

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064139.D
 Acq On : 1 Apr 2025 17:45
 Operator : RC/JU
 Sample : Q1664-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-003-01

Quant Time: Apr 01 19:19:46 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)

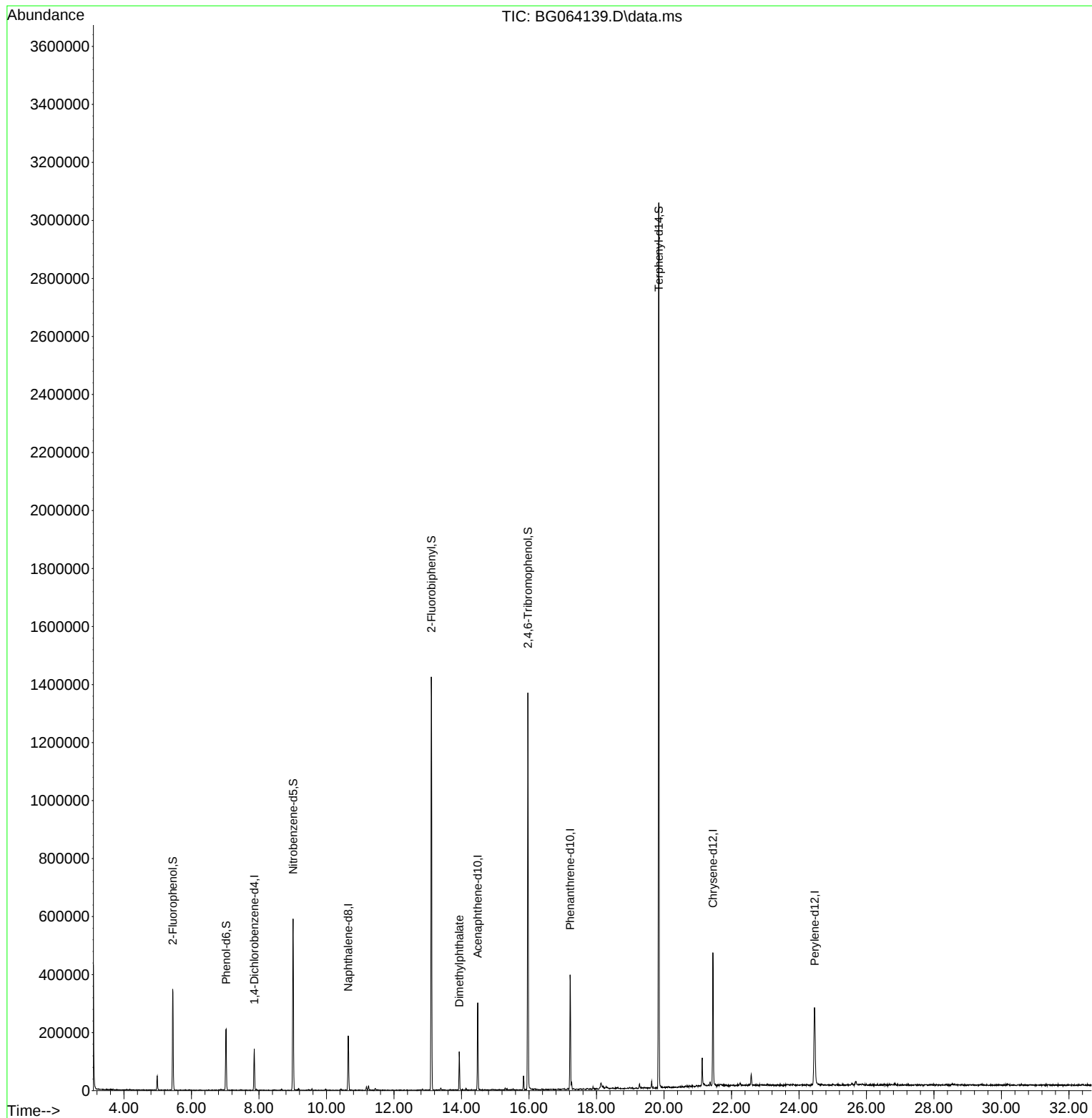
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	34101	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	141057	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	95411	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	229133	20.000	ng	-0.01
76) Chrysene-d12	21.450	240	251581	20.000	ng	-0.01
86) Perylene-d12	24.464	264	271745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	133858	61.292	ng	0.00
7) Phenol-d6	7.026	99	102833	34.612	ng	0.00
23) Nitrobenzene-d5	9.012	82	308859	121.002	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	218583	206.101	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	687821	109.425	ng	-0.01
79) Terphenyl-d14	19.846	244	1367884	109.939	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.935	163	71179	10.106	ng	Qvalue 99

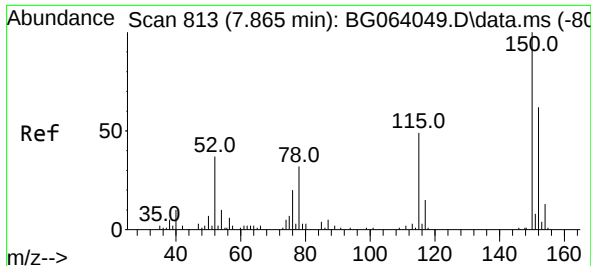
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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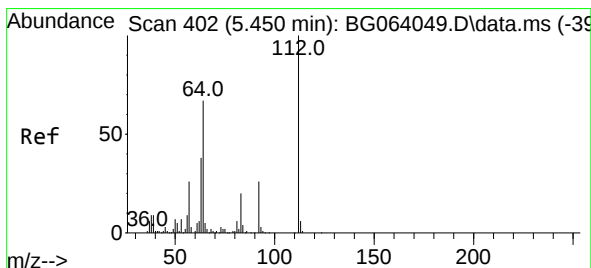
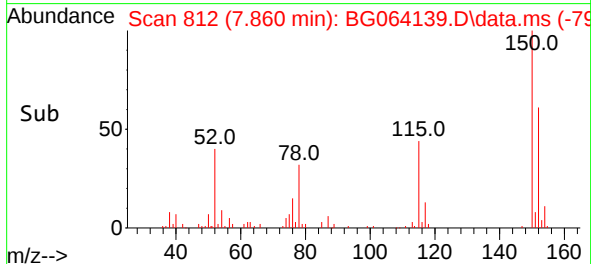
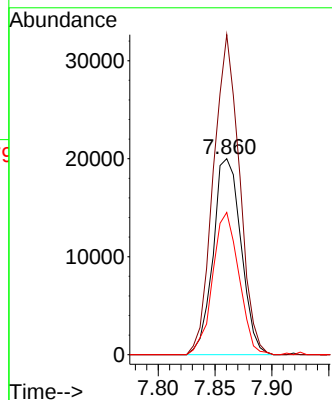
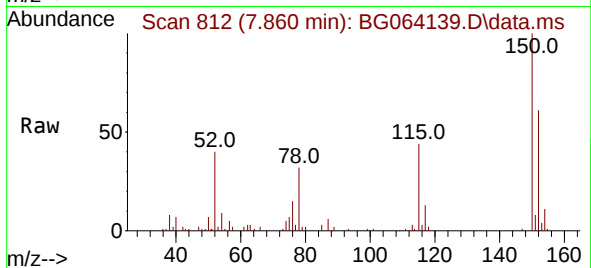




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

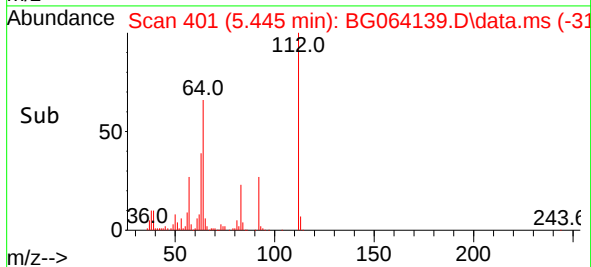
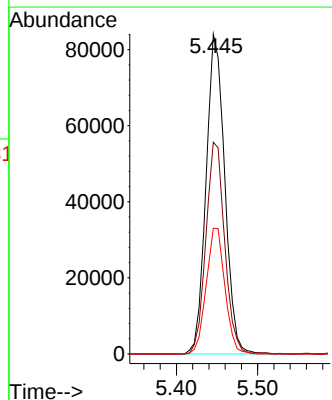
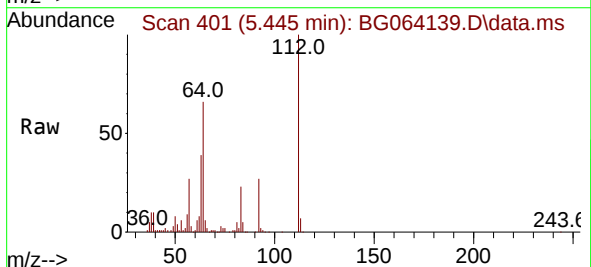
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

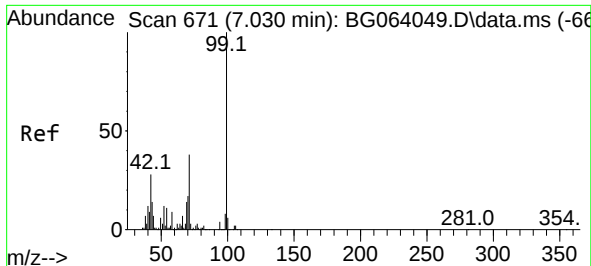
Tgt Ion:152 Resp: 34101
Ion Ratio Lower Upper
152 100
150 163.2 129.2 193.8
115 72.5 63.0 94.6



#5
2-Fluorophenol
Concen: 61.292 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:112 Resp: 133858
Ion Ratio Lower Upper
112 100
64 66.2 53.7 80.5
63 39.3 30.2 45.4

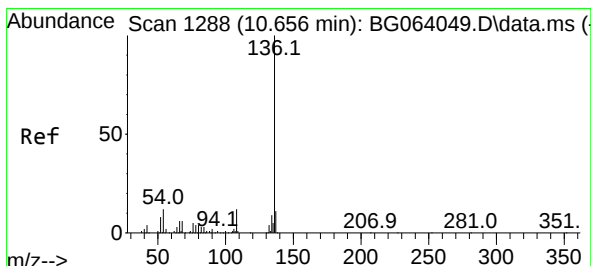
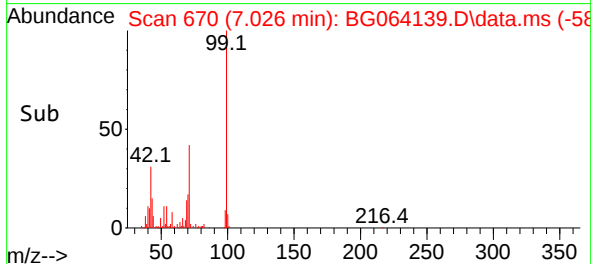
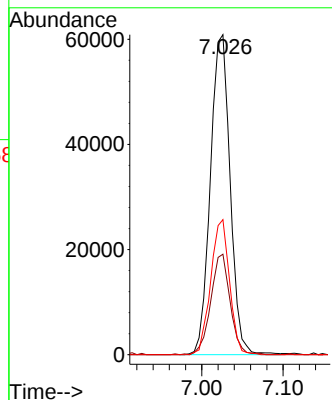
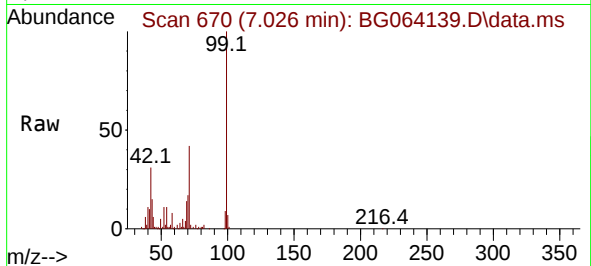




#7
Phenol-d6
Concen: 34.612 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

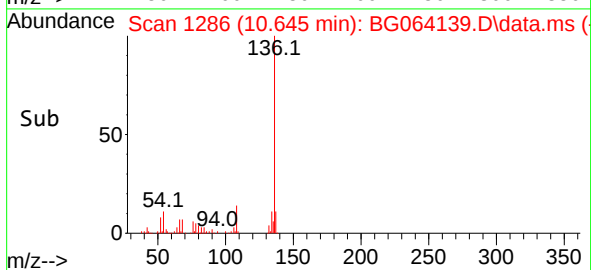
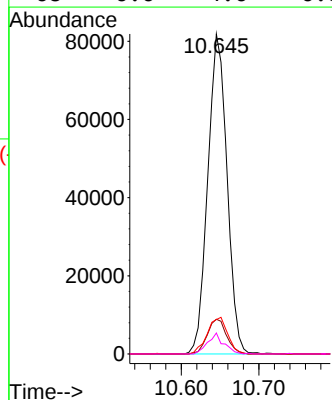
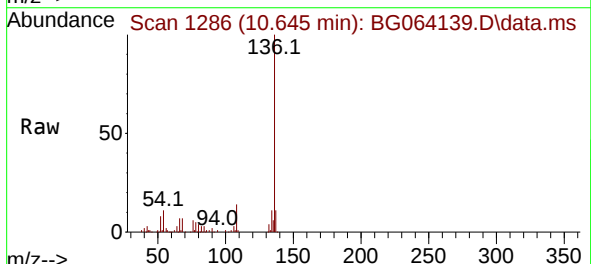
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

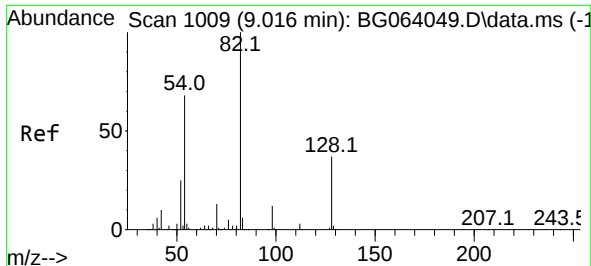
Tgt Ion: 99 Resp: 102833
Ion Ratio Lower Upper
99 100
42 31.4 22.7 34.1
71 42.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion: 136 Resp: 141057
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.8 9.9 14.9
68 6.6 4.6 6.8

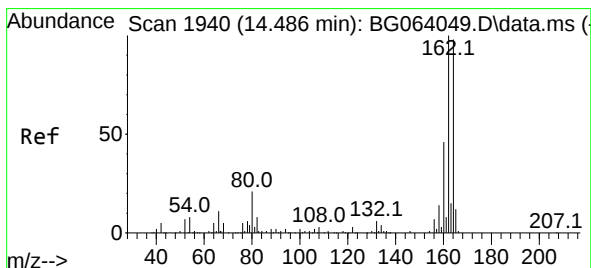
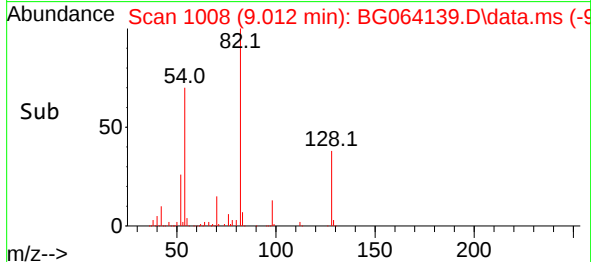
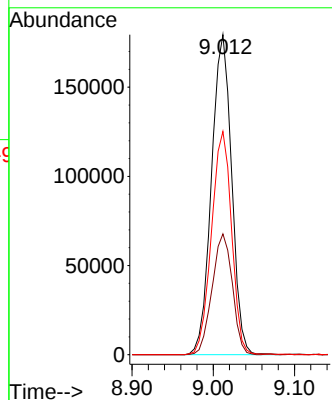
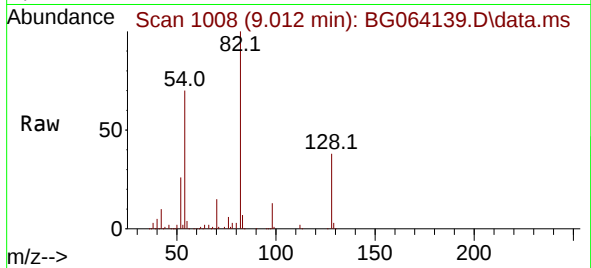




#23
Nitrobenzene-d5
Concen: 121.002 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

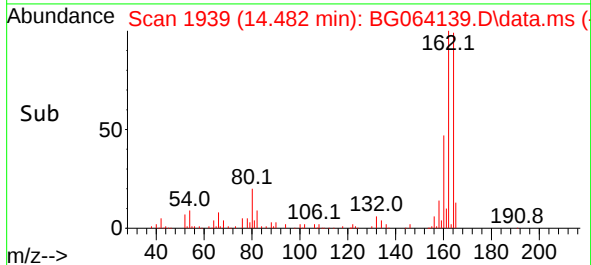
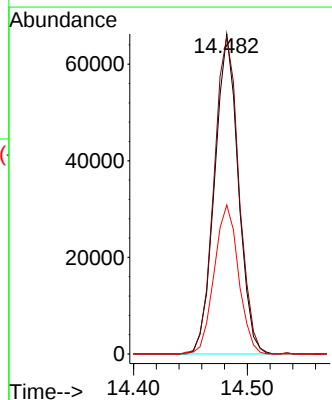
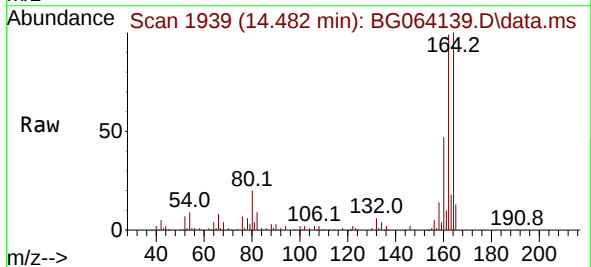
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

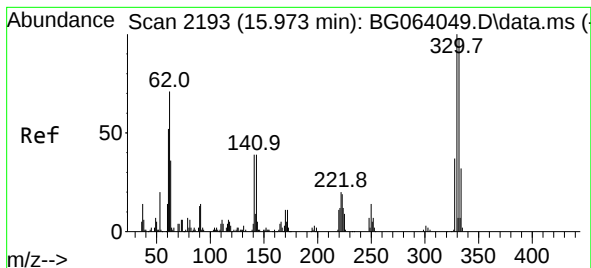
Tgt Ion: 82 Resp: 308859
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 69.7 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:164 Resp: 95411
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 46.5 37.0 55.6

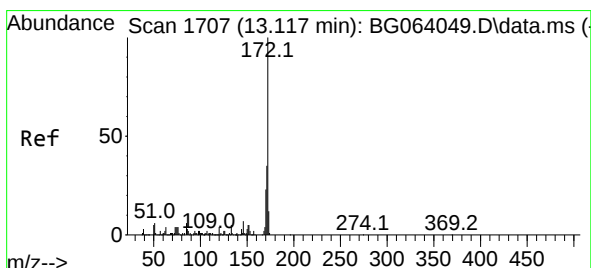
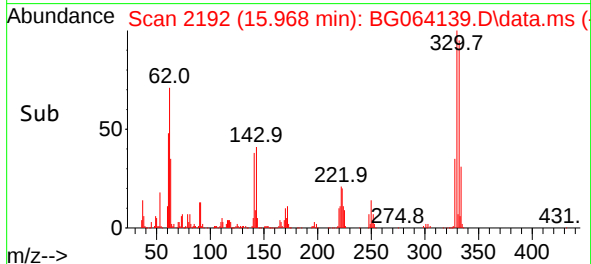
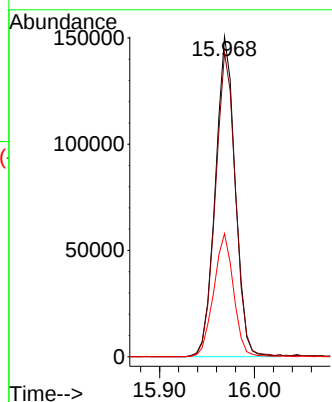
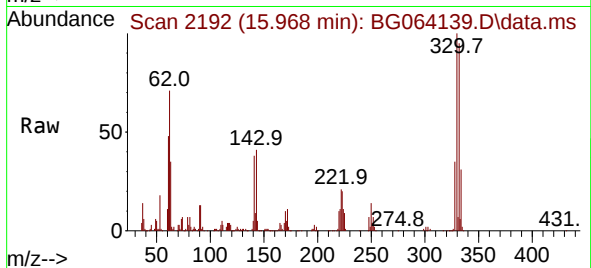




#42
2,4,6-Tribromophenol
Concen: 206.101 ng
RT: 15.968 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

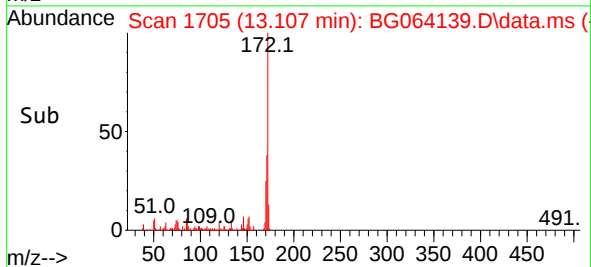
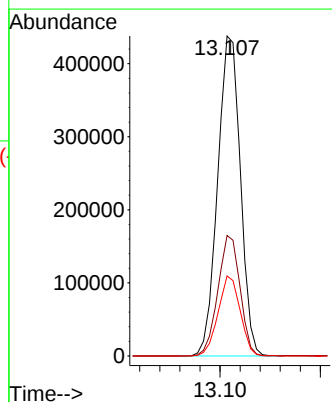
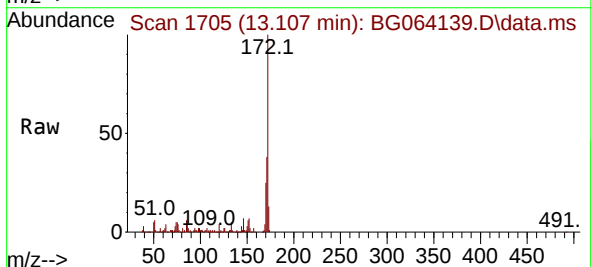
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

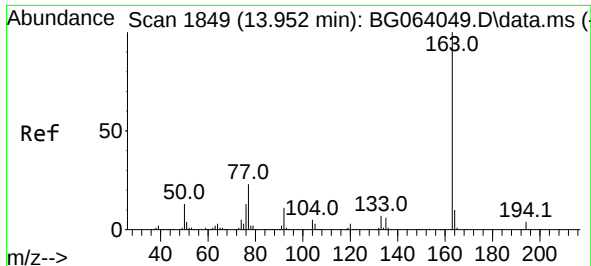
Tgt Ion:330 Resp: 218583
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 38.4 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 109.425 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.010 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:172 Resp: 687821
Ion Ratio Lower Upper
172 100
171 37.6 28.0 42.0
170 25.0 18.7 28.1

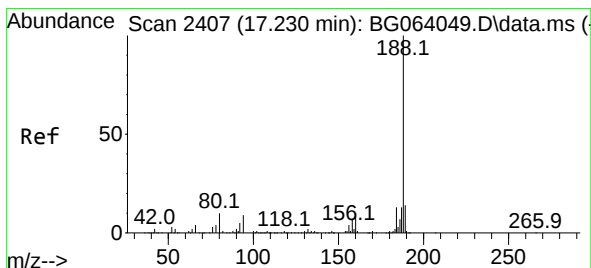
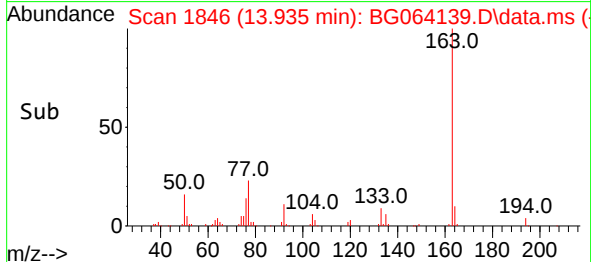
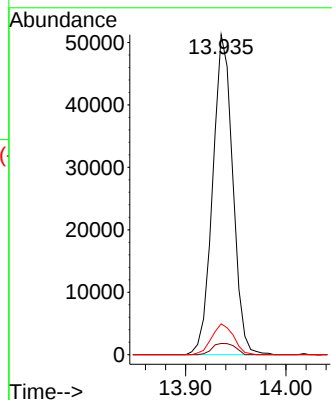
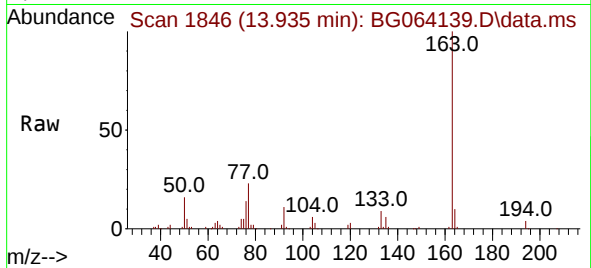




#50
Dimethylphthalate
Concen: 10.106 ng
RT: 13.935 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

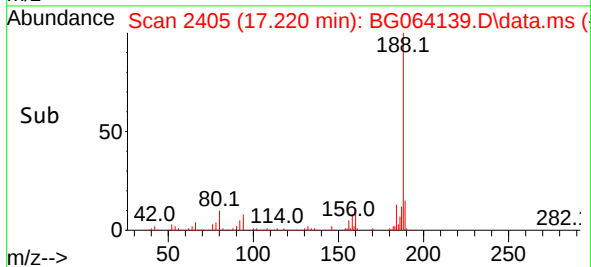
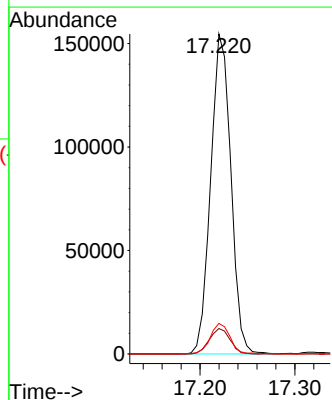
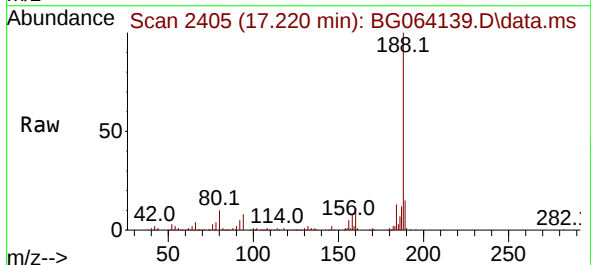
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P001-BBDGA-003-01

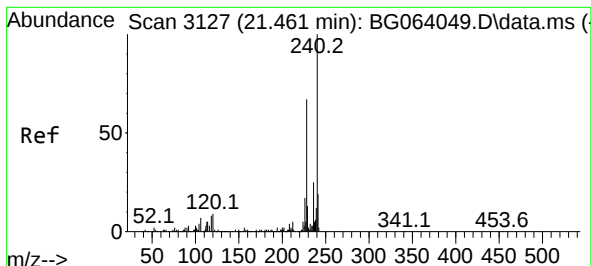
Tgt Ion:163 Resp: 71179
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:188 Resp: 229133
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.6 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG064139.D

Acq: 1 Apr 2025 17:45

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-003-01

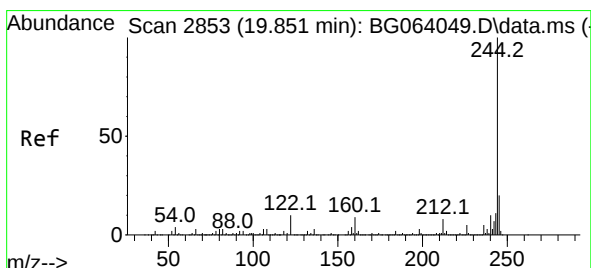
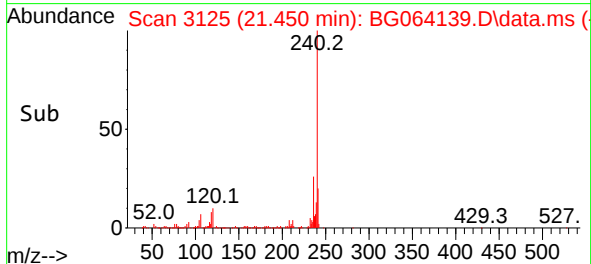
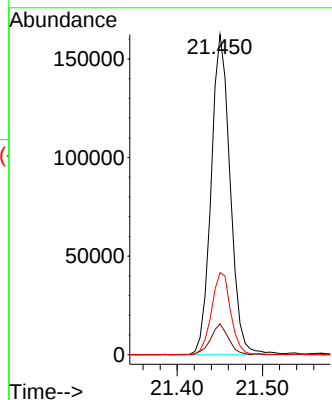
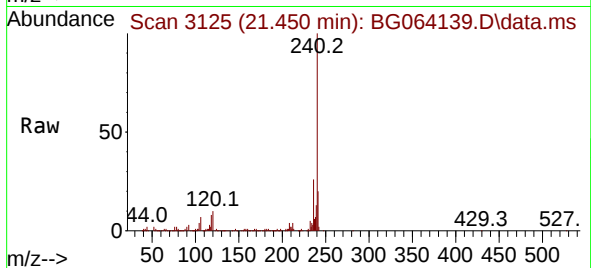
Tgt Ion:240 Resp: 251581

Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 109.939 ng

RT: 19.846 min Scan# 2852

Delta R.T. -0.004 min

Lab File: BG064139.D

Acq: 1 Apr 2025 17:45

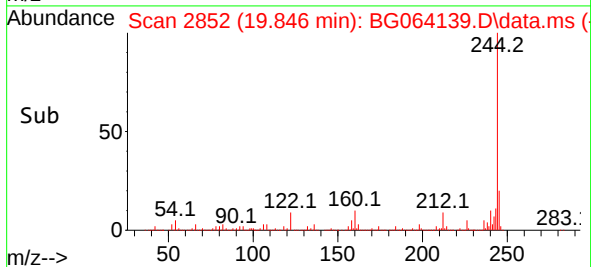
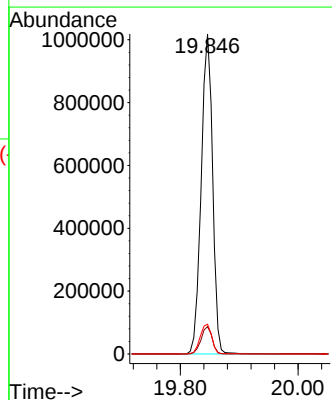
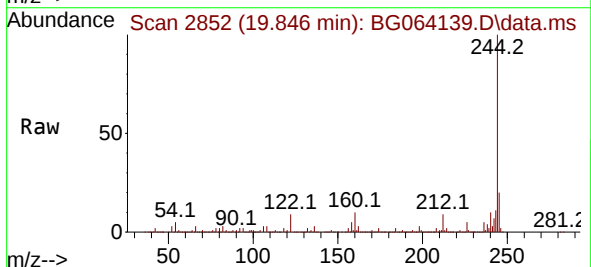
Tgt Ion:244 Resp: 1367884

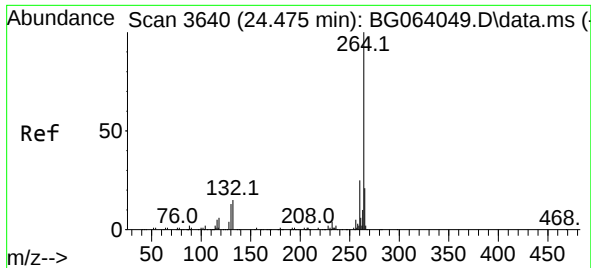
Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

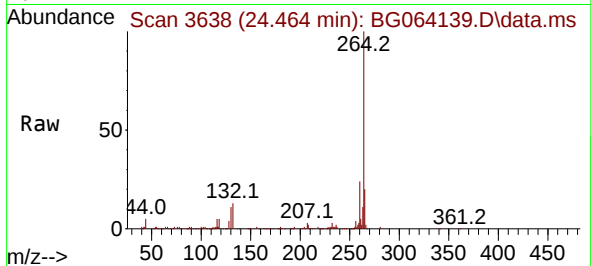
122 9.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.464 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG064139.D
 Acq: 1 Apr 2025 17:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-003-01



Tgt Ion:264 Resp: 271745
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.4 16.6 25.0

