

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064785.D
 Acq On : 17 Nov 2025 15:18
 Operator : RC/JU
 Sample : PB170586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170586BL

Quant Time: Nov 17 15:57:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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	8.154	152	36450	20.000	ng	-0.01
21) Naphthalene-d8	10.980	136	134745	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	111410	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	272371	20.000	ng	0.00
76) Chrysene-d12	21.756	240	388861	20.000	ng	0.00
86) Perylene-d12	25.017	264	410082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	269943	129.322	ng	0.00
7) Phenol-d6	7.302	99	356601	128.445	ng	0.00
23) Nitrobenzene-d5	9.317	82	222191	81.530	ng	-0.01
42) 2,4,6-Tribromophenol	16.250	330	260154	119.730	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	637152	79.799	ng	0.00
79) Terphenyl-d14	20.093	244	1708035	86.403	ng	0.00

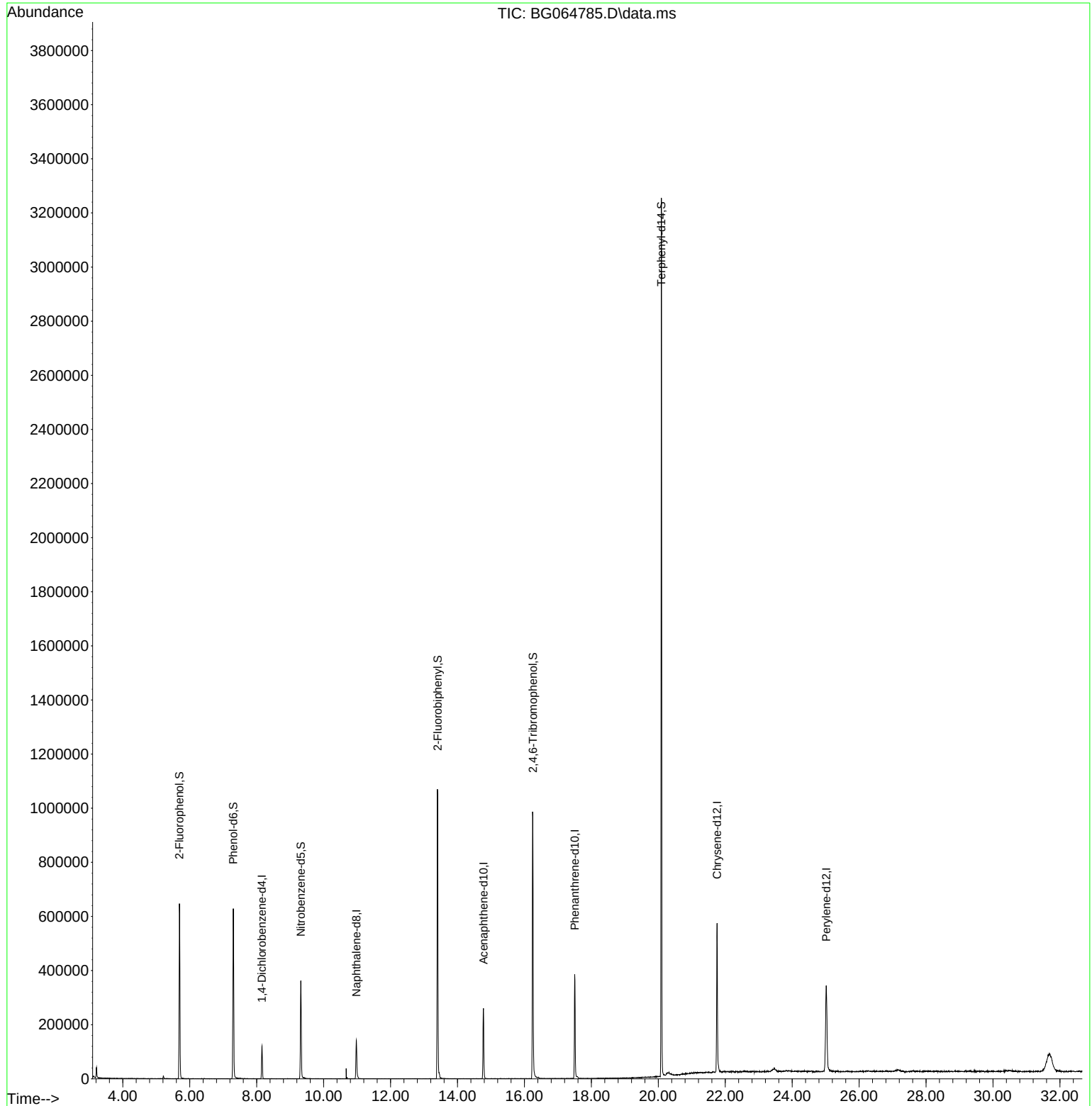
Target Compounds	Qvalue

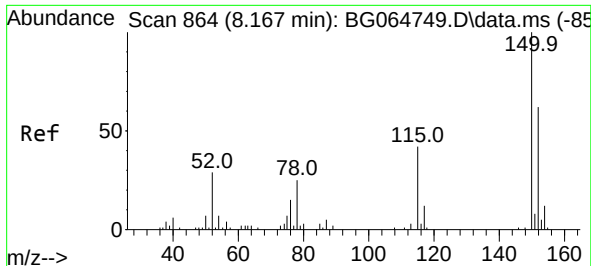
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 12 17:10:56 2025
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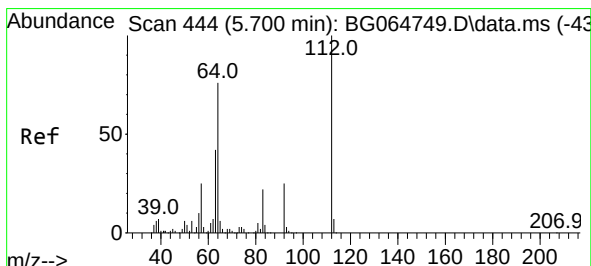
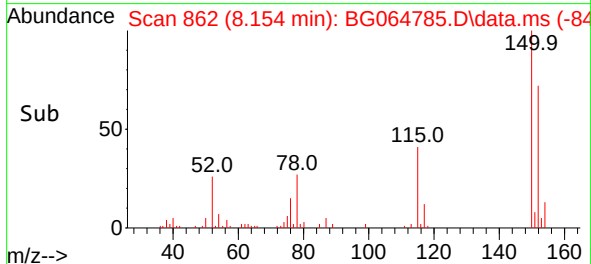
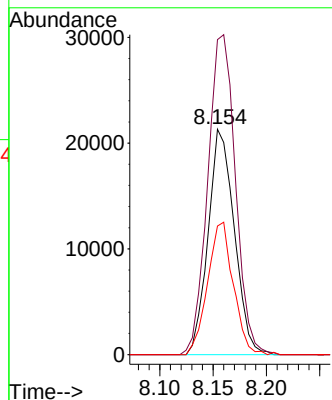
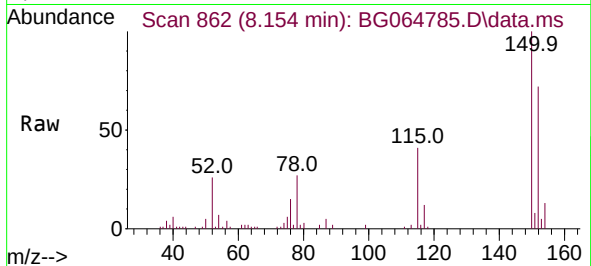




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 864
Delta R.T. -0.013 min
Lab File: BG064785.D
Acq: 17 Nov 2025 15:18

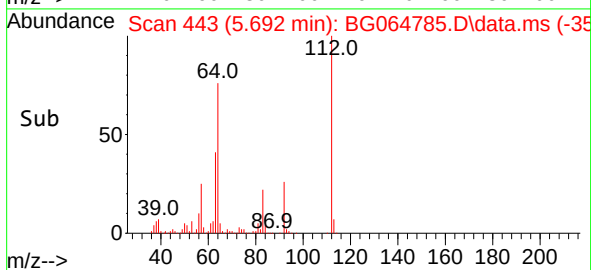
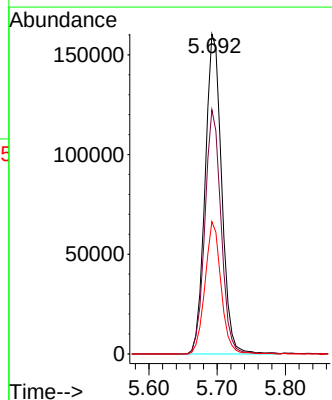
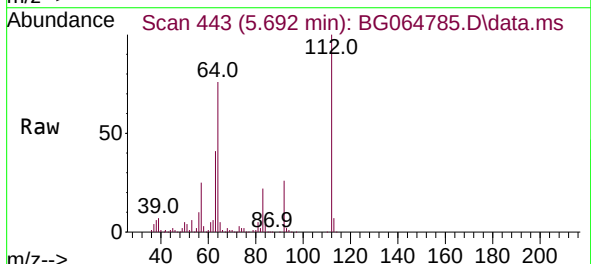
Instrument :
BNA_G
ClientSampleId :
PB170586BL

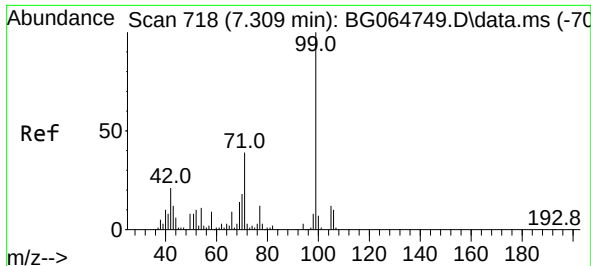
Tgt Ion:152 Resp: 36450
Ion Ratio Lower Upper
152 100
150 139.7 129.2 193.8
115 57.0 53.7 80.5



#5
2-Fluorophenol
Concen: 129.322 ng
RT: 5.692 min Scan# 443
Delta R.T. -0.007 min
Lab File: BG064785.D
Acq: 17 Nov 2025 15:18

Tgt Ion:112 Resp: 269943
Ion Ratio Lower Upper
112 100
64 76.3 61.0 91.4
63 41.3 33.3 49.9

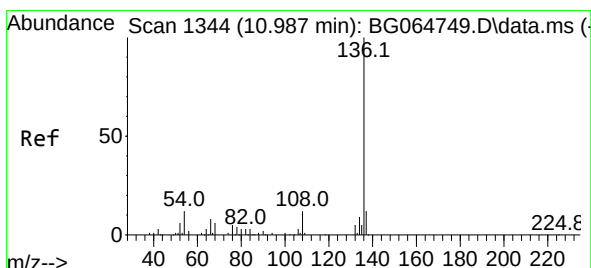
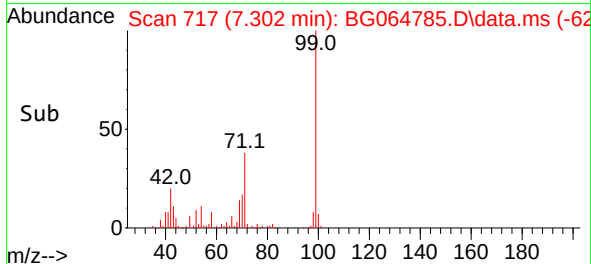
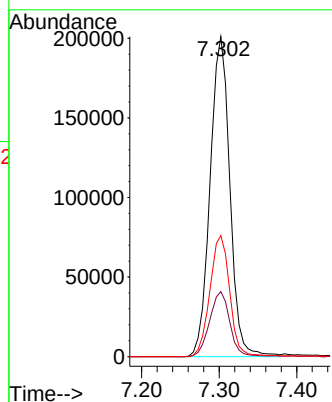
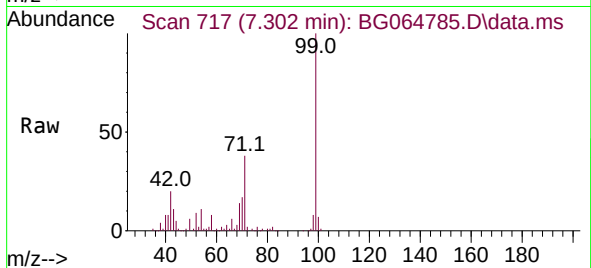




#7
Phenol-d6
Concen: 128.445 ng
RT: 7.302 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064785.D
Acq: 17 Nov 2025 15:18

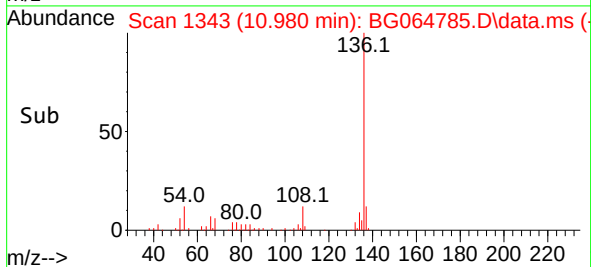
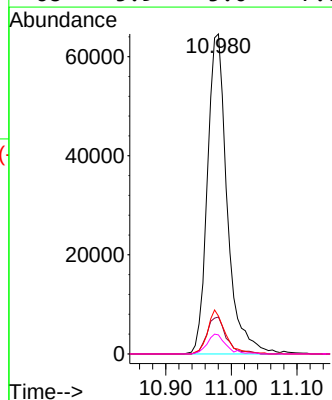
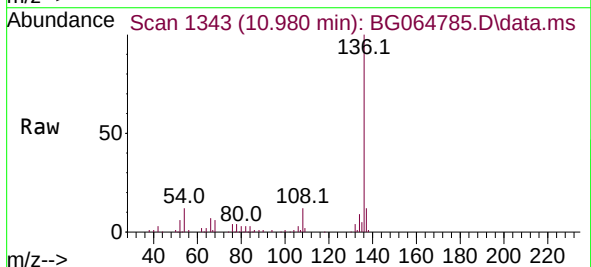
Instrument :
BNA_G
ClientSampleId :
PB170586BL

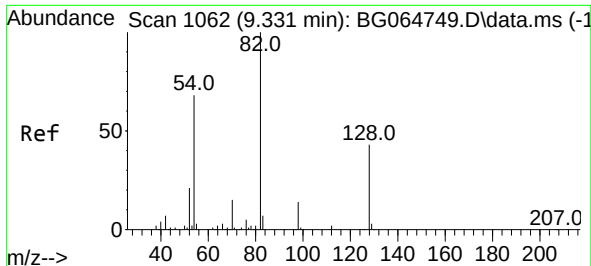
Tgt Ion: 99 Resp: 356601
Ion Ratio Lower Upper
99 100
42 20.3 16.8 25.2
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064785.D
Acq: 17 Nov 2025 15:18

Tgt Ion: 136 Resp: 134745
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 11.8 9.3 13.9
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 81.530 ng

RT: 9.317 min Scan# 1062

Delta R.T. -0.013 min

Lab File: BG064785.D

Acq: 17 Nov 2025 15:18

Instrument :

BNA_G

ClientSampleId :

PB170586BL

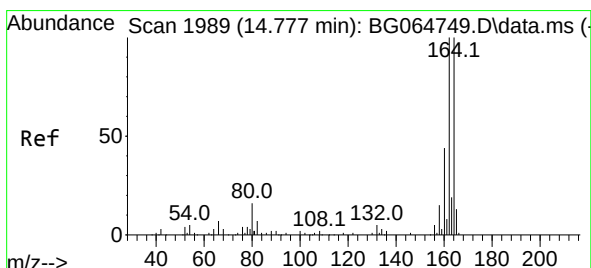
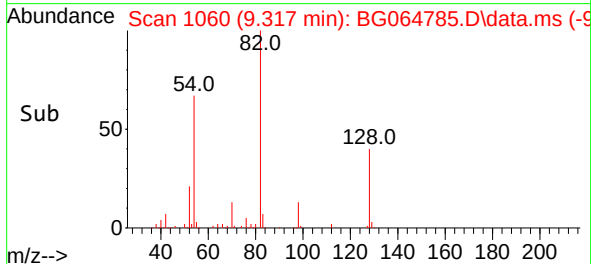
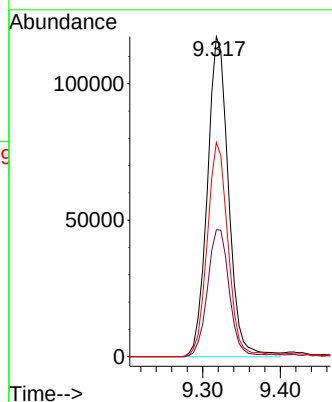
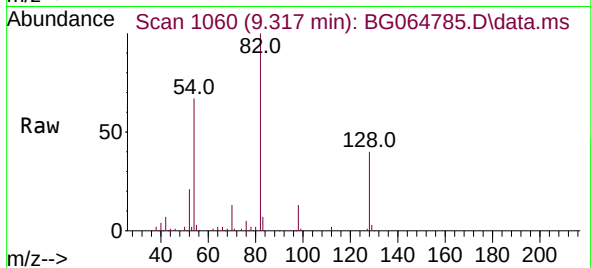
Tgt Ion: 82 Resp: 222191

Ion Ratio Lower Upper

82 100

128 39.6 34.1 51.1

54 67.0 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.776 min Scan# 1989

Delta R.T. -0.001 min

Lab File: BG064785.D

Acq: 17 Nov 2025 15:18

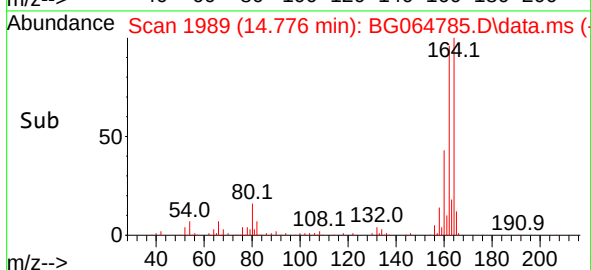
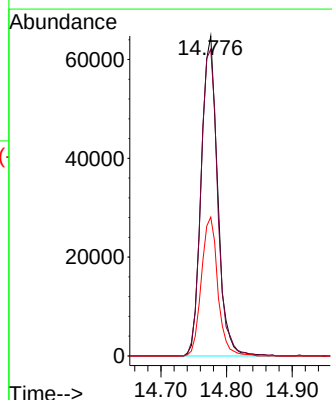
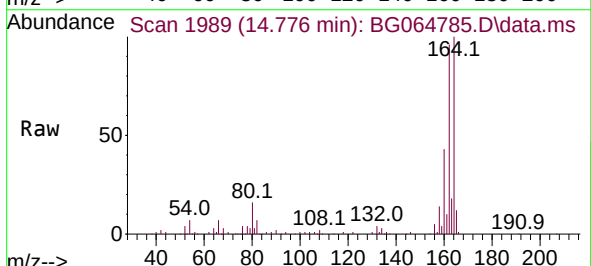
Tgt Ion: 164 Resp: 111410

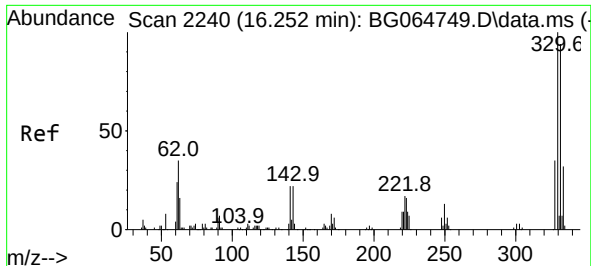
Ion Ratio Lower Upper

164 100

162 95.8 79.8 119.6

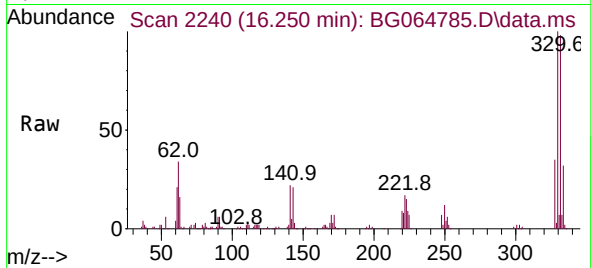
160 43.4 34.9 52.3



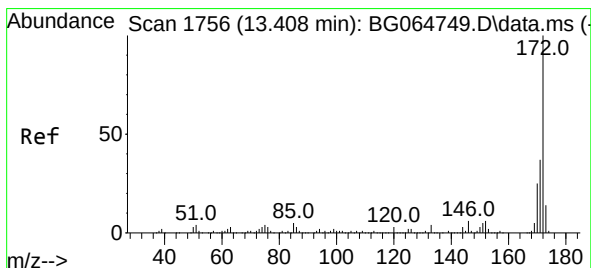
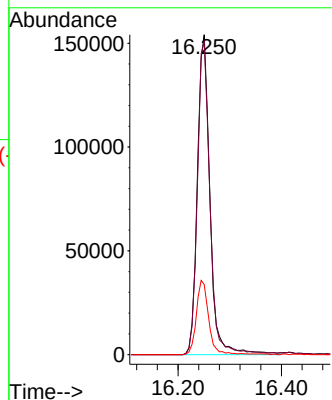
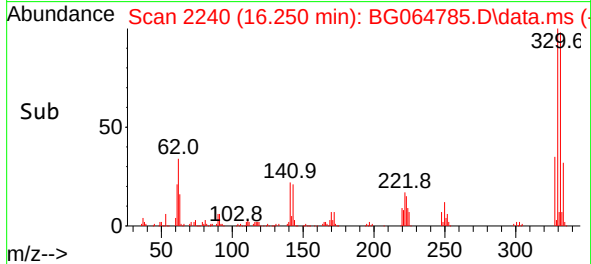


#42
 2,4,6-Tribromophenol
 Concen: 119.730 ng
 RT: 16.250 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064785.D
 Acq: 17 Nov 2025 15:18

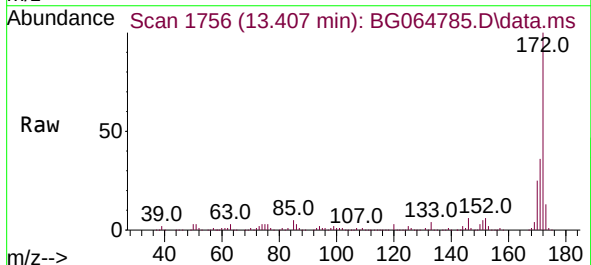
Instrument :
 BNA_G
 ClientSampleId :
 PB170586BL



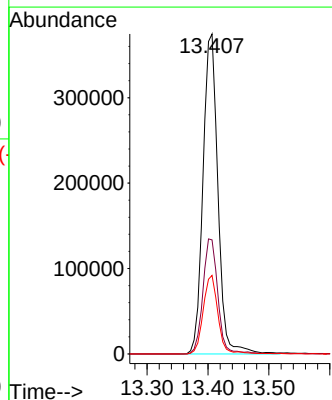
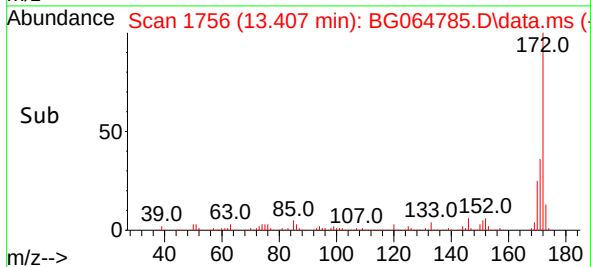
Tgt Ion:330 Resp: 260154
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 22.6 18.2 27.2

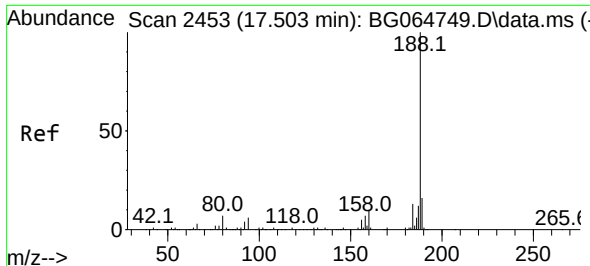


#45
 2-Fluorobiphenyl
 Concen: 79.799 ng
 RT: 13.407 min Scan# 1756
 Delta R.T. -0.001 min
 Lab File: BG064785.D
 Acq: 17 Nov 2025 15:18



Tgt Ion:172 Resp: 637152
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.9 44.9
 170 24.5 19.8 29.6

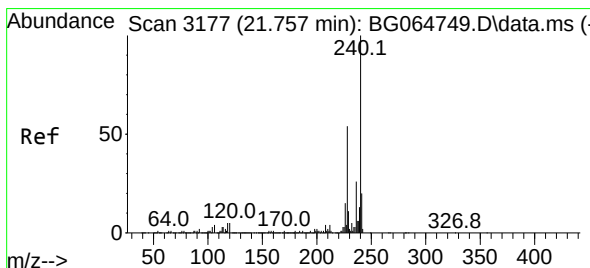
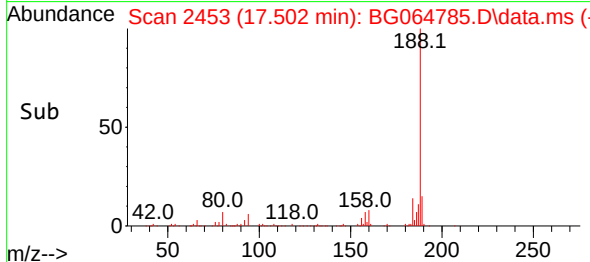
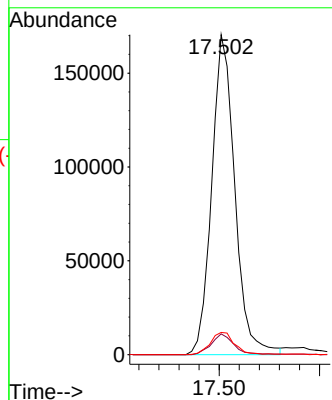
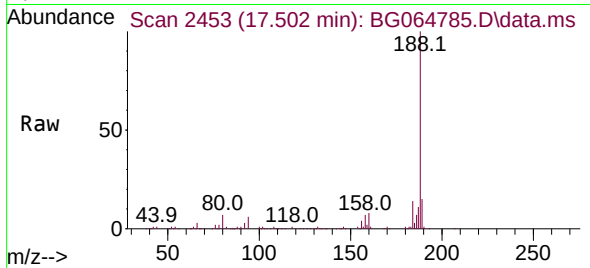




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064785.D
Acq: 17 Nov 2025 15:18

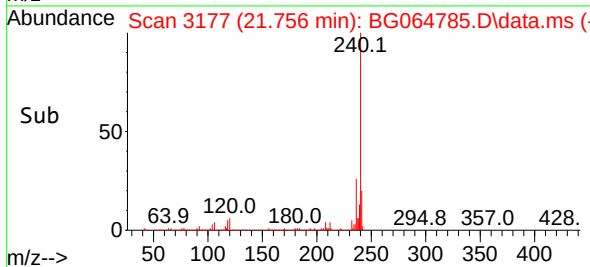
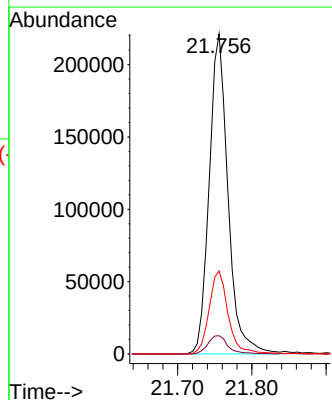
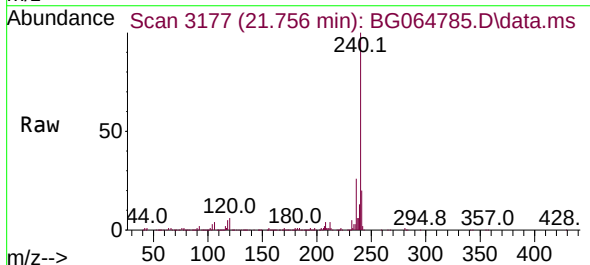
Instrument :
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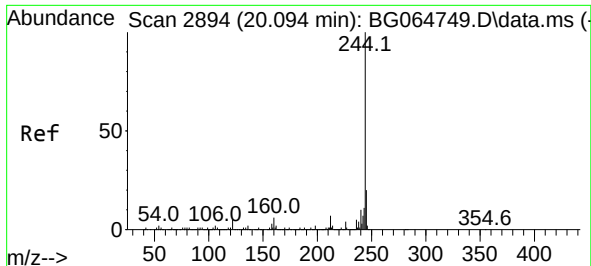
Tgt Ion:188 Resp: 272371
Ion Ratio Lower Upper
188 100
94 6.5 4.7 7.1
80 6.9 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BG064785.D
Acq: 17 Nov 2025 15:18

Tgt Ion:240 Resp: 388861
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 25.9 20.8 31.2

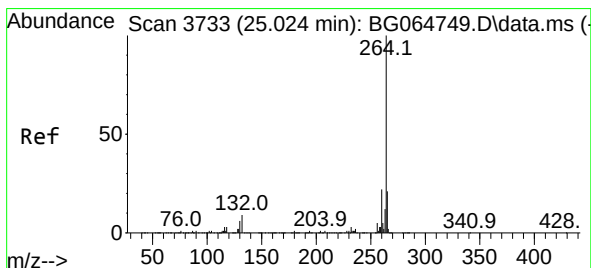
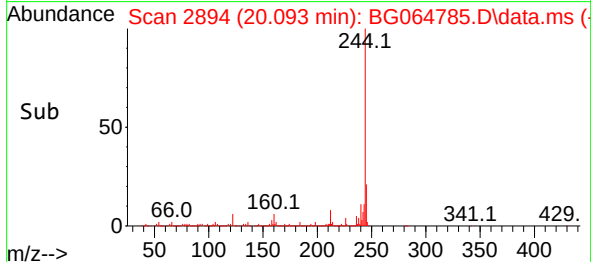
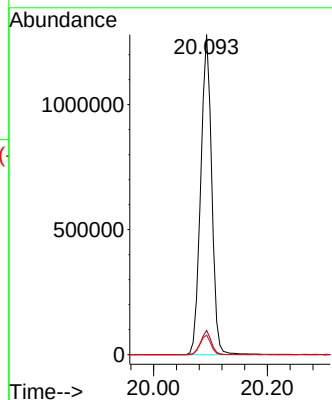
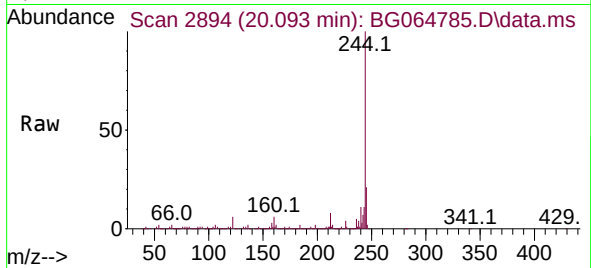




#79
 Terphenyl-d14
 Concen: 86.403 ng
 RT: 20.093 min Scan# 2894
 Delta R.T. -0.001 min
 Lab File: BG064785.D
 Acq: 17 Nov 2025 15:18

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1708035
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.1 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 3732
 Delta R.T. -0.007 min
 Lab File: BG064785.D
 Acq: 17 Nov 2025 15:18

Tgt Ion:264 Resp: 410082
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.2 25.8
 265 20.9 16.6 25.0

