

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064803.D
 Acq On : 18 Nov 2025 14:59
 Operator : RC/JU
 Sample : Q3641-01RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111325RX

Quant Time: Nov 18 15:34:57 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)

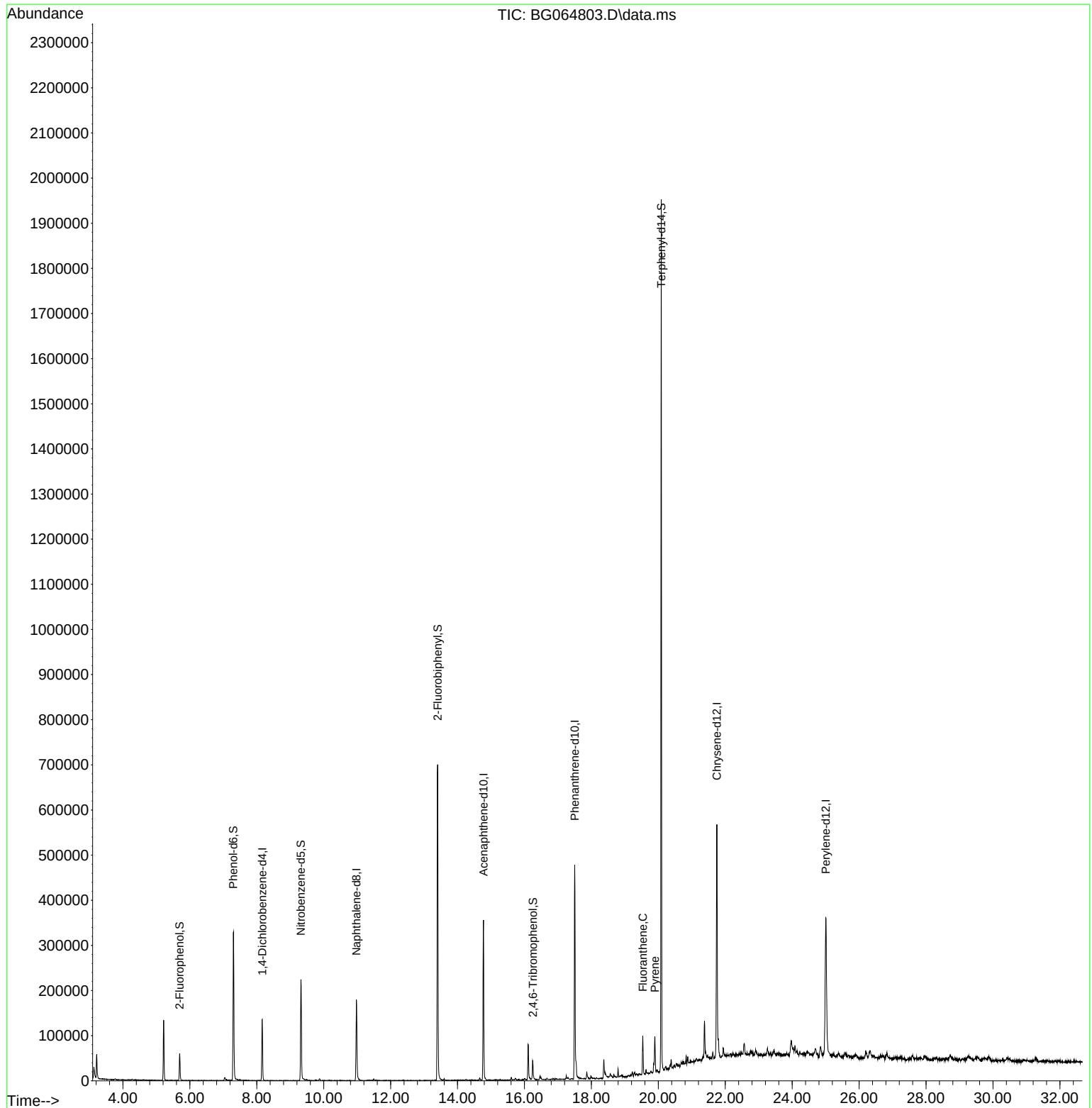
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	42011	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	162143	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	136554	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	334652	20.000	ng	0.00
76) Chrysene-d12	21.748	240	351261	20.000	ng	0.00
86) Perylene-d12	25.003	264	364494	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	24931	10.363	ng	0.00
7) Phenol-d6	7.300	99	194350	60.737	ng	0.00
23) Nitrobenzene-d5	9.322	82	137045	41.790	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	12347	4.636	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	417170	42.627	ng	0.00
79) Terphenyl-d14	20.085	244	993949	55.662	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.533	202	61023	2.437	ng	98
78) Pyrene	19.891	202	53703	2.728	ng	98

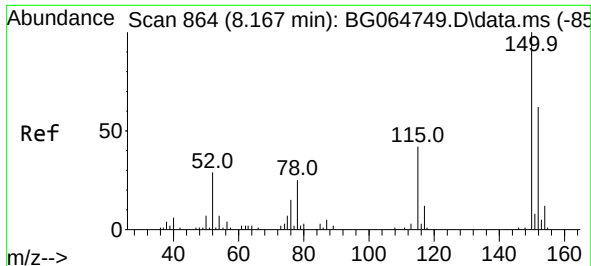
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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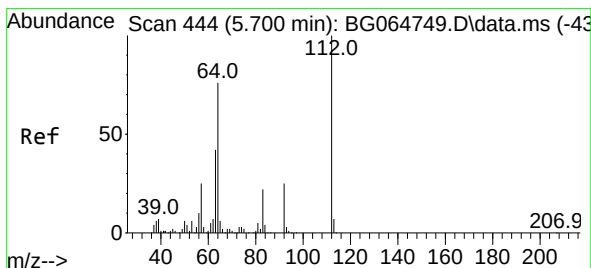
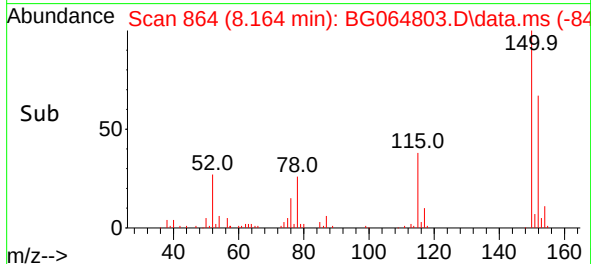
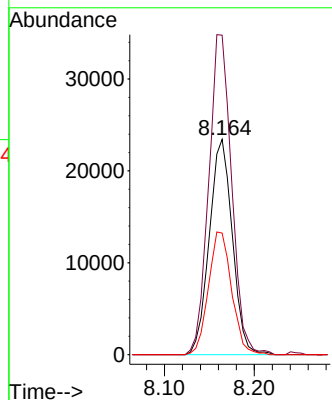
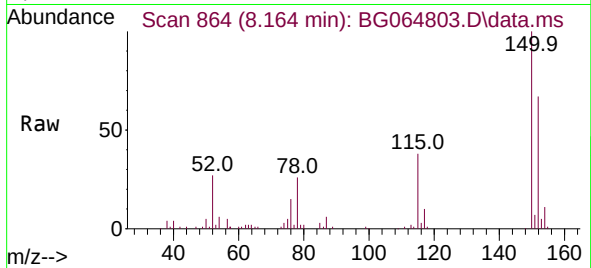




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: BG064803.D
 Acq: 18 Nov 2025 14:59

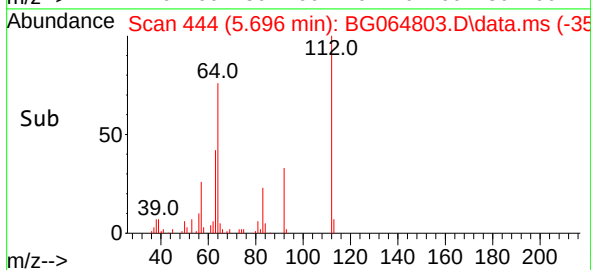
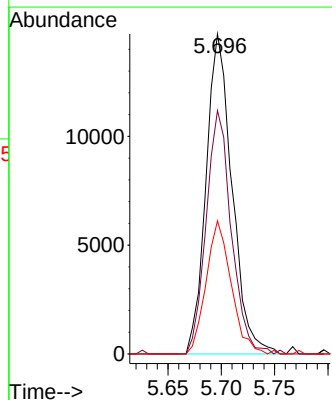
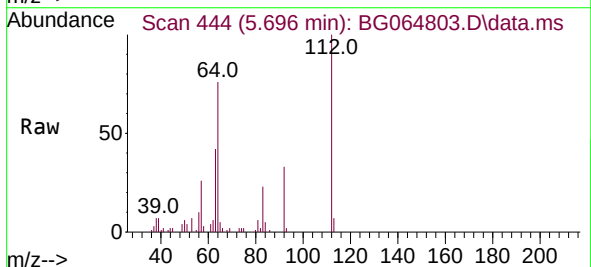
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111325RX

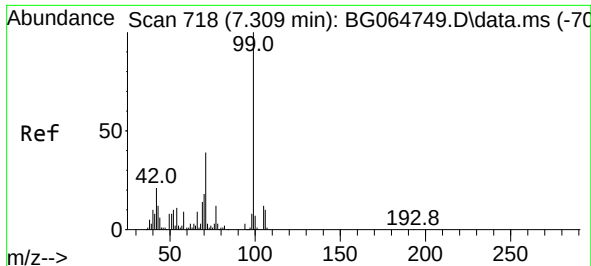
Tgt Ion:152 Resp: 42011
 Ion Ratio Lower Upper
 152 100
 150 148.4 129.2 193.8
 115 56.5 53.7 80.5



#5
 2-Fluorophenol
 Concen: 10.363 ng
 RT: 5.696 min Scan# 444
 Delta R.T. -0.003 min
 Lab File: BG064803.D
 Acq: 18 Nov 2025 14:59

Tgt Ion:112 Resp: 24931
 Ion Ratio Lower Upper
 112 100
 64 76.0 61.0 91.4
 63 41.6 33.3 49.9

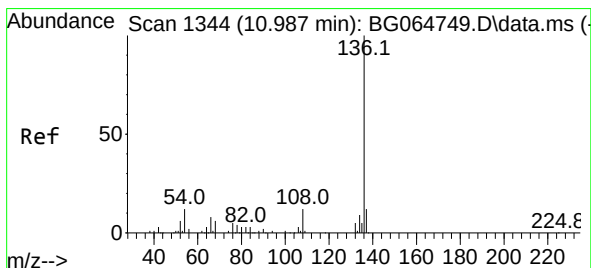
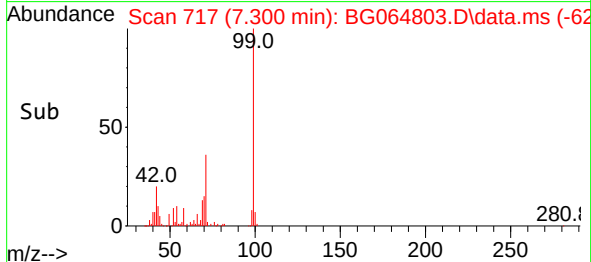
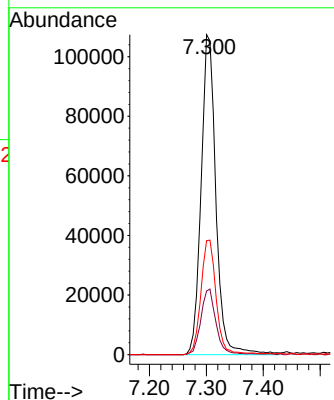
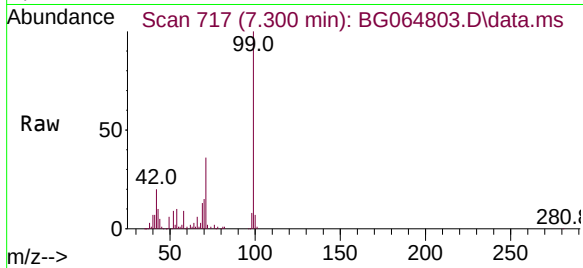




#7
Phenol-d6
Concen: 60.737 ng
RT: 7.300 min Scan# 718
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

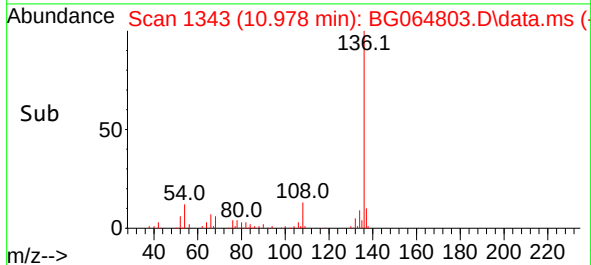
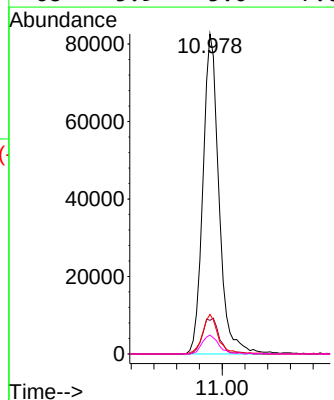
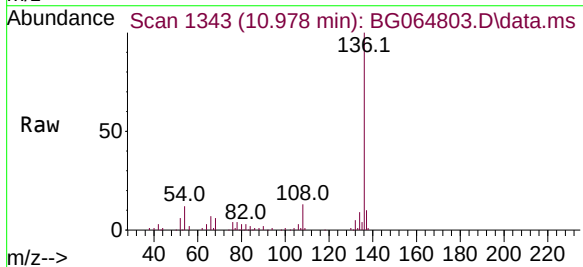
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

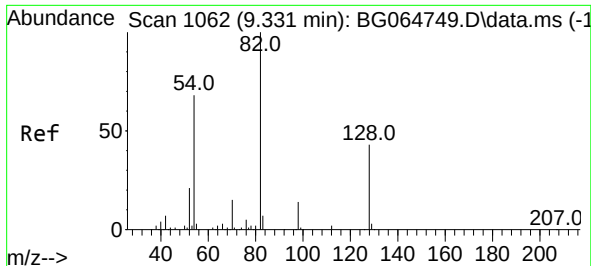
Tgt Ion: 99 Resp: 194350
Ion Ratio Lower Upper
99 100
42 19.9 16.8 25.2
71 35.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion: 136 Resp: 162143
Ion Ratio Lower Upper
136 100
137 10.5 9.3 13.9
54 12.4 9.3 13.9
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 41.790 ng

RT: 9.322 min Scan# 1062

Delta R.T. -0.009 min

Lab File: BG064803.D

Acq: 18 Nov 2025 14:59

Instrument :

BNA_G

ClientSampleId :

TR-05-111325RX

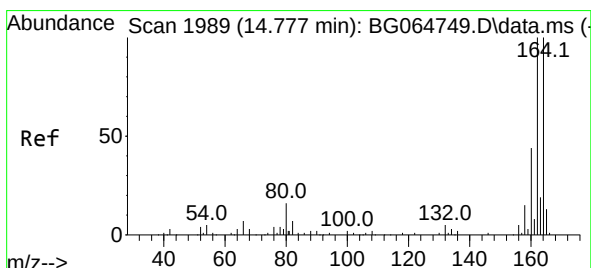
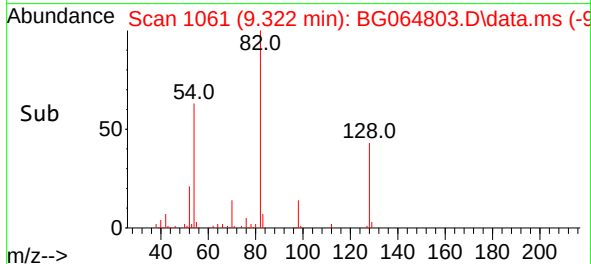
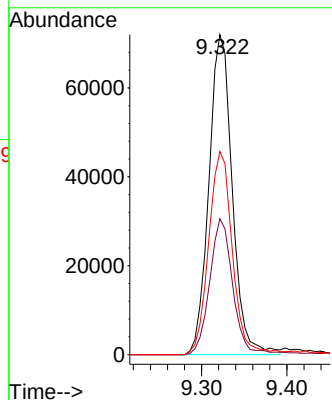
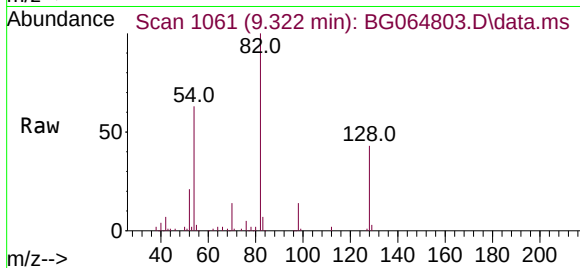
Tgt Ion: 82 Resp: 137045

Ion Ratio Lower Upper

82 100

128 42.5 34.1 51.1

54 63.5 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: BG064803.D

Acq: 18 Nov 2025 14:59

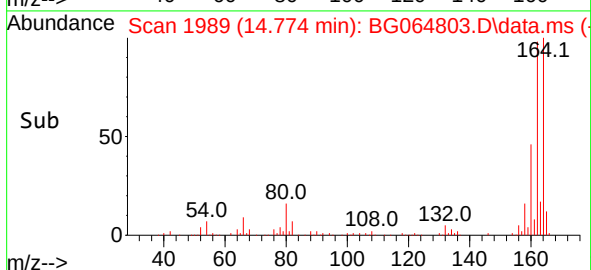
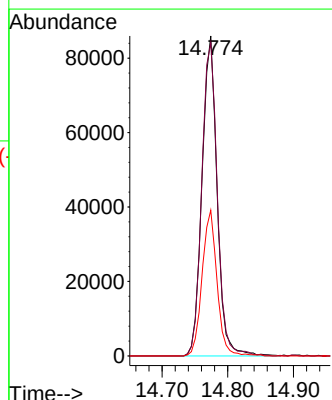
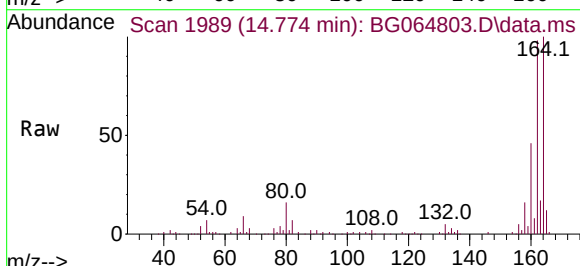
Tgt Ion:164 Resp: 136554

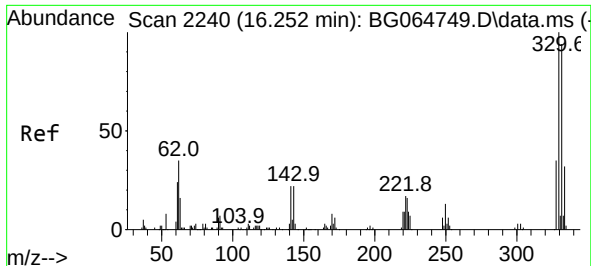
Ion Ratio Lower Upper

164 100

162 97.8 79.8 119.6

160 45.5 34.9 52.3

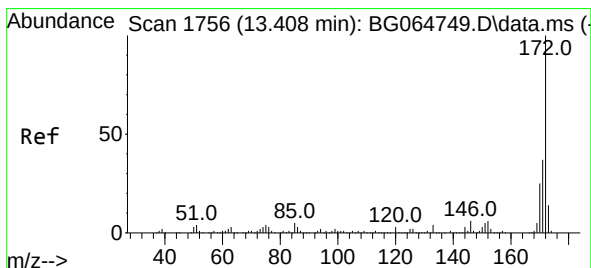
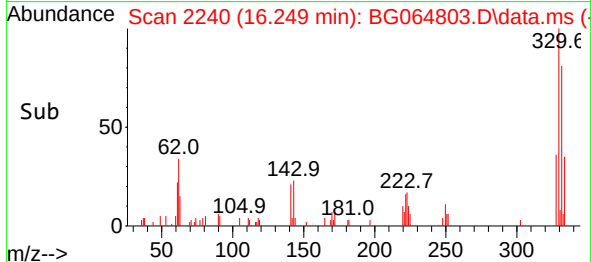
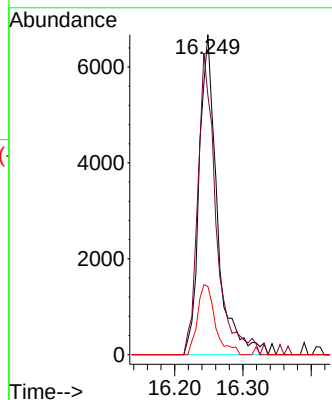
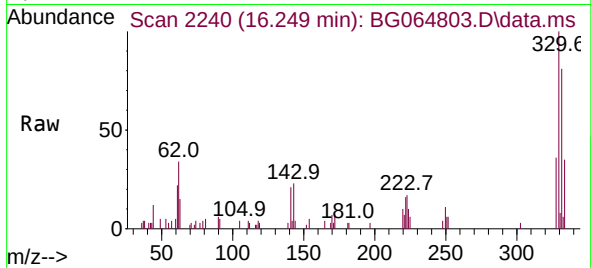




#42
2,4,6-Tribromophenol
Concen: 4.636 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

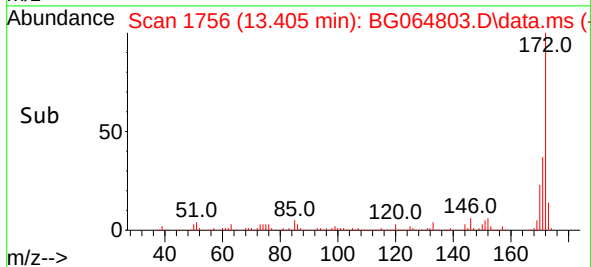
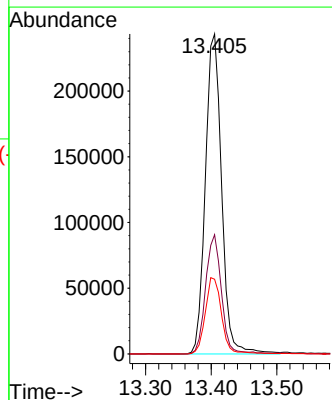
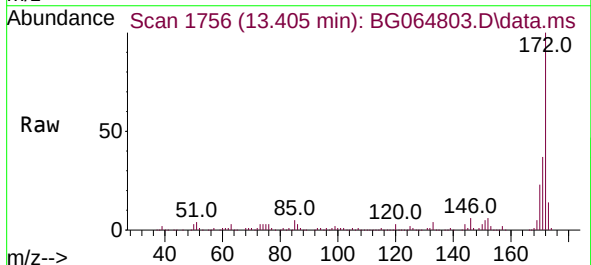
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

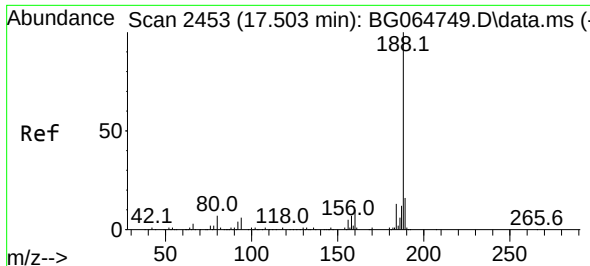
Tgt Ion:330 Resp: 12347
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 21.3 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 42.627 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:172 Resp: 417170
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 23.3 19.8 29.6

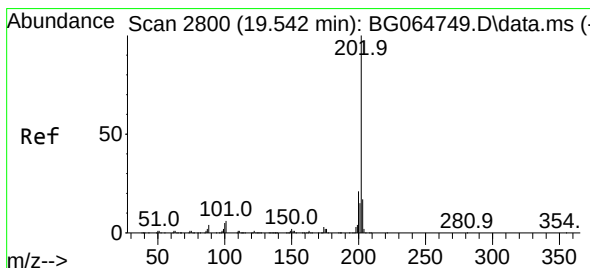
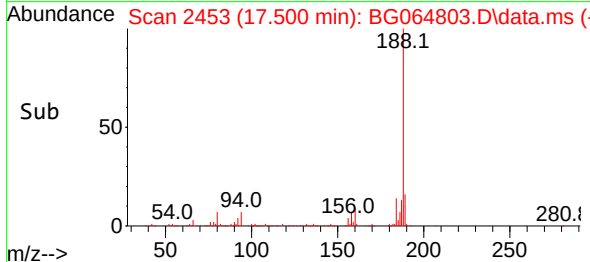
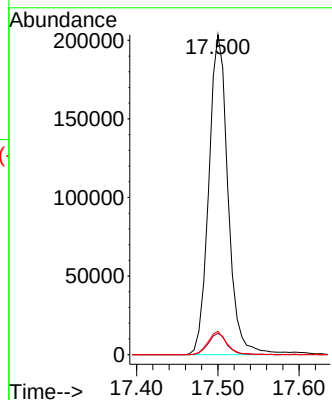
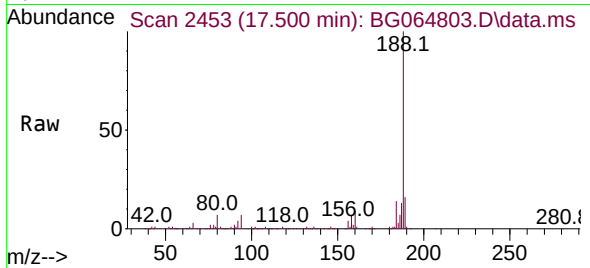




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

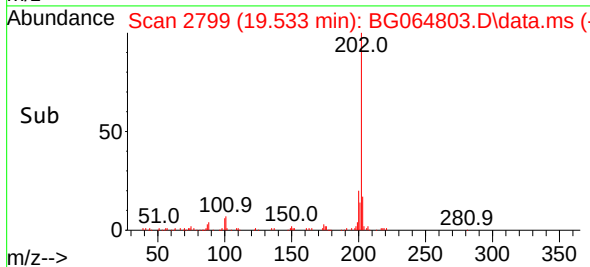
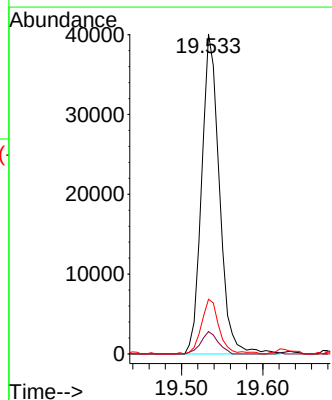
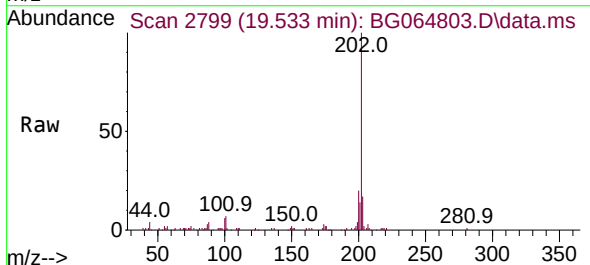
Instrument :
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TR-05-111325RX

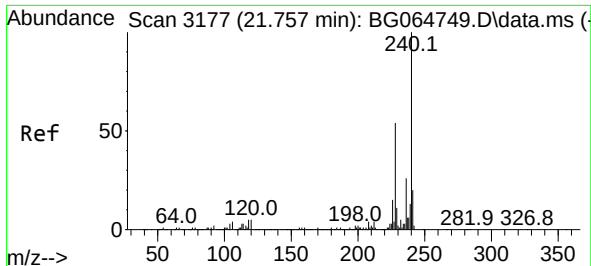
Tgt Ion:188 Resp: 334652
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.3 5.4 8.2



#75
Fluoranthene
Concen: 2.437 ng
RT: 19.533 min Scan# 2799
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:202 Resp: 61023
Ion Ratio Lower Upper
202 100
101 7.9 0.0 26.4
203 17.1 0.0 37.5

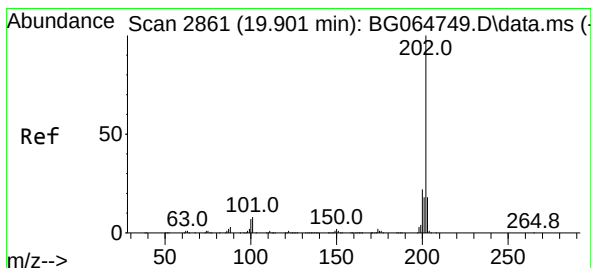
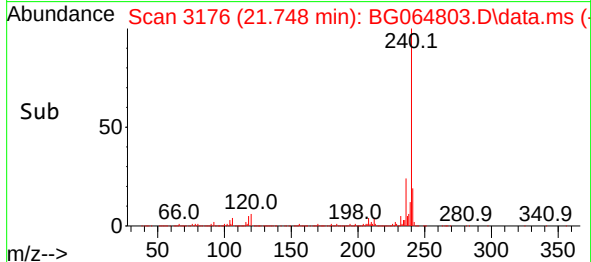
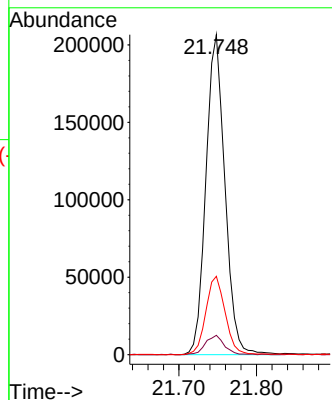
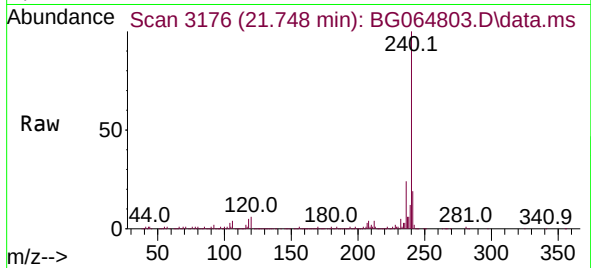




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3177
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

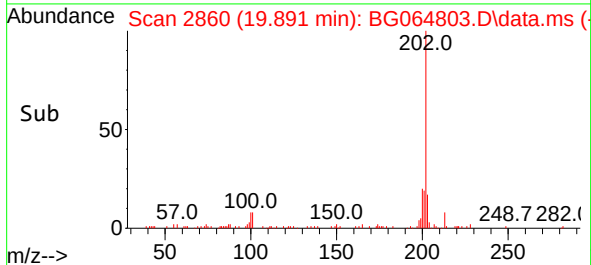
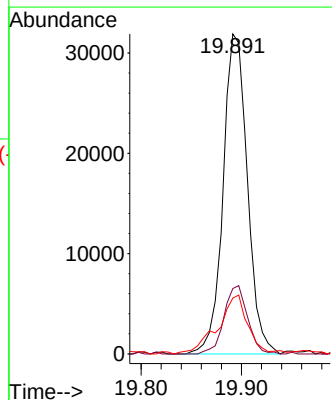
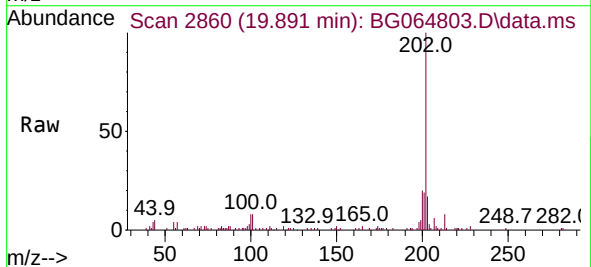
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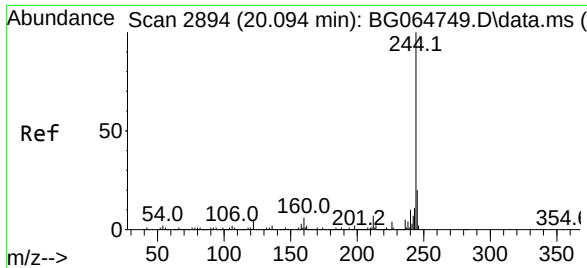
Tgt Ion:240 Resp: 351261
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 24.5 20.8 31.2



#78
Pyrene
Concen: 2.728 ng
RT: 19.891 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:202 Resp: 53703
Ion Ratio Lower Upper
202 100
200 20.4 17.9 26.9
203 17.4 14.0 21.0

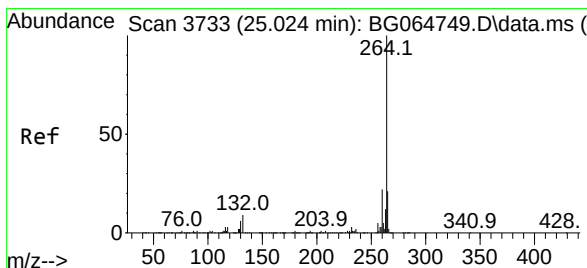
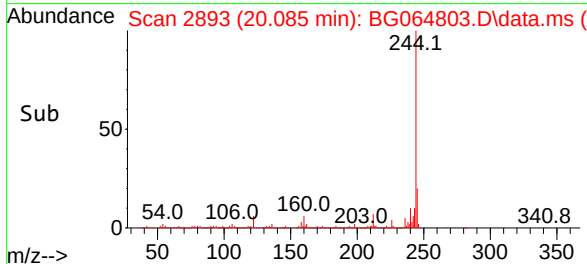
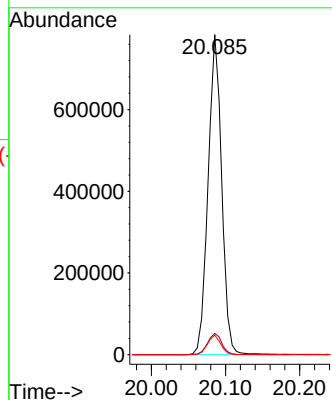
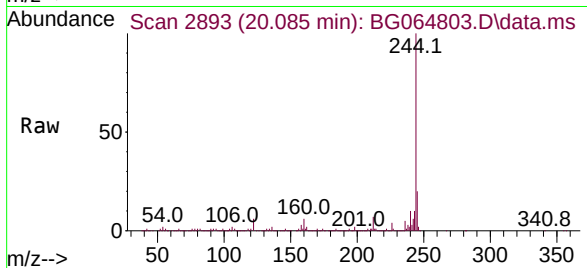




#79
 Terphenyl-d14
 Concen: 55.662 ng
 RT: 20.085 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064803.D
 Acq: 18 Nov 2025 14:59

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111325RX

Tgt Ion:244 Resp: 993949
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.1 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3730
 Delta R.T. -0.021 min
 Lab File: BG064803.D
 Acq: 18 Nov 2025 14:59

Tgt Ion:264 Resp: 364494
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.2 25.8
 265 21.8 16.6 25.0

