

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064788.D
 Acq On : 17 Nov 2025 17:23
 Operator : RC/JU
 Sample : Q3628-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Nov 17 17:59:34 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	8.165	152	40002	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	145476	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	108799	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	259597	20.000	ng	0.00
76) Chrysene-d12	21.754	240	366804	20.000	ng	0.00
86) Perylene-d12	25.015	264	385091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	258825	112.985	ng	0.00
7) Phenol-d6	7.313	99	312557	102.584	ng	0.00
23) Nitrobenzene-d5	9.328	82	254755	86.583	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	270524	127.490	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	658605	84.466	ng	0.00
79) Terphenyl-d14	20.092	244	1583724	84.932	ng	0.00

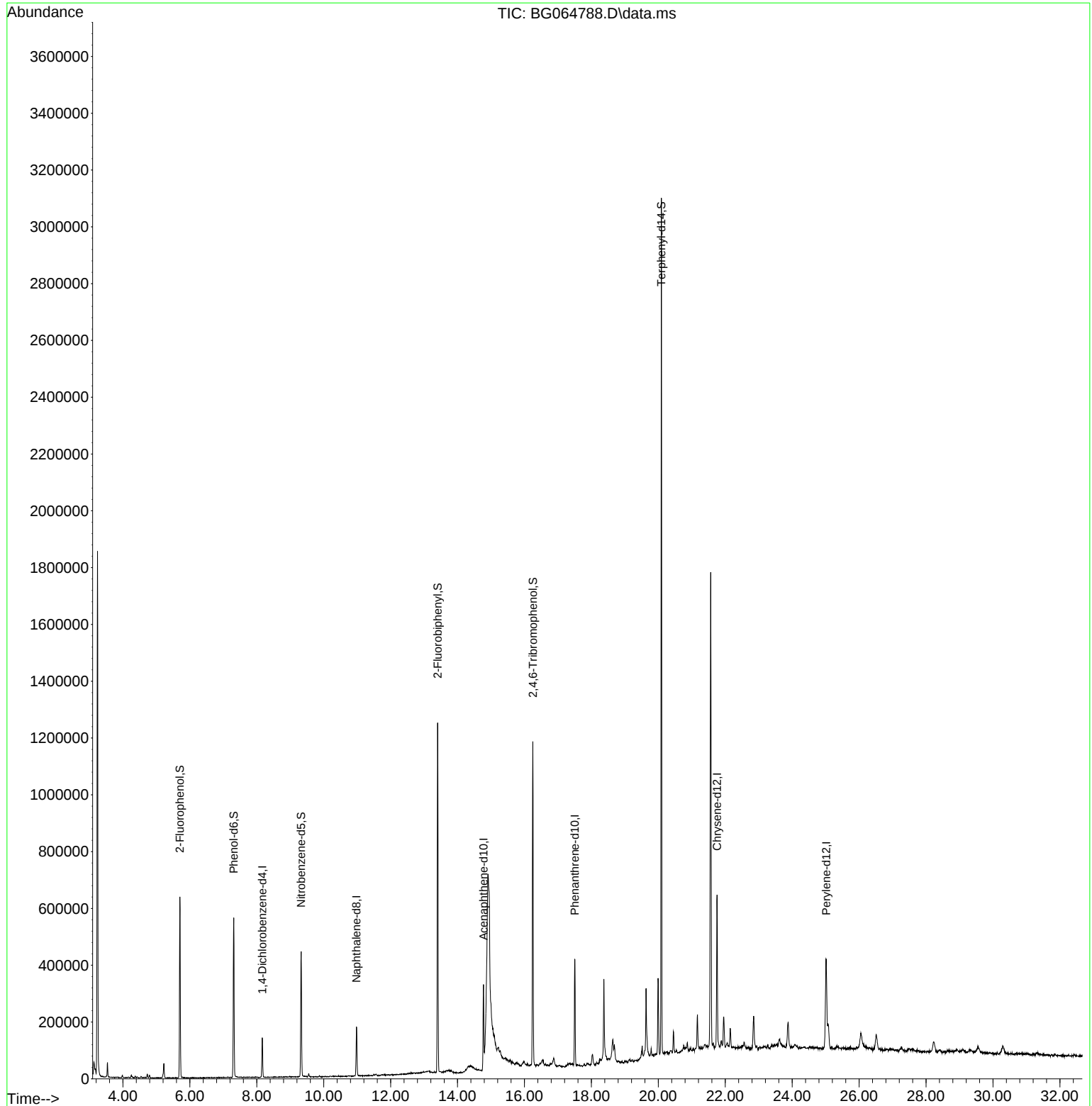
Target Compounds	Qvalue

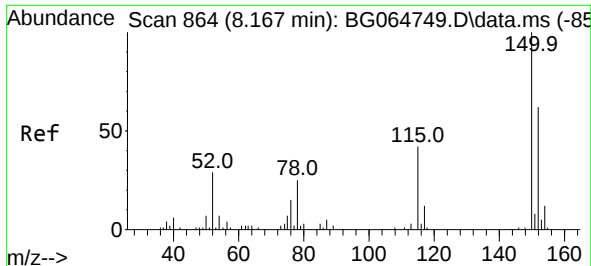
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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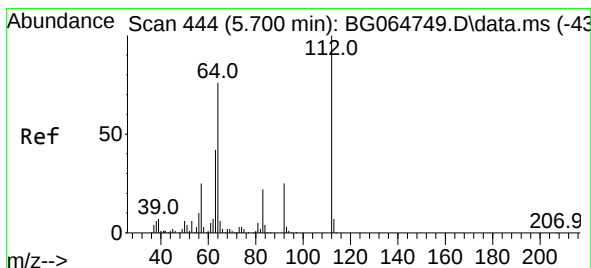
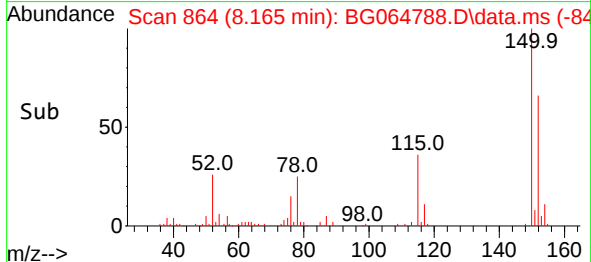
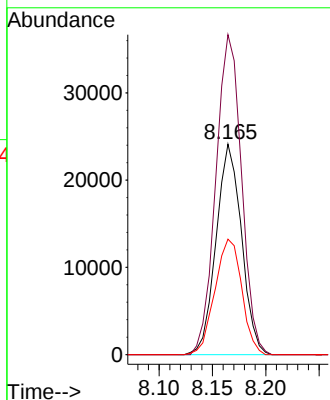
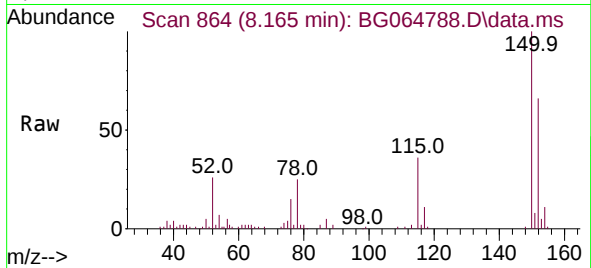




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.165 min Scan# 864
 Delta R.T. -0.002 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

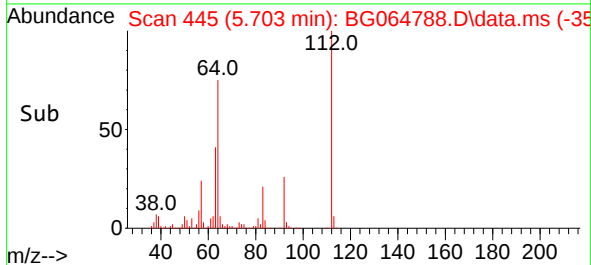
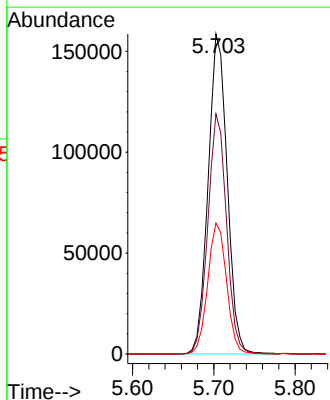
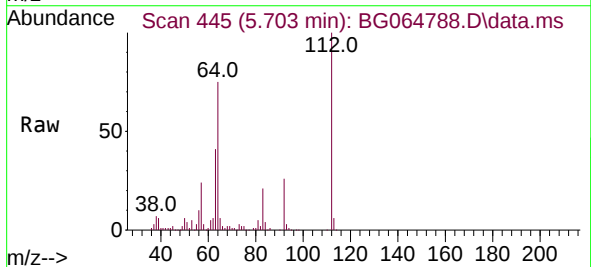
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

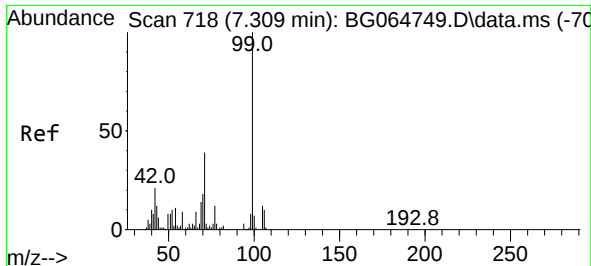
Tgt Ion:152 Resp: 40002
 Ion Ratio Lower Upper
 152 100
 150 152.1 129.2 193.8
 115 54.9 53.7 80.5



#5
 2-Fluorophenol
 Concen: 112.985 ng
 RT: 5.703 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

Tgt Ion:112 Resp: 258825
 Ion Ratio Lower Upper
 112 100
 64 75.0 61.0 91.4
 63 40.9 33.3 49.9

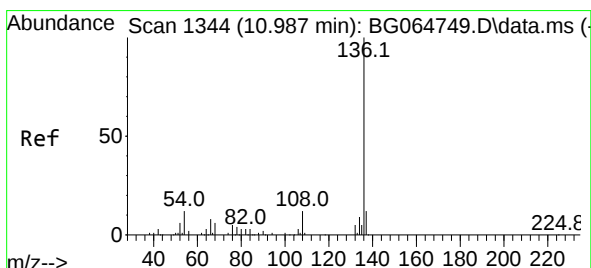
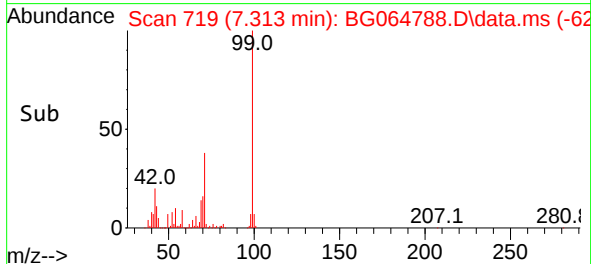
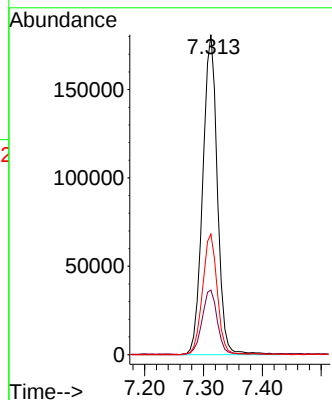
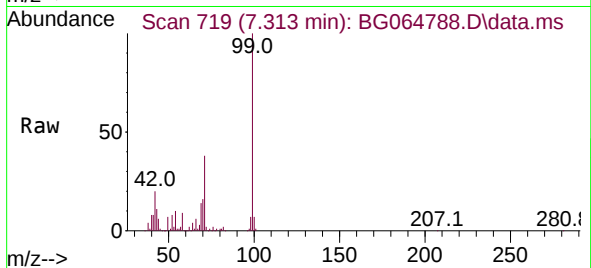




#7
Phenol-d6
Concen: 102.584 ng
RT: 7.313 min Scan# 718
Delta R.T. 0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

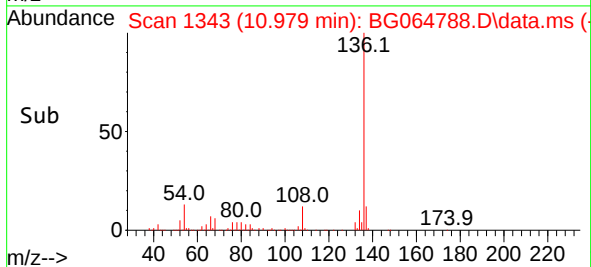
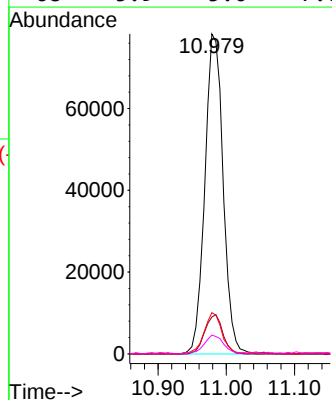
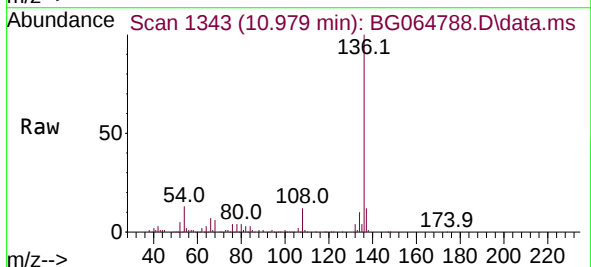
Instrument :
BNA_G
ClientSampleId :
TP-5

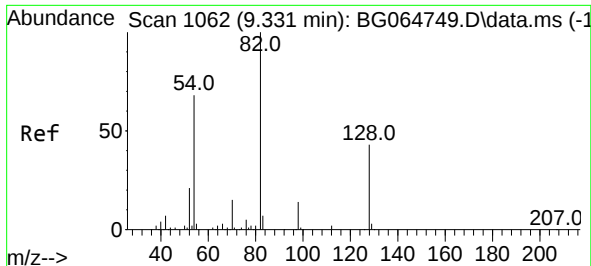
Tgt Ion: 99 Resp: 312557
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 37.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion: 136 Resp: 145476
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 12.9 9.3 13.9
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.583 ng

RT: 9.328 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064788.D

Acq: 17 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

TP-5

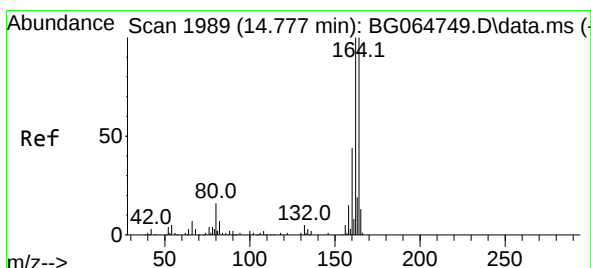
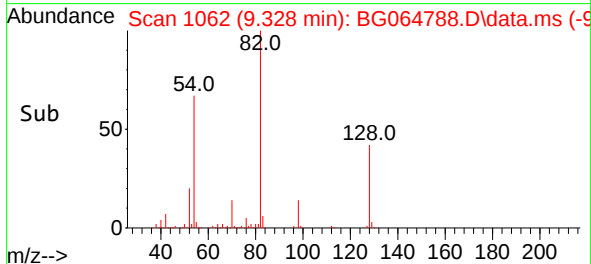
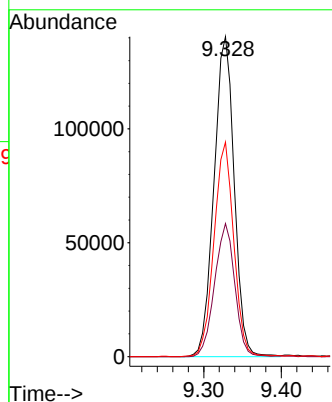
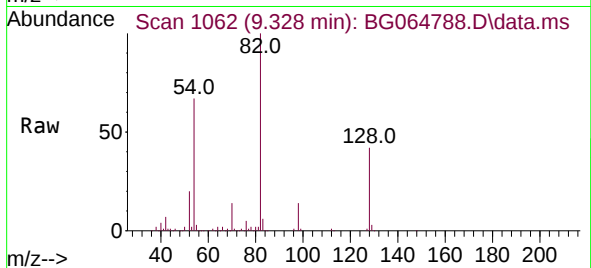
Tgt Ion: 82 Resp: 254755

Ion Ratio Lower Upper

82 100

128 41.6 34.1 51.1

54 67.0 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064788.D

Acq: 17 Nov 2025 17:23

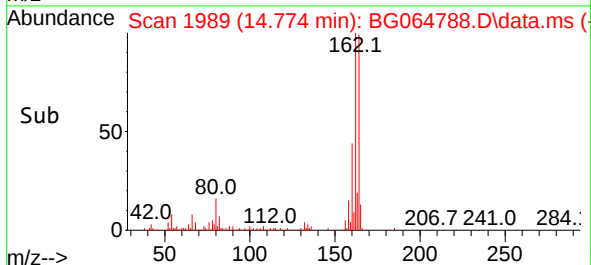
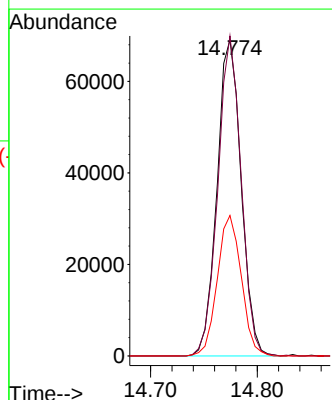
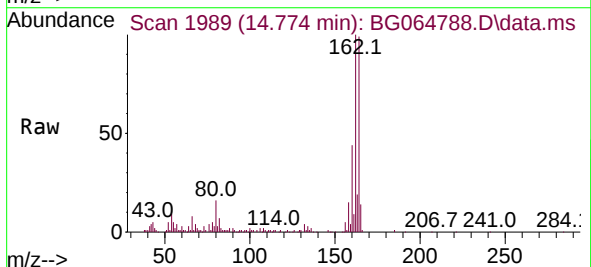
Tgt Ion:164 Resp: 108799

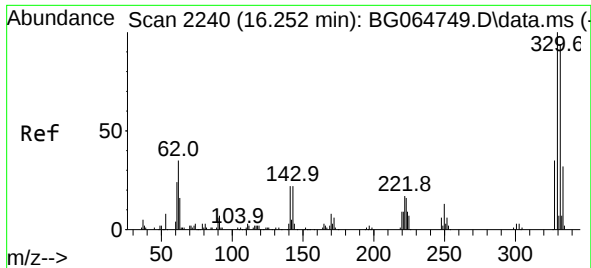
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.6

160 44.4 34.9 52.3

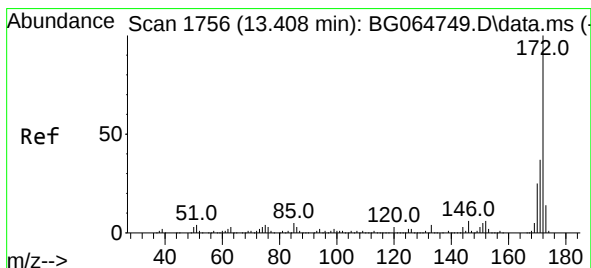
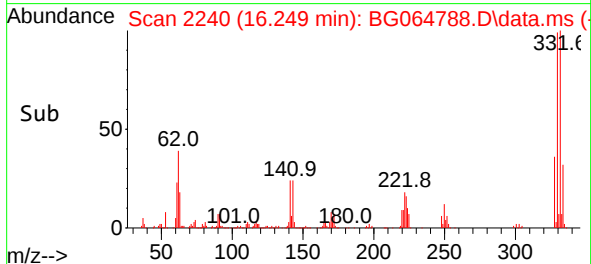
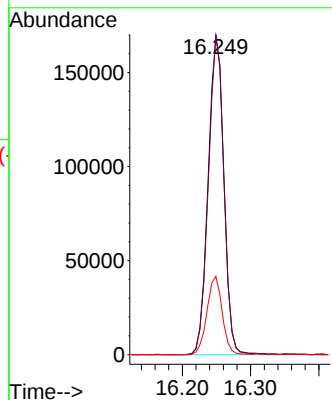
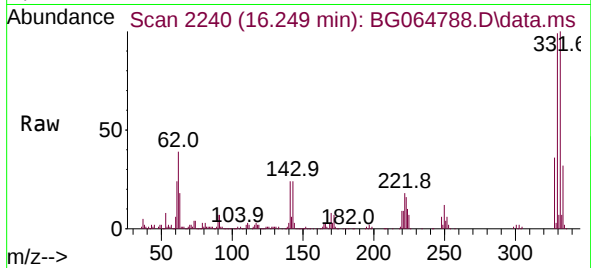




#42
2,4,6-Tribromophenol
Concen: 127.490 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

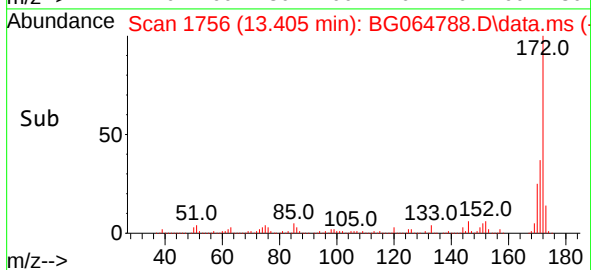
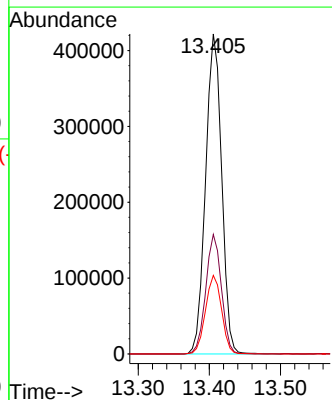
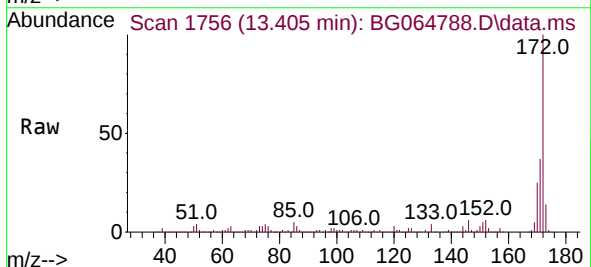
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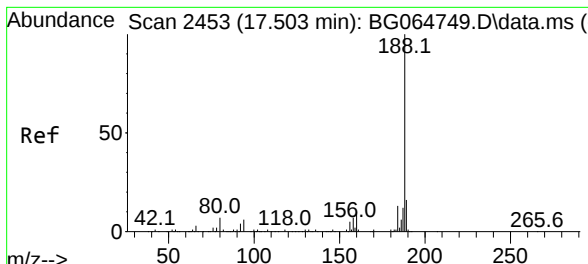
Tgt Ion:330 Resp: 270524
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 23.9 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 84.466 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion:172 Resp: 658605
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 24.6 19.8 29.6

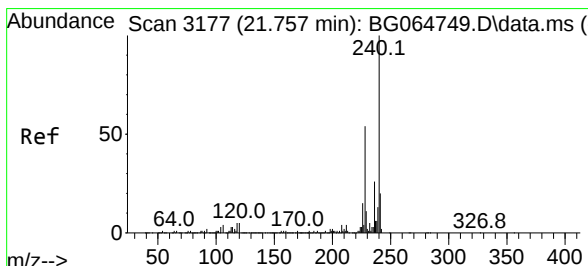
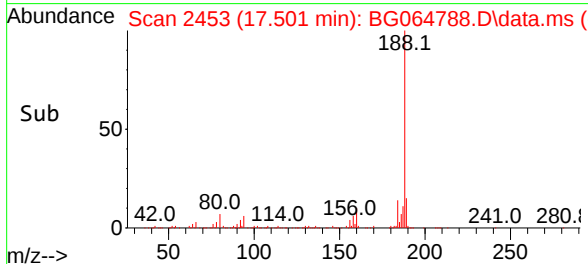
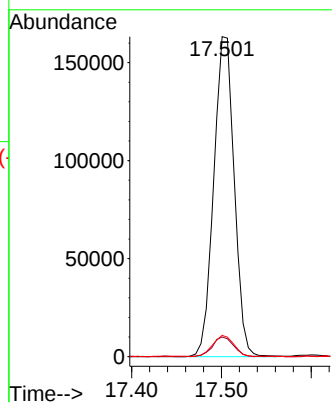
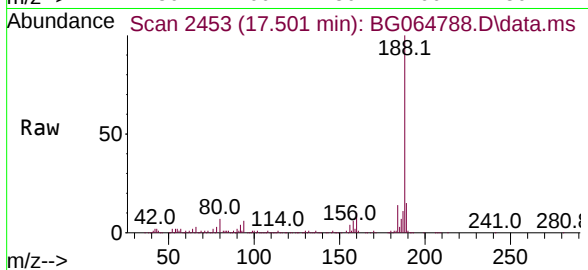




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

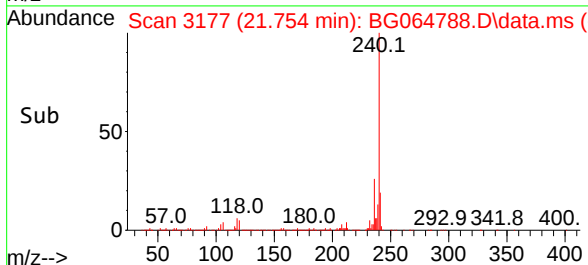
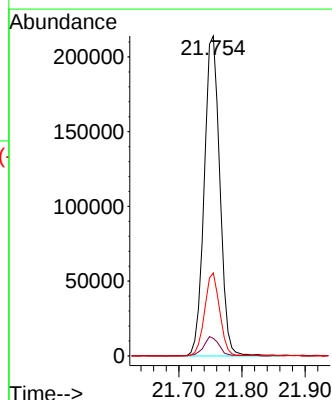
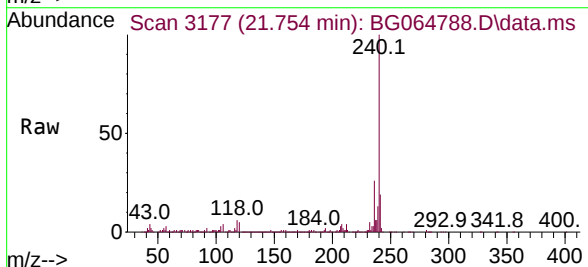
Instrument :
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TP-5

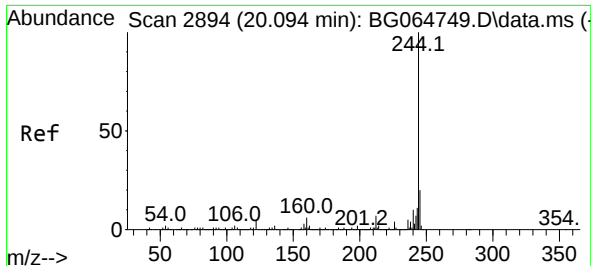
Tgt Ion:188 Resp: 259597
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 6.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion:240 Resp: 366804
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.4
236 25.9 20.8 31.2

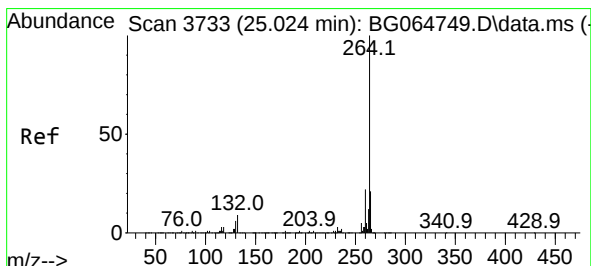
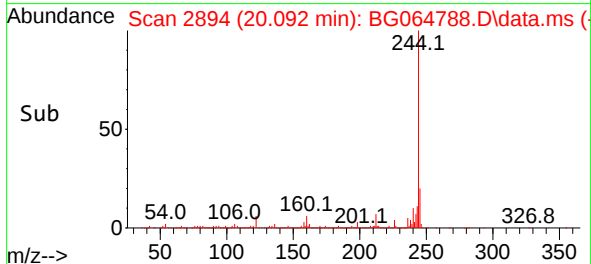
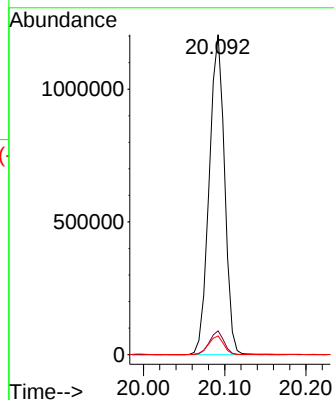
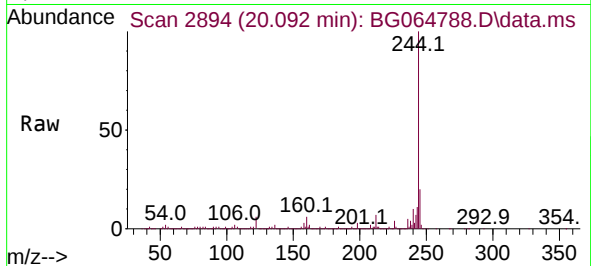




#79
 Terphenyl-d14
 Concen: 84.932 ng
 RT: 20.092 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1583724
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 5.8 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3732
 Delta R.T. -0.009 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

Tgt Ion:264 Resp: 385091
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.2 25.8
 265 21.9 16.6 25.0

