

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064181.D
 Acq On : 4 Apr 2025 00:42
 Operator : RC/JU
 Sample : PB167445BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167445BL

Quant Time: Apr 04 01:50:15 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	24606	20.000	ng	# 0.00
21) Naphthalene-d8	10.643	136	114301	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	90915	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	226903	20.000	ng	0.00
76) Chrysene-d12	21.448	240	237009	20.000	ng	-0.01
86) Perylene-d12	24.457	264	247790	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	250410	158.905	ng	0.00
7) Phenol-d6	7.024	99	339039	158.151	ng	0.00
23) Nitrobenzene-d5	9.010	82	232452	112.385	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	196414	194.357	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	589358	98.397	ng	-0.01
79) Terphenyl-d14	19.844	244	1227833	104.750	ng	0.00

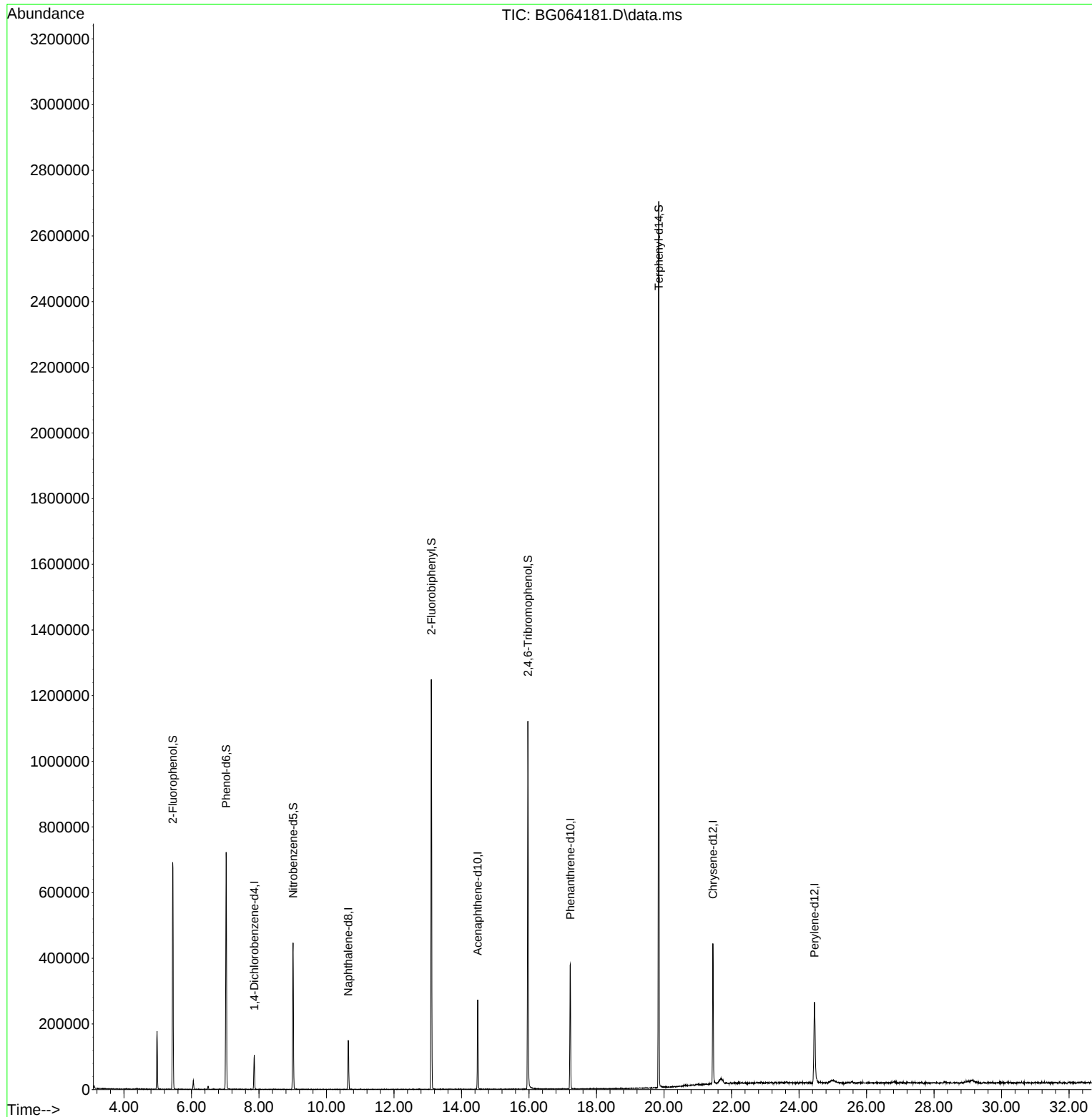
Target Compounds	Qvalue

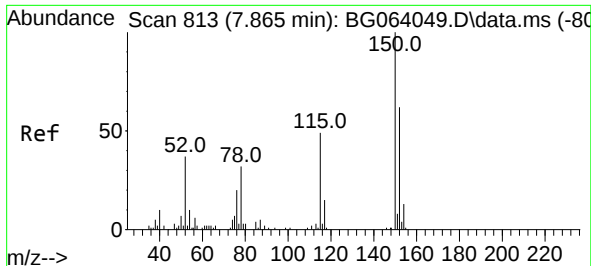
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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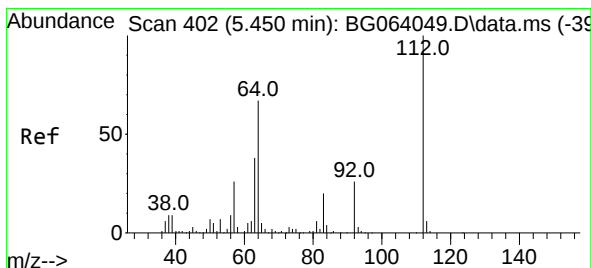
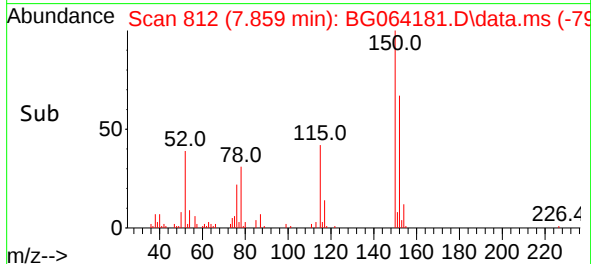
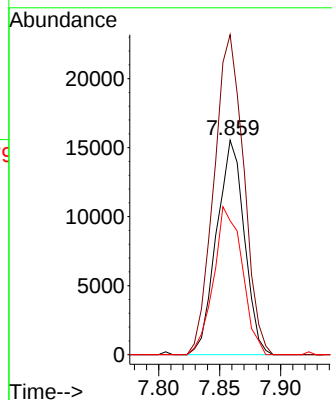
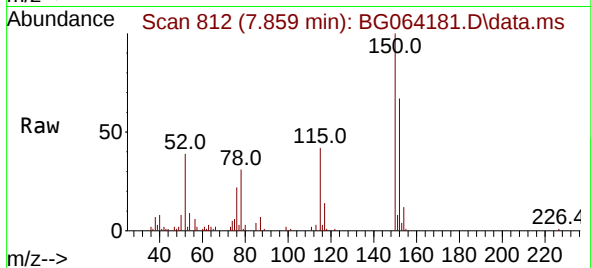




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

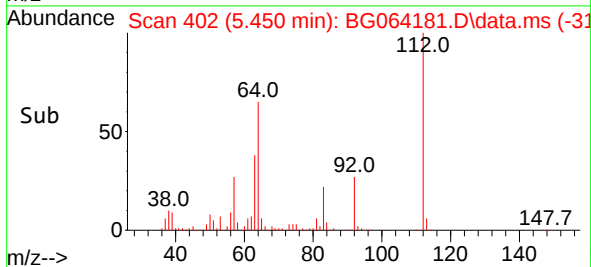
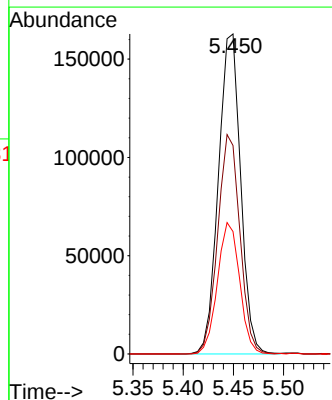
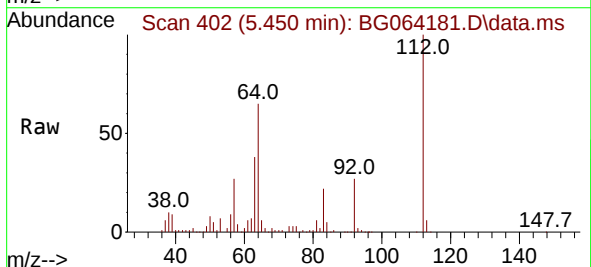
Instrument :
BNA_G
ClientSampleId :
PB167445BL

Tgt Ion:152 Resp: 24606
Ion Ratio Lower Upper
152 100
150 149.3 129.2 193.8
115 62.5 63.0 94.6#



#5
2-Fluorophenol
Concen: 158.905 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:112 Resp: 250410
Ion Ratio Lower Upper
112 100
64 65.1 53.7 80.5
63 38.3 30.2 45.4

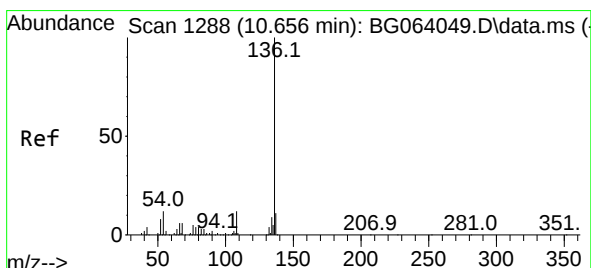
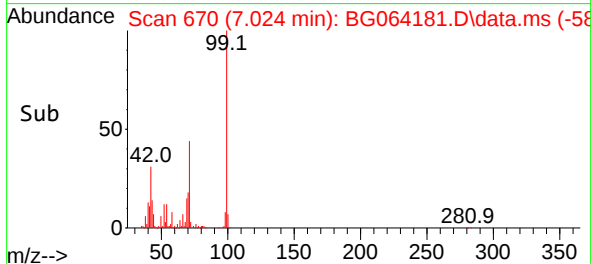
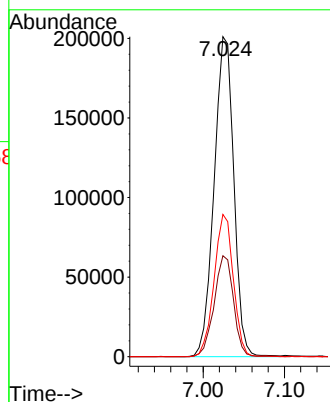
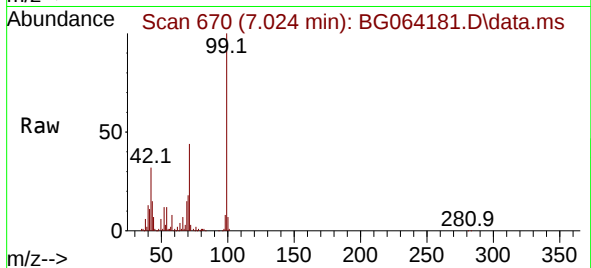




#7
Phenol-d6
Concen: 158.151 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

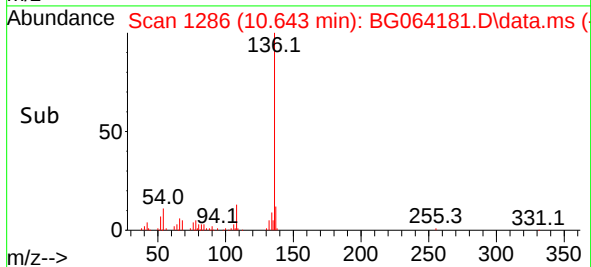
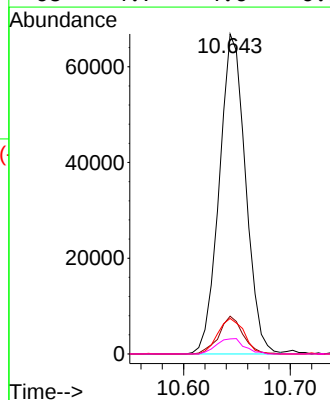
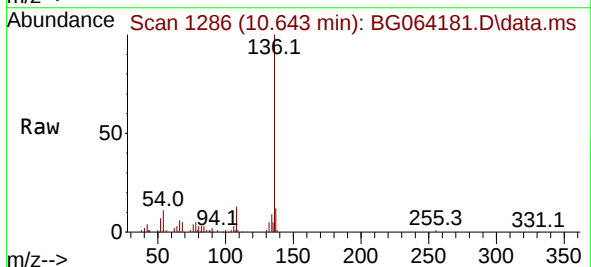
Instrument :
BNA_G
ClientSampleId :
PB167445BL

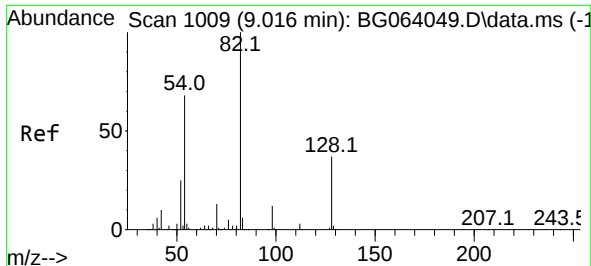
Tgt Ion: 99 Resp: 339039
Ion Ratio Lower Upper
99 100
42 31.6 22.7 34.1
71 44.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 1286
Delta R.T. -0.013 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion: 136 Resp: 114301
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 11.1 9.9 14.9
68 4.7 4.6 6.8

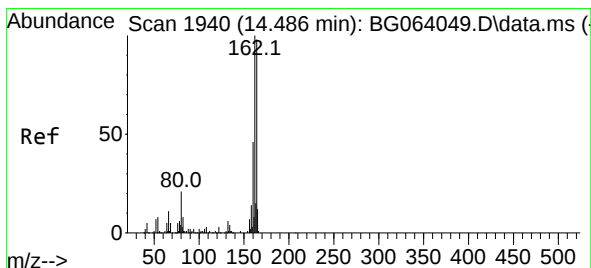
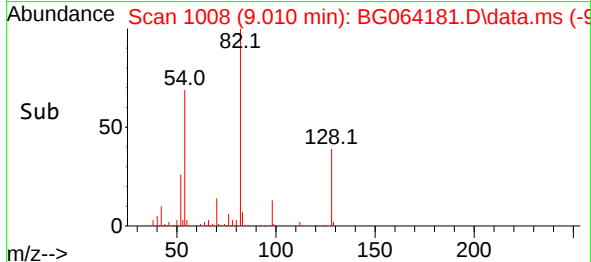
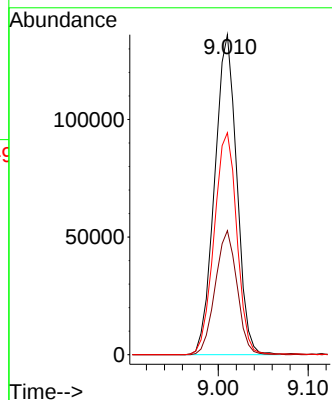
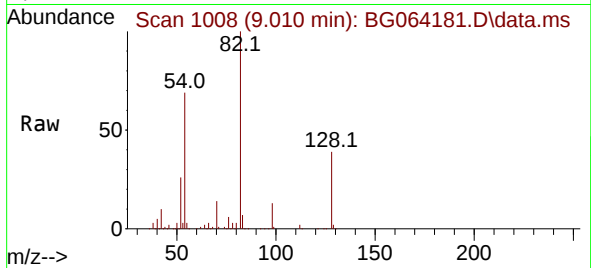




#23
Nitrobenzene-d5
Concen: 112.385 ng
RT: 9.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

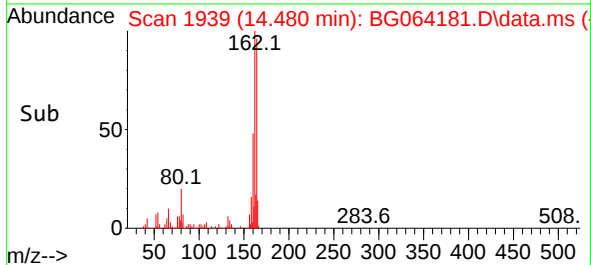
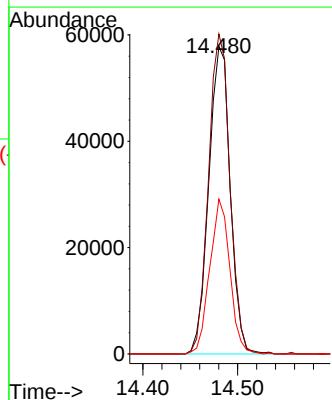
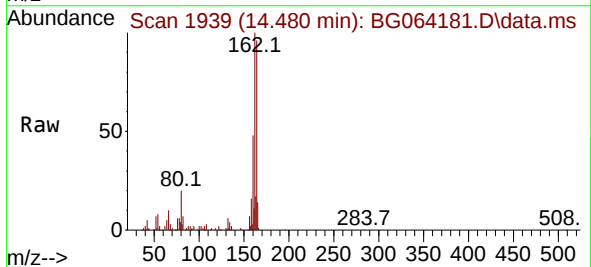
Instrument :
BNA_G
ClientSampleId :
PB167445BL

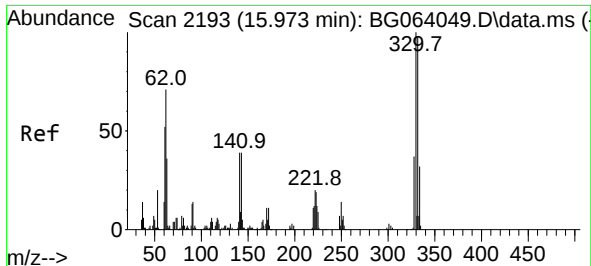
Tgt Ion: 82 Resp: 232452
Ion Ratio Lower Upper
82 100
128 38.8 30.0 45.0
54 69.4 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

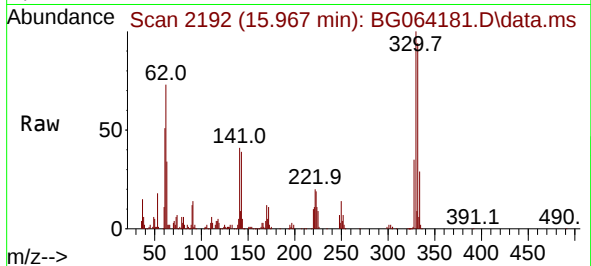
Tgt Ion:164 Resp: 90915
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 50.3 37.0 55.6



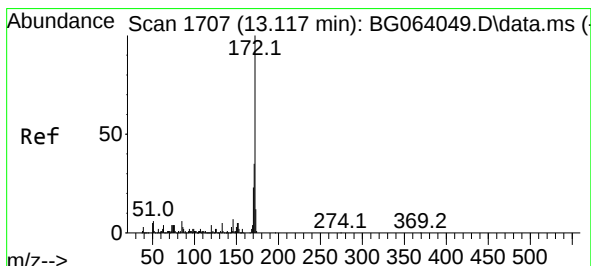
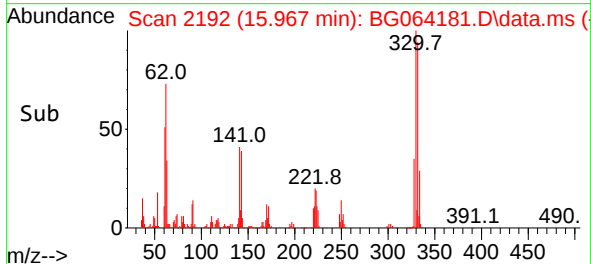
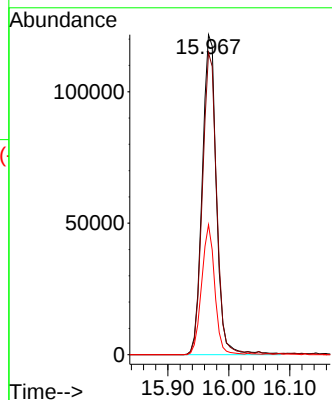


#42
2,4,6-Tribromophenol
Concen: 194.357 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :
PB167445BL

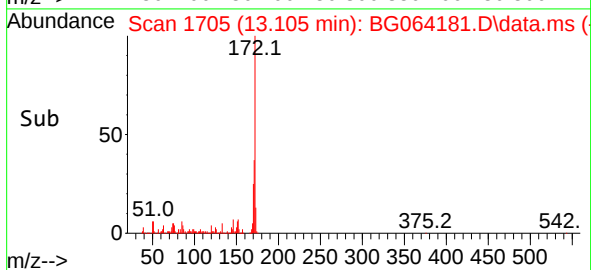
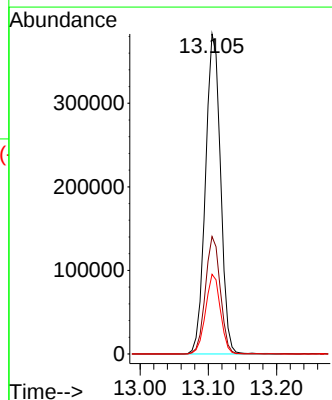
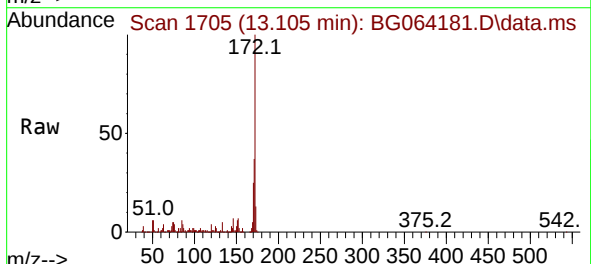


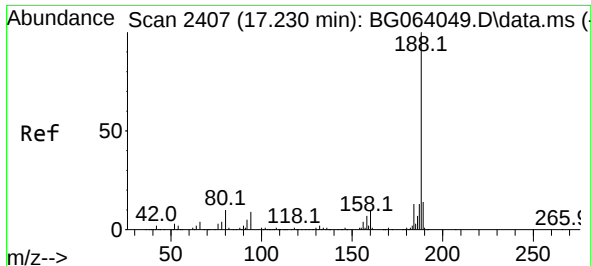
Tgt Ion:330 Resp: 196414
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 37.4 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 98.397 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

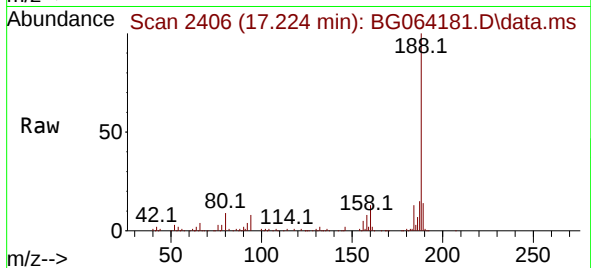
Tgt Ion:172 Resp: 589358
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 24.9 18.7 28.1



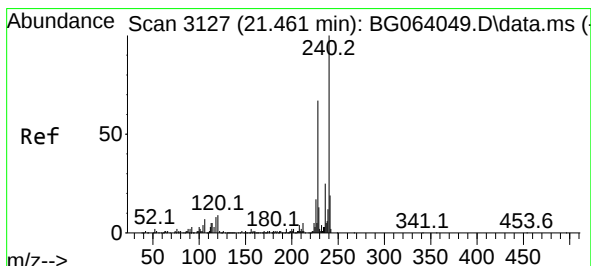
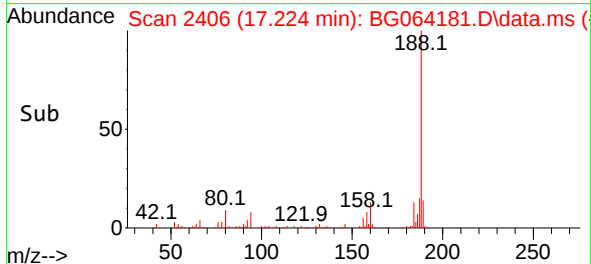
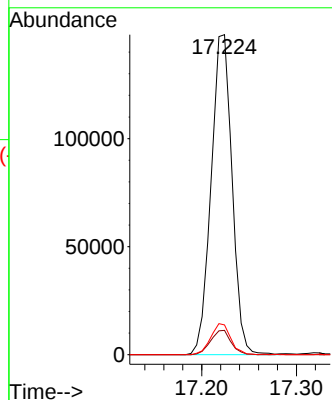


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :
PB167445BL

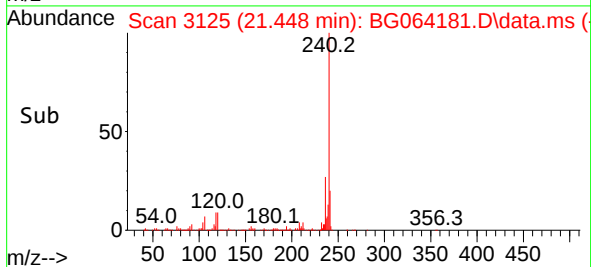
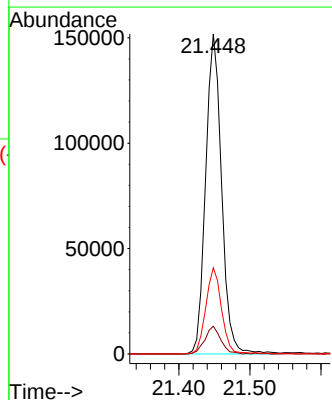
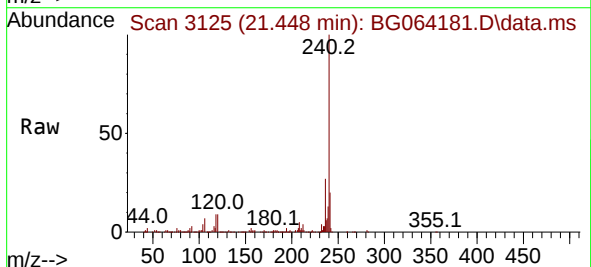


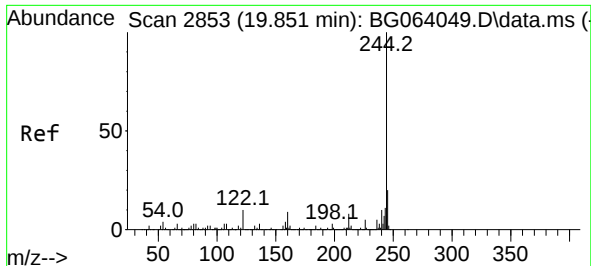
Tgt Ion:188 Resp: 226903
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:240 Resp: 237009
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 26.9 20.2 30.2

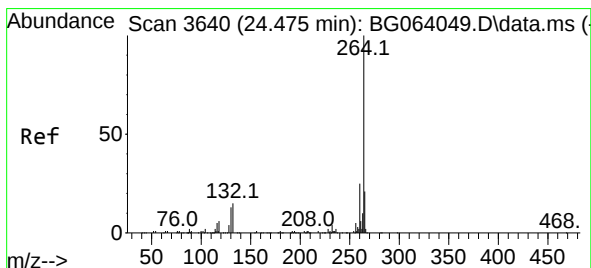
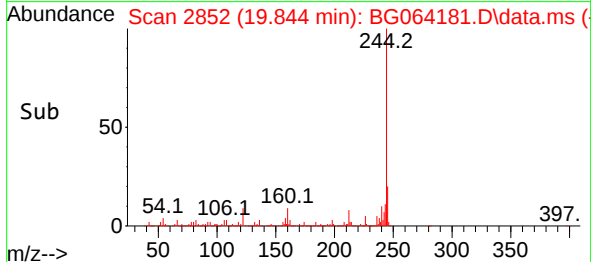
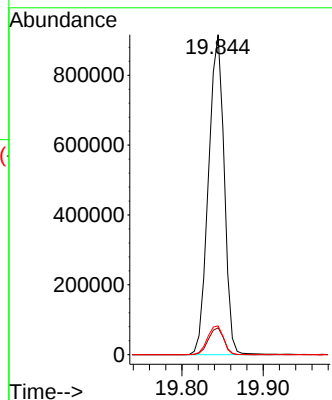
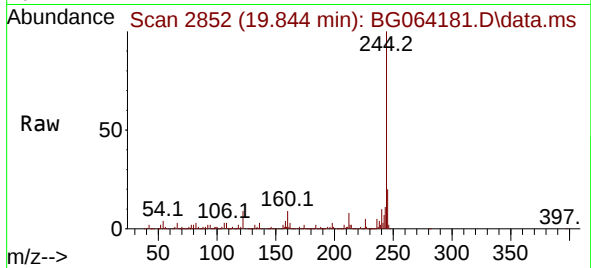




#79
Terphenyl-d14
Concen: 104.750 ng
RT: 19.844 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :
PB167445BL

Tgt Ion:244 Resp: 1227833
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.4
122 9.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 3637
Delta R.T. -0.018 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:264 Resp: 247790
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.1 16.6 25.0

