

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064131.D
 Acq On : 1 Apr 2025 12:19
 Operator : RC/JU
 Sample : PB167373TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167373TB

Quant Time: Apr 01 12:57:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	29447	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	135773	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	106059	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	262359	20.000	ng	0.00
76) Chrysene-d12	21.452	240	259692	20.000	ng	0.00
86) Perylene-d12	24.466	264	279042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	292726	155.220	ng	0.00
7) Phenol-d6	7.027	99	382804	149.210	ng	0.00
23) Nitrobenzene-d5	9.013	82	253251	103.077	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	199862	169.530	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	661157	94.623	ng	0.00
79) Terphenyl-d14	19.848	244	1291373	100.548	ng	0.00

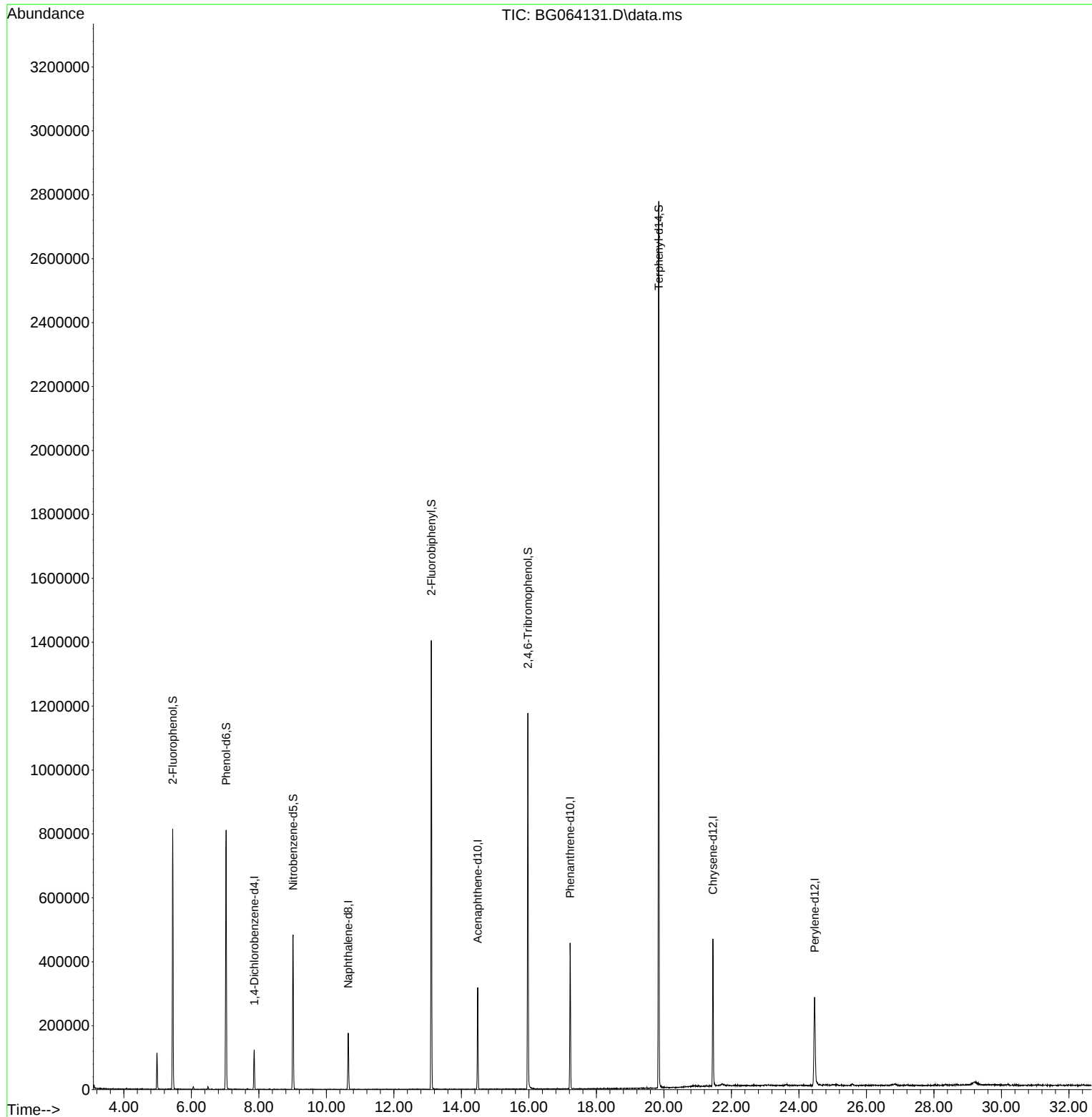
Target Compounds	Qvalue

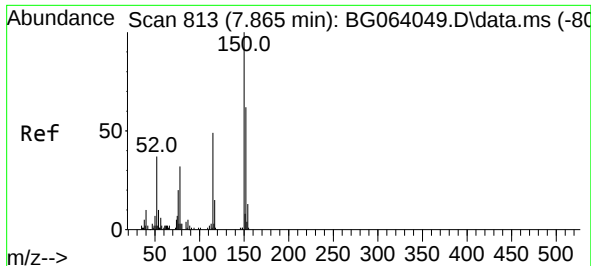
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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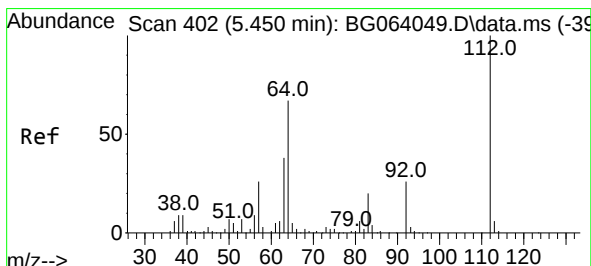
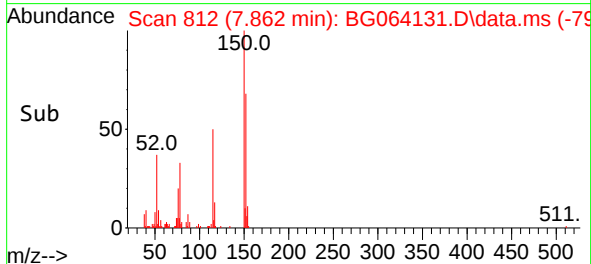
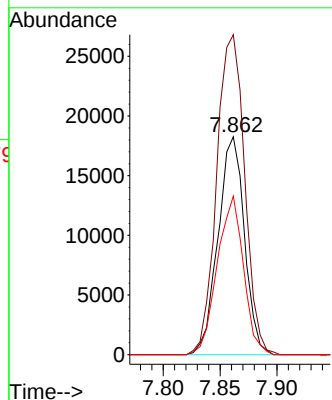
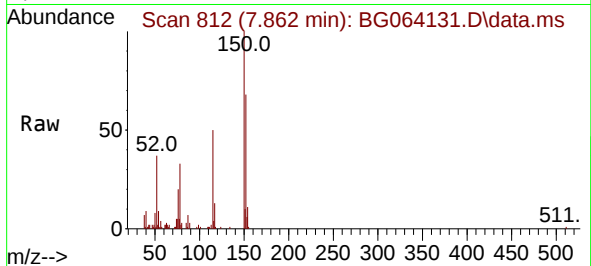




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

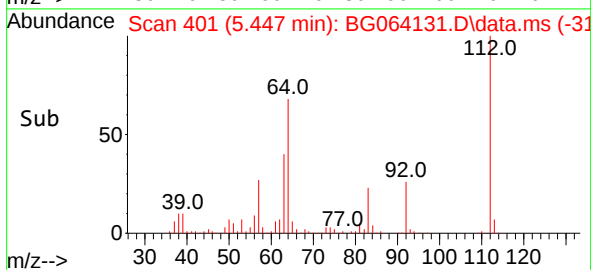
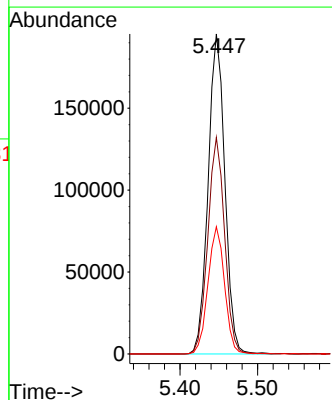
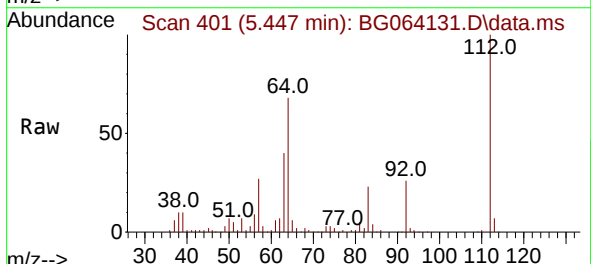
Instrument :
BNA_G
ClientSampleId :
PB167373TB

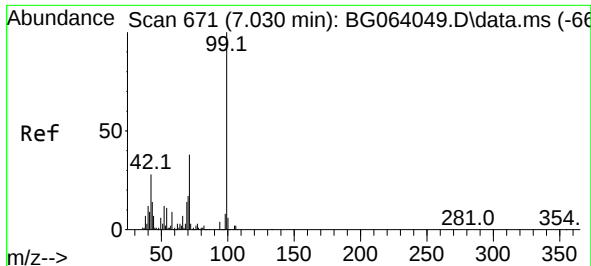
Tgt Ion:152 Resp: 29447
Ion Ratio Lower Upper
152 100
150 146.8 129.2 193.8
115 72.7 63.0 94.6



#5
2-Fluorophenol
Concen: 155.220 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion:112 Resp: 292726
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 39.8 30.2 45.4

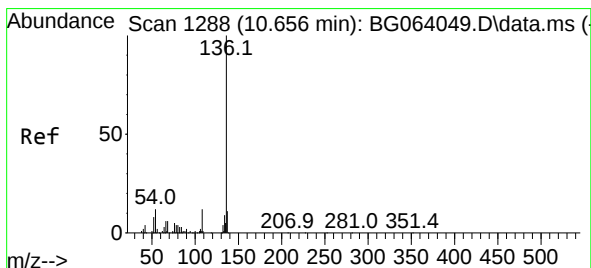
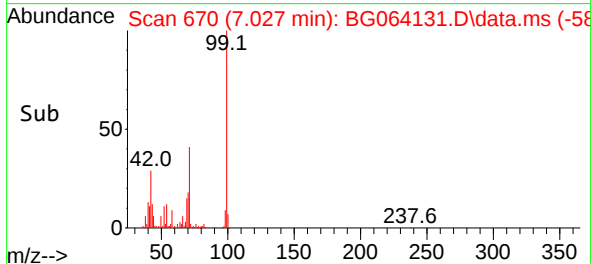
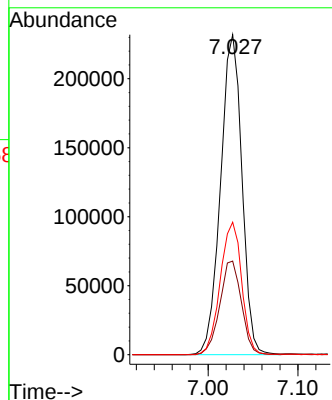
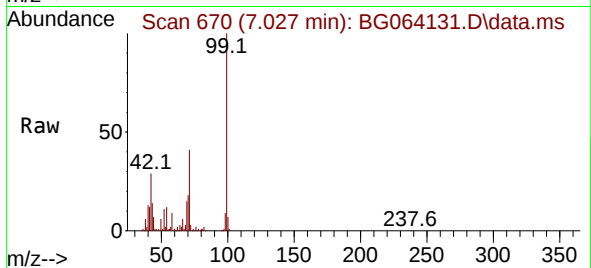




#7
Phenol-d6
Concen: 149.210 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

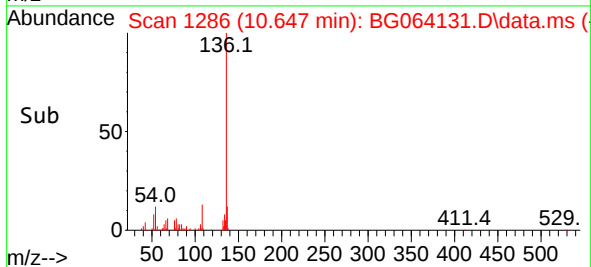
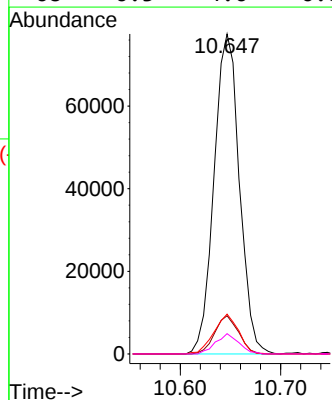
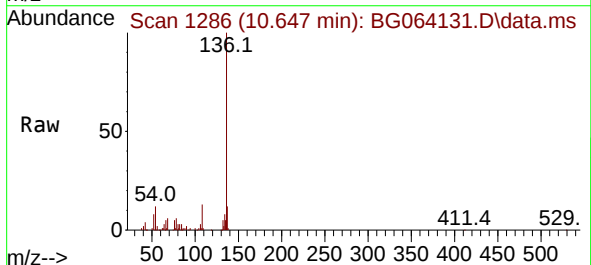
Instrument :
BNA_G
ClientSampleId :
PB167373TB

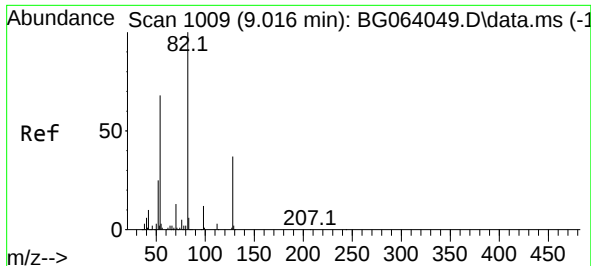
Tgt Ion: 99 Resp: 382804
Ion Ratio Lower Upper
99 100
42 29.2 22.7 34.1
71 41.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion: 136 Resp: 135773
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 12.4 9.9 14.9
68 6.3 4.6 6.8

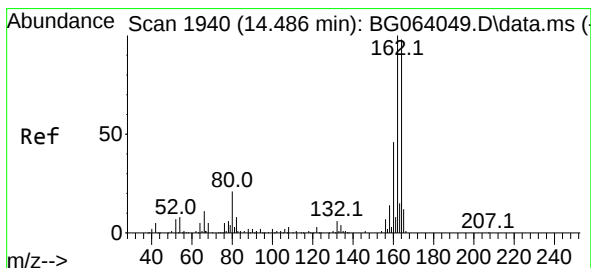
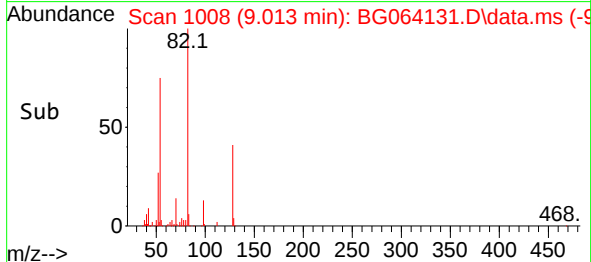
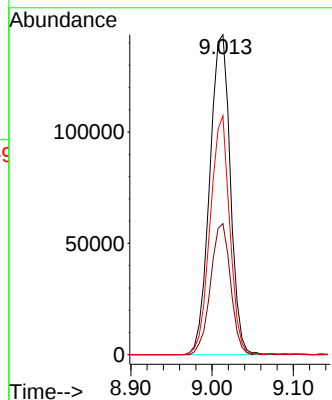
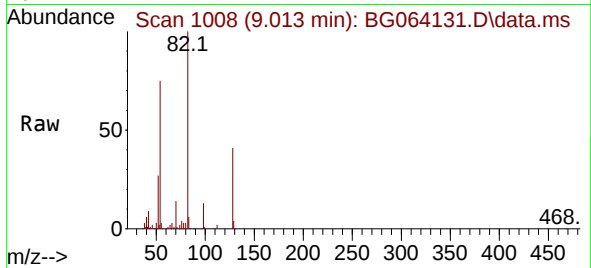




#23
Nitrobenzene-d5
Concen: 103.077 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

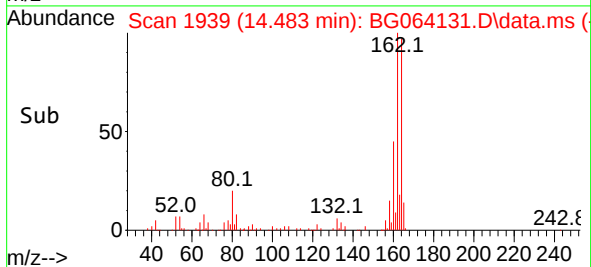
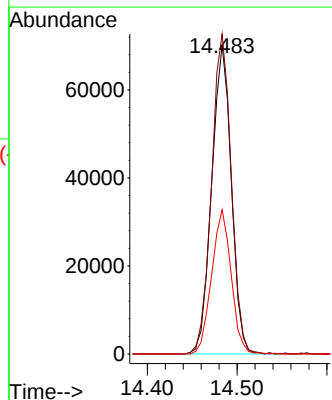
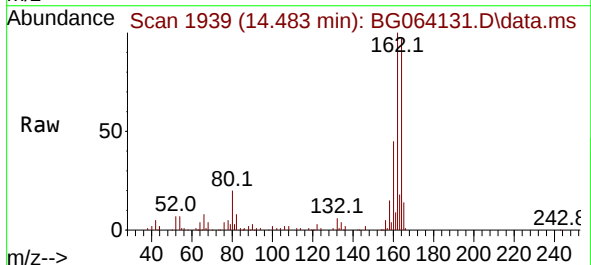
Instrument :
BNA_G
ClientSampleId :
PB167373TB

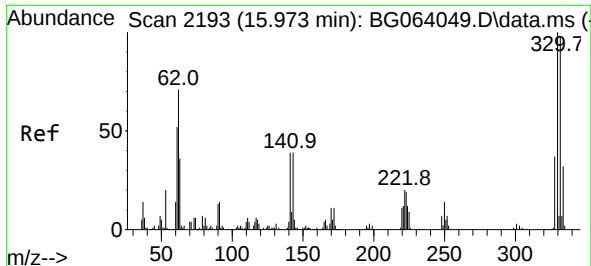
Tgt Ion: 82 Resp: 253251
Ion Ratio Lower Upper
82 100
128 41.0 30.0 45.0
54 74.7 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064131.D
Acq: 1 Apr 2025 12:19

Tgt Ion:164 Resp: 106059
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 46.7 37.0 55.6

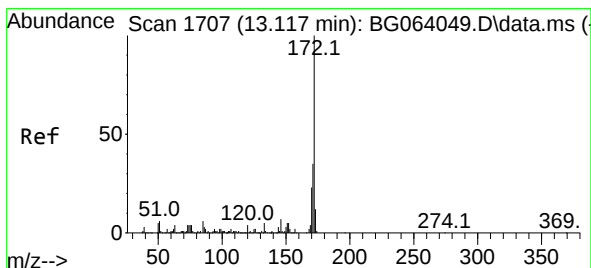
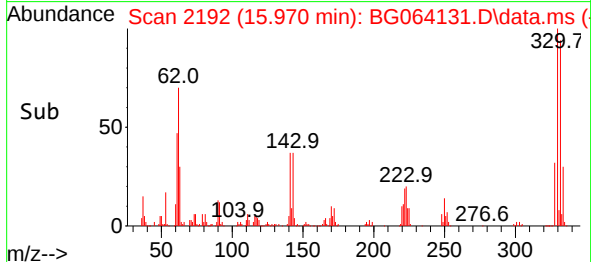
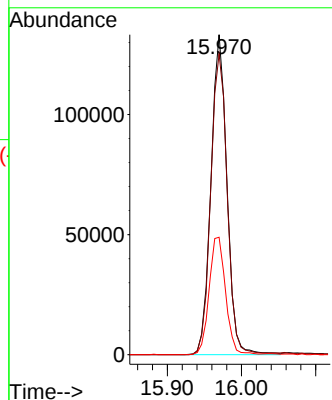
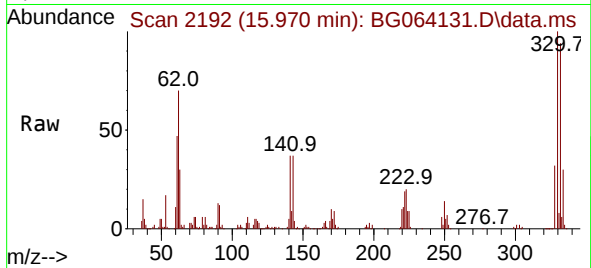




#42
 2,4,6-Tribromophenol
 Concen: 169.530 ng
 RT: 15.970 min Scan# 2192
 Delta R.T. -0.003 min
 Lab File: BG064131.D
 Acq: 1 Apr 2025 12:19

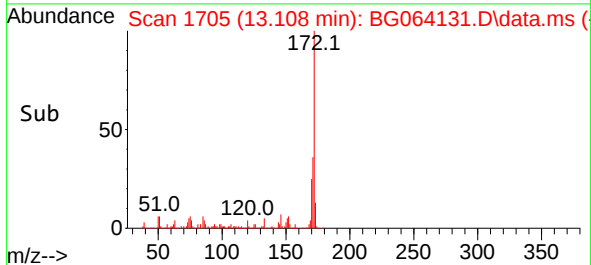
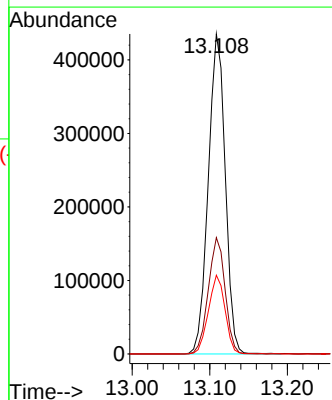
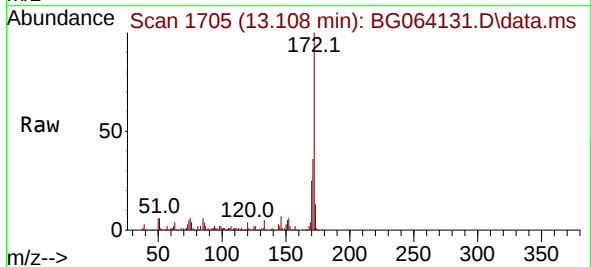
Instrument :
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 ClientSampleId :
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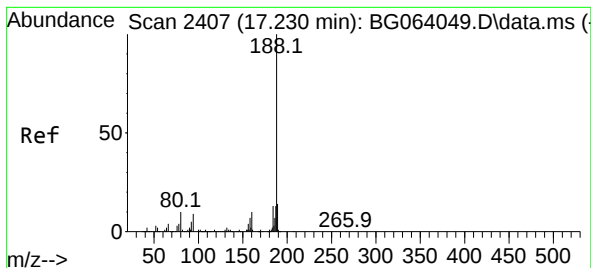
Tgt Ion:330 Resp: 199862
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 37.8 29.7 44.5



#45
 2-Fluorobiphenyl
 Concen: 94.623 ng
 RT: 13.108 min Scan# 1705
 Delta R.T. -0.009 min
 Lab File: BG064131.D
 Acq: 1 Apr 2025 12:19

Tgt Ion:172 Resp: 661157
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.0 42.0
 170 24.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BG064131.D

Acq: 1 Apr 2025 12:19

Instrument :

BNA_G

ClientSampleId :

PB167373TB

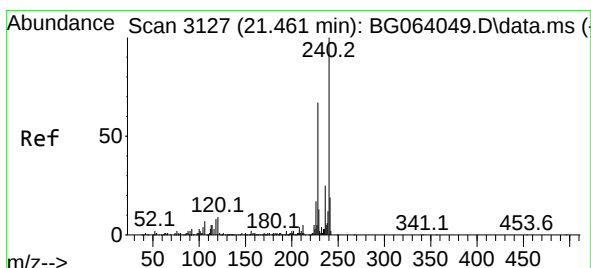
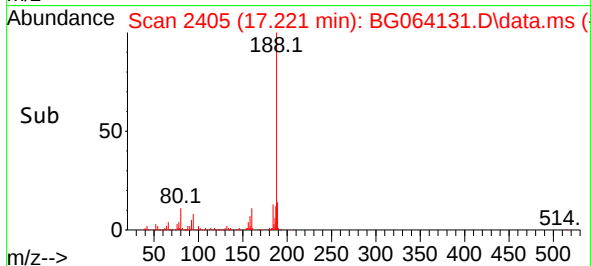
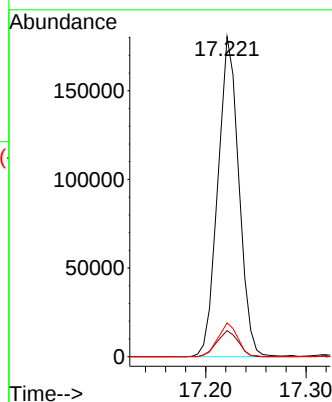
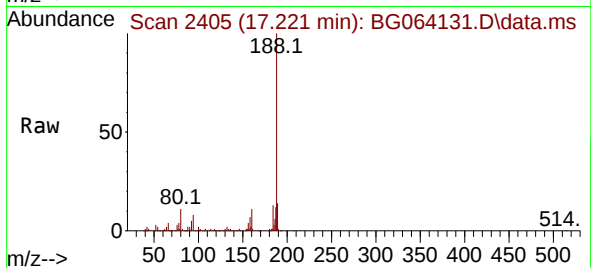
Tgt Ion:188 Resp: 262359

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 10.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.452 min Scan# 3125

Delta R.T. -0.009 min

Lab File: BG064131.D

Acq: 1 Apr 2025 12:19

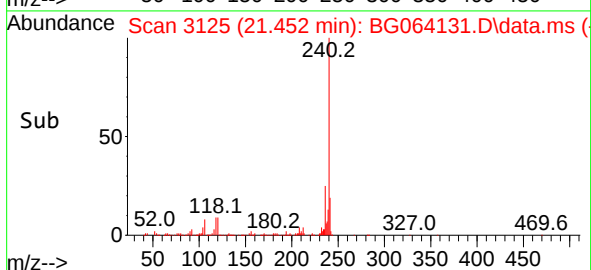
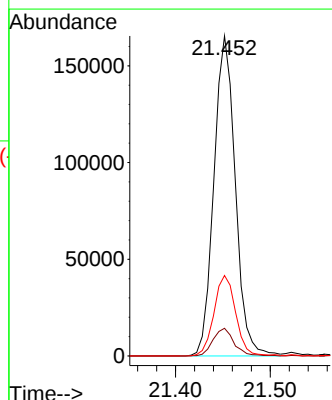
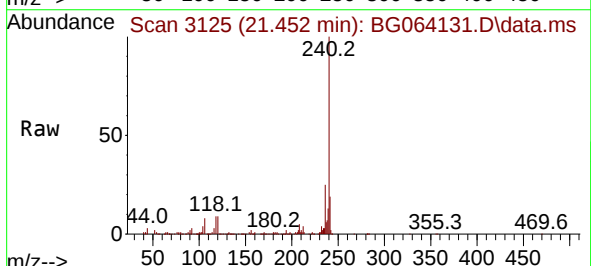
Tgt Ion:240 Resp: 259692

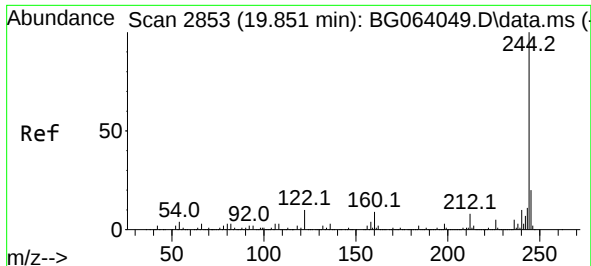
Ion Ratio Lower Upper

240 100

120 8.6 7.2 10.8

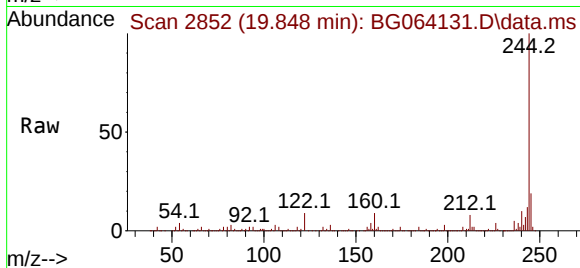
236 25.2 20.2 30.2





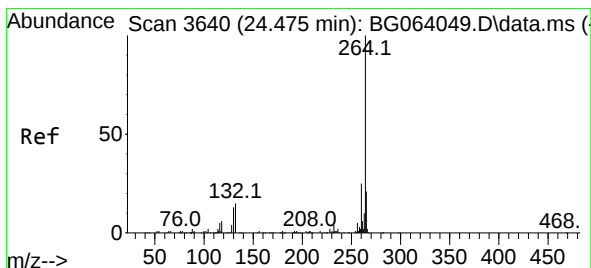
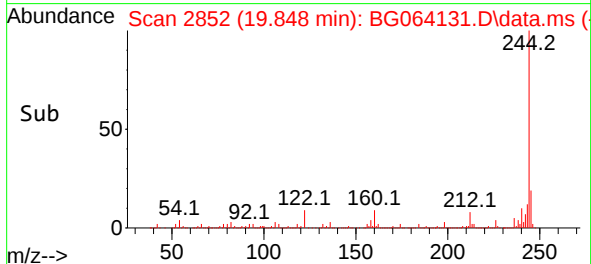
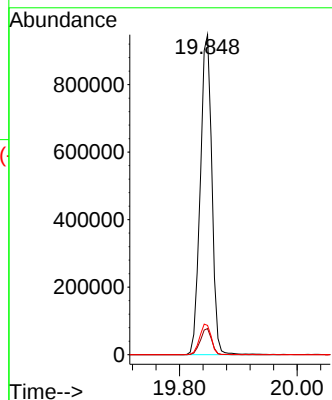
#79
 Terphenyl-d14
 Concen: 100.548 ng
 RT: 19.848 min Scan# 2852
 Delta R.T. -0.003 min
 Lab File: BG064131.D
 Acq: 1 Apr 2025 12:19

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1291373

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	9.1	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.466 min Scan# 3638
 Delta R.T. -0.009 min
 Lab File: BG064131.D
 Acq: 1 Apr 2025 12:19

Tgt Ion:264 Resp: 279042

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.3	16.6	25.0

