

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064192.D
 Acq On : 4 Apr 2025 8:08
 Operator : RC/JU
 Sample : Q1695-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-3

Quant Time: Apr 04 08:45:31 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	7.858	152	26895	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	126699	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	91097	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	216248	20.000	ng	-0.01
76) Chrysene-d12	21.448	240	231974	20.000	ng	-0.01
86) Perylene-d12	24.456	264	227340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	294202	170.805	ng	0.00
7) Phenol-d6	7.030	99	368307	157.182	ng	0.00
23) Nitrobenzene-d5	9.010	82	284052	123.894	ng	0.00
42) 2,4,6-Tribromophenol	15.966	330	195217	192.786	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	677176	112.833	ng	-0.01
79) Terphenyl-d14	19.844	244	1308842	114.085	ng	0.00

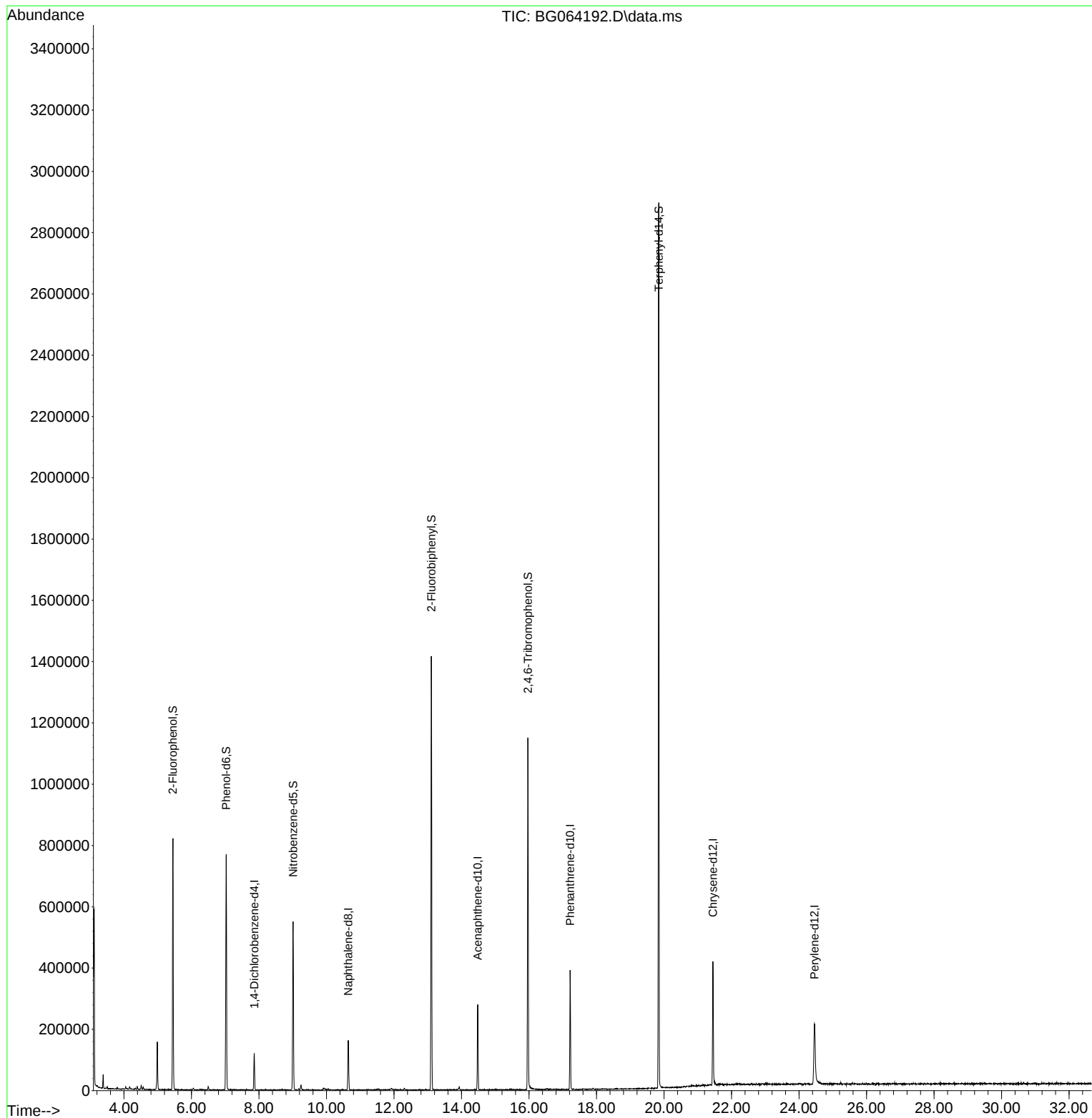
Target Compounds	Qvalue

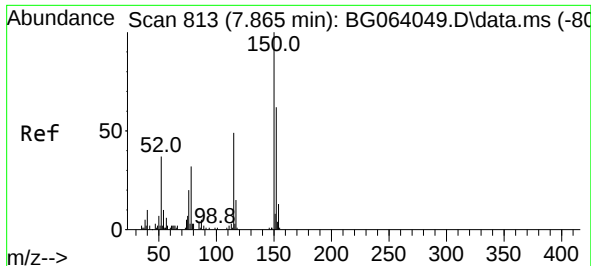
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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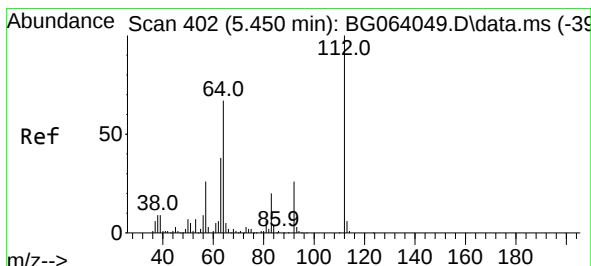
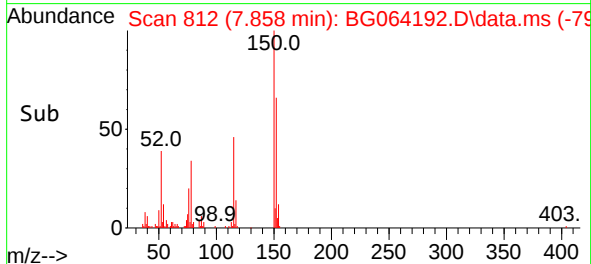
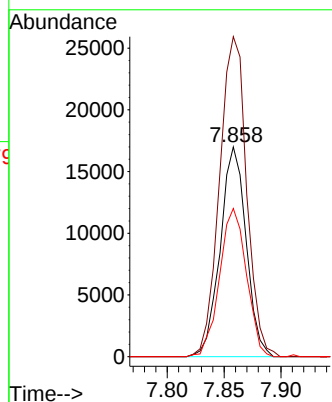
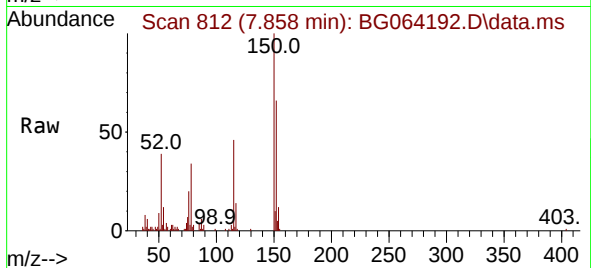




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.858 min Scan# 813
 Delta R.T. -0.007 min
 Lab File: BG064192.D
 Acq: 4 Apr 2025 8:08

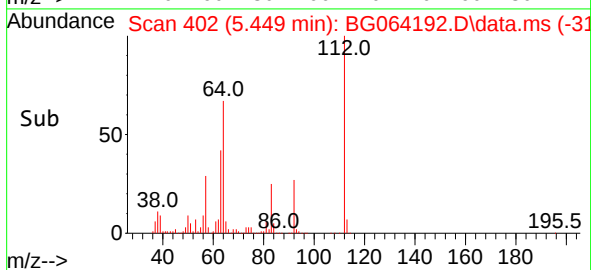
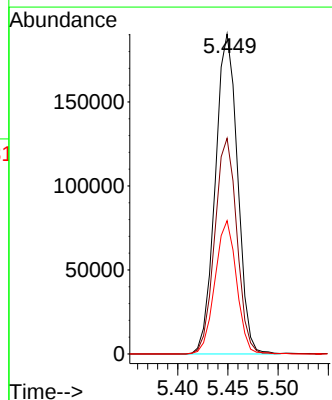
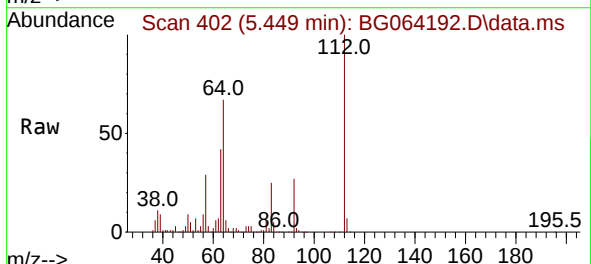
Instrument :
 BNA_G
 ClientSampleId :
 TT-3

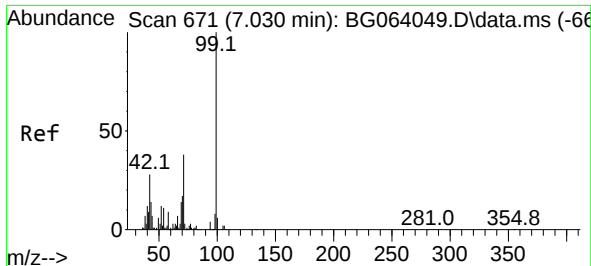
Tgt Ion:152 Resp: 26895
 Ion Ratio Lower Upper
 152 100
 150 152.6 129.2 193.8
 115 70.7 63.0 94.6



#5
 2-Fluorophenol
 Concen: 170.805 ng
 RT: 5.449 min Scan# 402
 Delta R.T. -0.001 min
 Lab File: BG064192.D
 Acq: 4 Apr 2025 8:08

Tgt Ion:112 Resp: 294202
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.7 80.5
 63 41.6 30.2 45.4

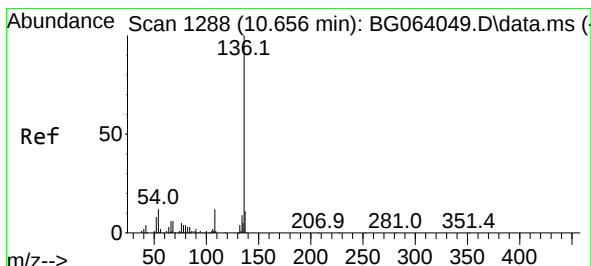
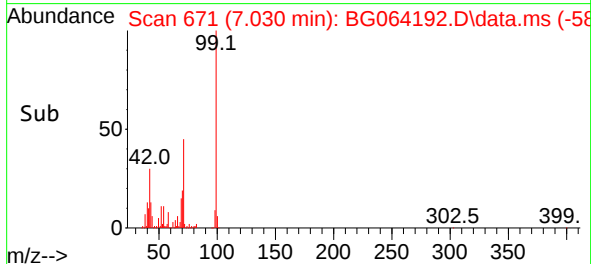
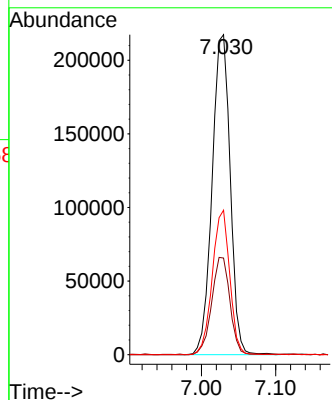
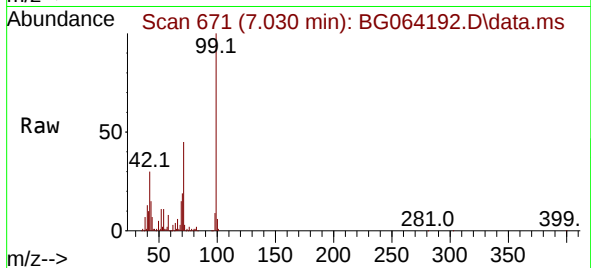




#7
Phenol-d6
Concen: 157.182 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064192.D
Acq: 4 Apr 2025 8:08

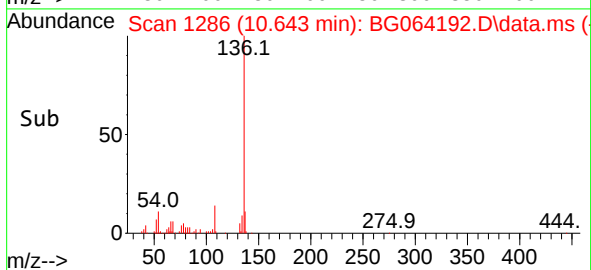
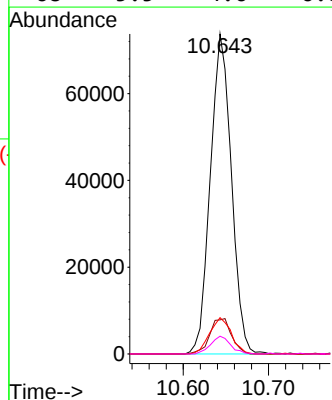
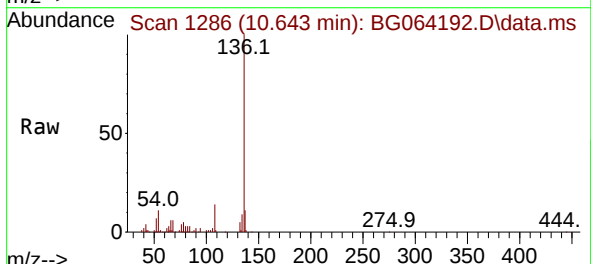
Instrument :
BNA_G
ClientSampleId :
TT-3

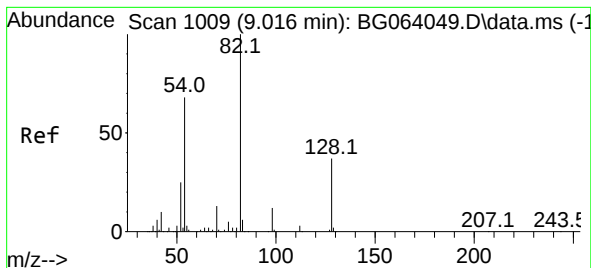
Tgt Ion: 99 Resp: 368307
Ion Ratio Lower Upper
99 100
42 30.2 22.7 34.1
71 45.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 1286
Delta R.T. -0.013 min
Lab File: BG064192.D
Acq: 4 Apr 2025 8:08

Tgt Ion:136 Resp: 126699
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.3 9.9 14.9
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 123.894 ng

RT: 9.010 min Scan# 1009

Delta R.T. -0.007 min

Lab File: BG064192.D

Acq: 4 Apr 2025 8:08

Instrument :

BNA_G

ClientSampleId :

TT-3

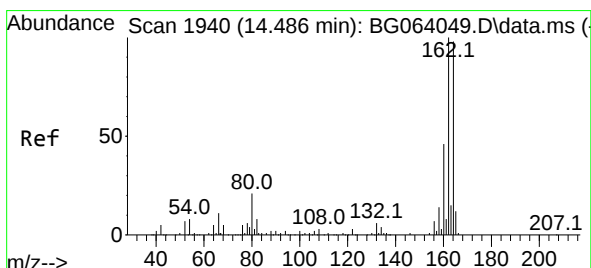
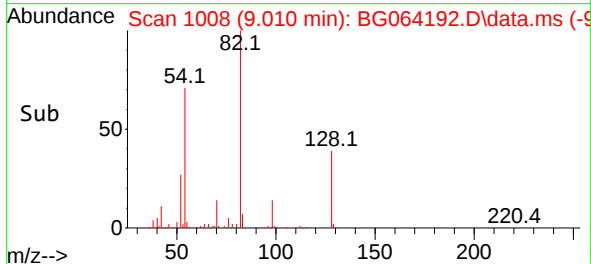
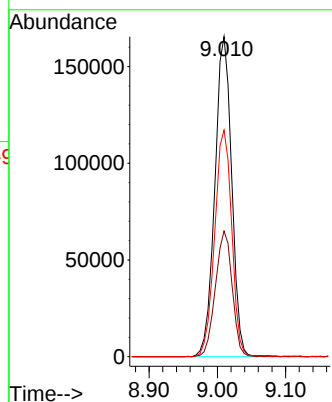
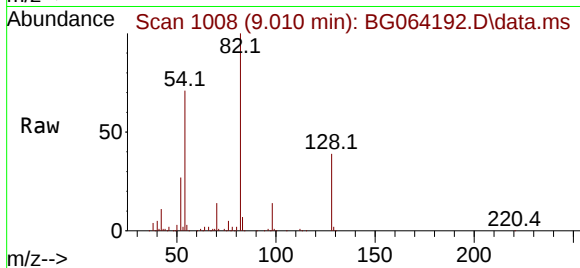
Tgt Ion: 82 Resp: 284052

Ion Ratio Lower Upper

82 100

128 39.2 30.0 45.0

54 70.8 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BG064192.D

Acq: 4 Apr 2025 8:08

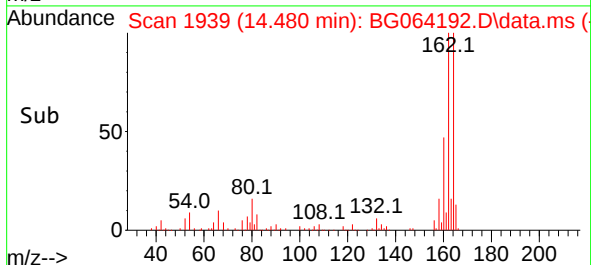
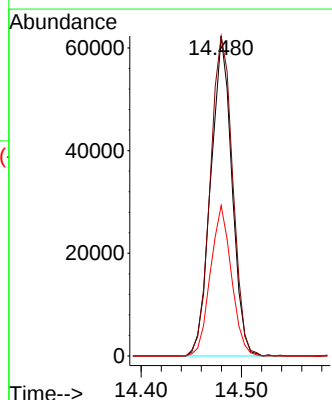
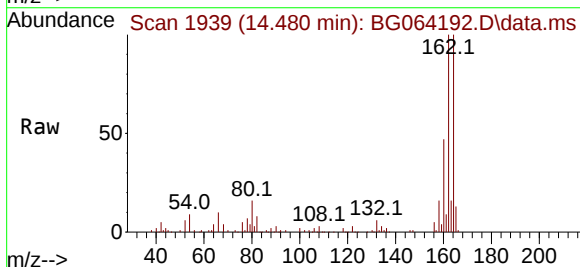
Tgt Ion: 164 Resp: 91097

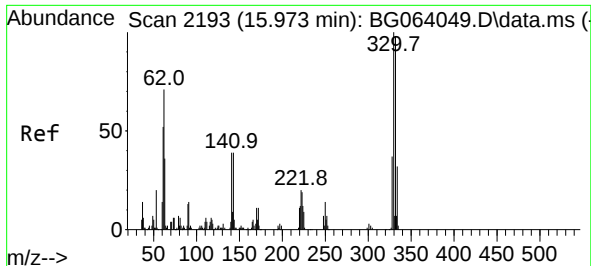
Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

160 47.0 37.0 55.6

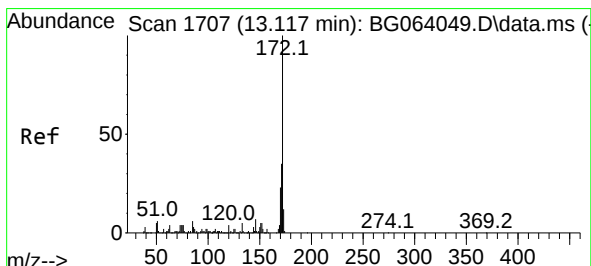
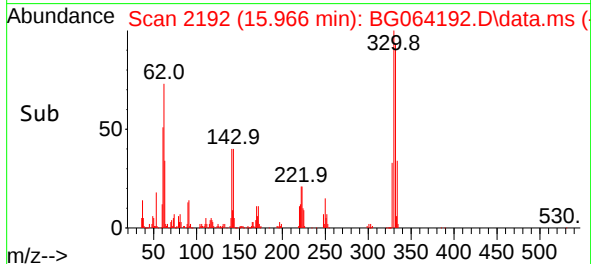
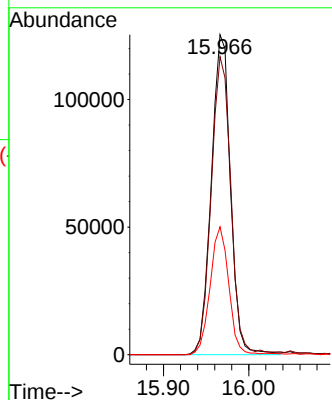
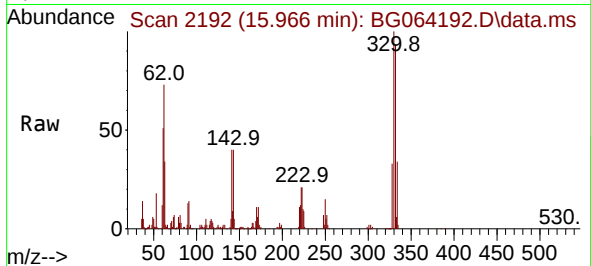




#42
2,4,6-Tribromophenol
Concen: 192.786 ng
RT: 15.966 min Scan# 2193
Delta R.T. -0.007 min
Lab File: BG064192.D
Acq: 4 Apr 2025 8:08

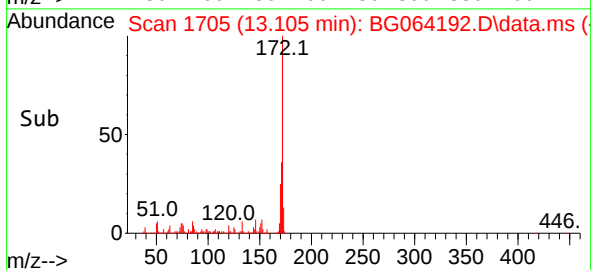
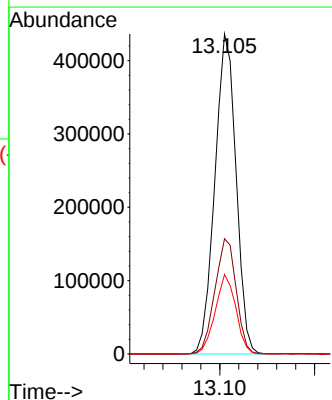
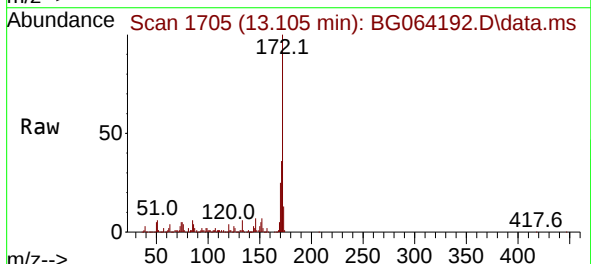
Instrument :
BNA_G
ClientSampleId :
TT-3

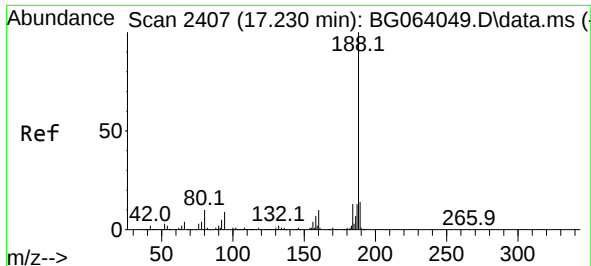
Tgt Ion:330 Resp: 195217
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 39.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 112.833 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064192.D
Acq: 4 Apr 2025 8:08

Tgt Ion:172 Resp: 677176
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.8 18.7 28.1

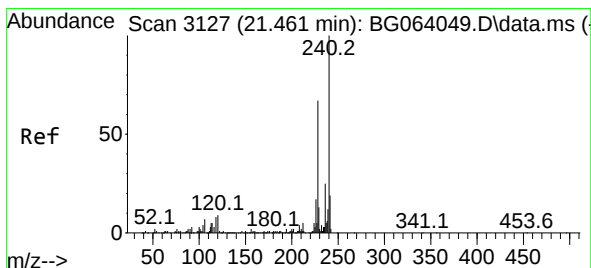
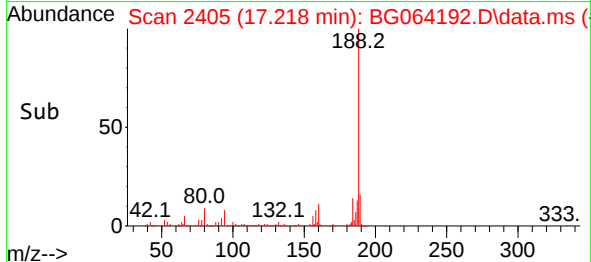
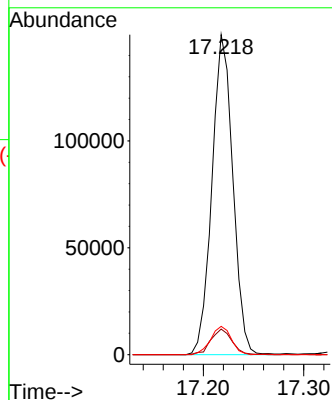
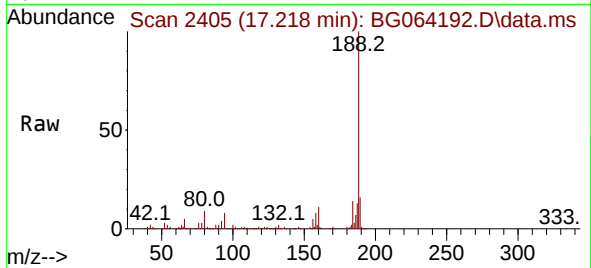




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064192.D
Acq: 4 Apr 2025 8:08

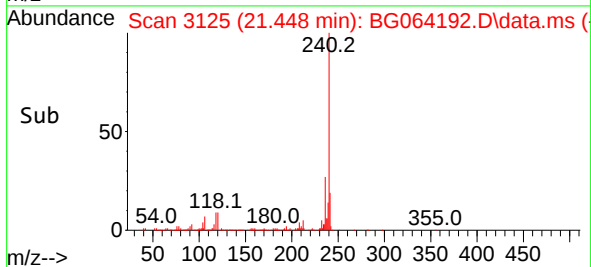
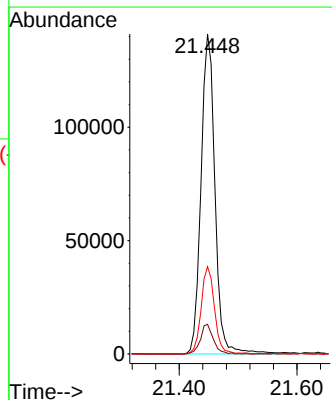
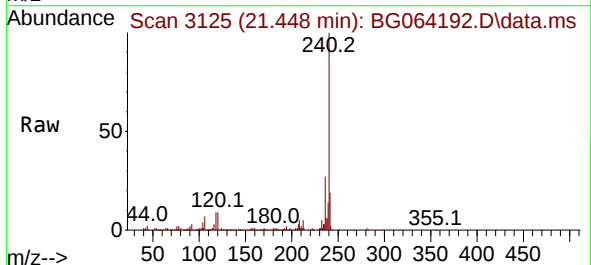
Instrument :
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ClientSampleId :
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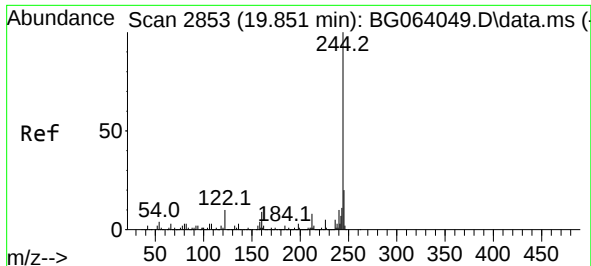
Tgt Ion:188 Resp: 216248
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064192.D
Acq: 4 Apr 2025 8:08

Tgt Ion:240 Resp: 231974
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 27.3 20.2 30.2

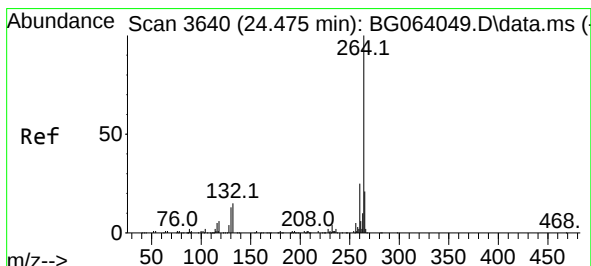
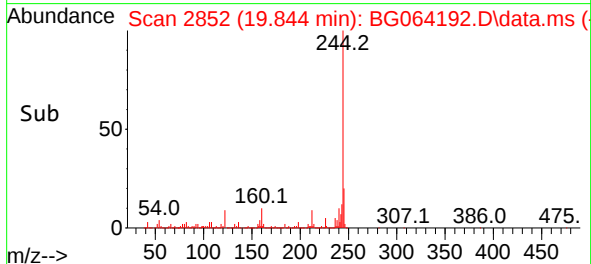
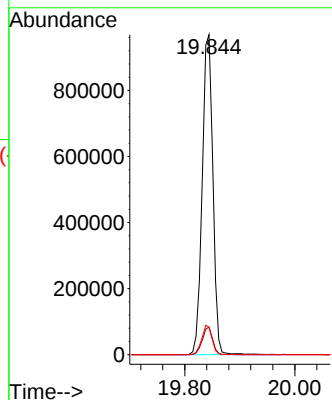
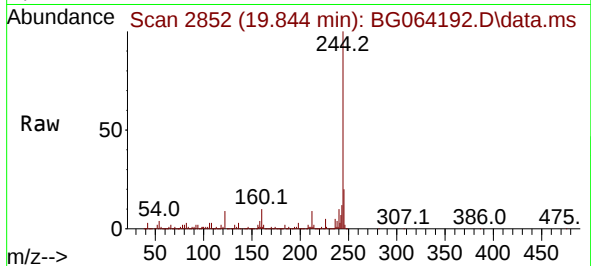




#79
 Terphenyl-d14
 Concen: 114.085 ng
 RT: 19.844 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG064192.D
 Acq: 4 Apr 2025 8:08

Instrument :
 BNA_G
 ClientSampleId :
 TT-3

Tgt Ion:244 Resp: 1308842
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.2 9.4
 122 8.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 3637
 Delta R.T. -0.018 min
 Lab File: BG064192.D
 Acq: 4 Apr 2025 8:08

Tgt Ion:264 Resp: 227340
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 21.9 16.6 25.0

