

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064517.D
 Acq On : 16 Oct 2025 15:34
 Operator : RC/JU
 Sample : PB170133BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170133BL

Quant Time: Oct 16 16:25:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	14441	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	57385	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	43972	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	106337	20.000	ng	# 0.00
76) Chrysene-d12	21.413	240	129197	20.000	ng	0.00
86) Perylene-d12	24.397	264	136933	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	123308	158.025	ng	0.00
7) Phenol-d6	7.000	99	152191	145.137	ng	0.01
23) Nitrobenzene-d5	8.968	82	105929	99.256	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	123174	154.537	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	284117	95.240	ng	0.00
79) Terphenyl-d14	19.809	244	661947	96.963	ng	0.00

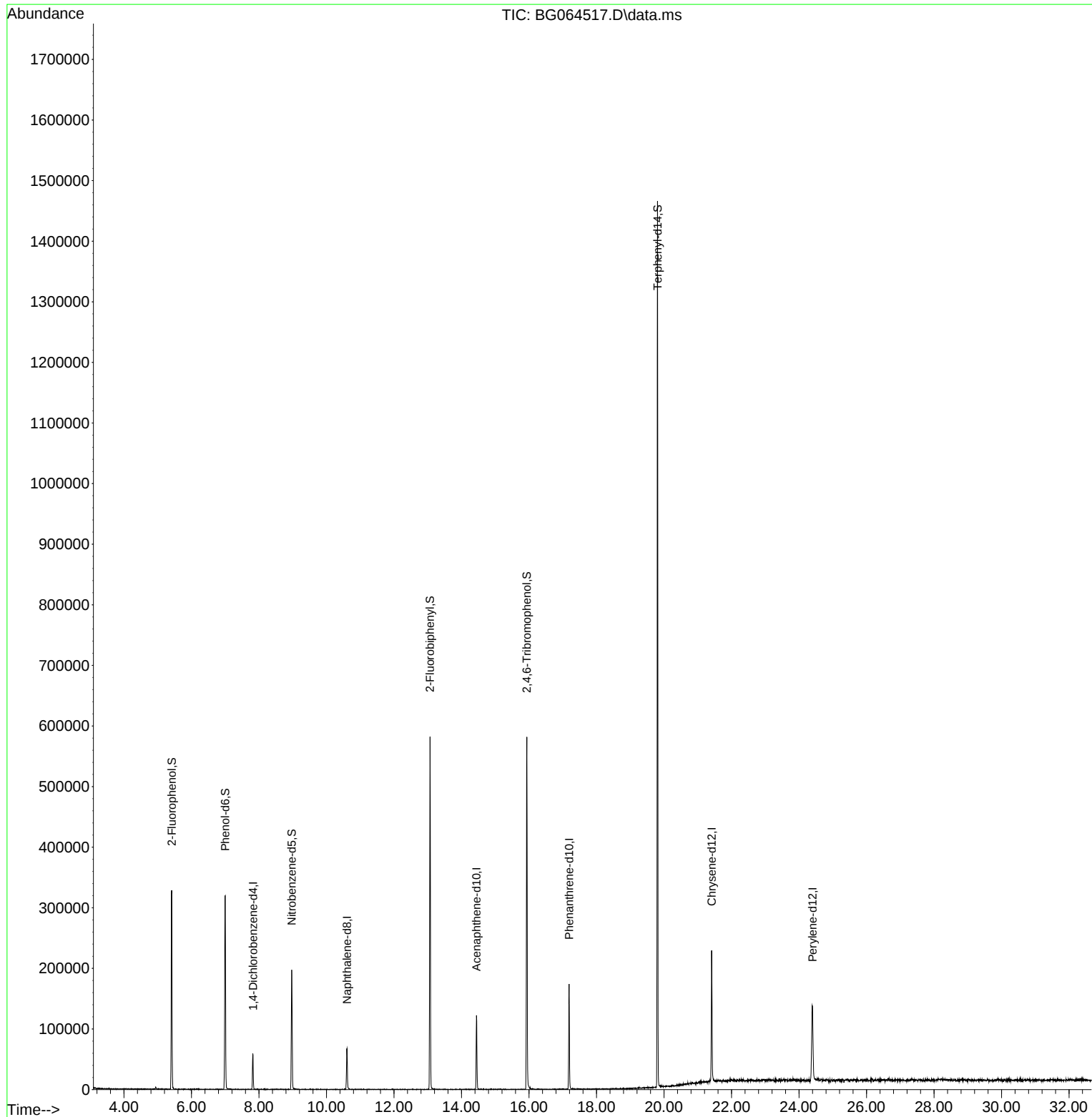
Target Compounds Qvalue

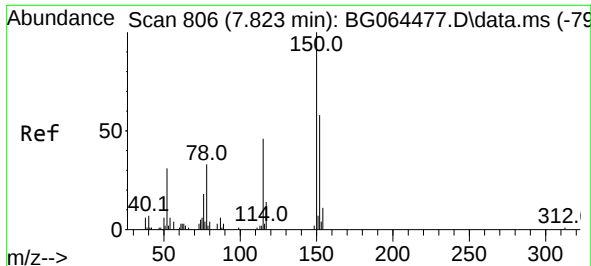
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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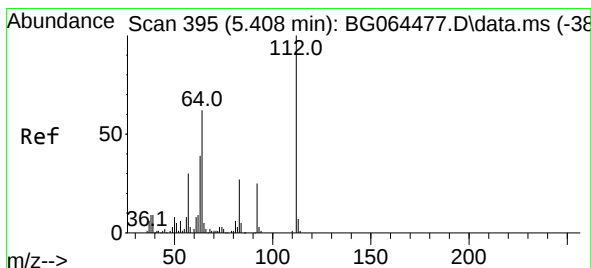
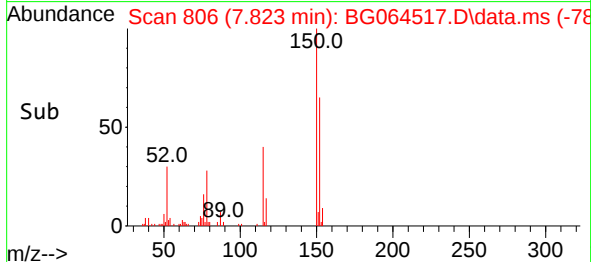
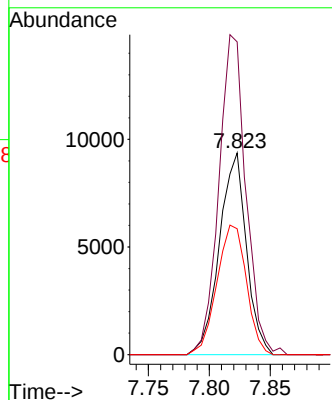
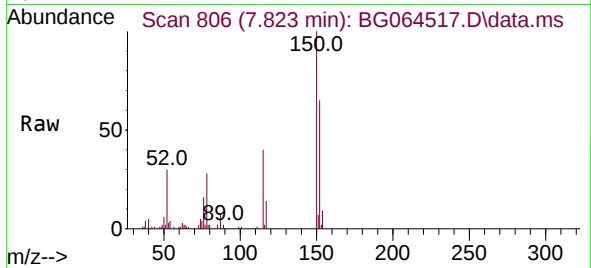




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

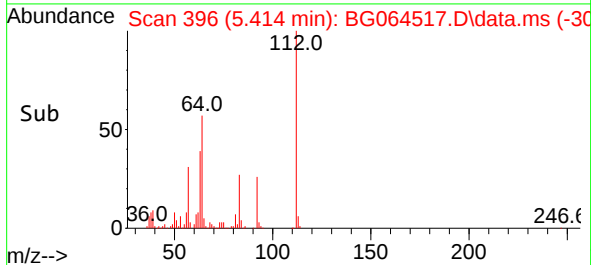
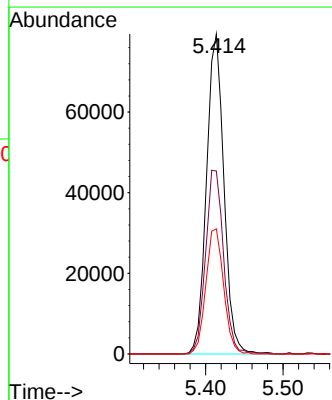
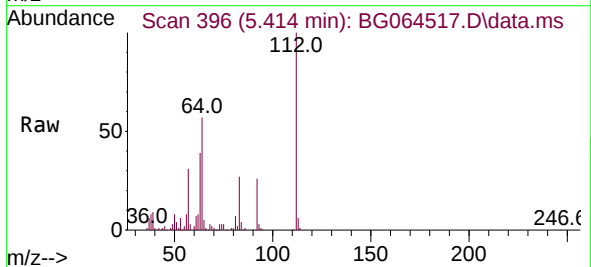
Instrument :
BNA_G
ClientSampleId :
PB170133BL

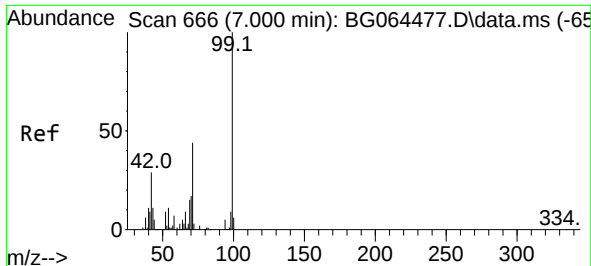
Tgt Ion:152 Resp: 14441
Ion Ratio Lower Upper
152 100
150 155.0 138.6 207.8
115 62.4 63.4 95.2#



#5
2-Fluorophenol
Concen: 158.025 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

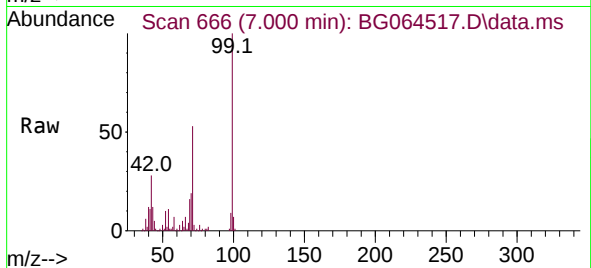
Tgt Ion:112 Resp: 123308
Ion Ratio Lower Upper
112 100
64 57.1 49.8 74.8
63 39.1 31.3 46.9





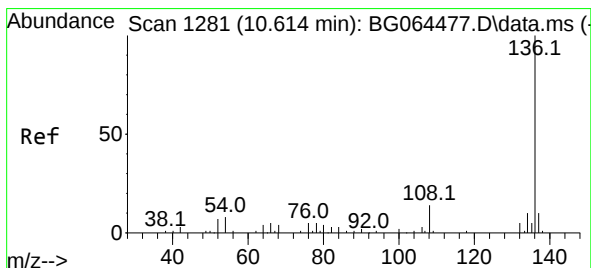
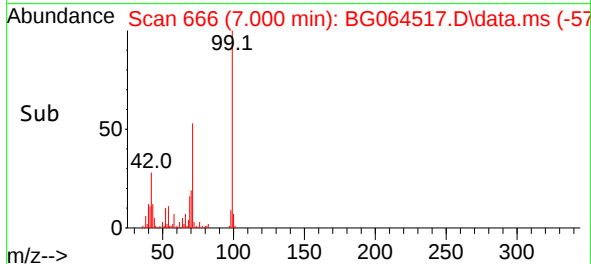
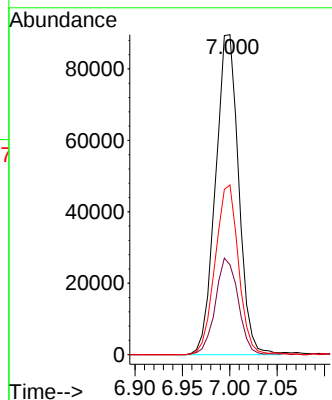
#7
Phenol-d6
Concen: 145.137 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL



Tgt Ion: 99 Resp: 152191

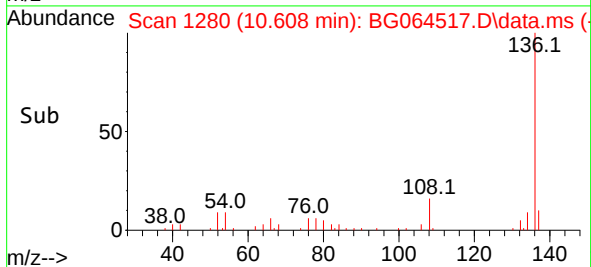
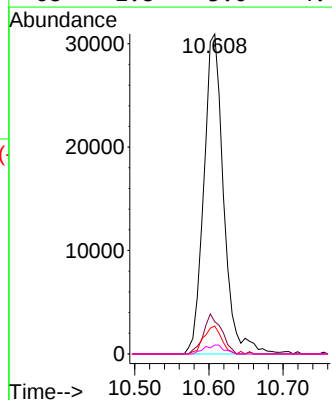
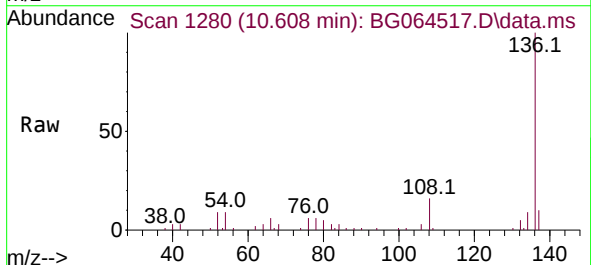
Ion	Ratio	Lower	Upper
99	100		
42	28.1	22.9	34.3
71	53.0	35.4	53.2

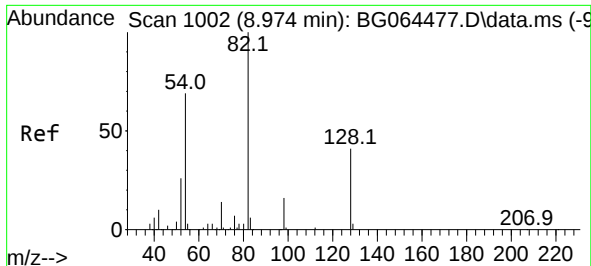


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion: 136 Resp: 57385

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.3	12.5
54	8.7	6.2	9.4
68	2.8	3.0	4.4

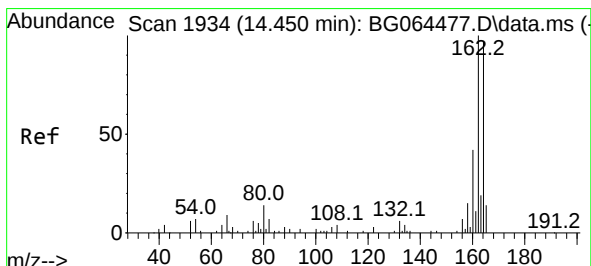
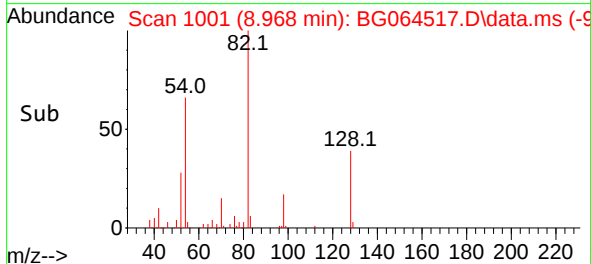
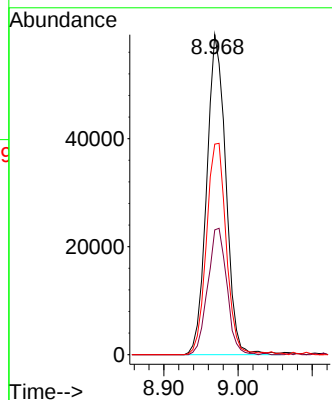
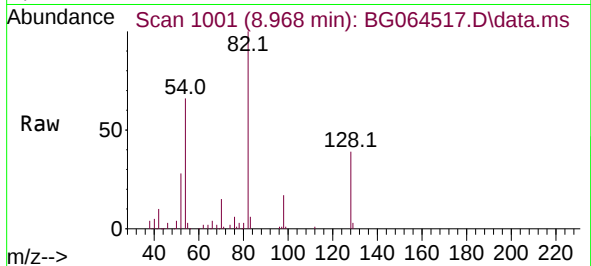




#23
Nitrobenzene-d5
Concen: 99.256 ng
RT: 8.968 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

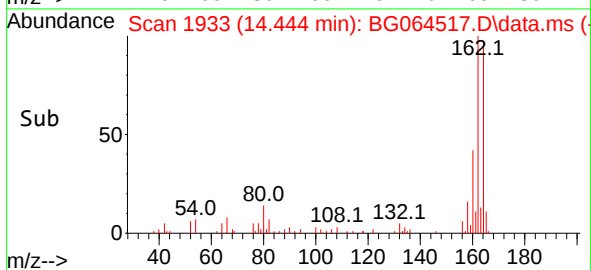
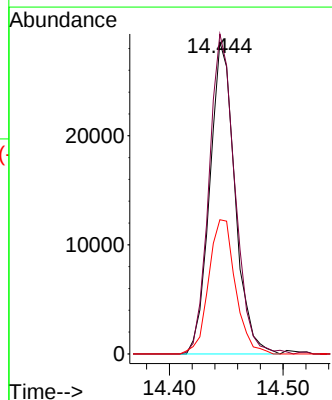
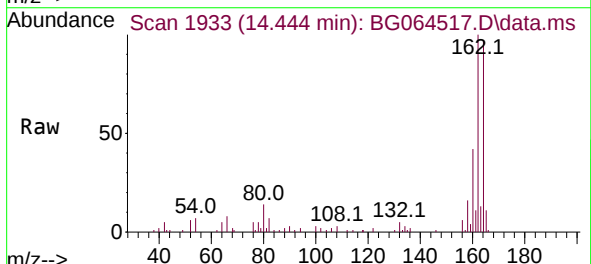
Instrument :
BNA_G
ClientSampleId :
PB170133BL

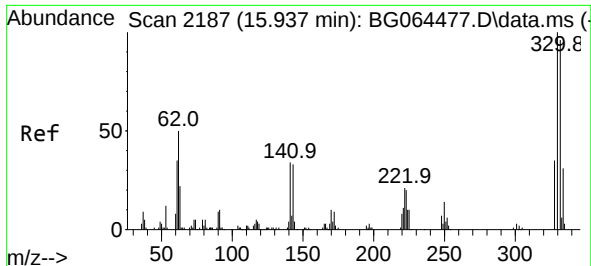
Tgt Ion: 82 Resp: 105929
Ion Ratio Lower Upper
82 100
128 39.0 33.1 49.7
54 65.8 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:164 Resp: 43972
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 43.0 34.3 51.5

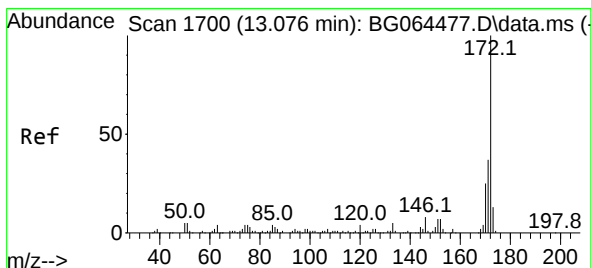
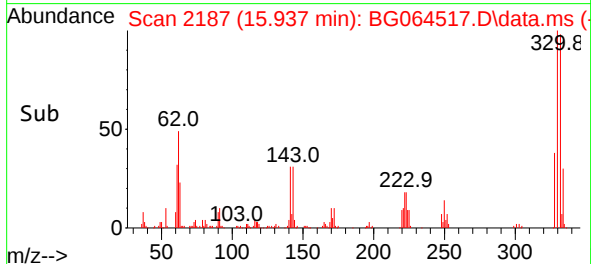
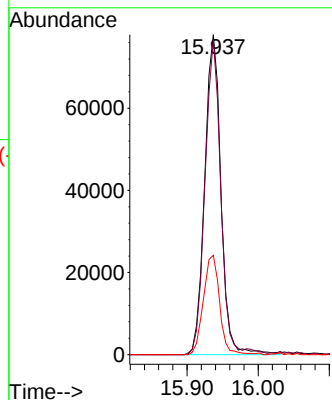
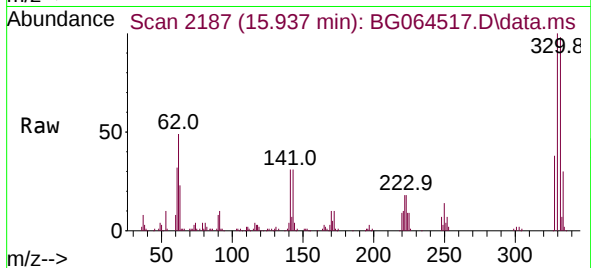




#42
 2,4,6-Tribromophenol
 Concen: 154.537 ng
 RT: 15.937 min Scan# 2187
 Delta R.T. 0.002 min
 Lab File: BG064517.D
 Acq: 16 Oct 2025 15:34

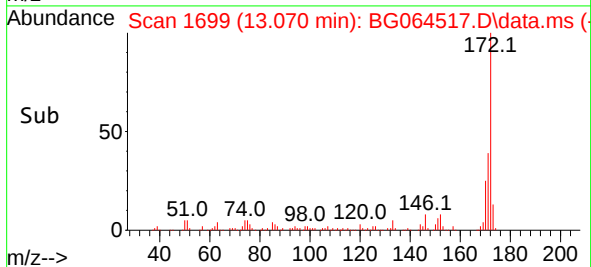
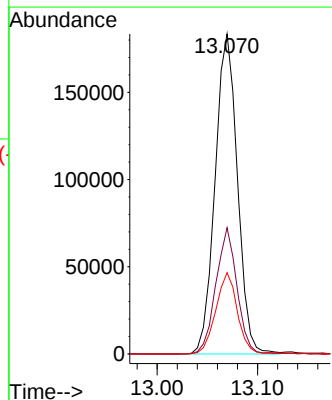
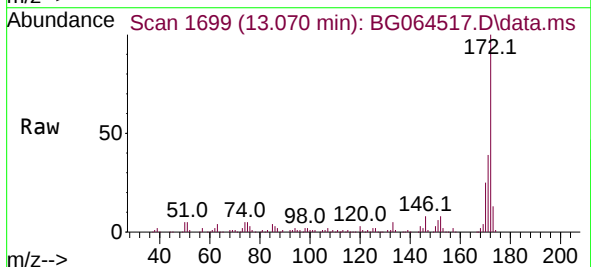
Instrument :
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 ClientSampleId :
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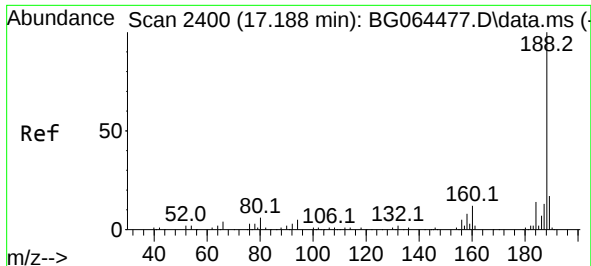
Tgt Ion:330 Resp: 123174
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 31.0 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 95.240 ng
 RT: 13.070 min Scan# 1699
 Delta R.T. 0.002 min
 Lab File: BG064517.D
 Acq: 16 Oct 2025 15:34

Tgt Ion:172 Resp: 284117
 Ion Ratio Lower Upper
 172 100
 171 39.4 29.6 44.4
 170 25.4 20.2 30.2

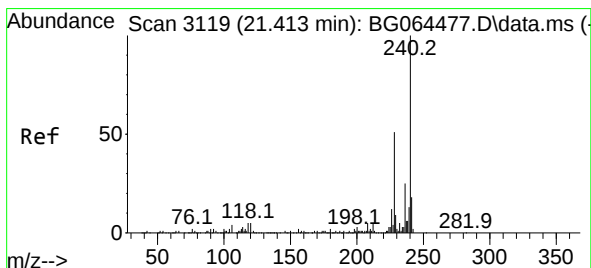
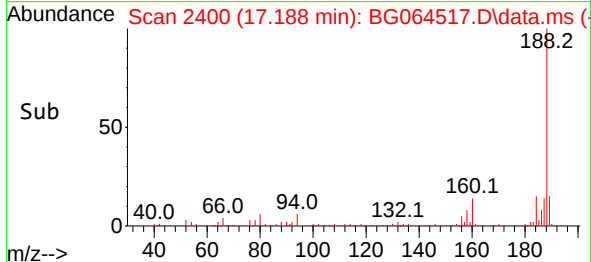
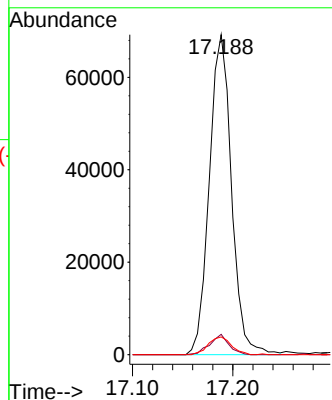
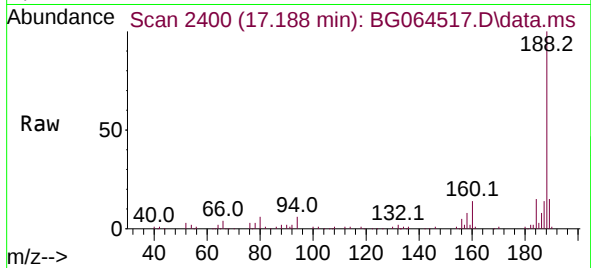




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

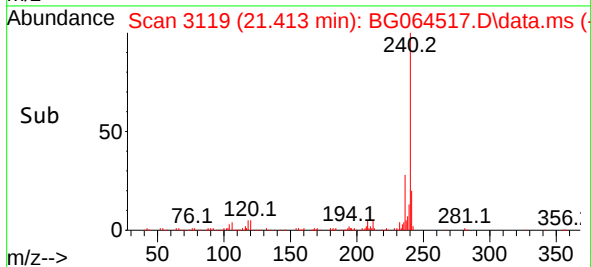
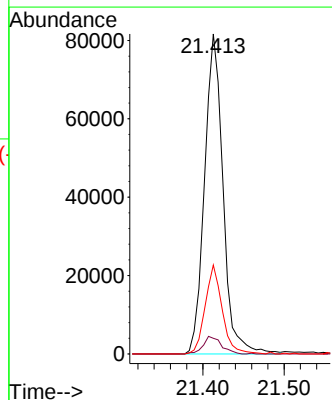
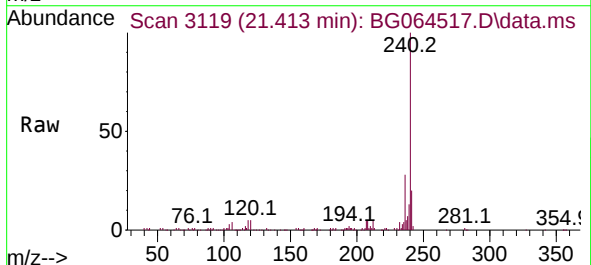
Instrument :
BNA_G
ClientSampleId :
PB170133BL

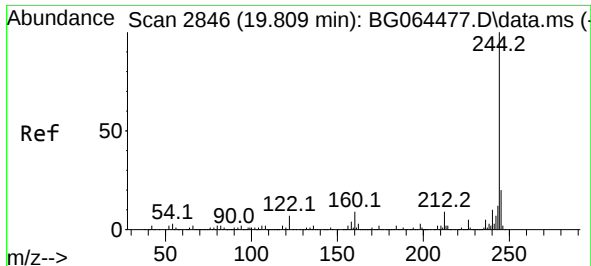
Tgt Ion:188 Resp: 106337
Ion Ratio Lower Upper
188 100
94 6.3 3.7 5.5#
80 5.6 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:240 Resp: 129197
Ion Ratio Lower Upper
240 100
120 4.9 4.3 6.5
236 27.8 20.4 30.6

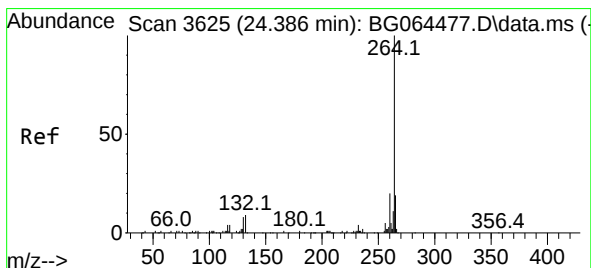
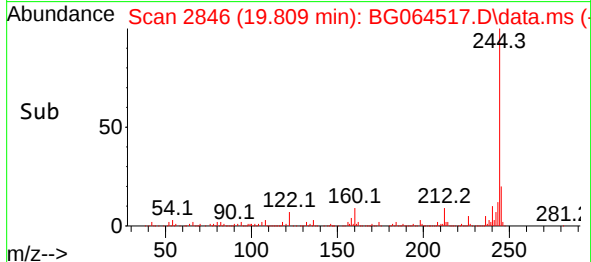
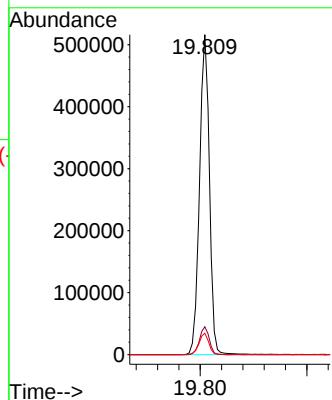
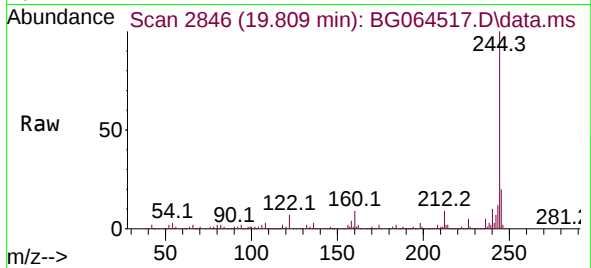




#79
 Terphenyl-d14
 Concen: 96.963 ng
 RT: 19.809 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064517.D
 Acq: 16 Oct 2025 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB170133BL

Tgt Ion:244 Resp: 661947
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3627
 Delta R.T. 0.008 min
 Lab File: BG064517.D
 Acq: 16 Oct 2025 15:34

Tgt Ion:264 Resp: 136933
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.2 24.4
 265 22.5 15.0 22.4#

