

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064071.D
 Acq On : 7 Mar 2025 23:05
 Operator : RC/JU
 Sample : Q1494-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Quant Time: Mar 07 23:48:36 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	7.864	152	30451	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	134144	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	93894	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	218590	20.000	ng	0.00
76) Chrysene-d12	21.460	240	220195	20.000	ng	0.00
86) Perylene-d12	24.474	264	228301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	263934	135.338	ng	0.00
7) Phenol-d6	7.030	99	315310	118.850	ng	0.00
23) Nitrobenzene-d5	9.016	82	250848	103.339	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	166910	159.922	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	570343	92.201	ng	0.00
79) Terphenyl-d14	19.850	244	1139175	104.608	ng	0.00

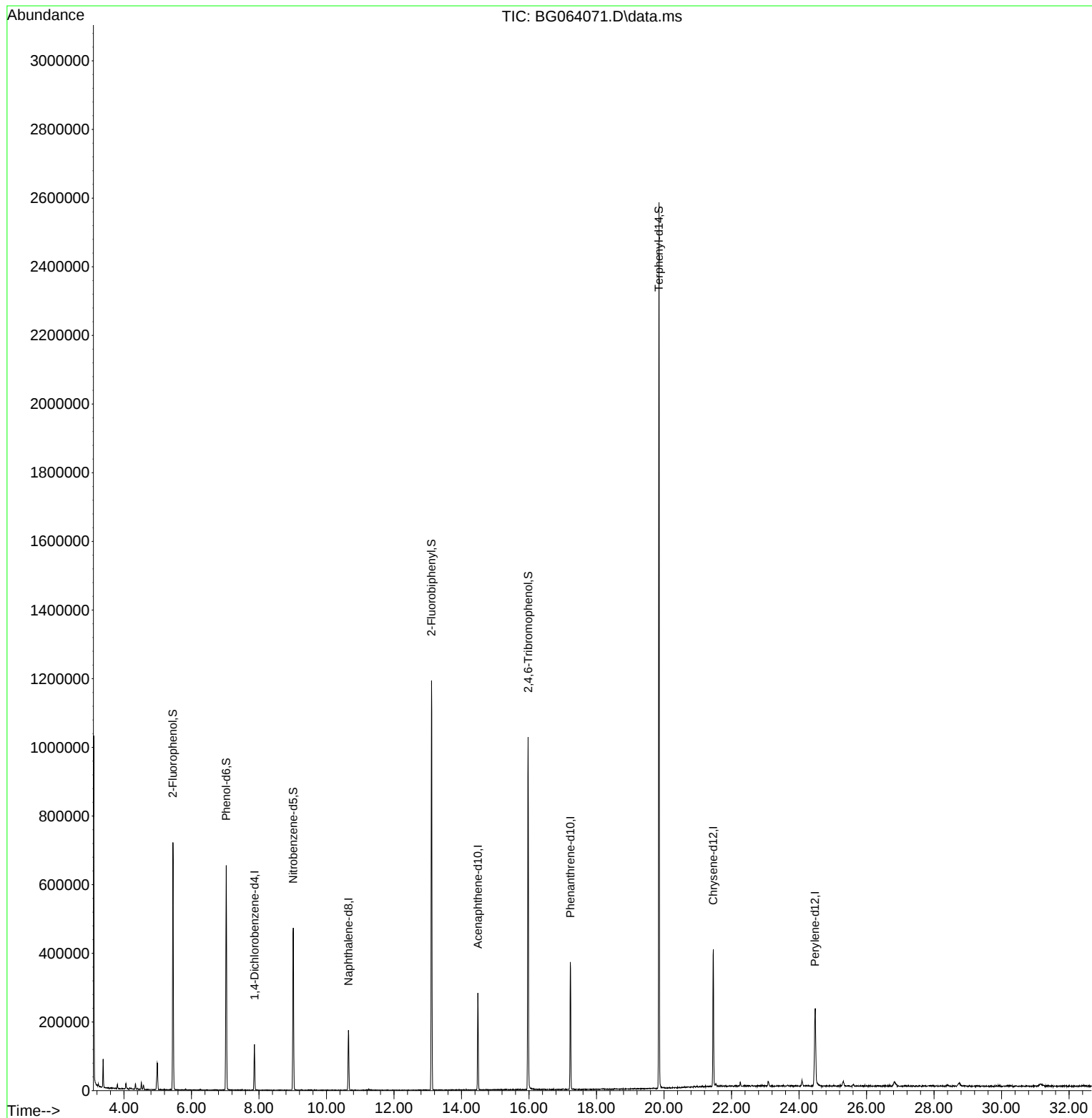
Target Compounds	Qvalue

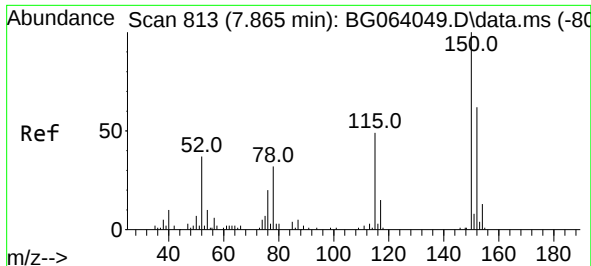
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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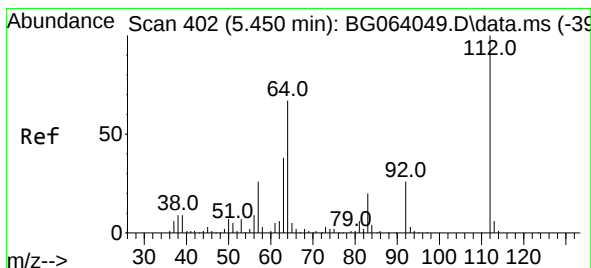
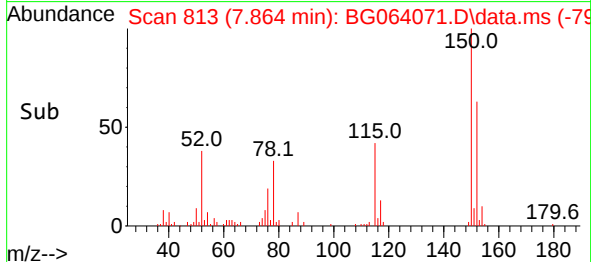
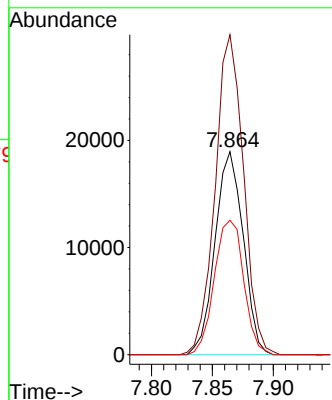
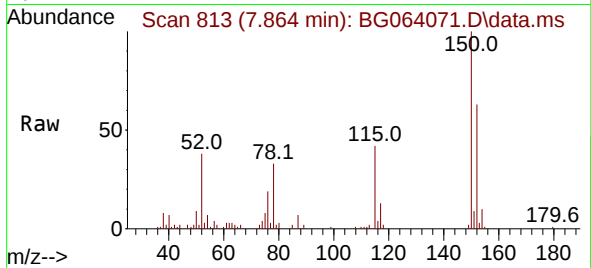




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

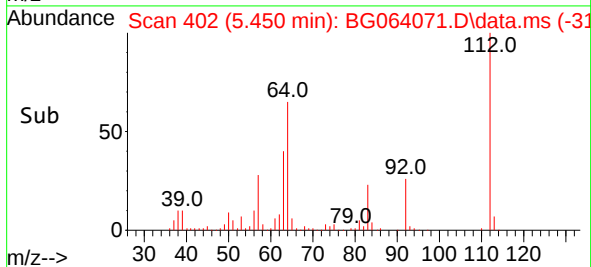
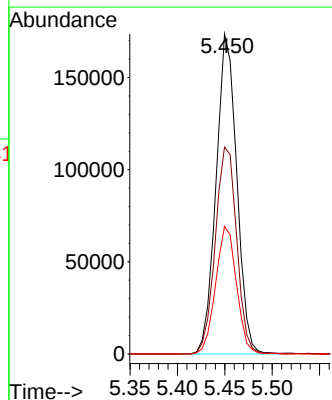
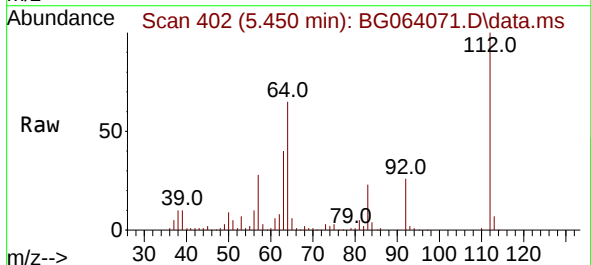
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

Tgt Ion:152 Resp: 30451
Ion Ratio Lower Upper
152 100
150 157.6 129.2 193.8
115 66.2 63.0 94.6



#5
2-Fluorophenol
Concen: 135.338 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

Tgt Ion:112 Resp: 263934
Ion Ratio Lower Upper
112 100
64 64.6 53.7 80.5
63 39.8 30.2 45.4

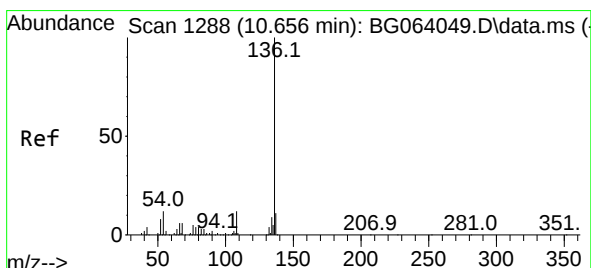
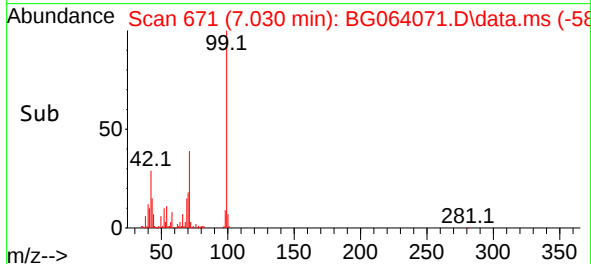
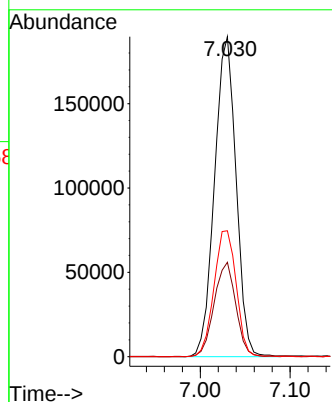
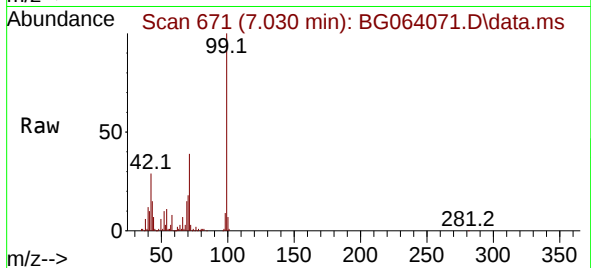




#7
Phenol-d6
Concen: 118.850 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

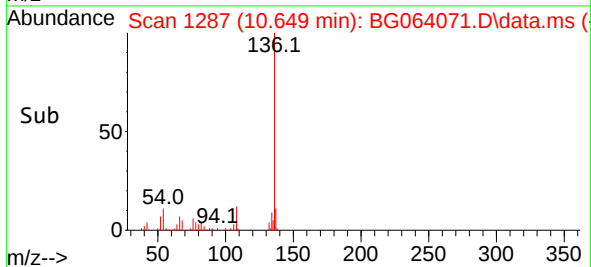
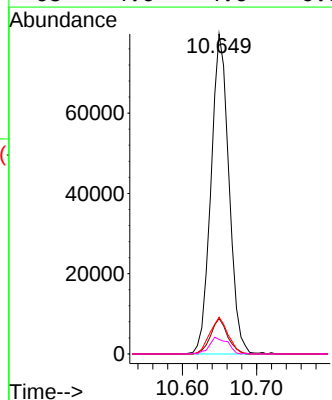
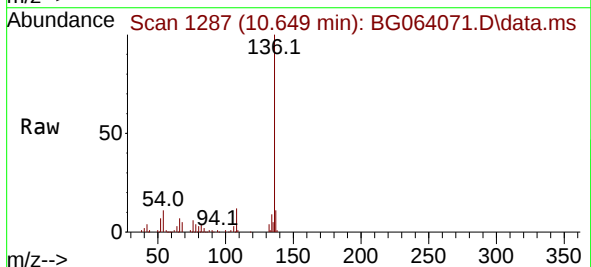
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

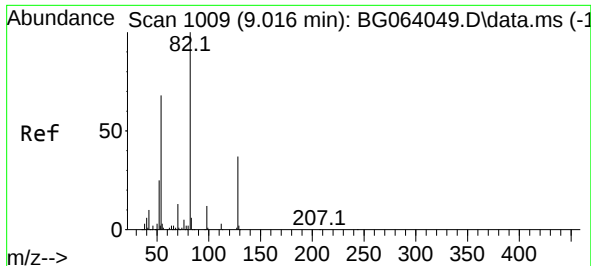
Tgt Ion: 99 Resp: 315310
Ion Ratio Lower Upper
99 100
42 29.5 22.7 34.1
71 39.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

Tgt Ion:136 Resp: 134144
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.5 9.9 14.9
68 4.6 4.6 6.8

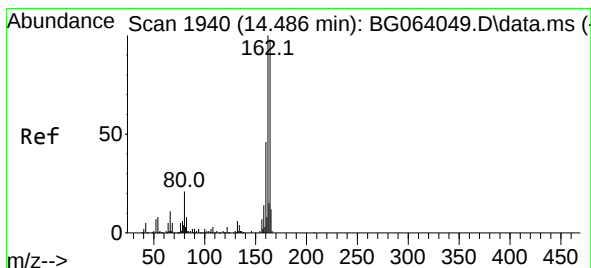
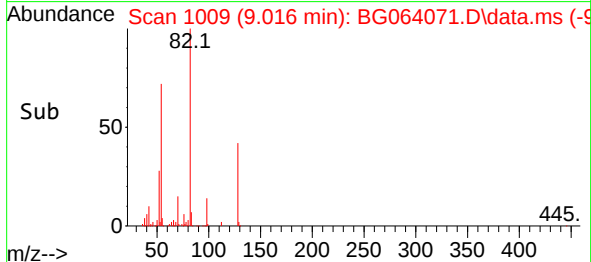
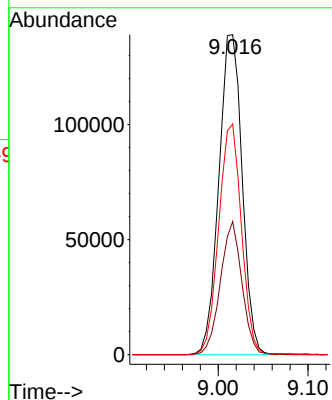
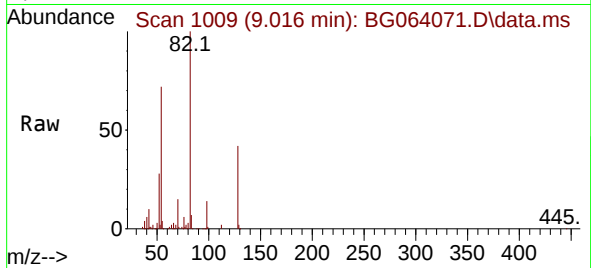




#23
Nitrobenzene-d5
Concen: 103.339 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

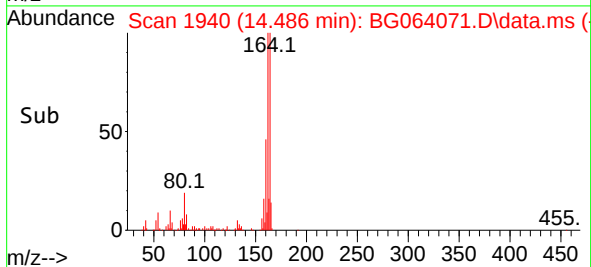
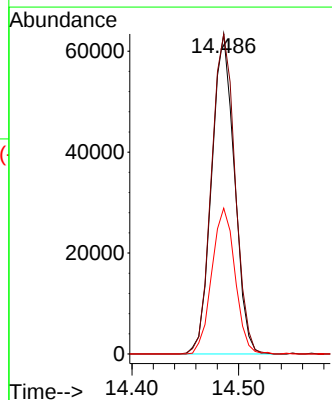
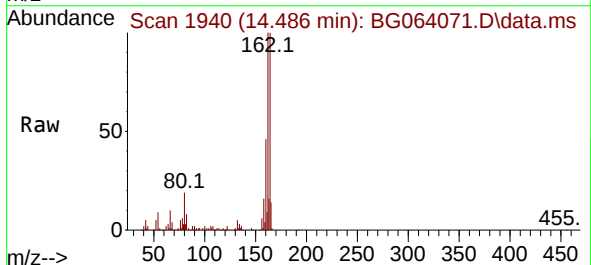
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

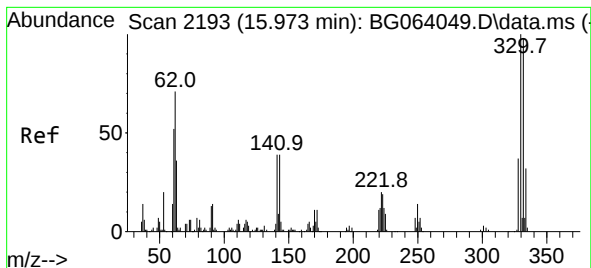
Tgt Ion: 82 Resp: 250848
Ion Ratio Lower Upper
82 100
128 41.6 30.0 45.0
54 72.1 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

Tgt Ion:164 Resp: 93894
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 45.6 37.0 55.6

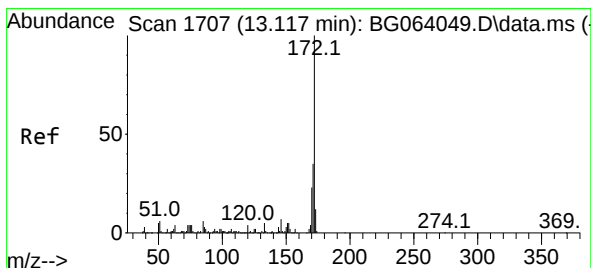
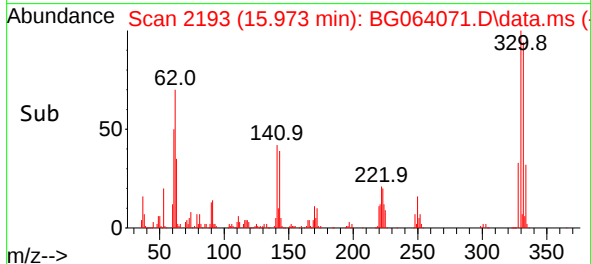
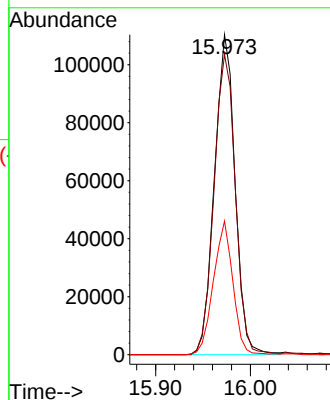
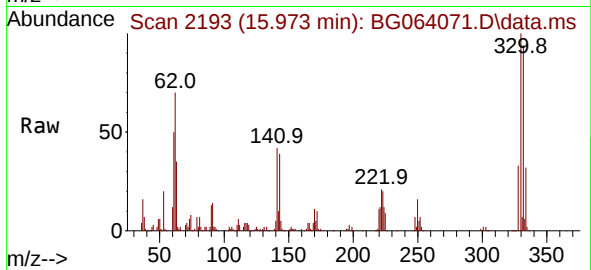




#42
2,4,6-Tribromophenol
Concen: 159.922 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

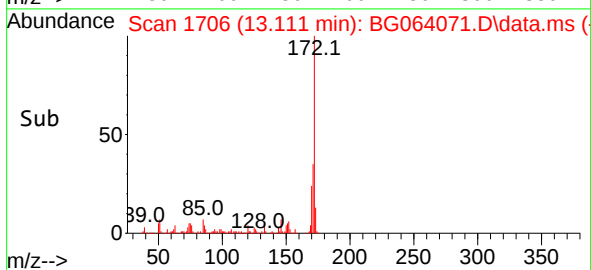
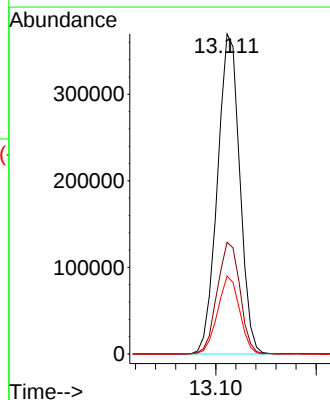
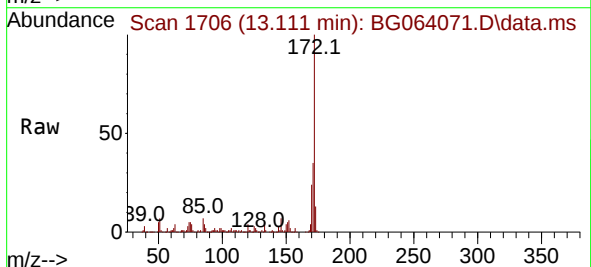
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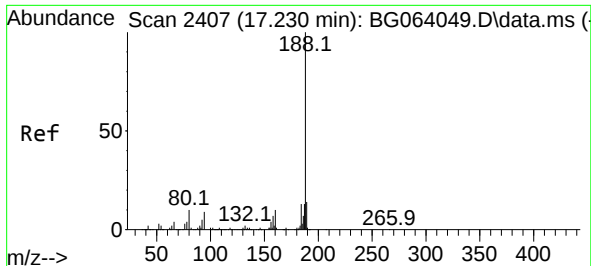
Tgt Ion:330 Resp: 166910
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 39.6 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 92.201 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

Tgt Ion:172 Resp: 570343
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 24.4 18.7 28.1

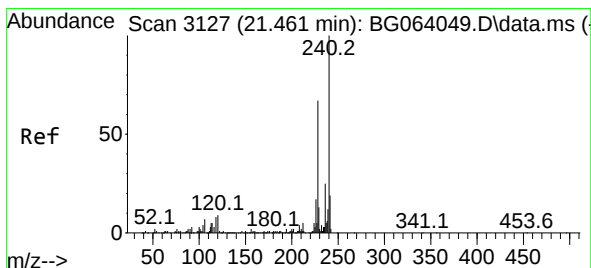
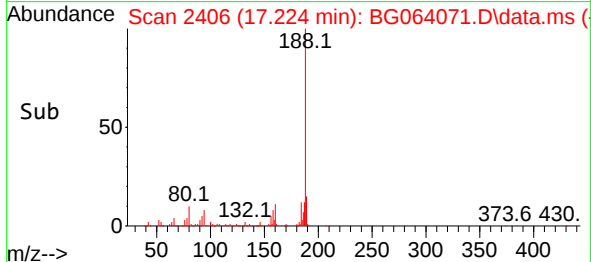
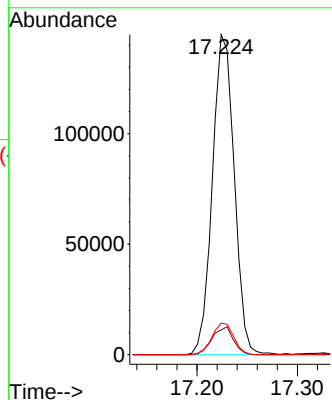
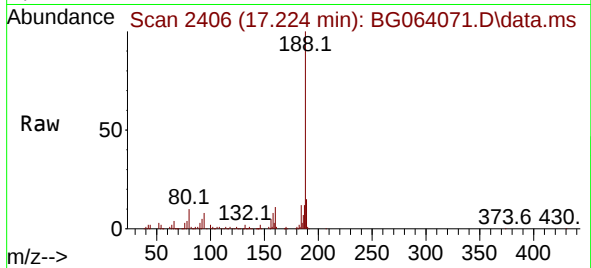




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

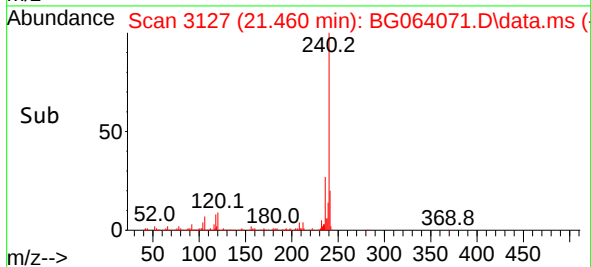
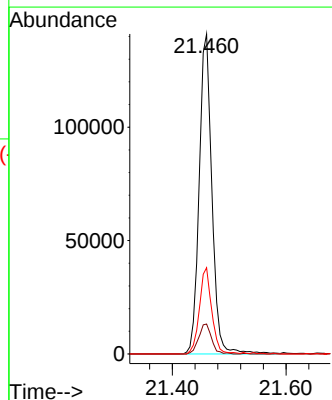
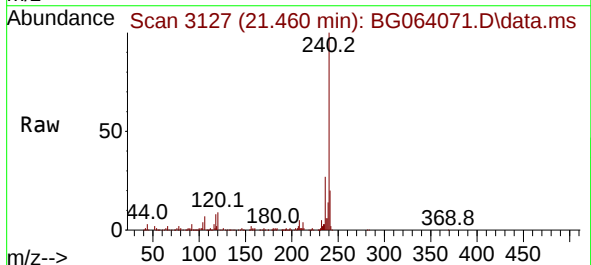
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BNA_G
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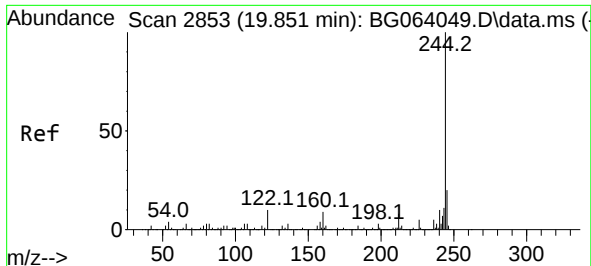
Tgt Ion:188 Resp: 218590
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG064071.D
Acq: 7 Mar 2025 23:05

Tgt Ion:240 Resp: 220195
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 26.9 20.2 30.2



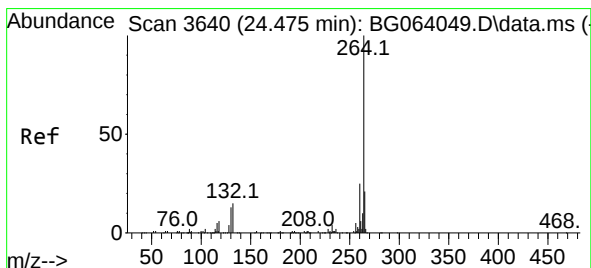
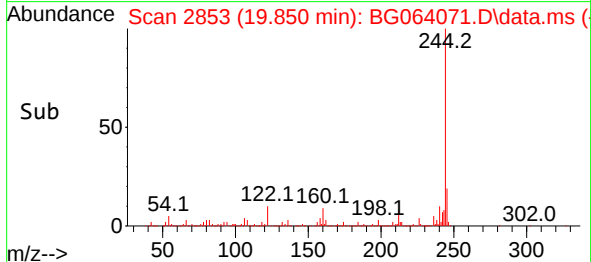
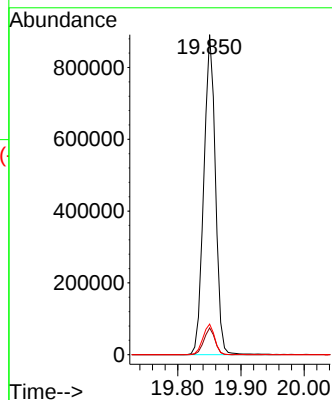
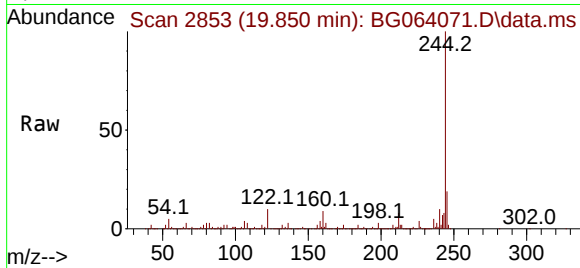


#79
 Terphenyl-d14
 Concen: 104.608 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG064071.D
 Acq: 7 Mar 2025 23:05

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Tgt Ion:244 Resp: 1139175

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	9.6	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3640
 Delta R.T. -0.000 min
 Lab File: BG064071.D
 Acq: 7 Mar 2025 23:05

Tgt Ion:264 Resp: 228301

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	23.3	16.6	25.0

