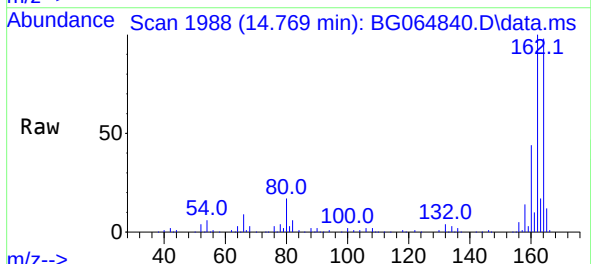
Instrument :
BNA_G
ClientSampleId :
PB170618BL

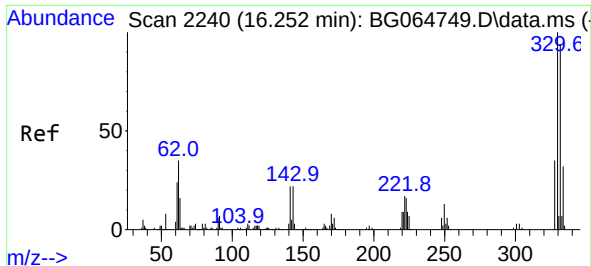
Tgt Ion: 82 Resp: 248626
Ion Ratio Lower Upper
82 100
128 40.6 34.1 51.1
54 62.8 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.008 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

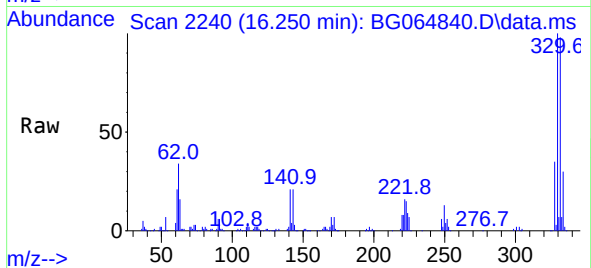
Tgt Ion:164 Resp: 140182
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.6
160 45.3 34.9 52.3



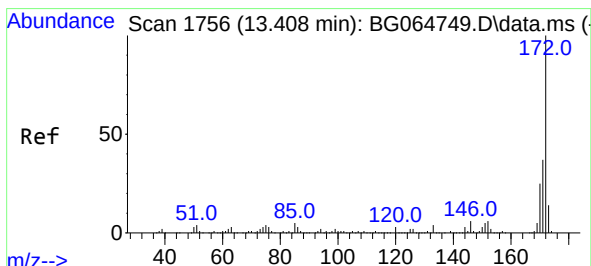
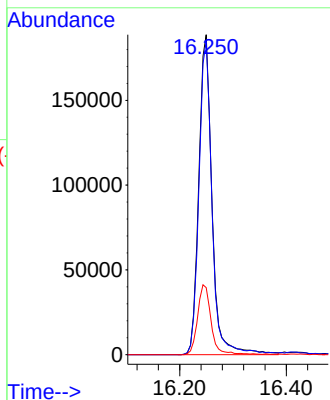
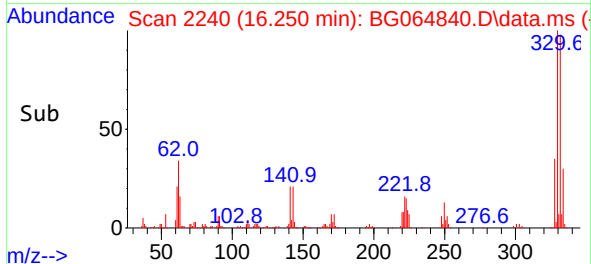


#42
2,4,6-Tribromophenol
Concen: 119.071 ng
RT: 16.250 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

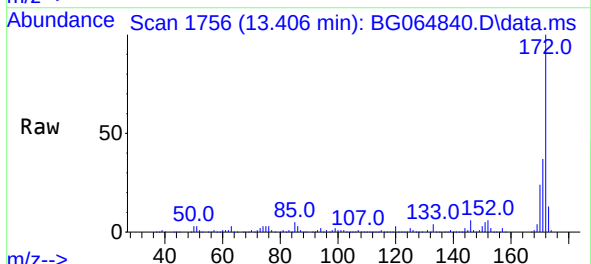
Instrument :
BNA_G
ClientSampleId :
PB170618BL



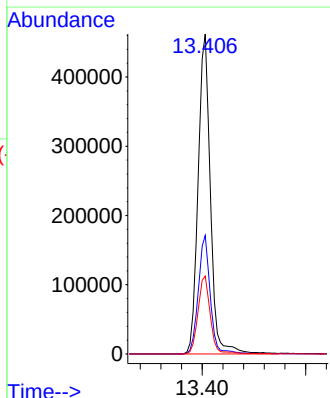
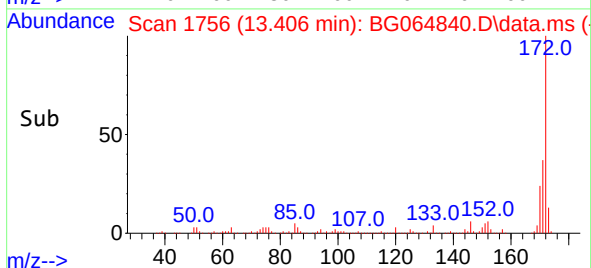
Tgt Ion:330 Resp: 325538
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 22.3 18.2 27.2

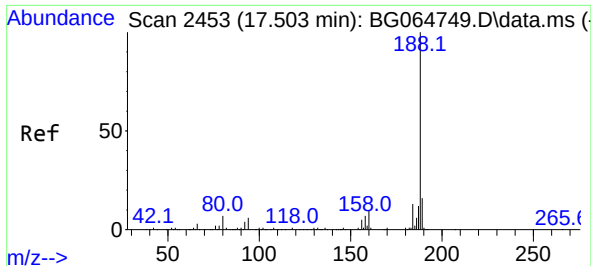


#45
2-Fluorobiphenyl
Concen: 75.832 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30



Tgt Ion:172 Resp: 761837
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.4 19.8 29.6

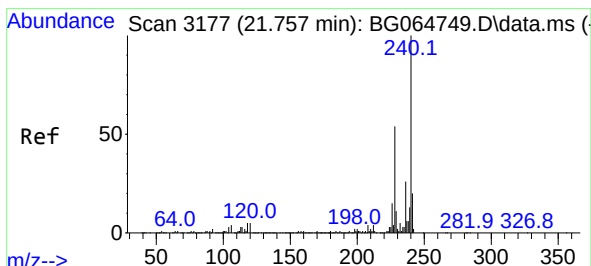
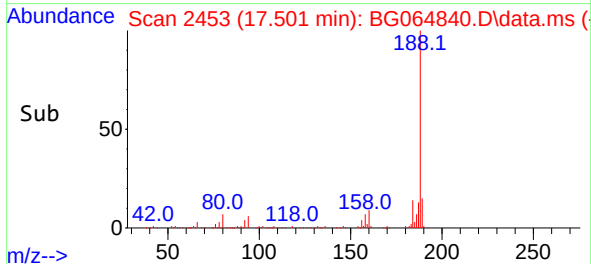
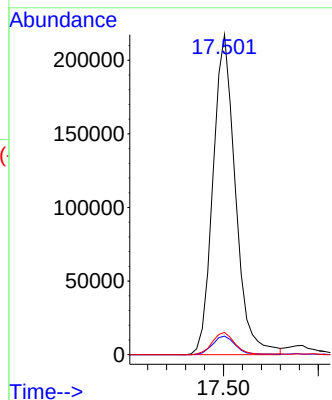
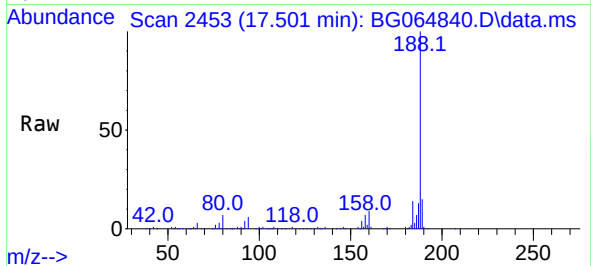




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

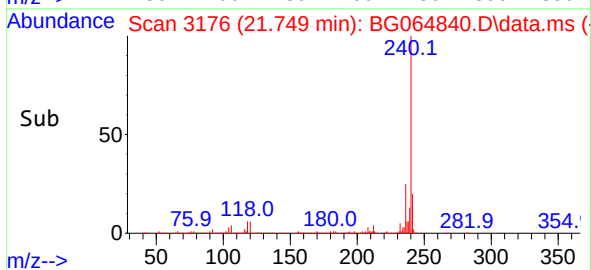
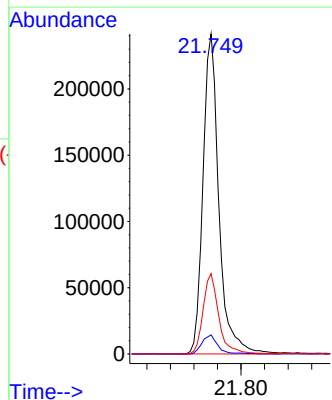
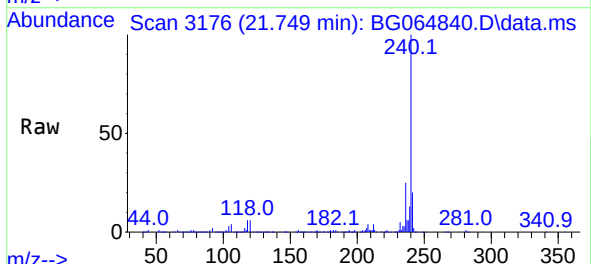
Instrument :
BNA_G
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PB170618BL

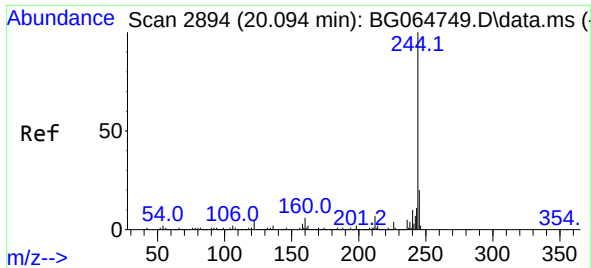
Tgt Ion:188 Resp: 358378
Ion Ratio Lower Upper
188 100
94 5.8 4.7 7.1
80 7.0 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

Tgt Ion:240 Resp: 452051
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.4
236 25.1 20.8 31.2

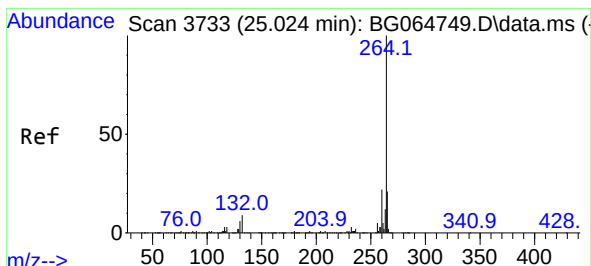
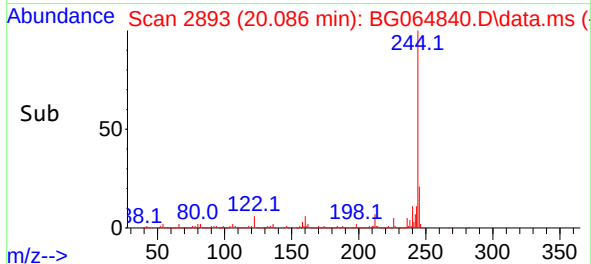
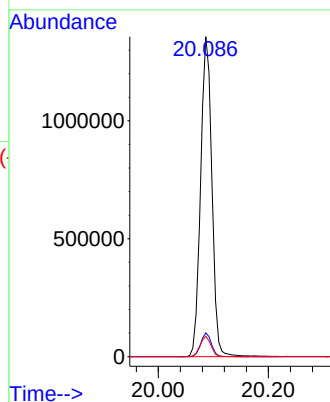
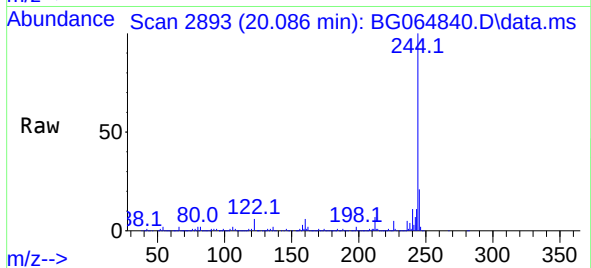




#79
Terphenyl-d14
Concen: 84.216 ng
RT: 20.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

Instrument :
BNA_G
ClientSampleId :
PB170618BL

Tgt Ion:244 Resp: 1935338
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 6.4 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3730
Delta R.T. -0.020 min
Lab File: BG064840.D
Acq: 21 Nov 2025 11:30

Tgt Ion:264 Resp: 434055
Ion Ratio Lower Upper
264 100
260 24.8 17.2 25.8
265 21.3 16.6 25.0

