

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064191.D
 Acq On : 4 Apr 2025 7:27
 Operator : RC/JU
 Sample : Q1695-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-2

Quant Time: Apr 04 08:45:10 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	7.860	152	27133	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	125700	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	91651	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	214927	20.000	ng	#-0.01
76) Chrysene-d12	21.444	240	222934	20.000	ng	-0.02
86) Perylene-d12	24.458	264	225239	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	276107	158.894	ng	0.00
7) Phenol-d6	7.026	99	354201	149.836	ng	0.00
23) Nitrobenzene-d5	9.006	82	274040	120.477	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	174422	171.209	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	661757	109.597	ng	-0.01
79) Terphenyl-d14	19.840	244	1218622	110.528	ng	-0.01

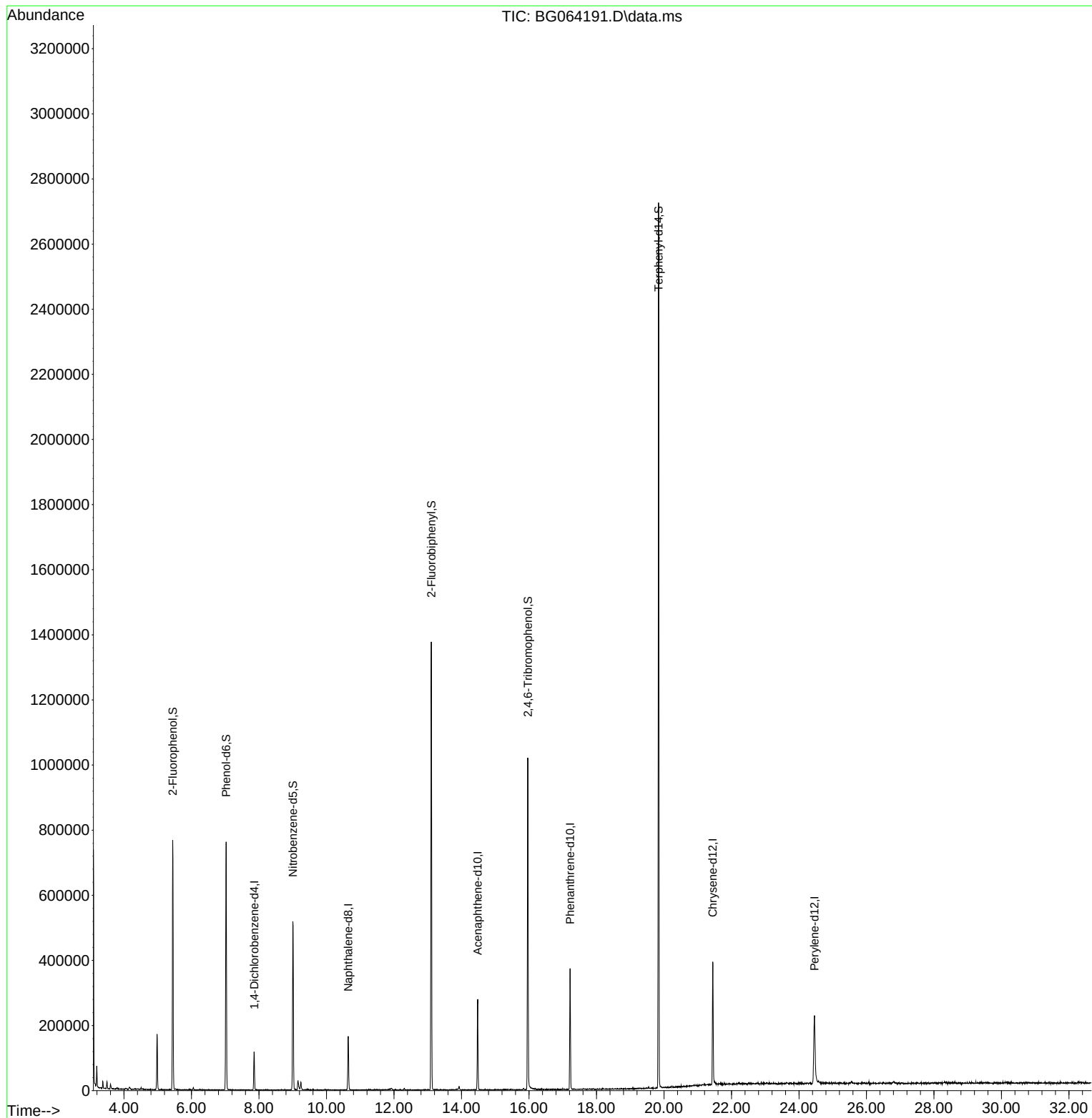
Target Compounds	Qvalue

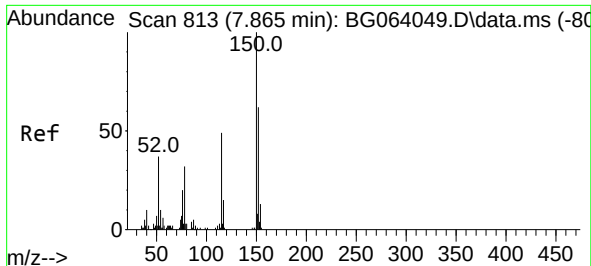
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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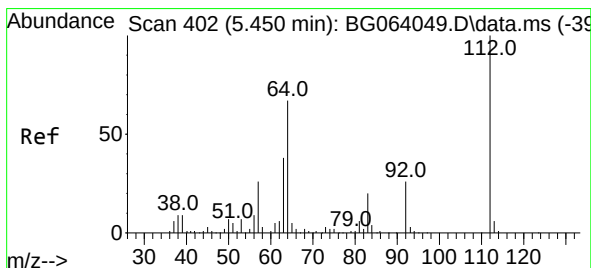
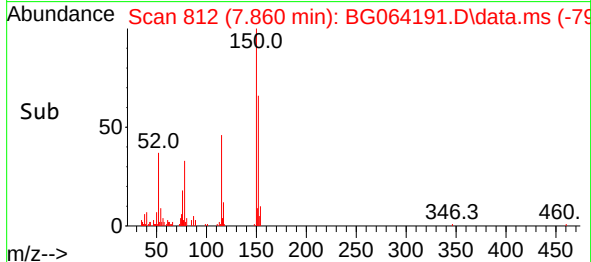
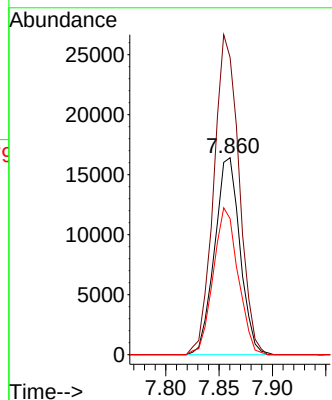
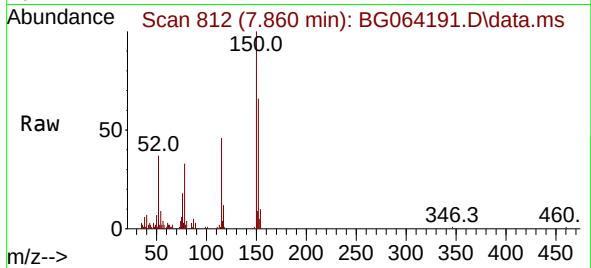




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

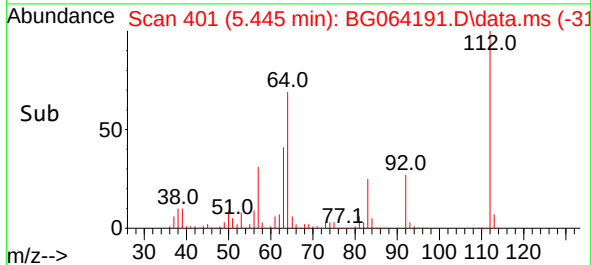
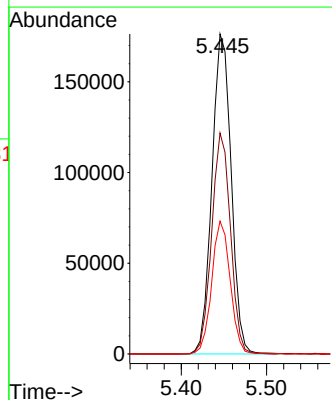
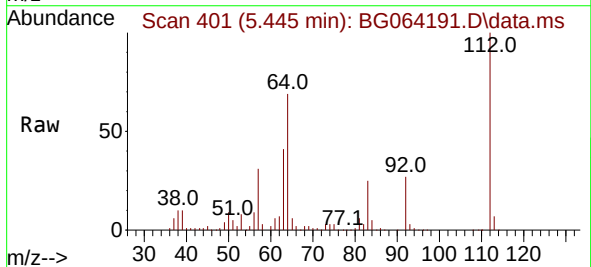
Instrument :
BNA_G
ClientSampleId :
TT-2

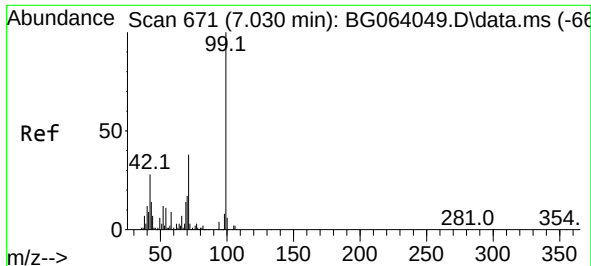
Tgt Ion:152 Resp: 27133
Ion Ratio Lower Upper
152 100
150 150.8 129.2 193.8
115 69.0 63.0 94.6



#5
2-Fluorophenol
Concen: 158.894 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Tgt Ion:112 Resp: 276107
Ion Ratio Lower Upper
112 100
64 69.1 53.7 80.5
63 41.5 30.2 45.4

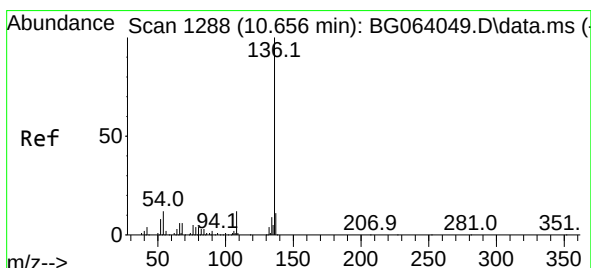
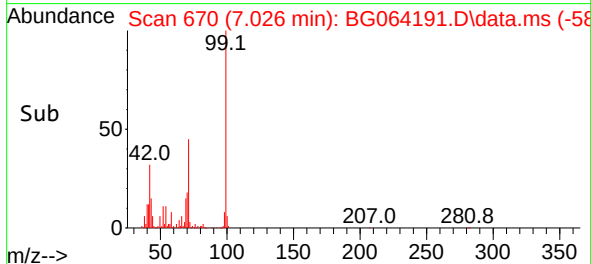
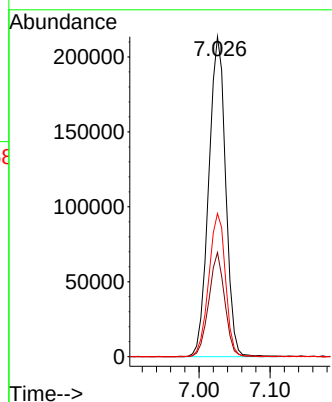
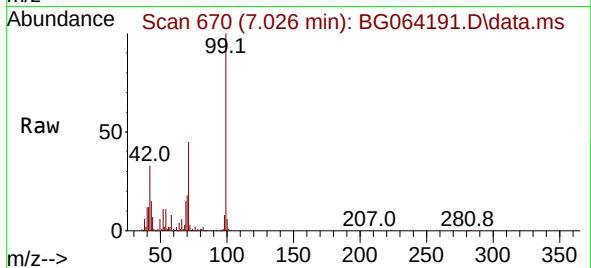




#7
Phenol-d6
Concen: 149.836 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

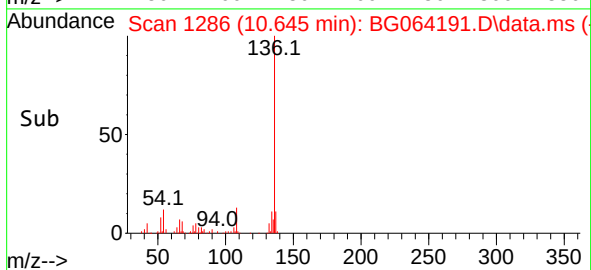
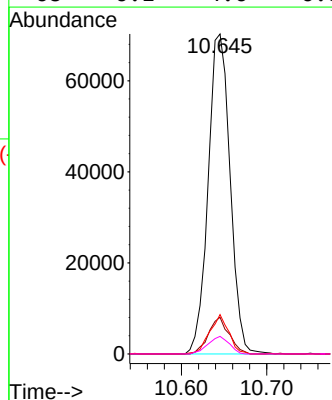
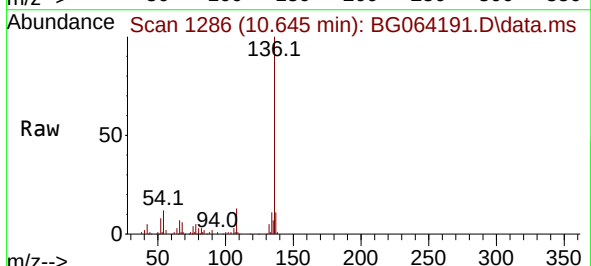
Instrument :
BNA_G
ClientSampleId :
TT-2

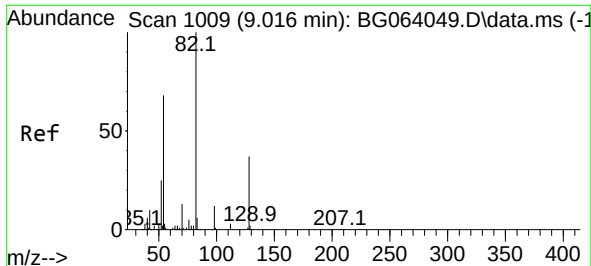
Tgt Ion: 99 Resp: 354201
Ion Ratio Lower Upper
99 100
42 32.6 22.7 34.1
71 44.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Tgt Ion:136 Resp: 125700
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 12.3 9.9 14.9
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 120.477 ng

RT: 9.006 min Scan# 1007

Delta R.T. -0.010 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

Instrument :

BNA_G

ClientSampleId :

TT-2

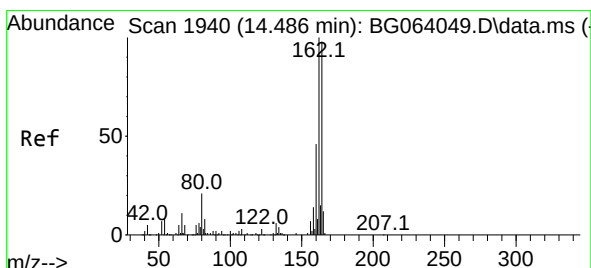
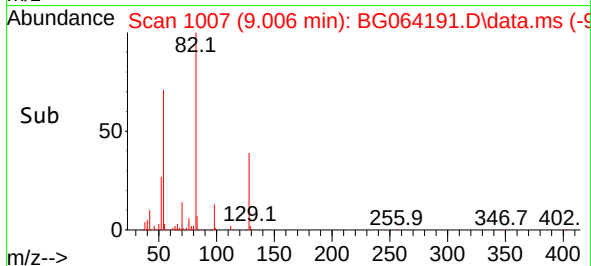
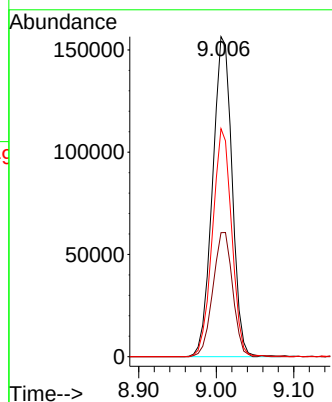
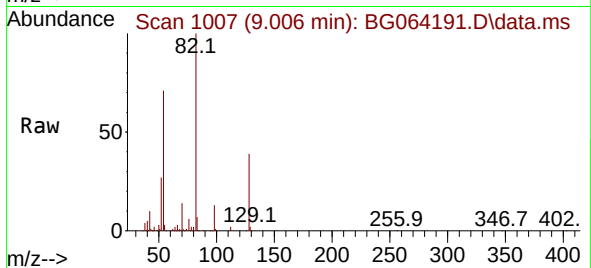
Tgt Ion: 82 Resp: 274040

Ion Ratio Lower Upper

82 100

128 38.7 30.0 45.0

54 71.2 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.482 min Scan# 1939

Delta R.T. -0.004 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

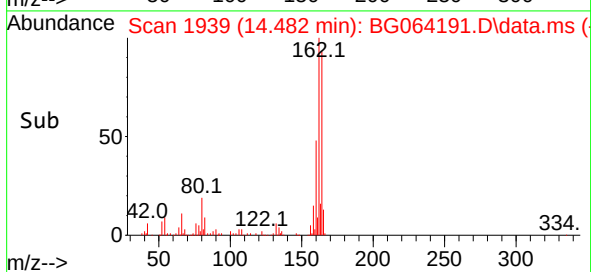
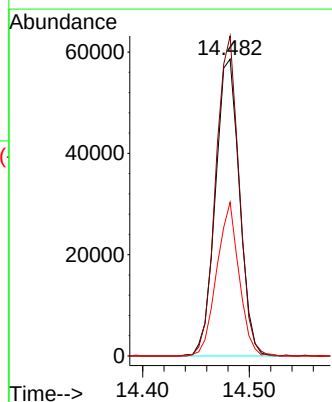
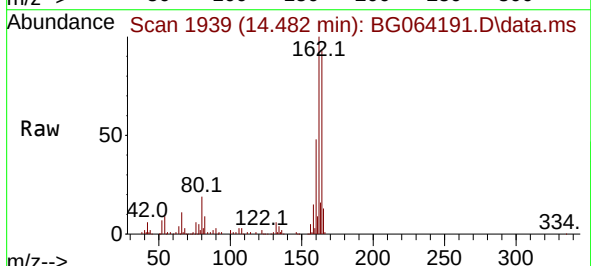
Tgt Ion: 164 Resp: 91651

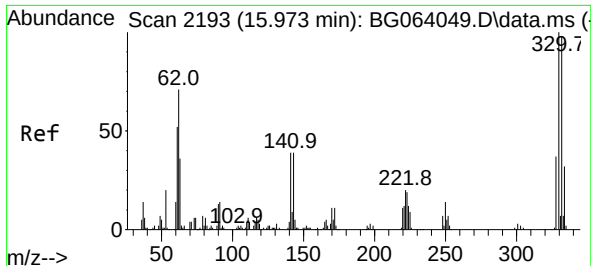
Ion Ratio Lower Upper

164 100

162 107.8 81.4 122.0

160 51.8 37.0 55.6

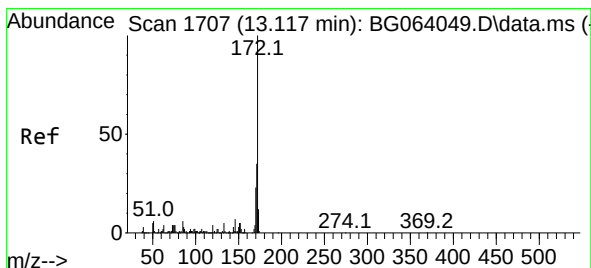
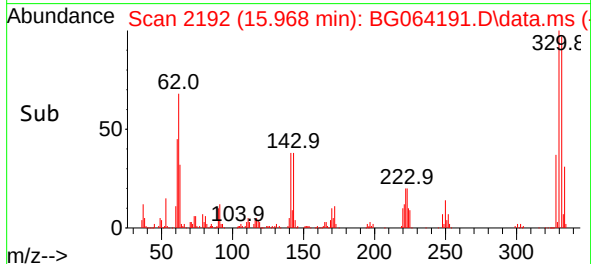
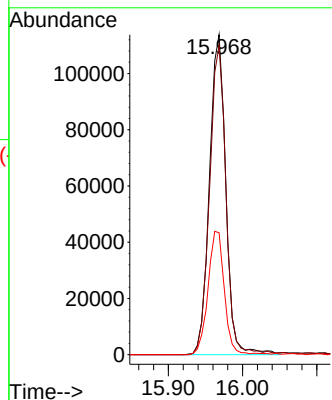
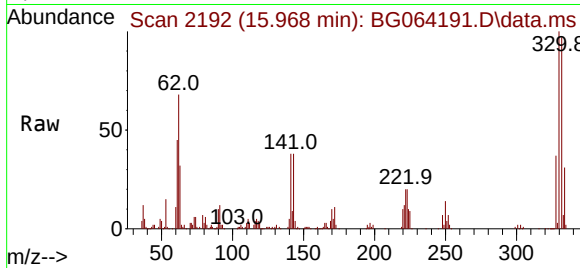




#42
2,4,6-Tribromophenol
Concen: 171.209 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

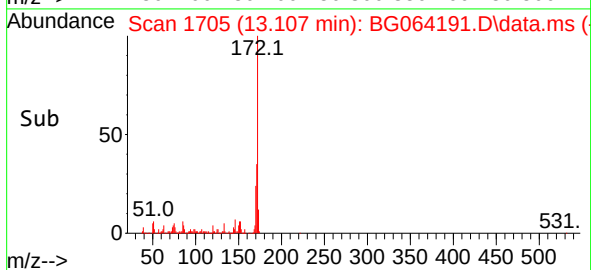
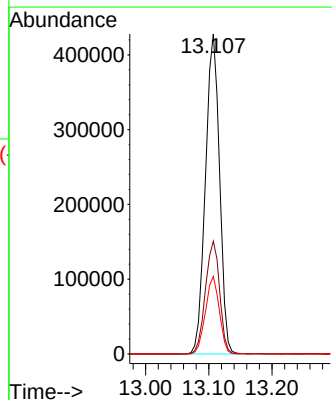
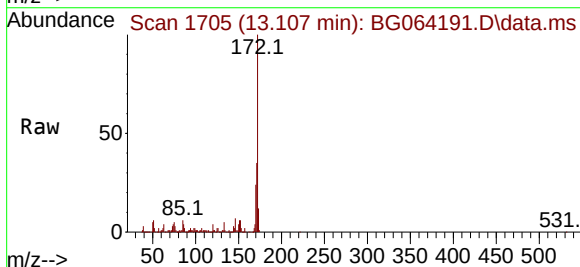
Instrument :
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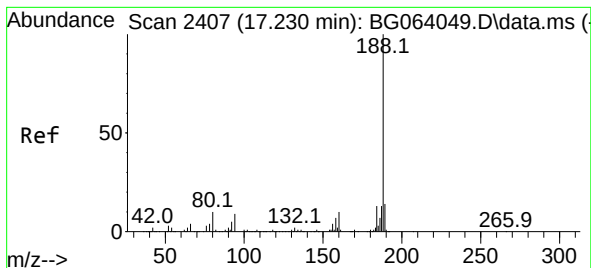
Tgt Ion:330 Resp: 174422
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 38.8 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 109.597 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.010 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Tgt Ion:172 Resp: 661757
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.220 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

Instrument :

BNA_G

ClientSampleId :

TT-2

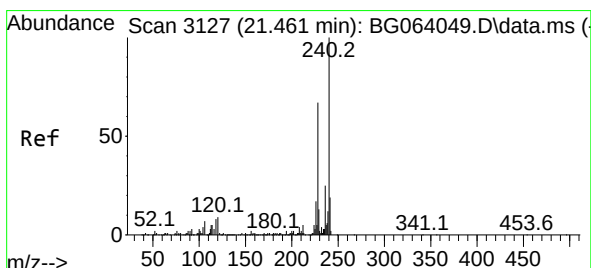
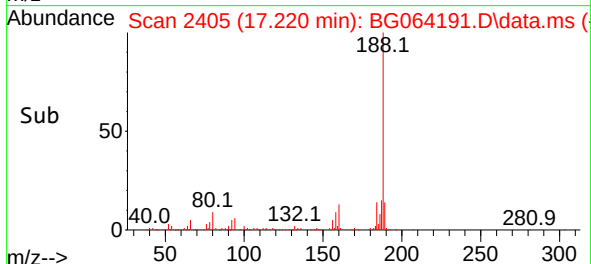
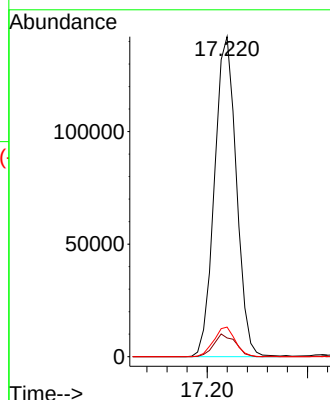
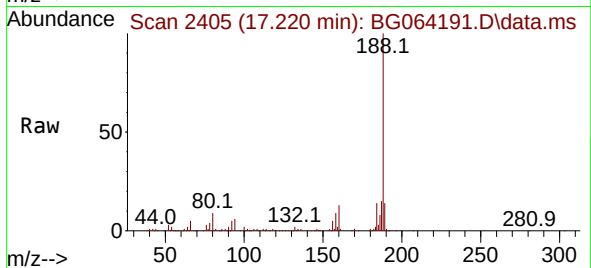
Tgt Ion:188 Resp: 214927

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

80 9.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3124

Delta R.T. -0.016 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

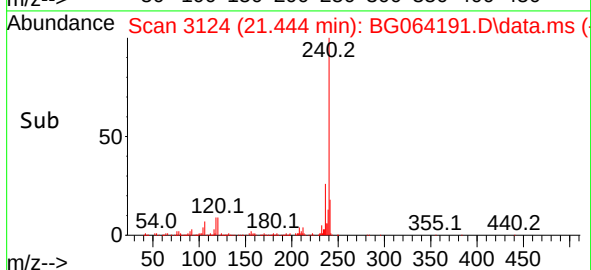
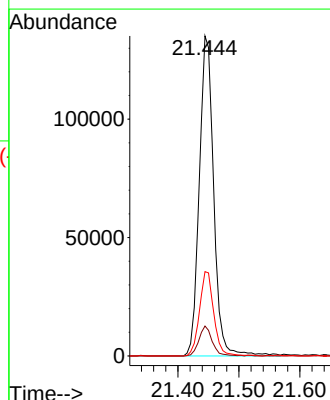
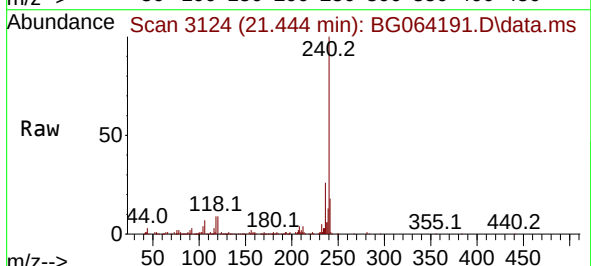
Tgt Ion:240 Resp: 222934

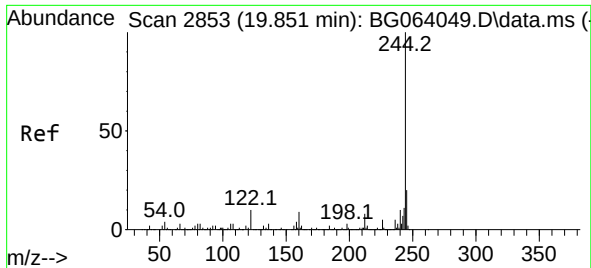
Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 26.3 20.2 30.2

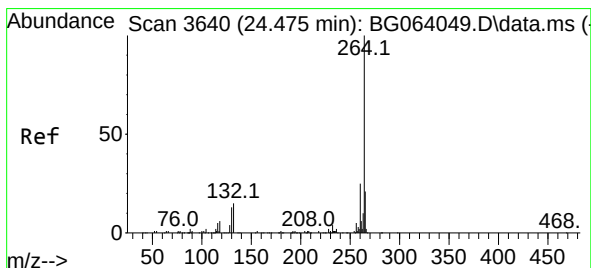
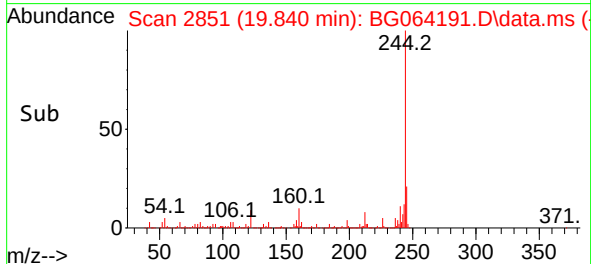
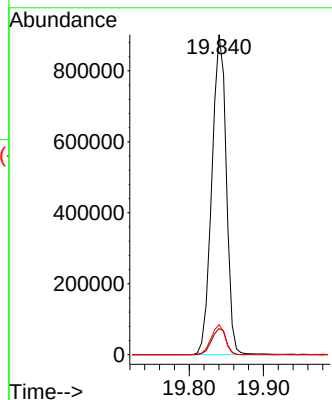
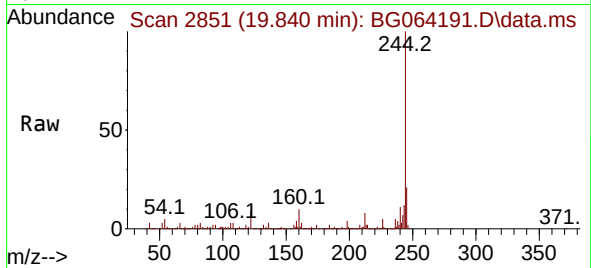




#79
 Terphenyl-d14
 Concen: 110.528 ng
 RT: 19.840 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG064191.D
 Acq: 4 Apr 2025 7:27

Instrument :
 BNA_G
 ClientSampleId :
 TT-2

Tgt Ion:244 Resp: 1218622
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.458 min Scan# 3637
 Delta R.T. -0.016 min
 Lab File: BG064191.D
 Acq: 4 Apr 2025 7:27

Tgt Ion:264 Resp: 225239
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.4 16.6 25.0

