

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064133.D
 Acq On : 1 Apr 2025 13:43
 Operator : RC/JU
 Sample : Q1672-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Apr 01 14:23:24 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	7.859	152	33083	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	139783	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	95138	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	219379	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	238092	20.000	ng	-0.01
86) Perylene-d12	24.463	264	259474	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	230967	109.011	ng	0.00
7) Phenol-d6	7.025	99	321291	111.470	ng	0.00
23) Nitrobenzene-d5	9.011	82	206195	81.517	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	155560	147.098	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	493955	78.808	ng	-0.01
79) Terphenyl-d14	19.845	244	886644	75.298	ng	0.00

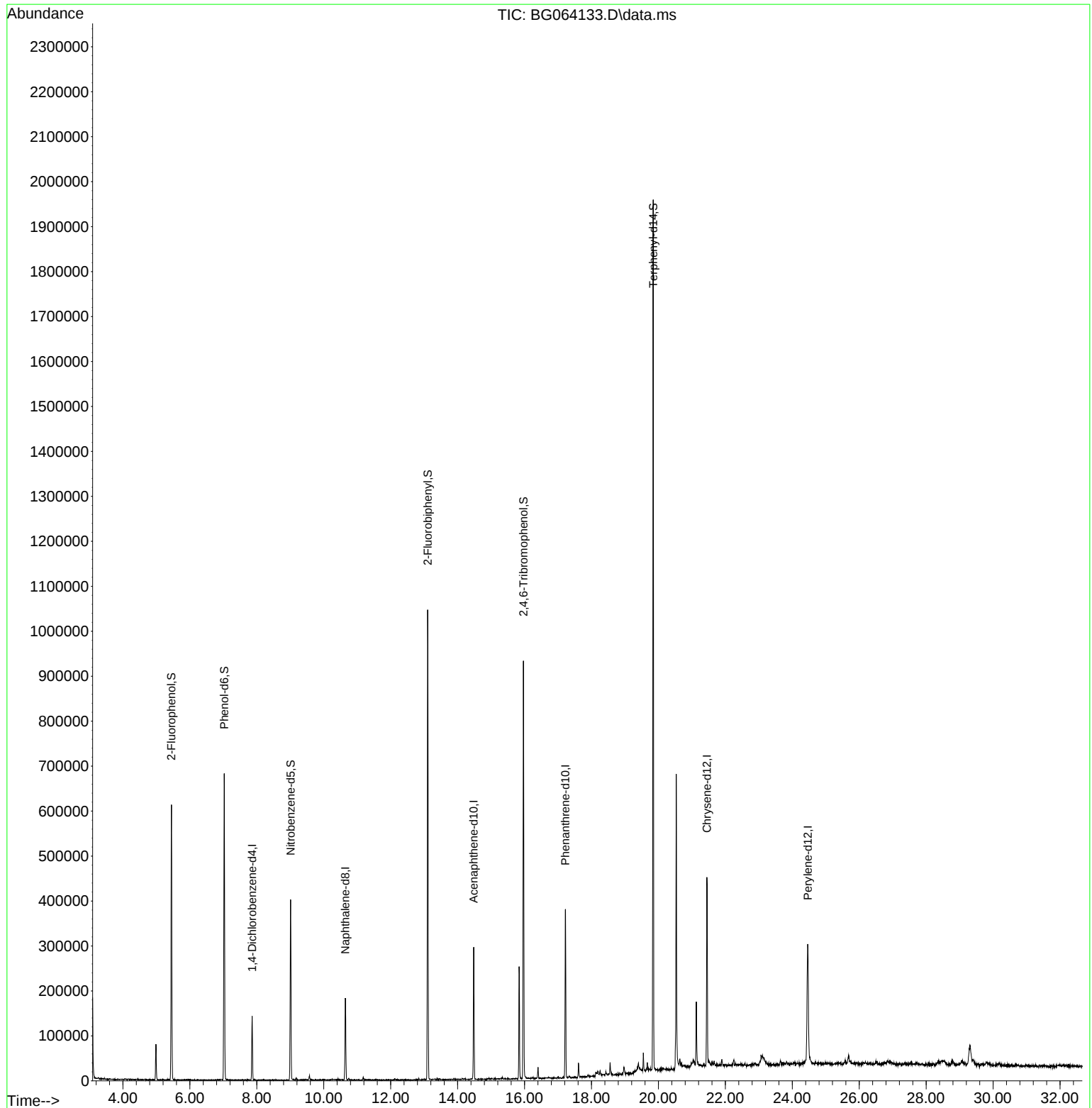
Target Compounds	Qvalue

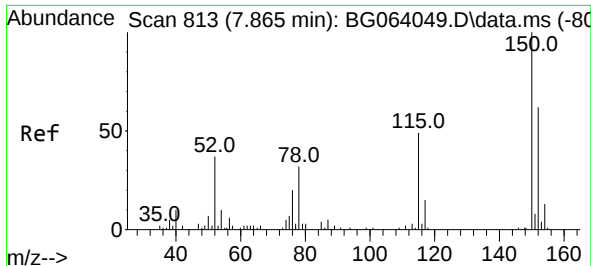
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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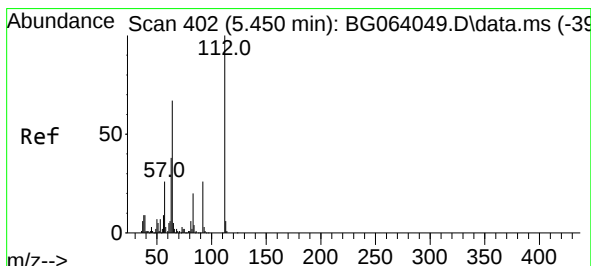
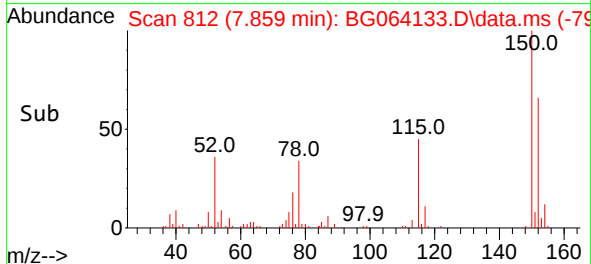
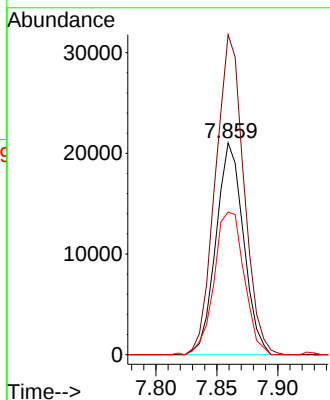
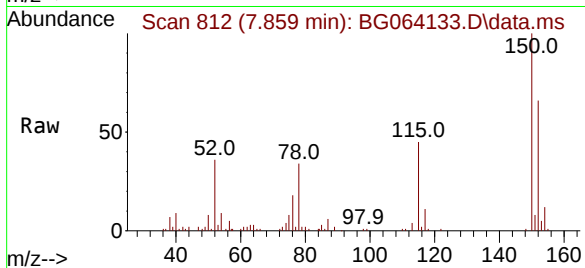




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

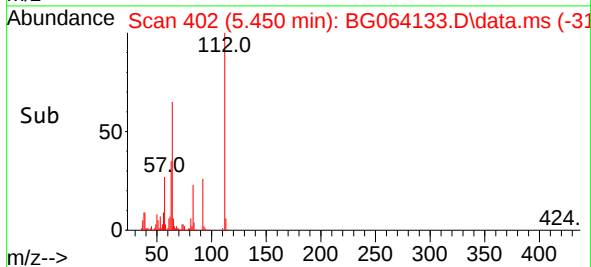
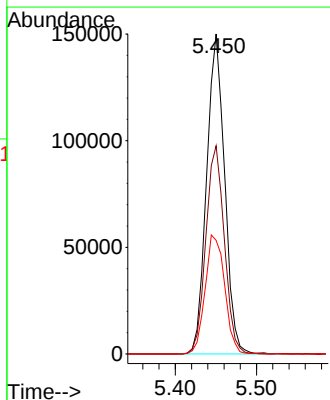
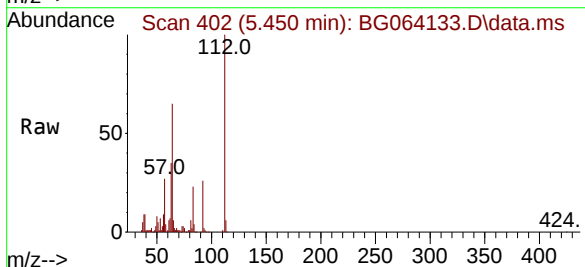
Instrument :
BNA_G
ClientSampleId :
TP-8

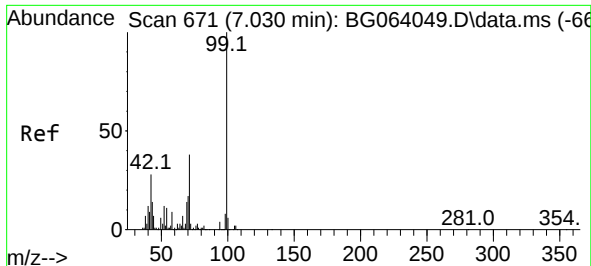
Tgt Ion:152 Resp: 33083
Ion Ratio Lower Upper
152 100
150 151.0 129.2 193.8
115 67.3 63.0 94.6



#5
2-Fluorophenol
Concen: 109.011 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

Tgt Ion:112 Resp: 230967
Ion Ratio Lower Upper
112 100
64 65.1 53.7 80.5
63 35.5 30.2 45.4

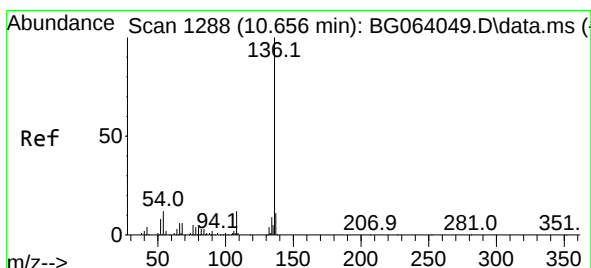
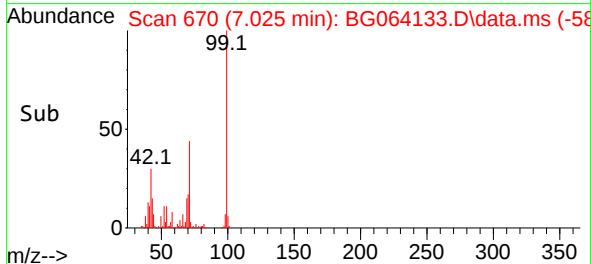
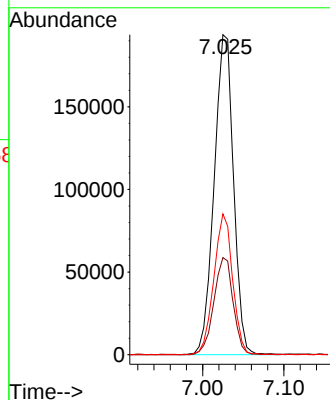
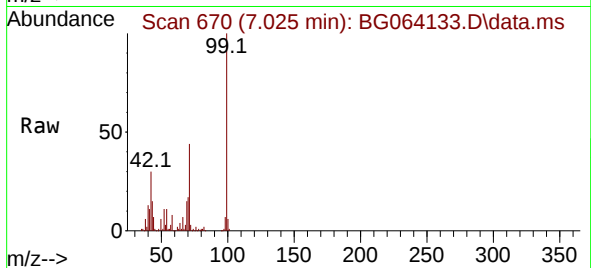




#7
Phenol-d6
Concen: 111.470 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

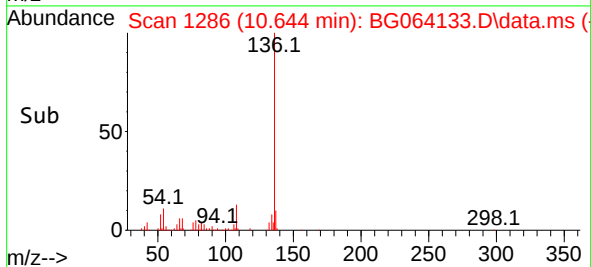
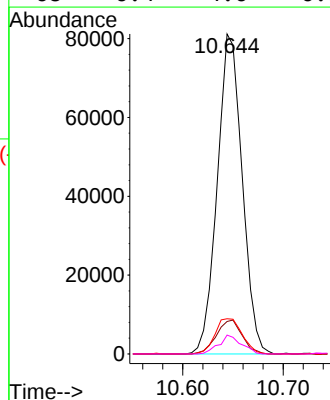
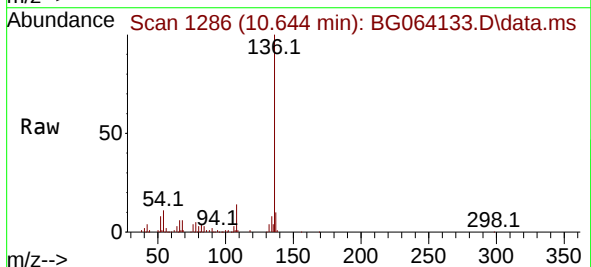
Instrument :
BNA_G
ClientSampleId :
TP-8

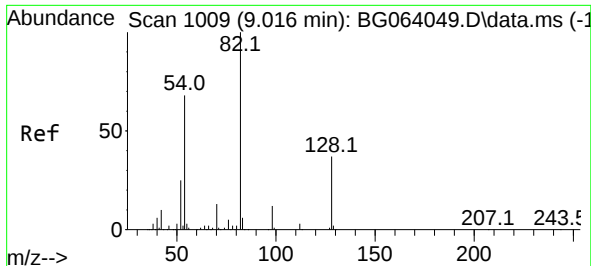
Tgt Ion: 99 Resp: 321291
Ion Ratio Lower Upper
99 100
42 30.3 22.7 34.1
71 44.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

Tgt Ion: 136 Resp: 139783
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 11.0 9.9 14.9
68 6.4 4.6 6.8

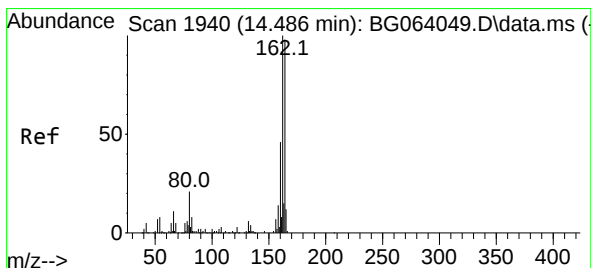
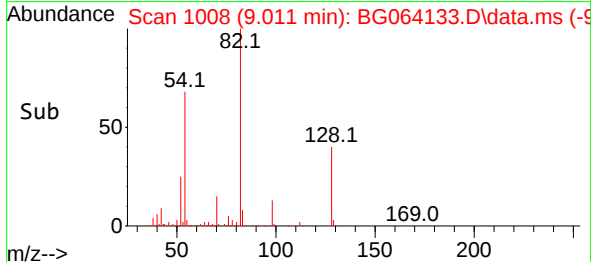
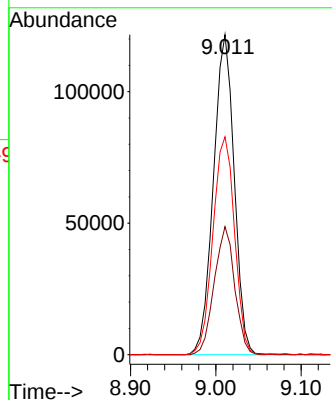
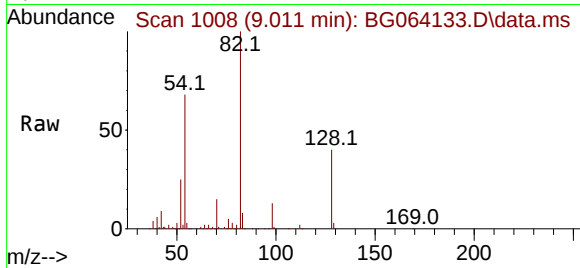




#23
Nitrobenzene-d5
Concen: 81.517 ng
RT: 9.011 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

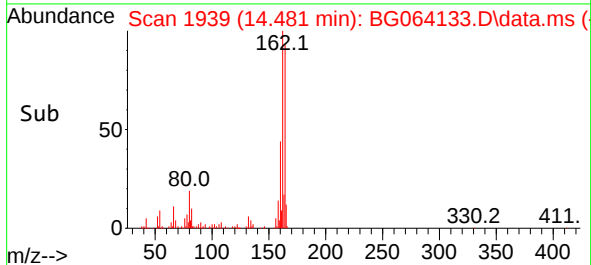
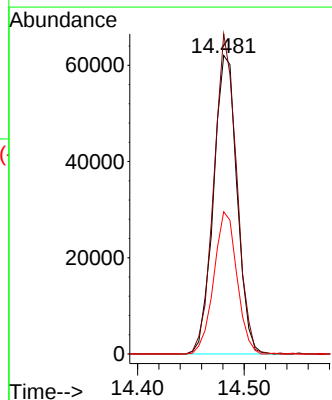
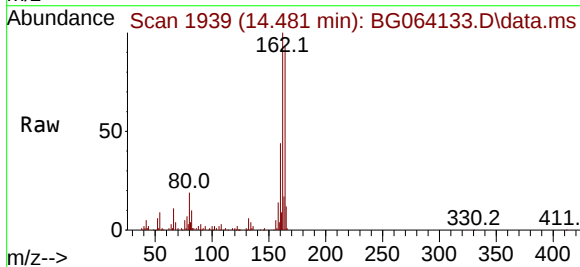
Instrument :
BNA_G
ClientSampleId :
TP-8

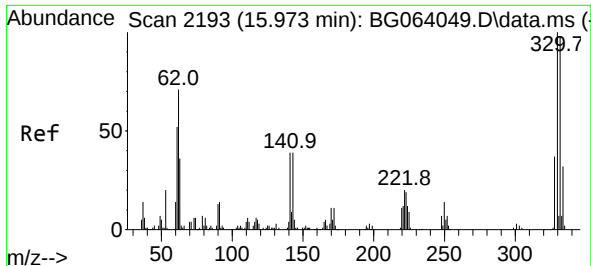
Tgt Ion: 82 Resp: 206195
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 68.1 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

Tgt Ion:164 Resp: 95138
Ion Ratio Lower Upper
164 100
162 107.2 81.4 122.0
160 47.7 37.0 55.6

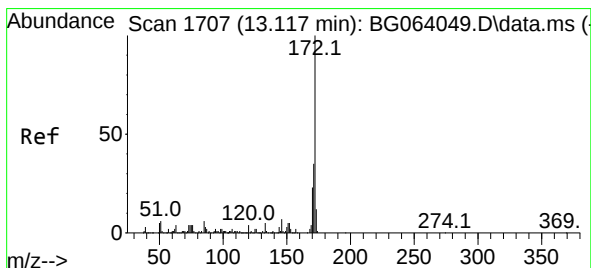
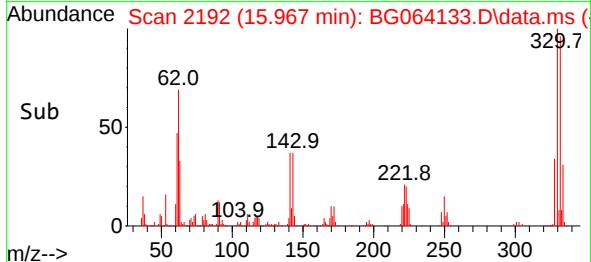
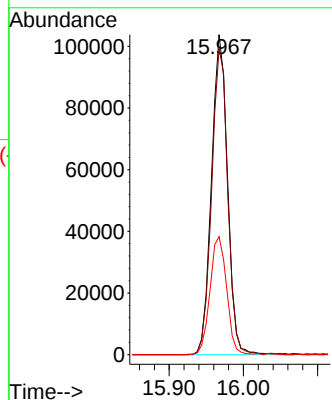
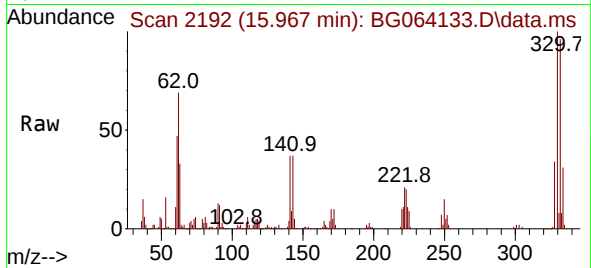




#42
2,4,6-Tribromophenol
Concen: 147.098 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

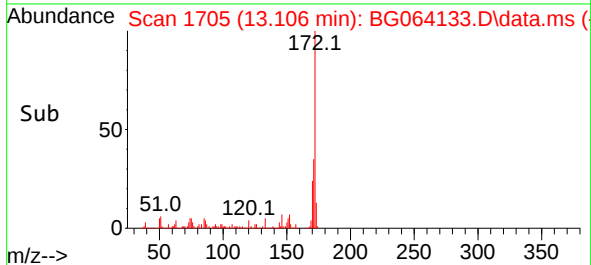
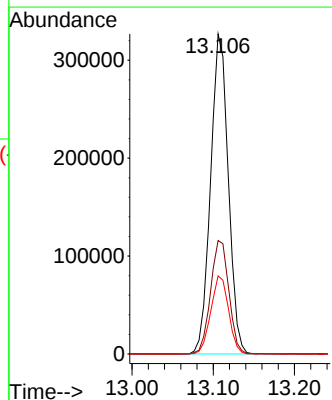
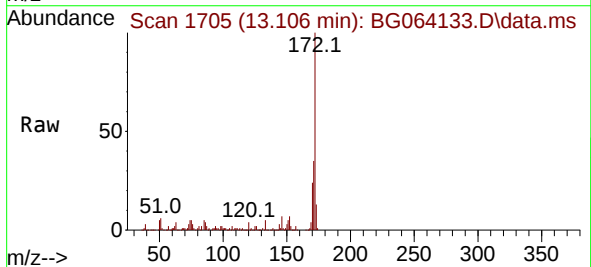
Instrument :
BNA_G
ClientSampleId :
TP-8

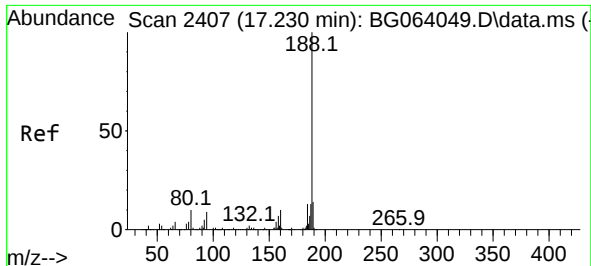
Tgt Ion:330 Resp: 155560
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 38.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 78.808 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

Tgt Ion:172 Resp: 493955
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.4 18.7 28.1

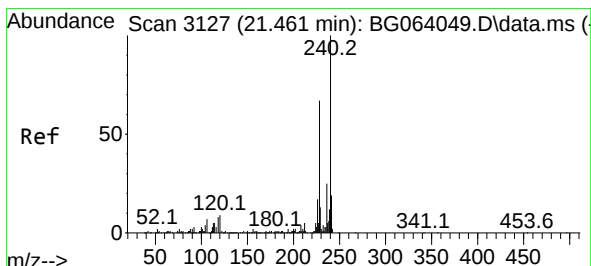
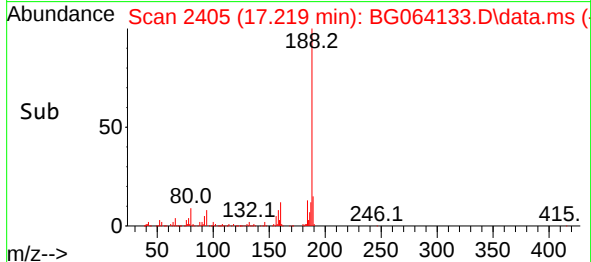
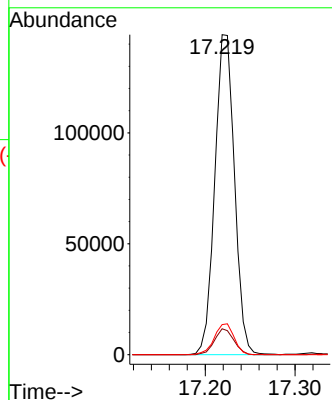
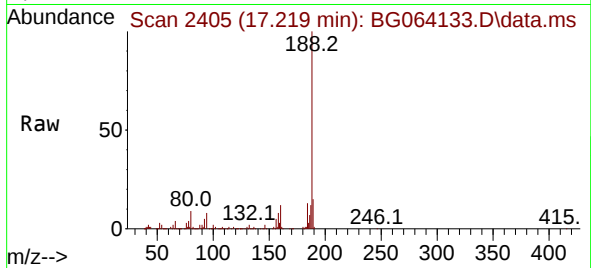




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

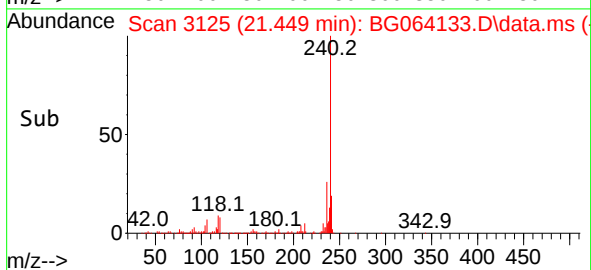
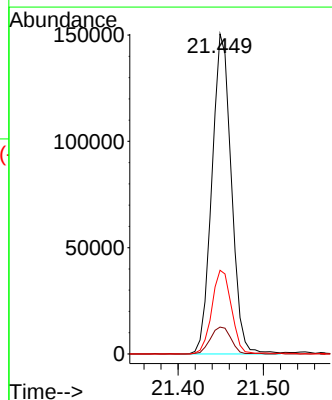
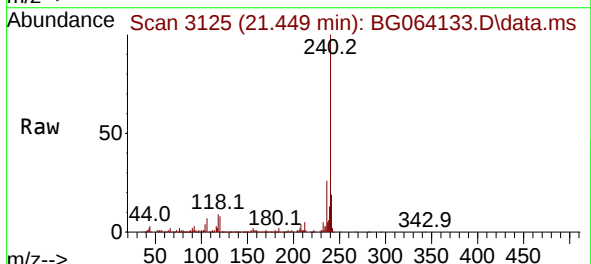
Instrument :
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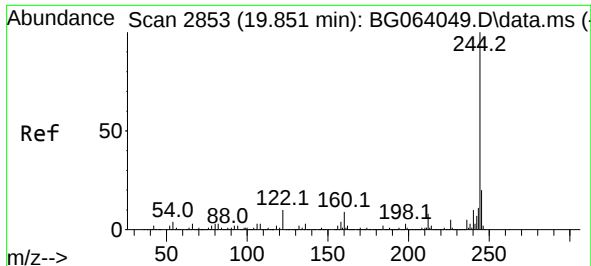
Tgt Ion:188 Resp: 219379
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG064133.D
Acq: 1 Apr 2025 13:43

Tgt Ion:240 Resp: 238092
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 26.2 20.2 30.2

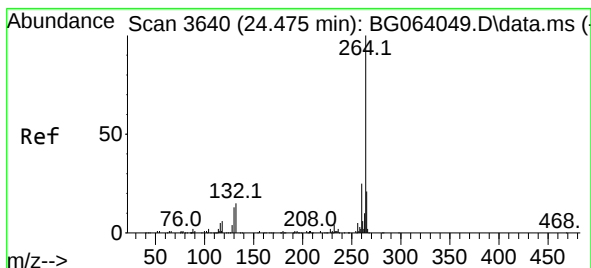
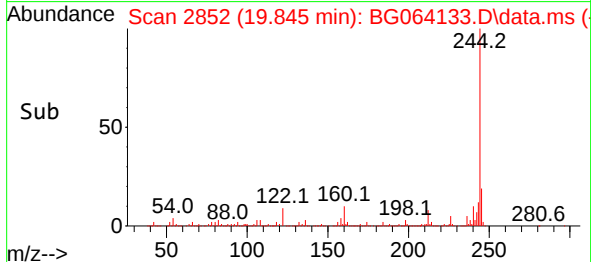
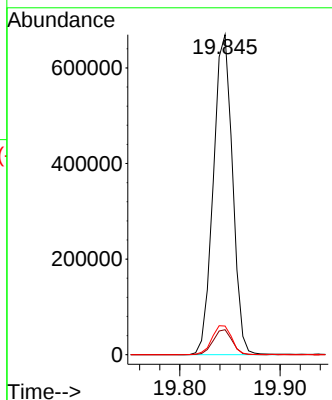
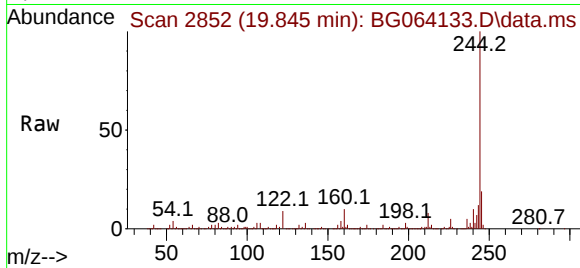




#79
 Terphenyl-d14
 Concen: 75.298 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064133.D
 Acq: 1 Apr 2025 13:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 886644
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.463 min Scan# 3638
 Delta R.T. -0.011 min
 Lab File: BG064133.D
 Acq: 1 Apr 2025 13:43

Tgt Ion:264 Resp: 259474
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.0 16.6 25.0

