

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064193.D
 Acq On : 4 Apr 2025 8:48
 Operator : RC/JU
 Sample : Q1705-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-275

Quant Time: Apr 04 09:21:55 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	7.854	152	24382	20.000	ng	-0.01
21) Naphthalene-d8	10.645	136	121129	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	98791	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	225191	20.000	ng	-0.01
76) Chrysene-d12	21.450	240	226162	20.000	ng	-0.01
86) Perylene-d12	24.458	264	244922	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	122793	78.638	ng	0.00
7) Phenol-d6	7.020	99	198535	93.461	ng	-0.01
23) Nitrobenzene-d5	9.006	82	143166	65.316	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	40537	36.915	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	404370	62.130	ng	-0.01
79) Terphenyl-d14	19.840	244	766842	68.559	ng	-0.01

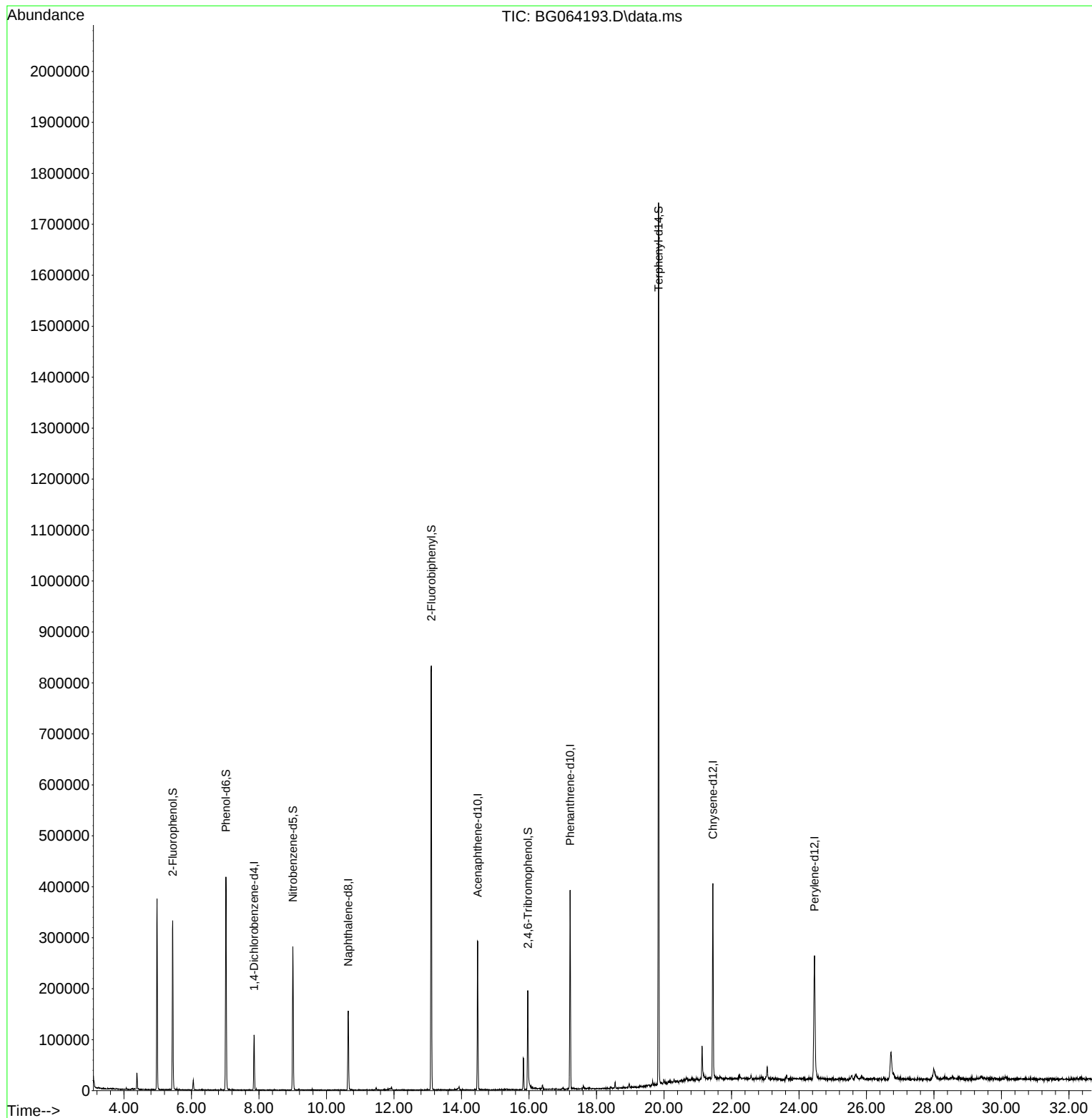
Target Compounds	Qvalue

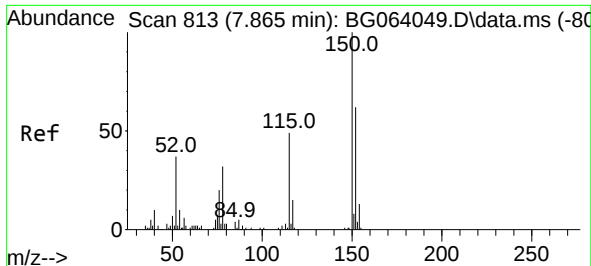
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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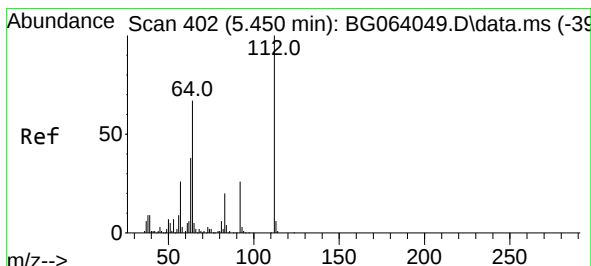
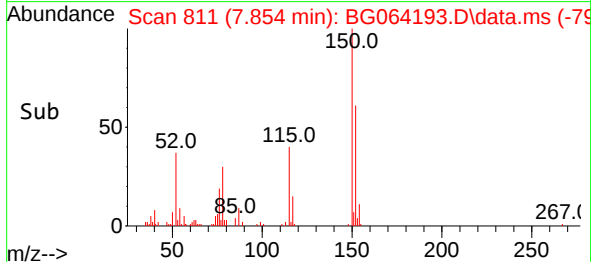
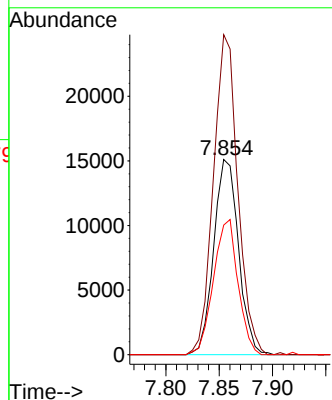
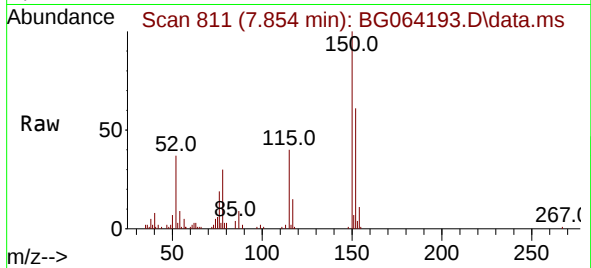




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 813
Delta R.T. -0.011 min
Lab File: BG064193.D
Acq: 4 Apr 2025 8:48

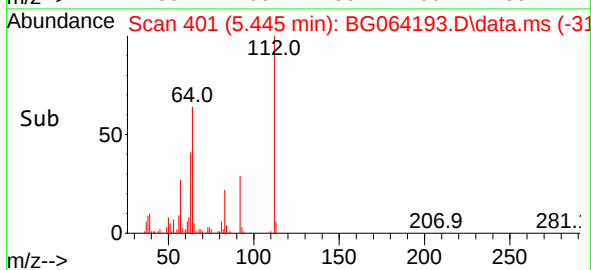
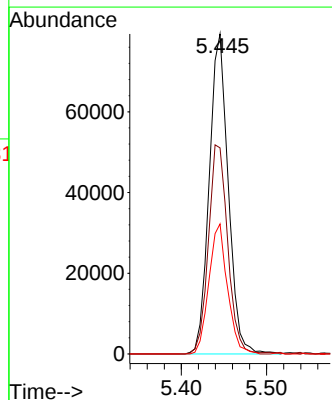
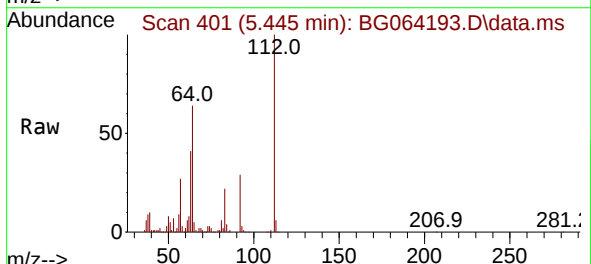
Instrument :
BNA_G
ClientSampleId :
ETGI-275

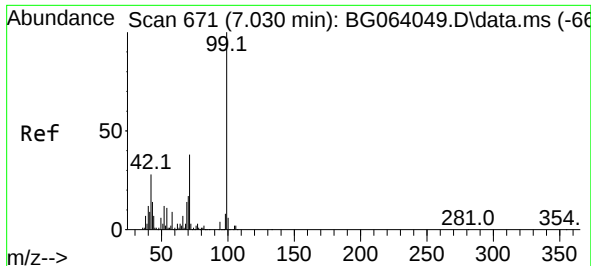
Tgt Ion:152 Resp: 24382
Ion Ratio Lower Upper
152 100
150 164.0 129.2 193.8
115 66.4 63.0 94.6



#5
2-Fluorophenol
Concen: 78.638 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG064193.D
Acq: 4 Apr 2025 8:48

Tgt Ion:112 Resp: 122793
Ion Ratio Lower Upper
112 100
64 64.4 53.7 80.5
63 40.7 30.2 45.4

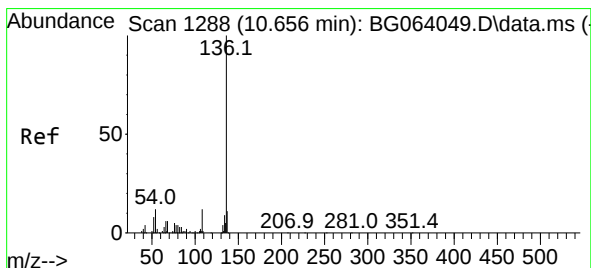
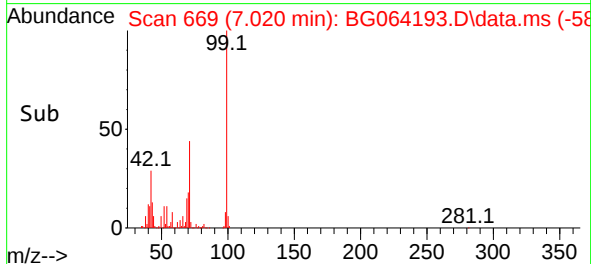
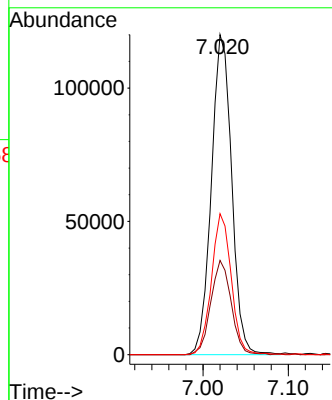
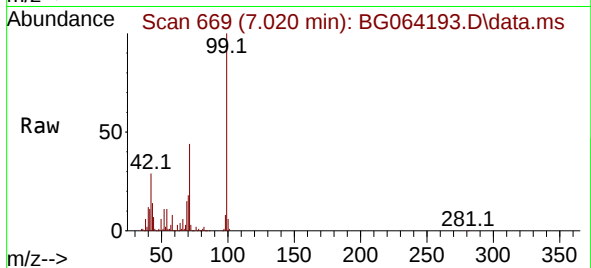




#7
Phenol-d6
Concen: 93.461 ng
RT: 7.020 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG064193.D
Acq: 4 Apr 2025 8:48

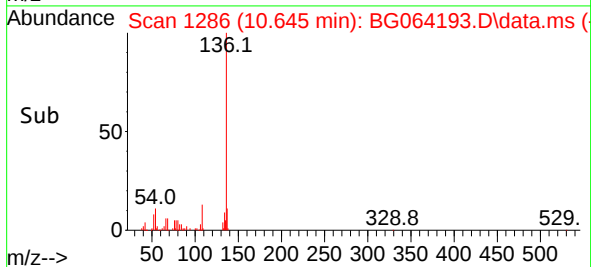
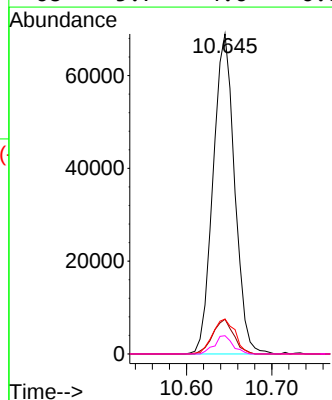
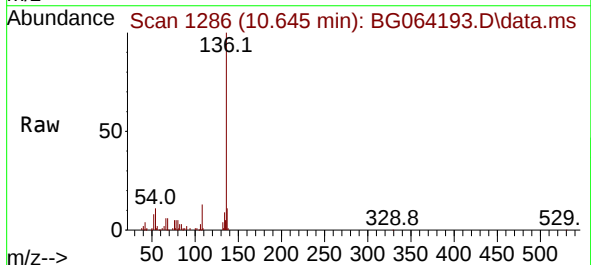
Instrument :
BNA_G
ClientSampleId :
ETGI-275

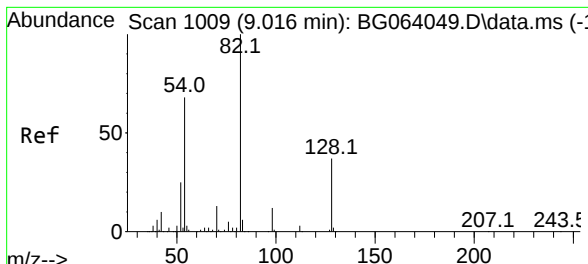
Tgt Ion: 99 Resp: 198535
Ion Ratio Lower Upper
99 100
42 29.5 22.7 34.1
71 44.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BG064193.D
Acq: 4 Apr 2025 8:48

Tgt Ion: 136 Resp: 121129
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 9.9 14.9
68 5.7 4.6 6.8

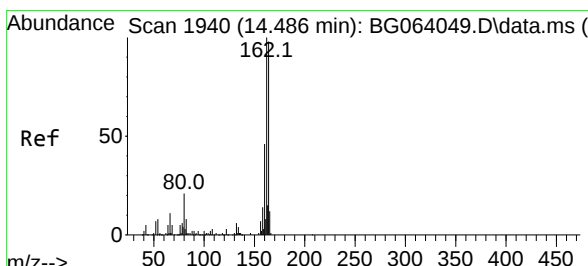
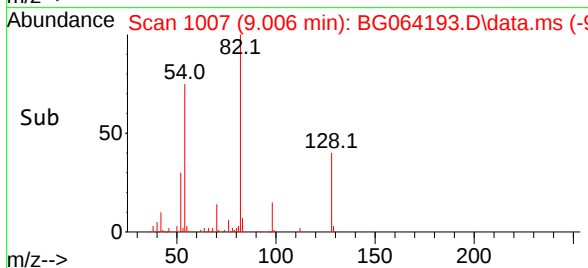
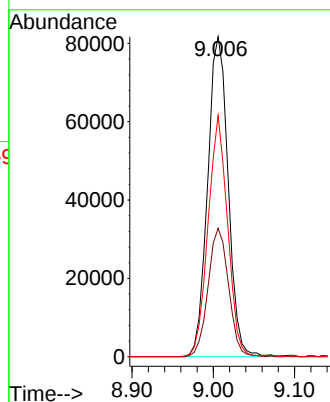
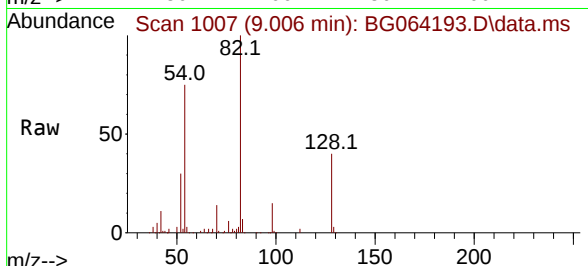




#23
 Nitrobenzene-d5
 Concen: 65.316 ng
 RT: 9.006 min Scan# 1007
 Delta R.T. -0.010 min
 Lab File: BG064193.D
 Acq: 4 Apr 2025 8:48

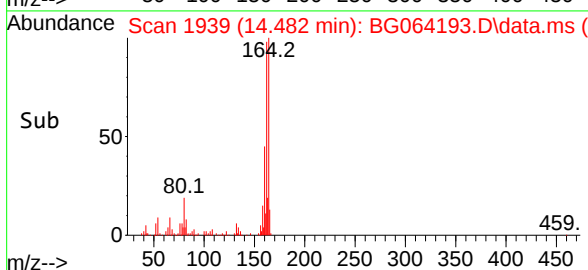
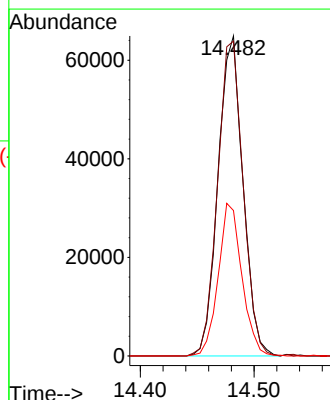
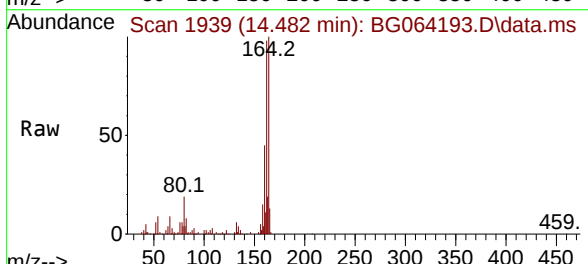
Instrument :
 BNA_G
 ClientSampleId :
 ETGI-275

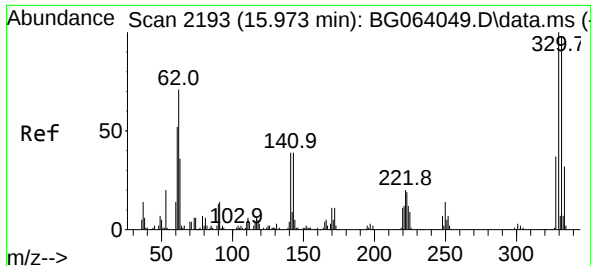
Tgt Ion: 82 Resp: 143166
 Ion Ratio Lower Upper
 82 100
 128 40.1 30.0 45.0
 54 75.3 54.7 82.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.482 min Scan# 1939
 Delta R.T. -0.004 min
 Lab File: BG064193.D
 Acq: 4 Apr 2025 8:48

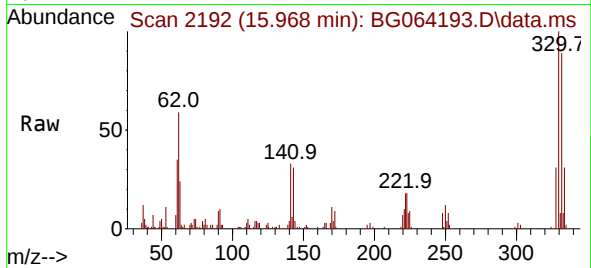
Tgt Ion: 164 Resp: 98791
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.4 122.0
 160 45.4 37.0 55.6



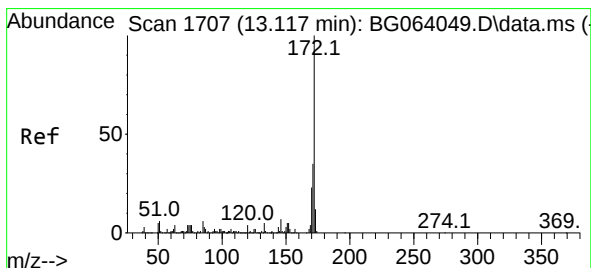
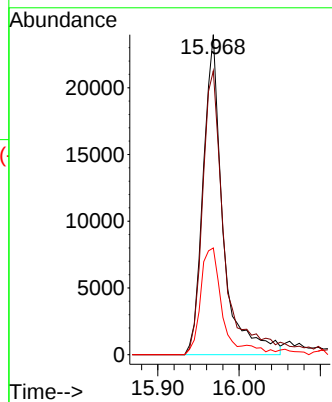
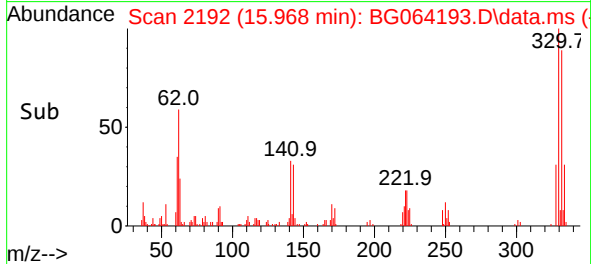


#42
2,4,6-Tribromophenol
Concen: 36.915 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064193.D
Acq: 4 Apr 2025 8:48

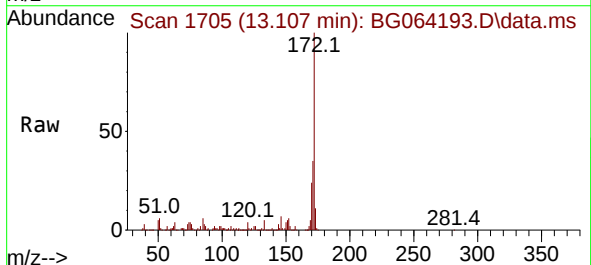
Instrument :
BNA_G
ClientSampleId :
ETGI-275



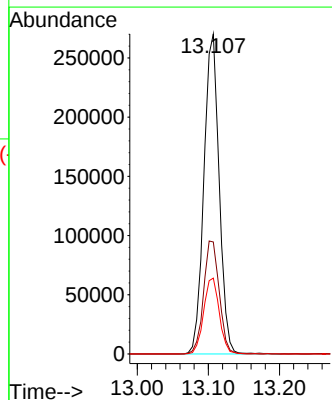
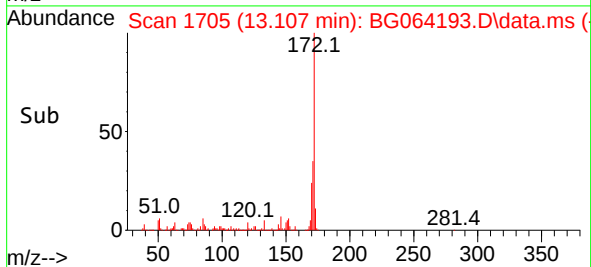
Tgt Ion:330 Resp: 40537
Ion Ratio Lower Upper
330 100
332 101.0 76.7 115.1
141 34.4 29.7 44.5

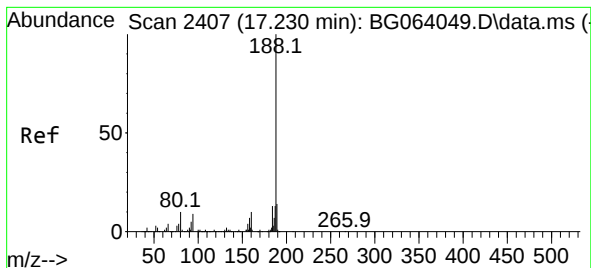


#45
2-Fluorobiphenyl
Concen: 62.130 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.010 min
Lab File: BG064193.D
Acq: 4 Apr 2025 8:48



Tgt Ion:172 Resp: 404370
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.220 min Scan# 2405

Delta R.T. -0.010 min

Lab File: BG064193.D

Acq: 4 Apr 2025 8:48

Instrument :

BNA_G

ClientSampleId :

ETGI-275

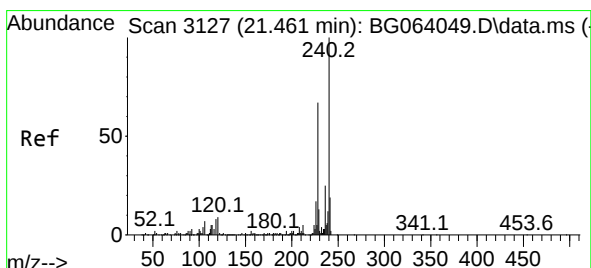
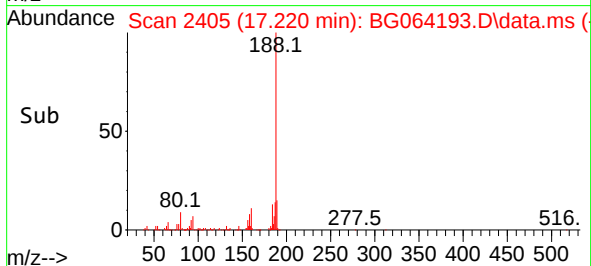
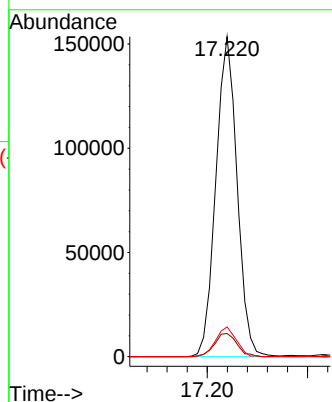
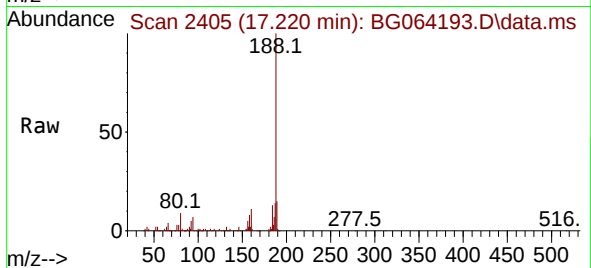
Tgt Ion:188 Resp: 225191

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

80 9.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3125

Delta R.T. -0.010 min

Lab File: BG064193.D

Acq: 4 Apr 2025 8:48

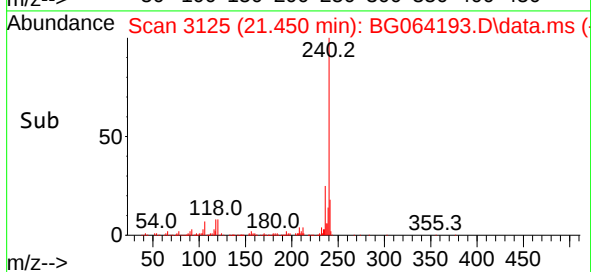
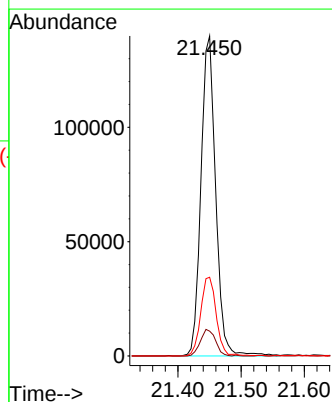
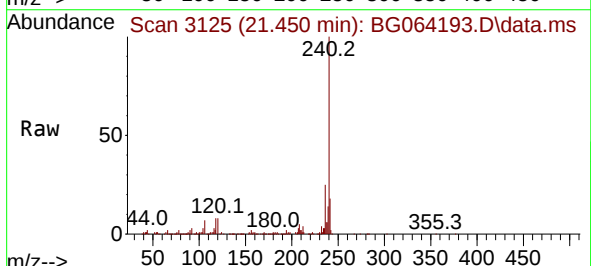
Tgt Ion:240 Resp: 226162

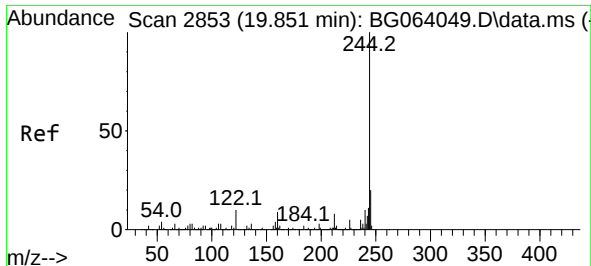
Ion Ratio Lower Upper

240 100

120 7.7 7.2 10.8

236 24.6 20.2 30.2

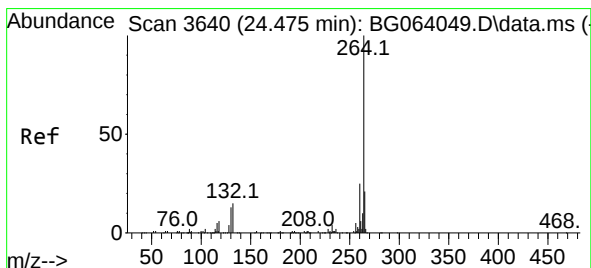
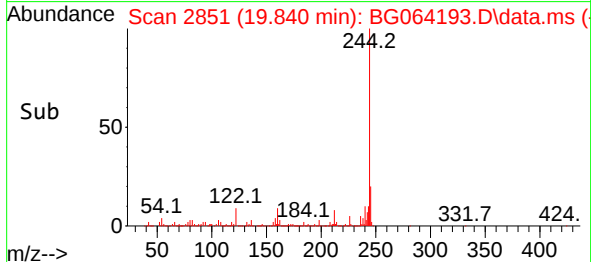
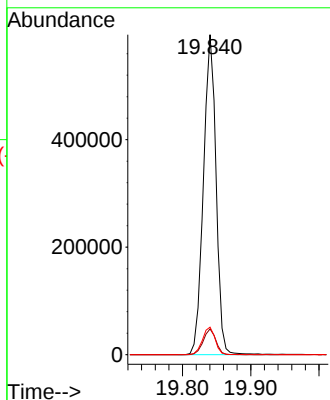
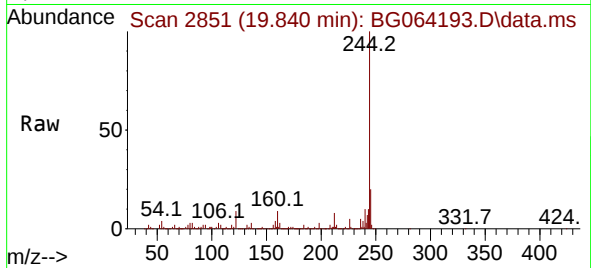




#79
 Terphenyl-d14
 Concen: 68.559 ng
 RT: 19.840 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG064193.D
 Acq: 4 Apr 2025 8:48

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-275

Tgt Ion:244 Resp: 766842
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 8.6 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: BG064193.D
 Acq: 4 Apr 2025 8:48

Tgt Ion:264 Resp: 244922
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 22.1 16.6 25.0

