

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064021.D
 Acq On : 6 Feb 2025 17:14
 Operator : RC/JU
 Sample : PB166363BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166363BL

Quant Time: Feb 07 03:00:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	62081	20.000	ng	0.00
21) Naphthalene-d8	10.659	136	264327	20.000	ng	0.00
39) Acenaphthene-d10	14.495	164	179896	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	424234	20.000	ng	0.00
76) Chrysene-d12	21.469	240	451313	20.000	ng	0.00
86) Perylene-d12	24.501	264	460557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.465	112	543852	140.456	ng	0.00
7) Phenol-d6	7.039	99	701839	132.082	ng	0.00
23) Nitrobenzene-d5	9.019	82	441109	101.422	ng	0.00
42) 2,4,6-Tribromophenol	15.982	330	260428	125.853	ng	0.00
45) 2-Fluorobiphenyl	13.120	172	1001438	85.291	ng	0.00
79) Terphenyl-d14	19.860	244	1996743	92.400	ng	0.00

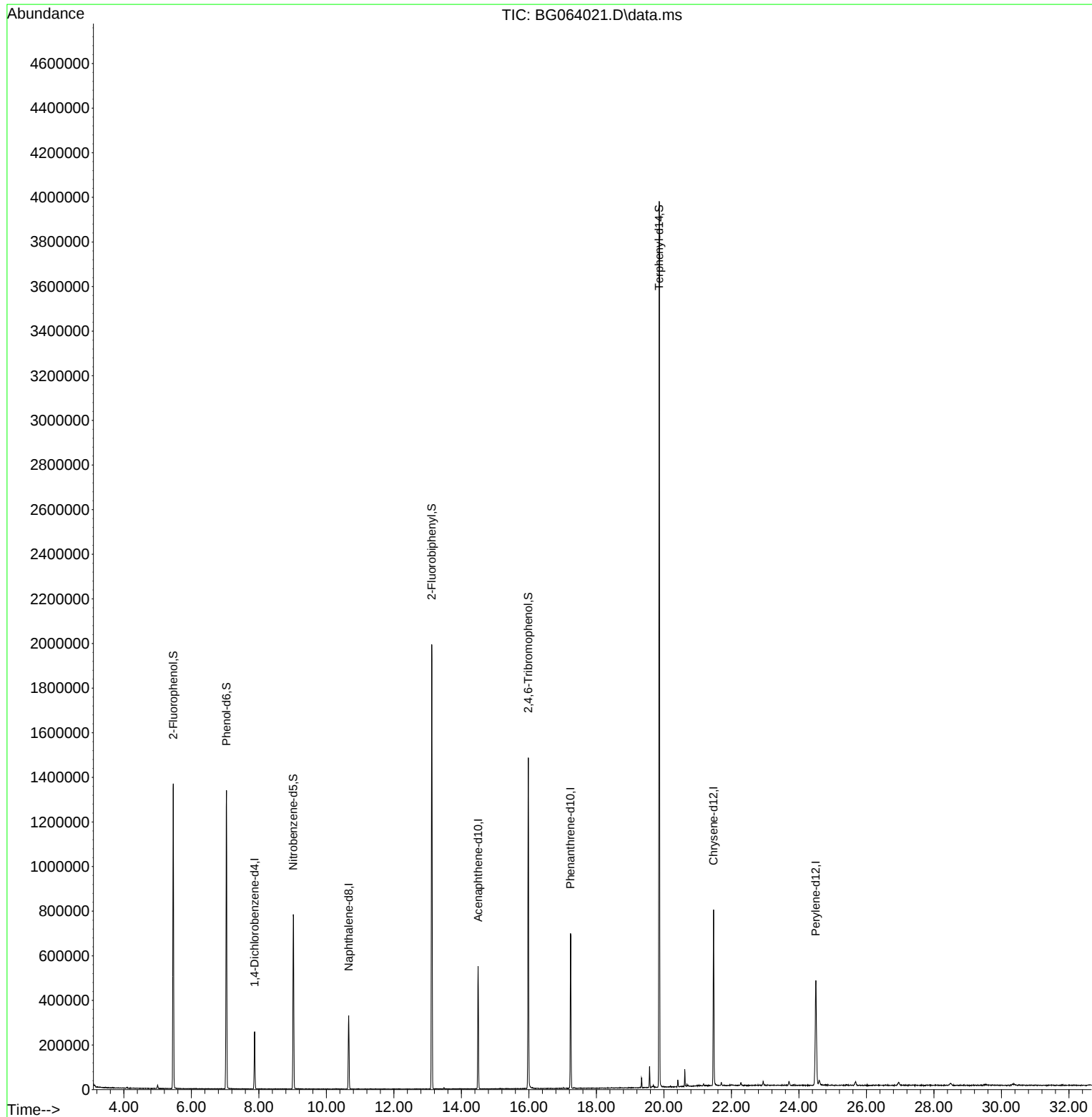
Target Compounds	Qvalue

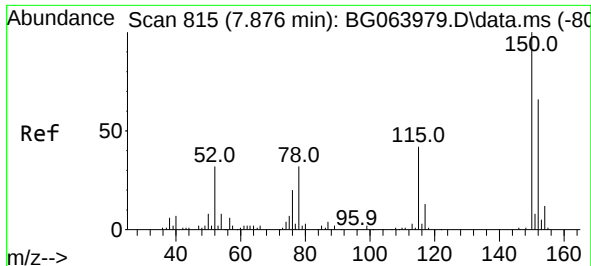
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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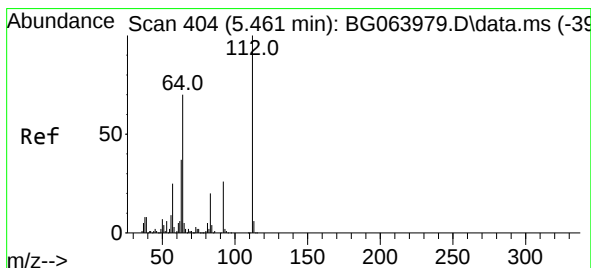
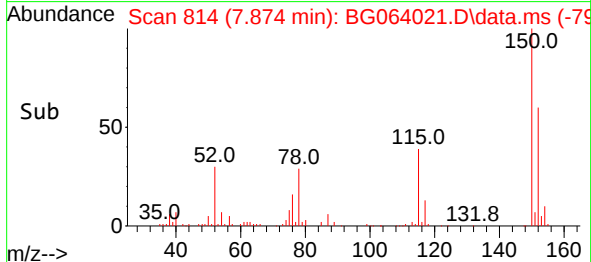
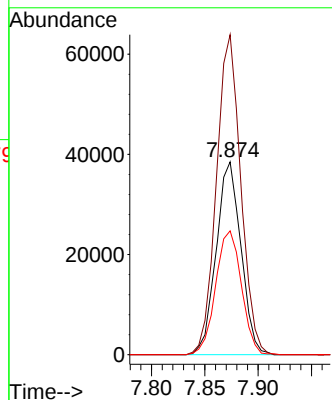
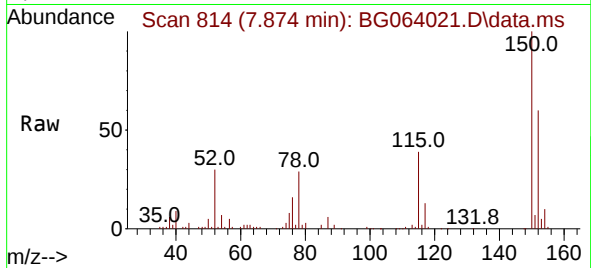




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.874 min Scan# 815
Delta R.T. -0.002 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

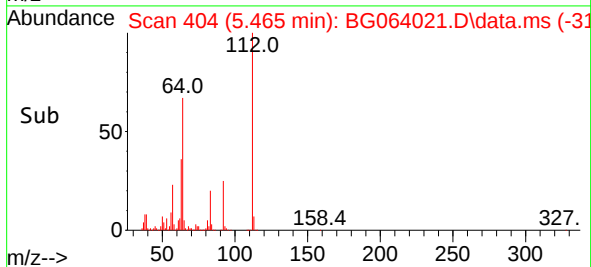
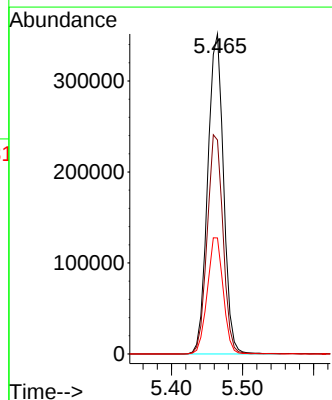
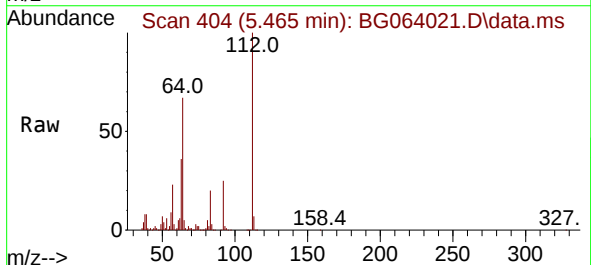
Instrument :
BNA_G
ClientSampleId :
PB166363BL

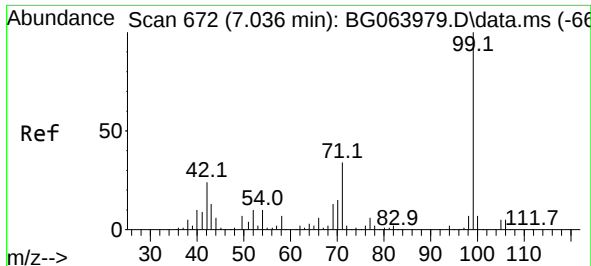
Tgt Ion:152 Resp: 62081
Ion Ratio Lower Upper
152 100
150 166.0 121.0 181.6
115 64.2 50.4 75.6



#5
2-Fluorophenol
Concen: 140.456 ng
RT: 5.465 min Scan# 404
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:112 Resp: 543852
Ion Ratio Lower Upper
112 100
64 66.9 55.8 83.8
63 36.3 29.3 43.9

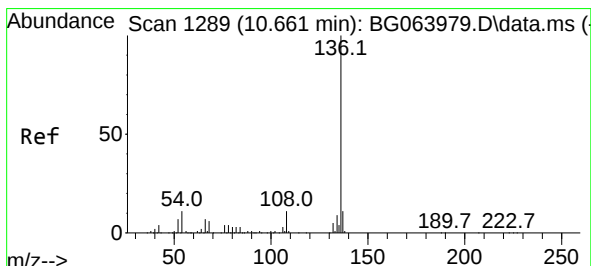
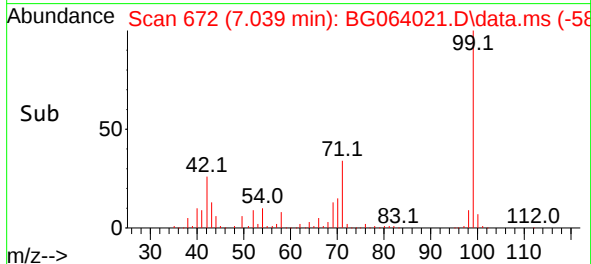
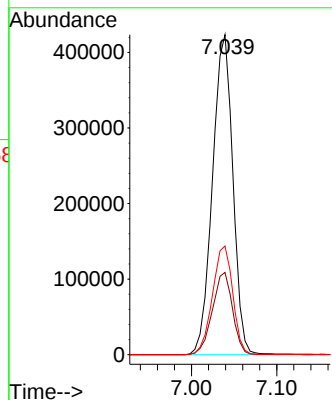
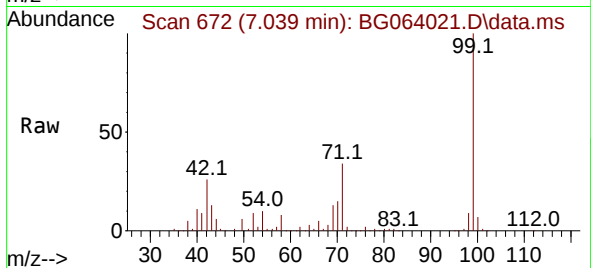




#7
Phenol-d6
Concen: 132.082 ng
RT: 7.039 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

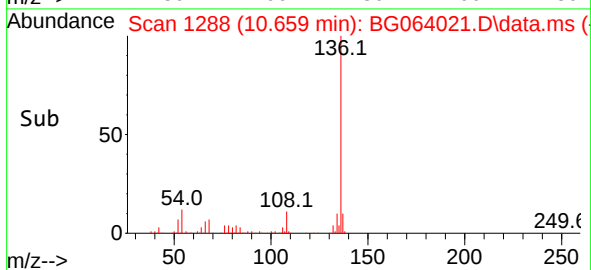
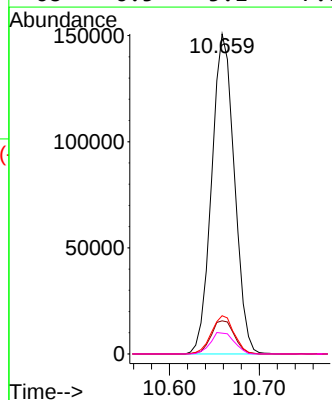
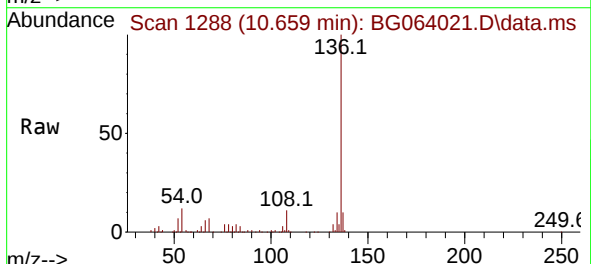
Instrument :
BNA_G
ClientSampleId :
PB166363BL

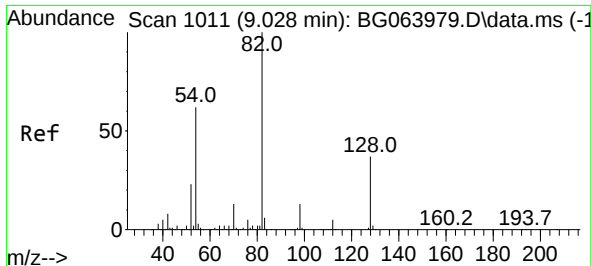
Tgt Ion: 99 Resp: 701839
Ion Ratio Lower Upper
99 100
42 25.7 18.9 28.3
71 34.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.659 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:136 Resp: 264327
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 12.0 9.2 13.8
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 101.422 ng

RT: 9.019 min Scan# 1009

Delta R.T. -0.009 min

Lab File: BG064021.D

Acq: 6 Feb 2025 17:14

Instrument :

BNA_G

ClientSampleId :

PB166363BL

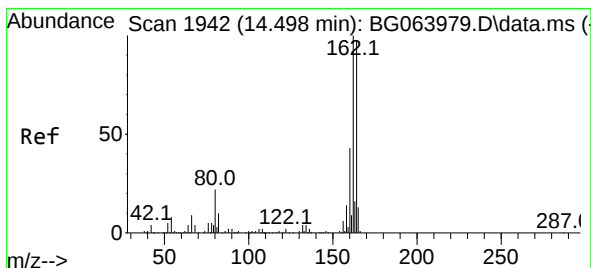
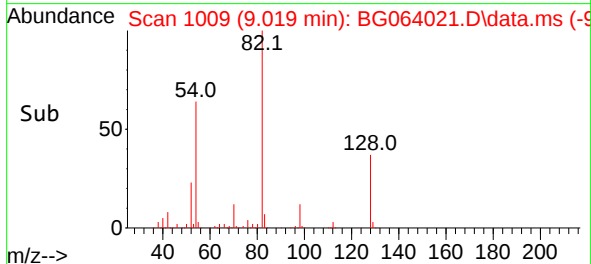
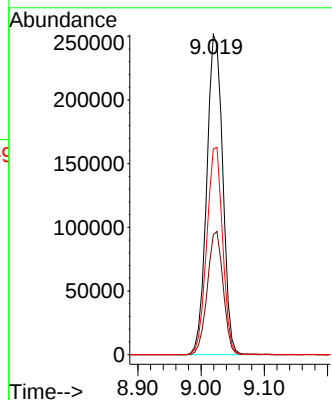
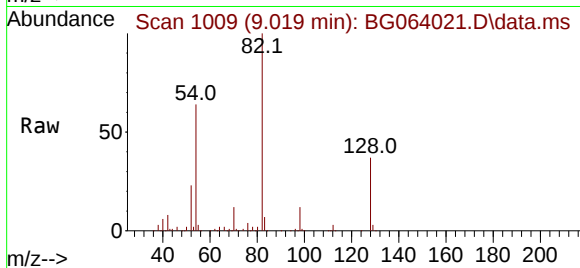
Tgt Ion: 82 Resp: 441109

Ion Ratio Lower Upper

82 100

128 37.5 29.4 44.2

54 64.3 49.9 74.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.495 min Scan# 1941

Delta R.T. -0.003 min

Lab File: BG064021.D

Acq: 6 Feb 2025 17:14

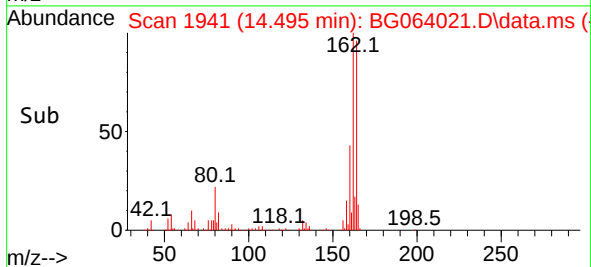
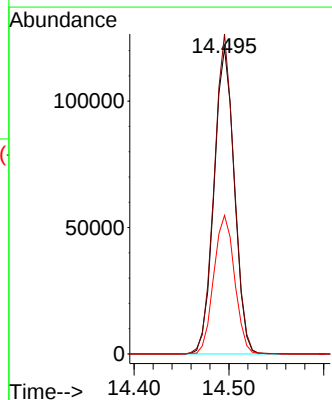
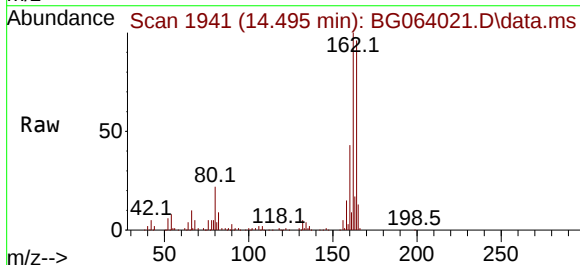
Tgt Ion:164 Resp: 179896

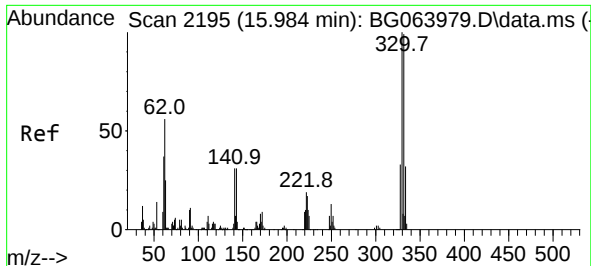
Ion Ratio Lower Upper

164 100

162 104.7 82.3 123.5

160 45.3 35.4 53.0

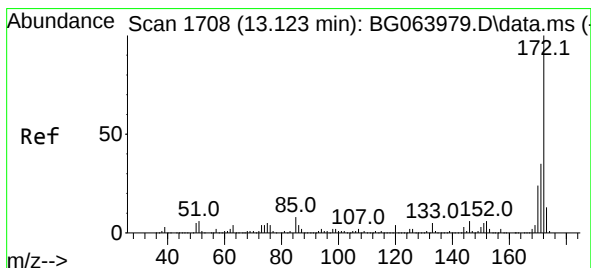
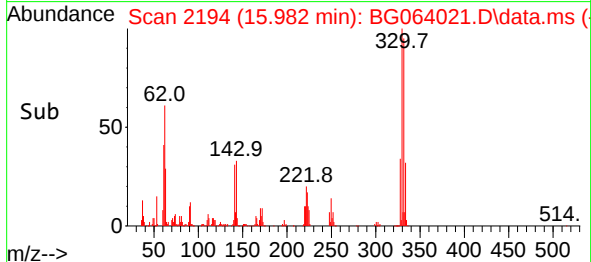
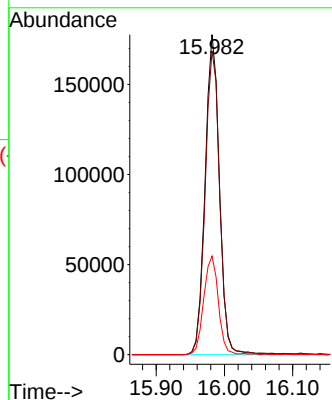
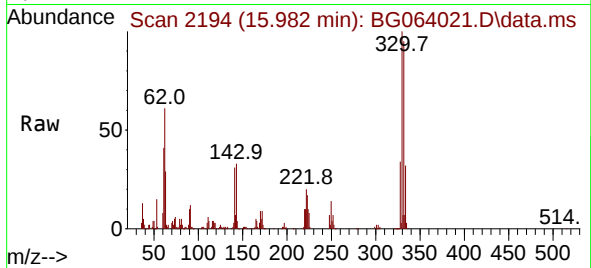




#42
2,4,6-Tribromophenol
Concen: 125.853 ng
RT: 15.982 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

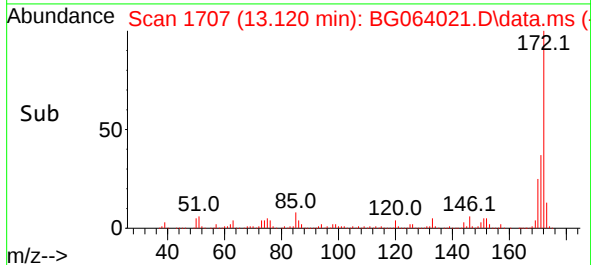
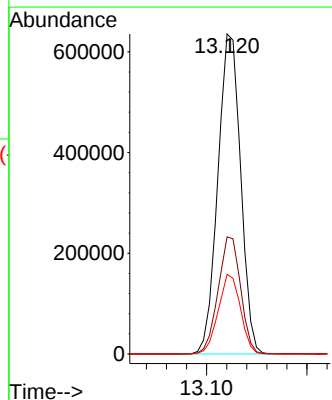
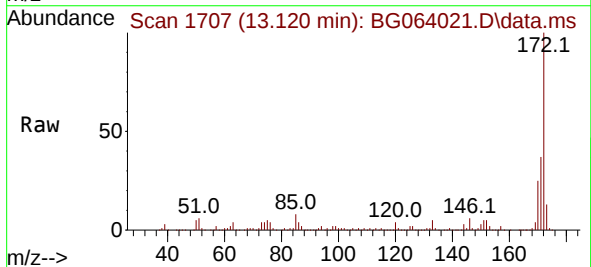
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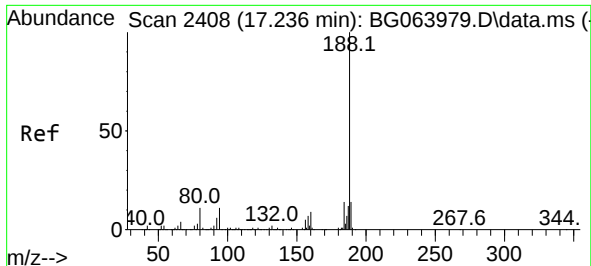
Tgt Ion:330 Resp: 260428
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.6
141 31.5 27.2 40.8



#45
2-Fluorobiphenyl
Concen: 85.291 ng
RT: 13.120 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:172 Resp: 1001438
Ion Ratio Lower Upper
172 100
171 36.6 27.8 41.6
170 24.8 19.4 29.2

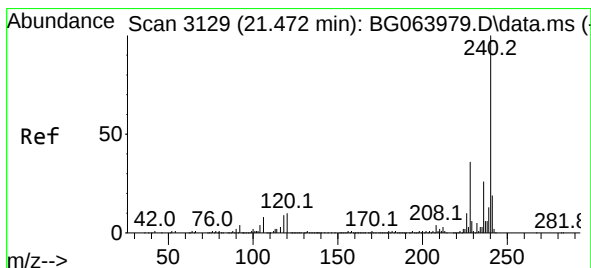
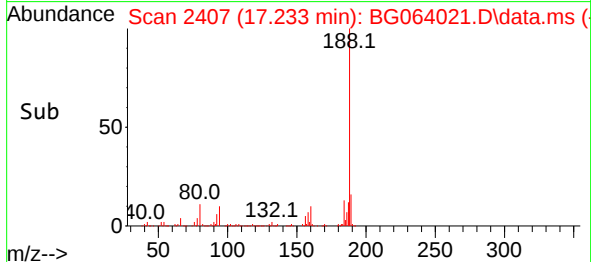
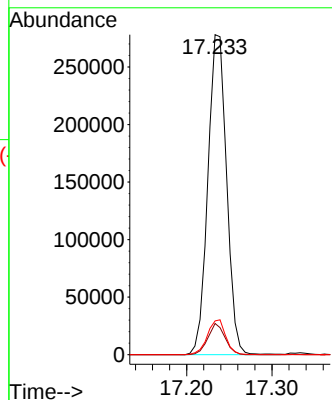
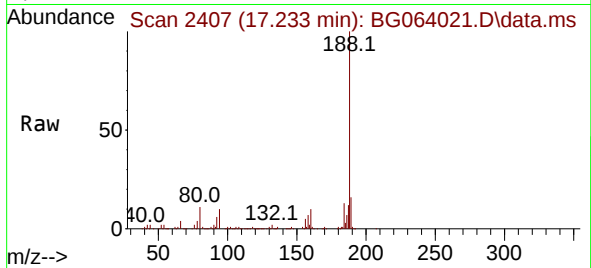




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

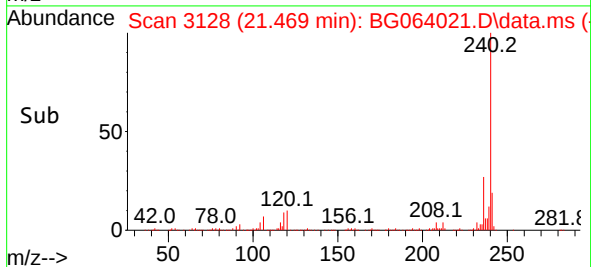
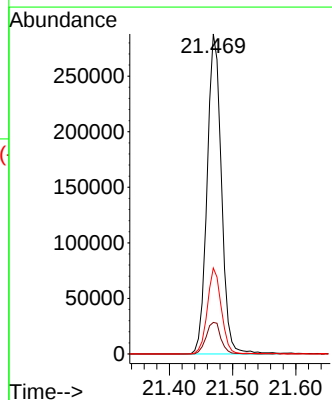
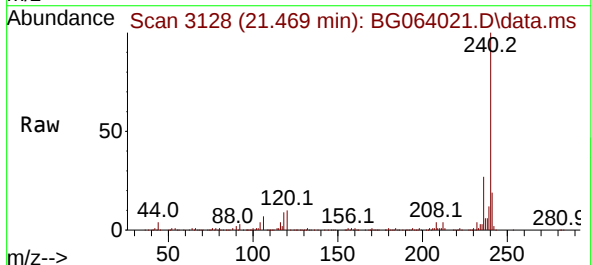
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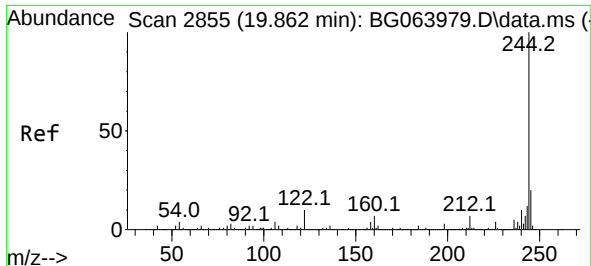
Tgt Ion:188 Resp: 424234
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.469 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

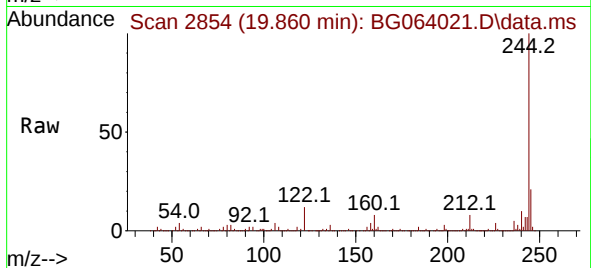
Tgt Ion:240 Resp: 451313
Ion Ratio Lower Upper
240 100
120 9.9 7.9 11.9
236 26.8 21.0 31.6



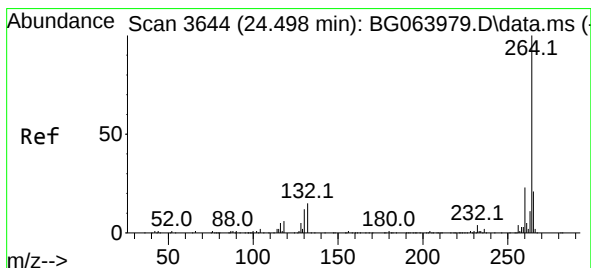
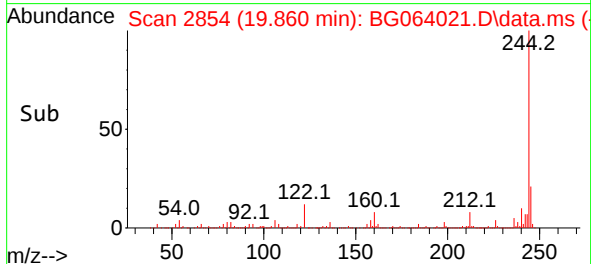
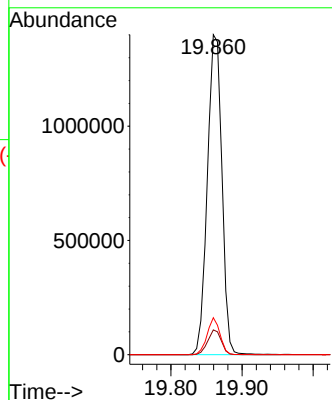


#79
Terphenyl-d14
Concen: 92.400 ng
RT: 19.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064021.D
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Tgt Ion:244 Resp: 1996743
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 11.5 7.7 11.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3644
Delta R.T. 0.003 min
Lab File: BG064021.D
Acq: 6 Feb 2025 17:14

Tgt Ion:264 Resp: 460557
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 19.5 16.6 24.8

