

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064543.D
 Acq On : 17 Oct 2025 19:53
 Operator : RC/JU
 Sample : Q3366-01 5X
 Misc : 8270/625.1 SPIKE
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-101625

Quant Time: Oct 17 23:22:31 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)

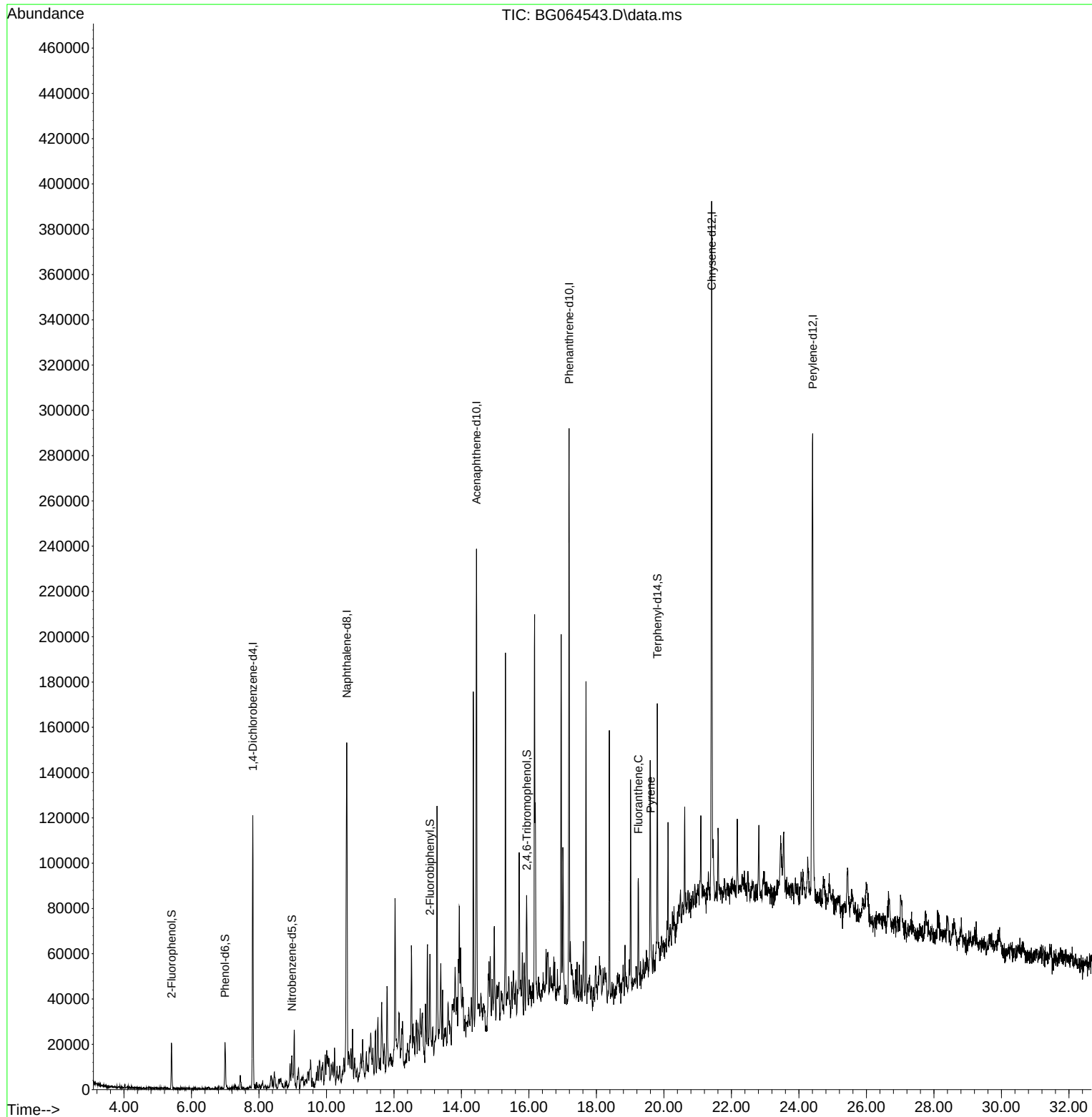
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	28185	20.000	ng	# 0.00
21) Naphthalene-d8	10.603	136	100839	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	65515	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	148272	20.000	ng	# 0.00
76) Chrysene-d12	21.414	240	170289	20.000	ng	0.00
86) Perylene-d12	24.404	264	194832	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	8303	5.452	ng	0.00
7) Phenol-d6	6.995	99	9841	4.808	ng	0.00
23) Nitrobenzene-d5	8.975	82	7830	4.175	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	8141	6.855	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	22088	4.970	ng	0.00
79) Terphenyl-d14	19.804	244	47550	5.284	ng	0.00
Target Compounds						
75) Fluoranthene	19.240	202	26663	2.878	ng	Qvalue 97
78) Pyrene	19.604	202	27826	2.518	ng	97

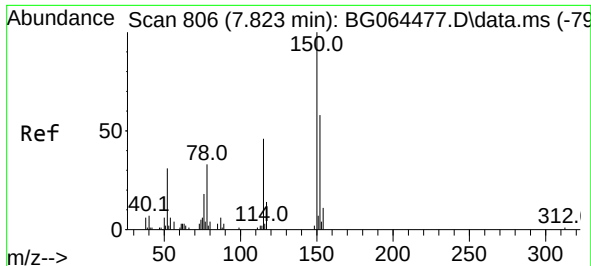
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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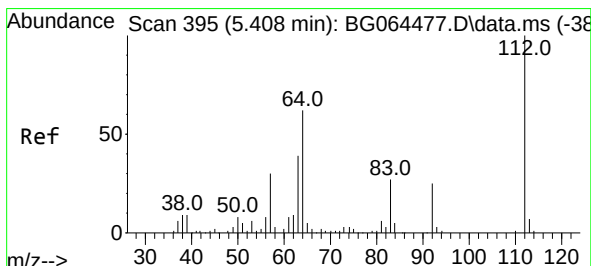
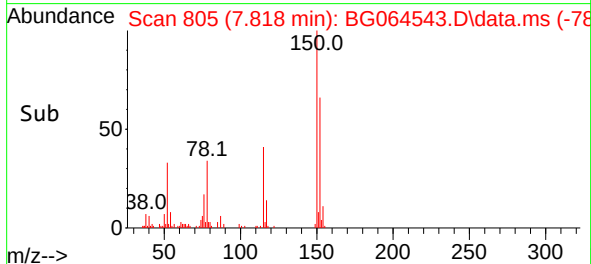
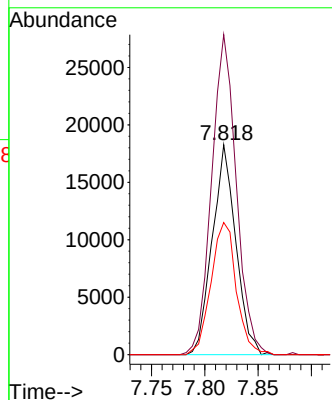
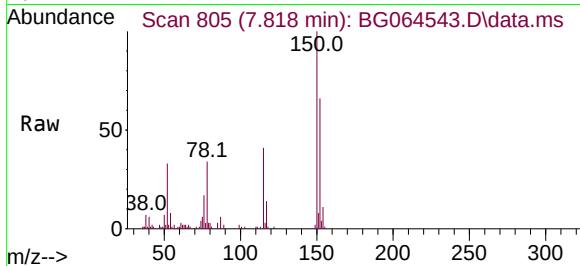




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 806
 Delta R.T. -0.002 min
 Lab File: BG064543.D
 Acq: 17 Oct 2025 19:53

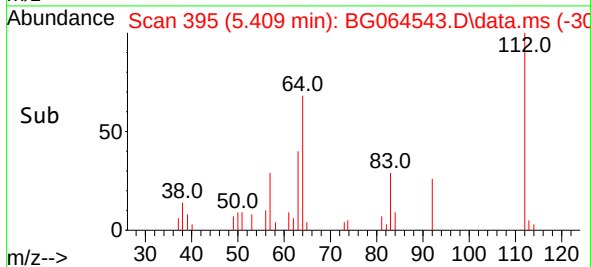
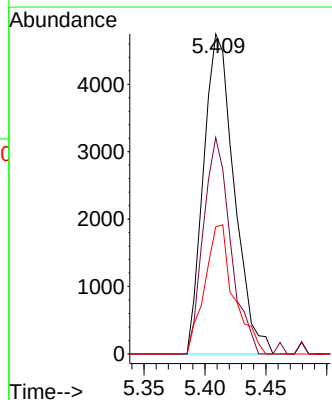
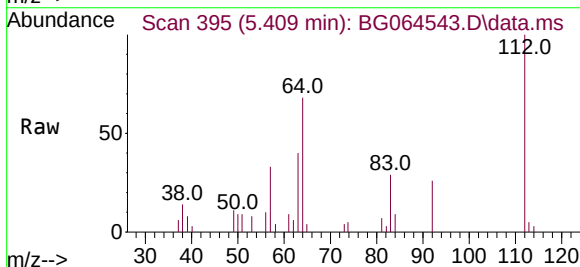
Instrument :
 BNA_G
 ClientSampleId :
 TR-06-101625

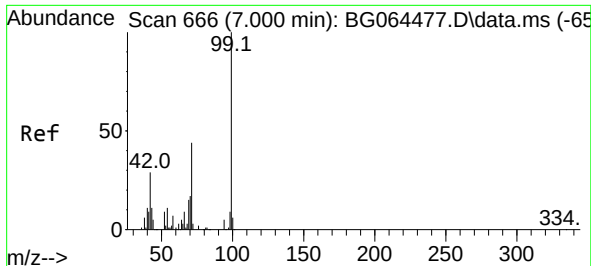
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	138.6	207.8
115	62.9	63.4	95.2



#5
 2-Fluorophenol
 Concen: 5.452 ng
 RT: 5.409 min Scan# 395
 Delta R.T. 0.003 min
 Lab File: BG064543.D
 Acq: 17 Oct 2025 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	49.8	74.8
63	39.7	31.3	46.9

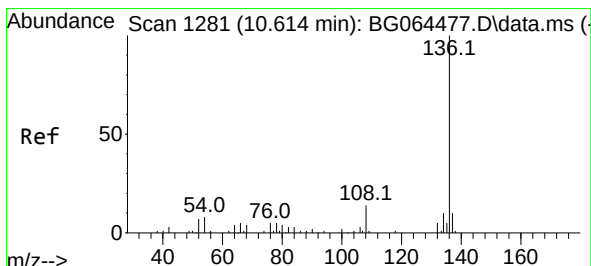
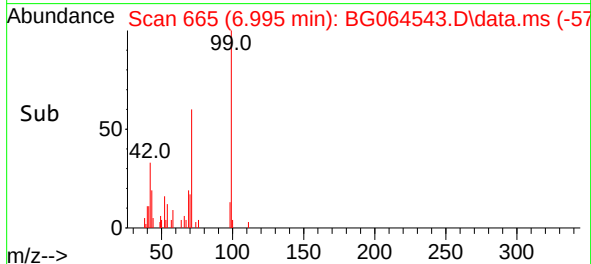
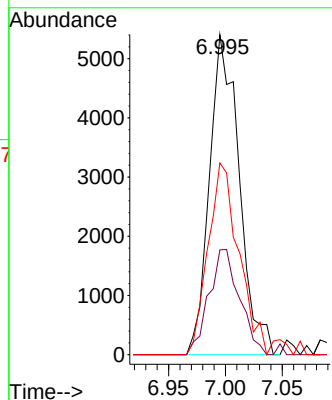
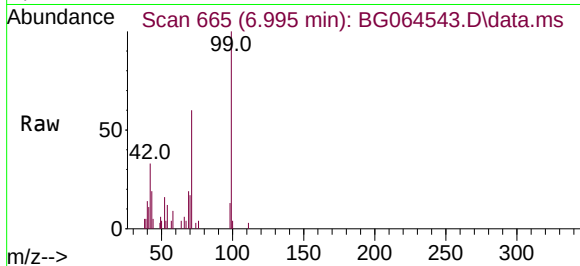




#7
Phenol-d6
Concen: 4.808 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064543.D
Acq: 17 Oct 2025 19:53

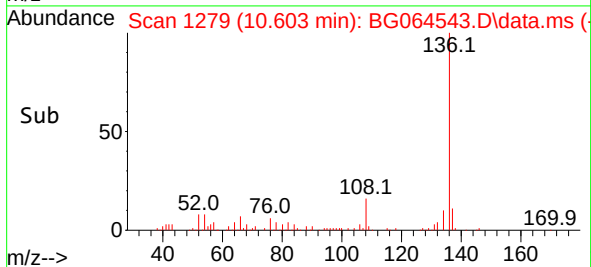
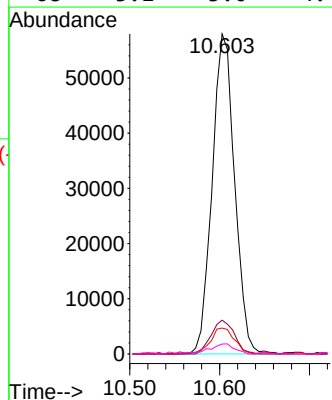
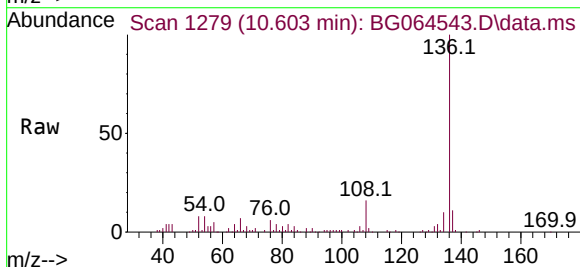
Instrument :
BNA_G
ClientSampleId :
TR-06-101625

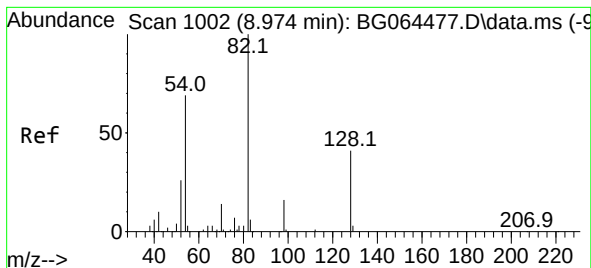
Tgt Ion: 99 Resp: 9841
Ion Ratio Lower Upper
99 100
42 32.7 22.9 34.3
71 59.9 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG064543.D
Acq: 17 Oct 2025 19:53

Tgt Ion:136 Resp: 100839
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 8.1 6.2 9.4
68 3.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 4.175 ng

RT: 8.975 min Scan# 1002

Delta R.T. 0.009 min

Lab File: BG064543.D

Acq: 17 Oct 2025 19:53

Instrument :

BNA_G

ClientSampleId :

TR-06-101625

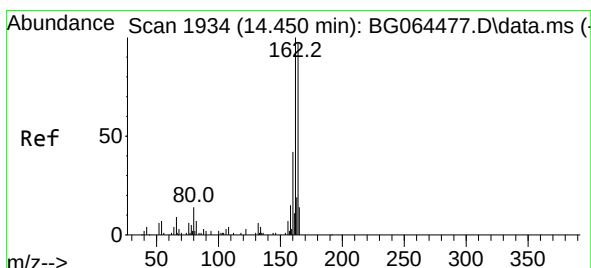
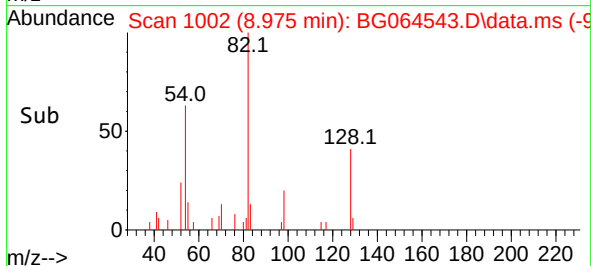
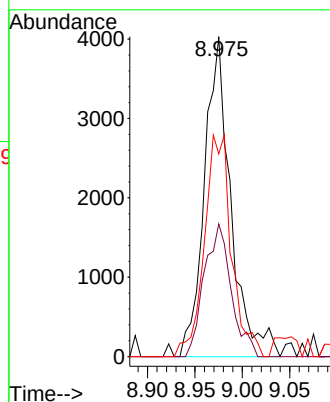
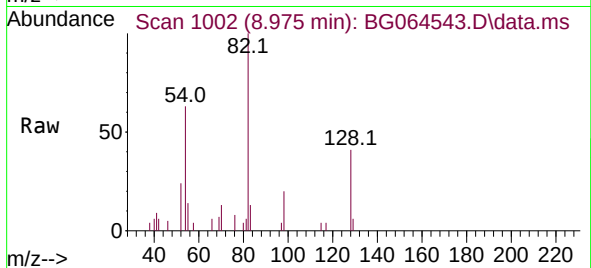
Tgt Ion: 82 Resp: 7830

Ion Ratio Lower Upper

82 100

128 41.5 33.1 49.7

54 63.3 55.4 83.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG064543.D

Acq: 17 Oct 2025 19:53

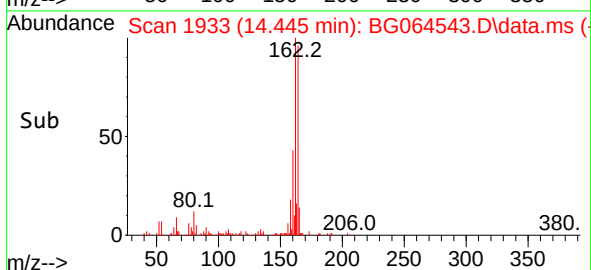
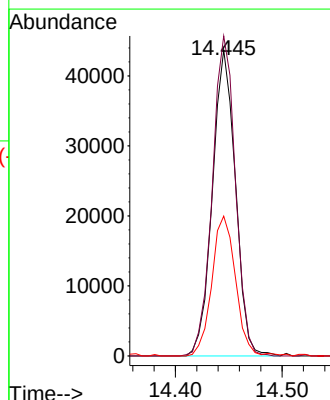
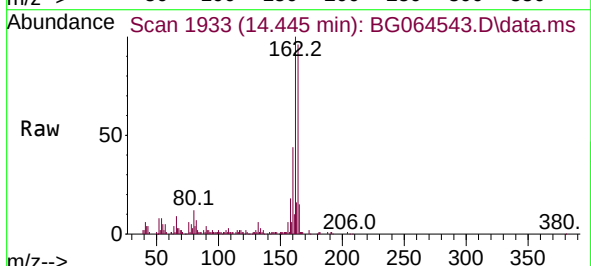
Tgt Ion:164 Resp: 65515

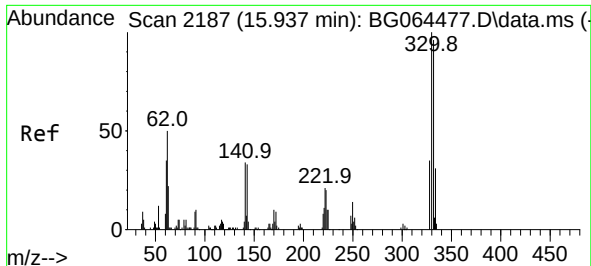
Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

160 45.7 34.3 51.5

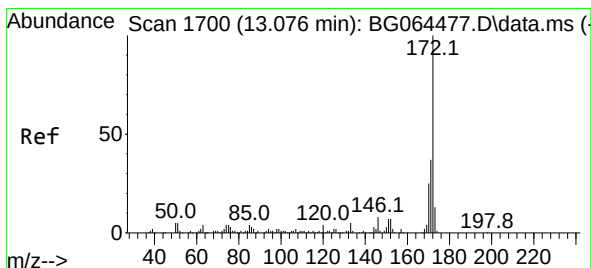
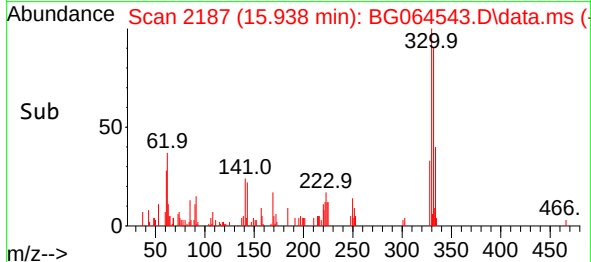
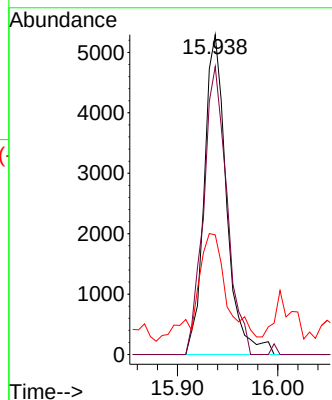
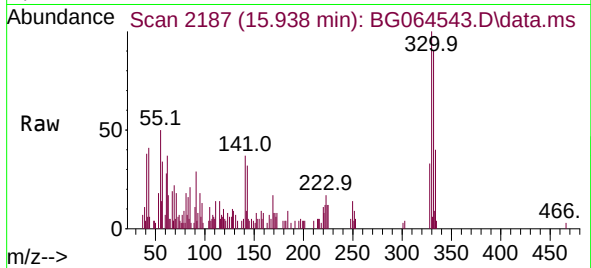




#42
2,4,6-Tribromophenol
Concen: 6.855 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064543.D
Acq: 17 Oct 2025 19:53

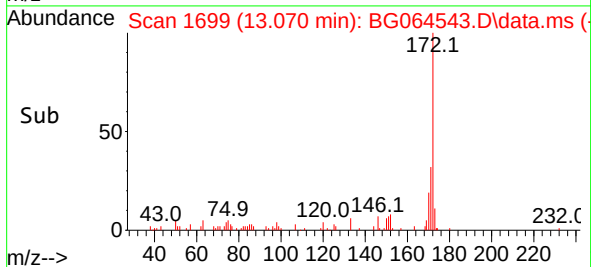
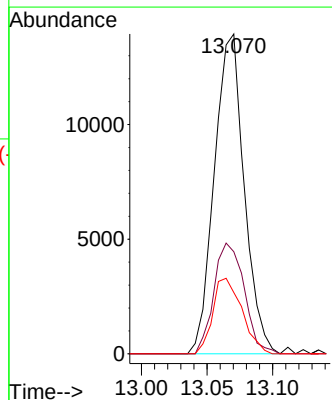
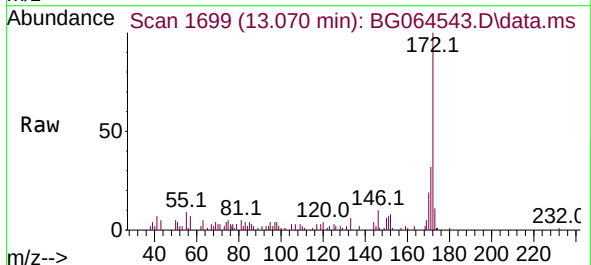
Instrument :
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TR-06-101625

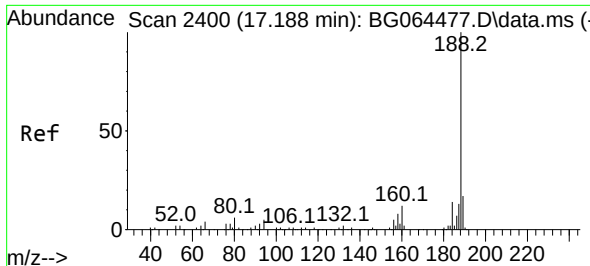
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	45.0	25.8	38.6



#45
2-Fluorobiphenyl
Concen: 4.970 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064543.D
Acq: 17 Oct 2025 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.9	29.6	44.4
170	19.2	20.2	30.2

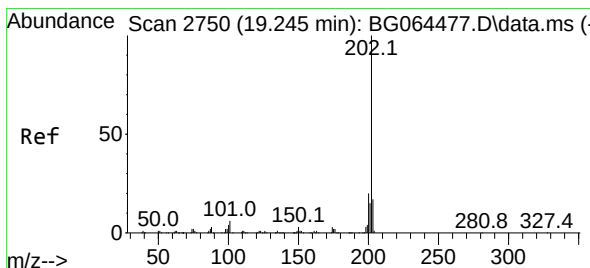
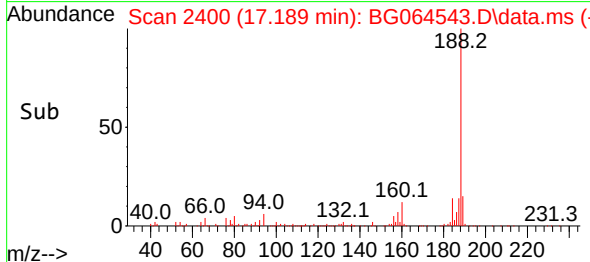
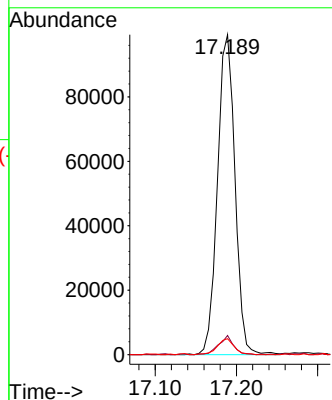
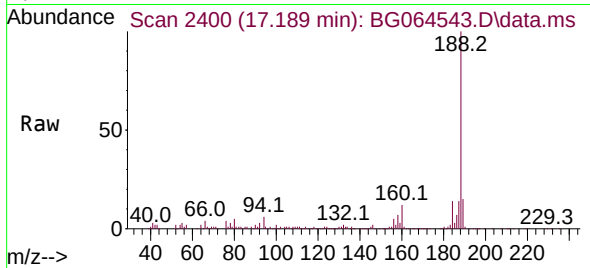




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064543.D
Acq: 17 Oct 2025 19:53

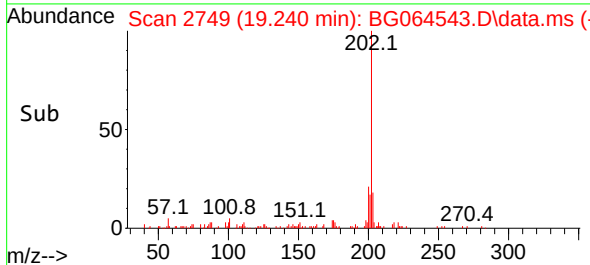
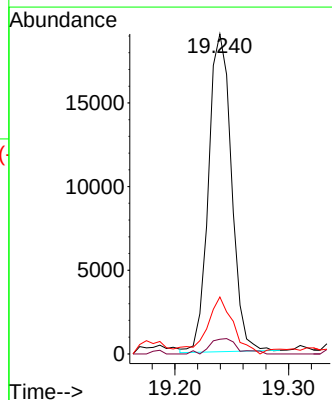
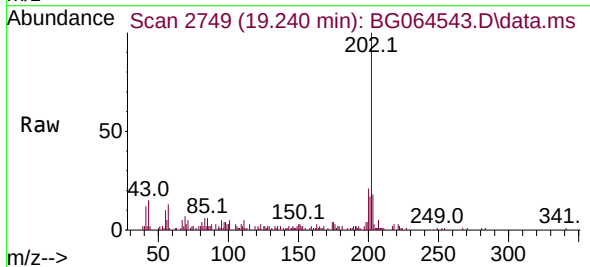
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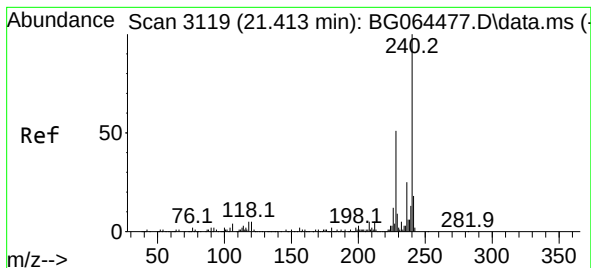
Tgt Ion:188 Resp: 148272
Ion Ratio Lower Upper
188 100
94 6.0 3.7 5.5#
80 5.0 4.5 6.7



#75
Fluoranthene
Concen: 2.878 ng
RT: 19.240 min Scan# 2749
Delta R.T. 0.003 min
Lab File: BG064543.D
Acq: 17 Oct 2025 19:53

Tgt Ion:202 Resp: 26663
Ion Ratio Lower Upper
202 100
101 4.6 0.0 25.7
203 17.8 0.0 36.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.414 min Scan# 3119

Delta R.T. 0.004 min

Lab File: BG064543.D

Acq: 17 Oct 2025 19:53

Instrument :

BNA_G

ClientSampleId :

TR-06-101625

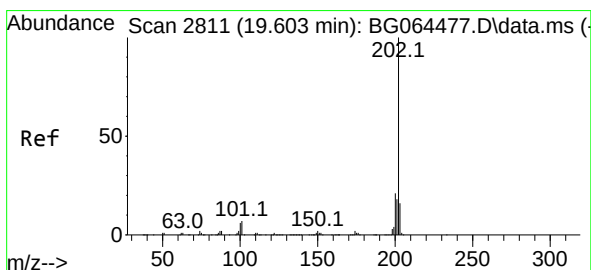
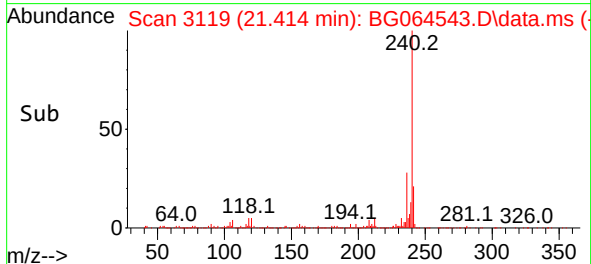
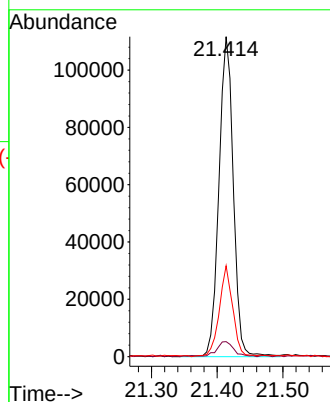
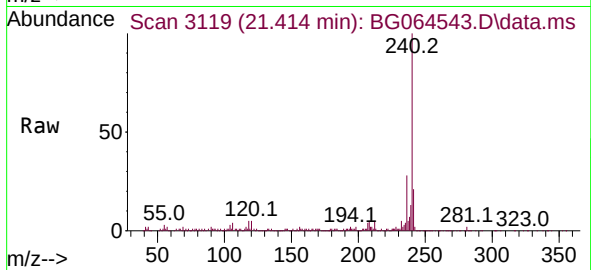
Tgt Ion:240 Resp: 170289

Ion Ratio Lower Upper

240 100

120 4.7 4.3 6.5

236 28.4 20.4 30.6



#78

Pyrene

Concen: 2.518 ng

RT: 19.604 min Scan# 2811

Delta R.T. 0.003 min

Lab File: BG064543.D

Acq: 17 Oct 2025 19:53

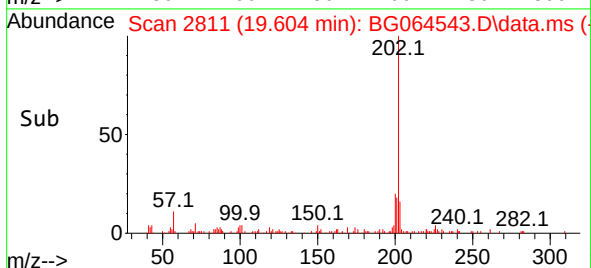
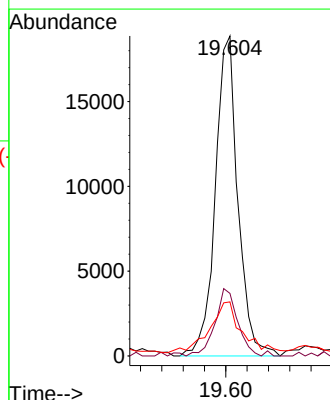
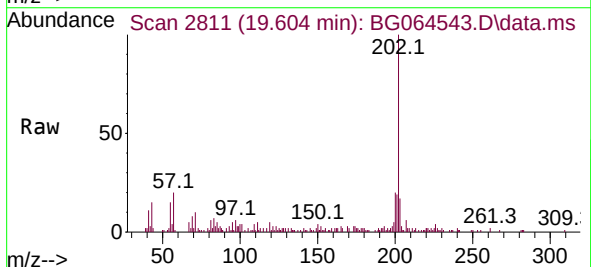
Tgt Ion:202 Resp: 27826

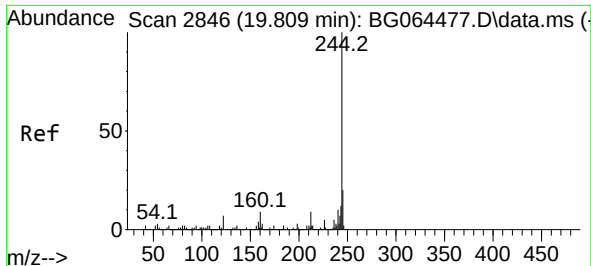
Ion Ratio Lower Upper

202 100

200 19.5 17.0 25.4

203 16.9 13.0 19.4

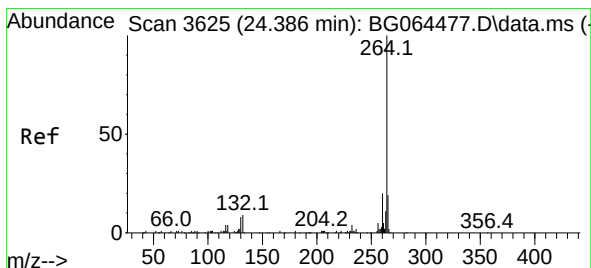
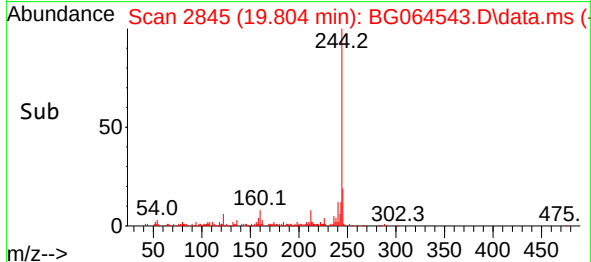
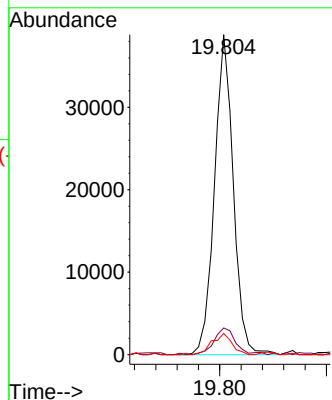
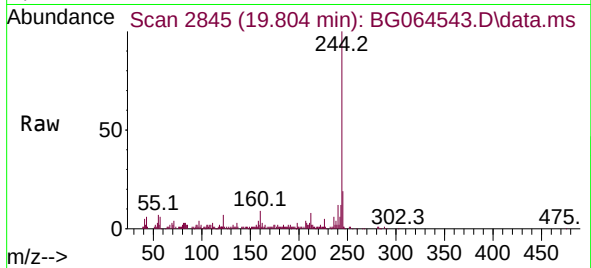




#79
 Terphenyl-d14
 Concen: 5.284 ng
 RT: 19.804 min Scan# 2846
 Delta R.T. -0.003 min
 Lab File: BG064543.D
 Acq: 17 Oct 2025 19:53

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-101625

Tgt Ion:244 Resp: 47550
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.6
 122 6.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.404 min Scan# 3628
 Delta R.T. 0.015 min
 Lab File: BG064543.D
 Acq: 17 Oct 2025 19:53

Tgt Ion:264 Resp: 194832
 Ion Ratio Lower Upper
 264 100
 260 25.0 16.2 24.4#
 265 19.9 15.0 22.4

