

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055905.D
 Acq On : 6 Dec 2022 16:00
 Operator : CG/JU
 Sample : N5863-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE

Quant Time: Dec 07 05:10:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

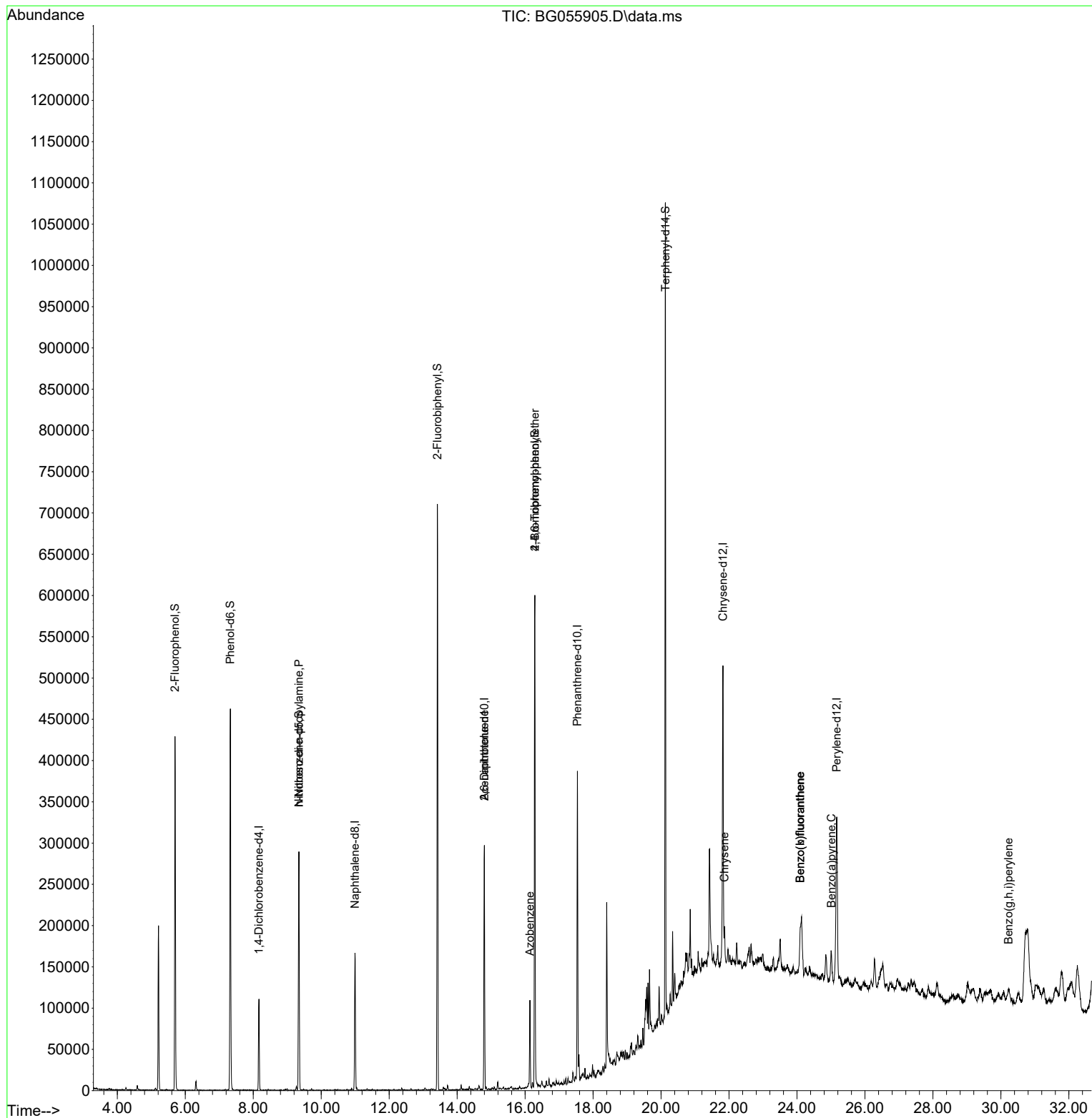
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	30164	20.000	ng	0.00
21) Naphthalene-d8	10.991	136	139991	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	105849	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	238416	20.000	ng	0.00
76) Chrysene-d12	21.819	240	216795	20.000	ng	0.00
86) Perylene-d12	25.168	264	230432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	178556	106.996	ng	0.00
7) Phenol-d6	7.325	99	246950	111.166	ng	0.00
23) Nitrobenzene-d5	9.340	82	164371	62.060	ng	0.00
42) 2,4,6-Tribromophenol	16.285	330	127171	85.322	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	369809	52.341	ng	0.00
79) Terphenyl-d14	20.127	244	509524	47.008	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.340	70	22408	13.128	ng	# 85
51) 2,6-Dinitrotoluene	14.798	165	13878	8.044	ng	# 26
63) Azobenzene	16.138	77	30370	4.078	ng	# 1
67) 4-Bromophenyl-phenylether	16.285	248	8213	3.023	ng	# 1
83) Chrysene	21.866	228	37356	2.628	ng	# 96
88) Benzo(b)fluoranthene	24.093	252	69233	4.613	ng	# 95
89) Benzo(k)fluoranthene	24.093	252	69233	4.628	ng	# 95
90) Benzo(a)pyrene	25.010	252	37568	2.917	ng	# 93
92) Benzo(g,h,i)perylene	30.227	276	35065	2.255	ng	# 93

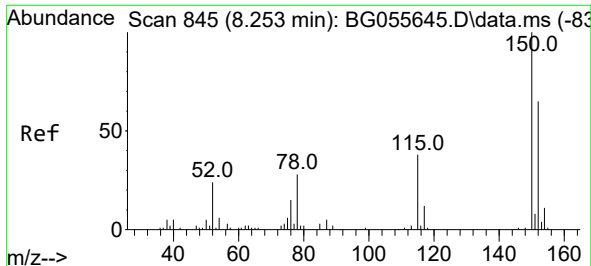
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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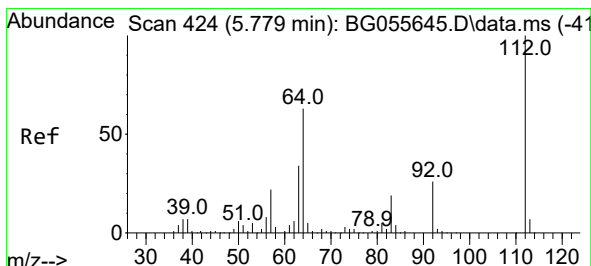
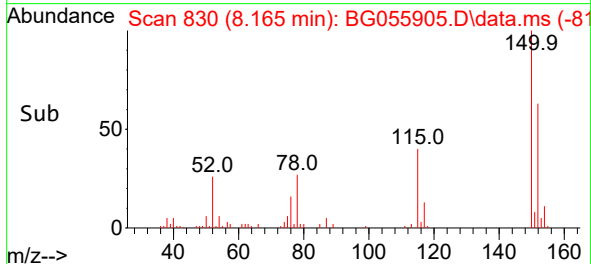
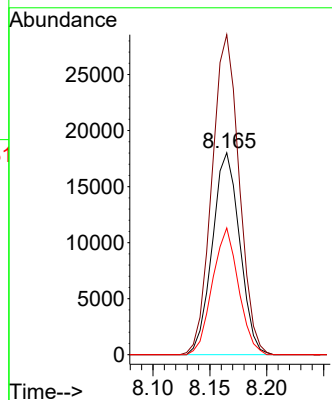
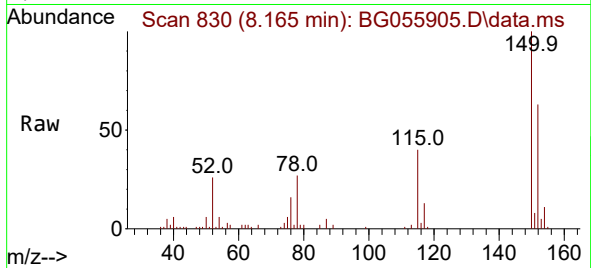




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

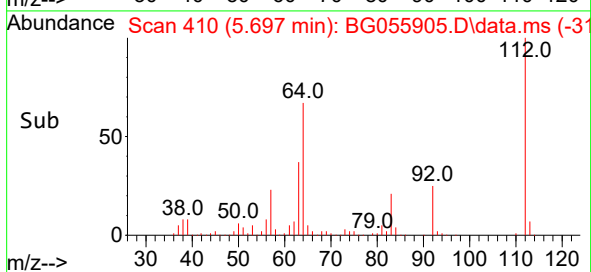
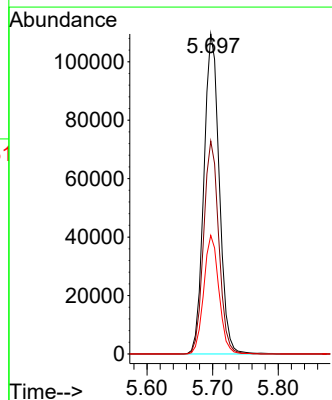
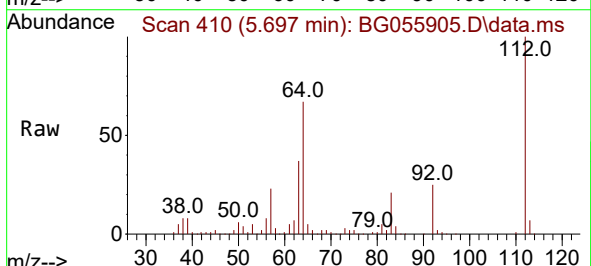
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

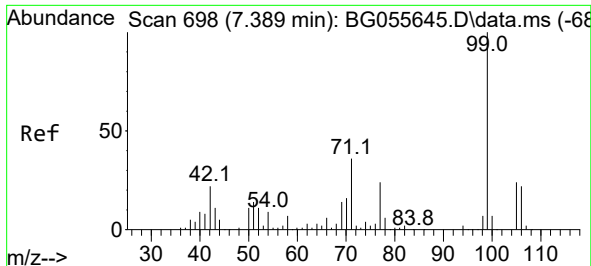
Tgt Ion:152 Resp: 30164
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.6
115 62.7 47.0 70.4



#5
2-Fluorophenol
Concen: 106.996 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:112 Resp: 178556
Ion Ratio Lower Upper
112 100
64 66.6 50.6 76.0
63 37.0 27.5 41.3

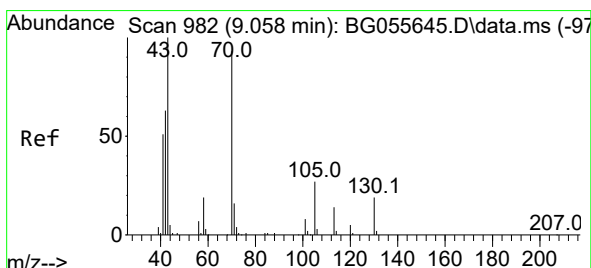
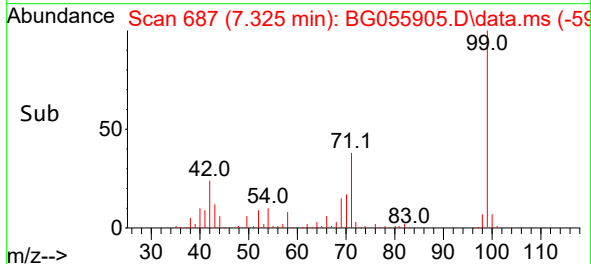
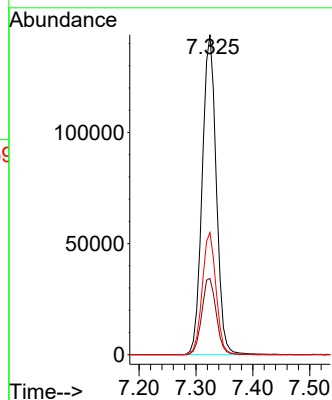
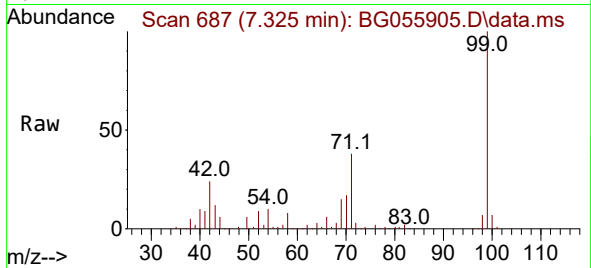




#7
Phenol-d6
Concen: 111.166 ng
RT: 7.325 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

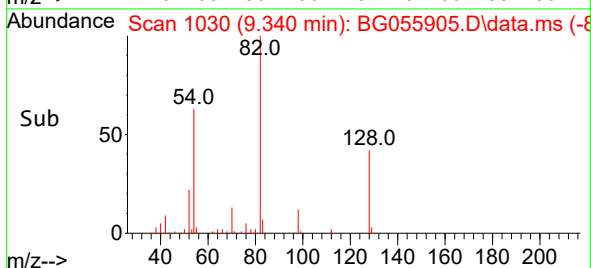
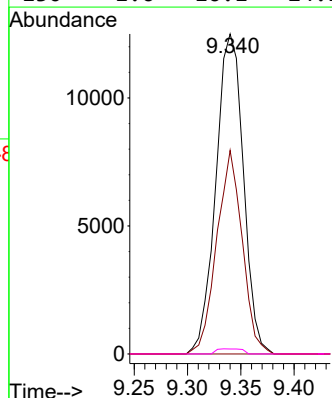
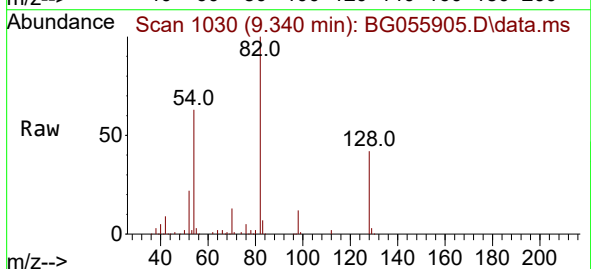
Instrument :
BNA_G
ClientSampleId :
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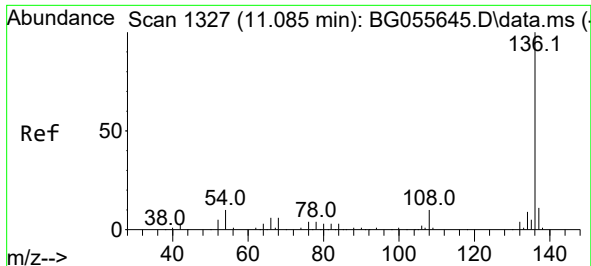
Tgt Ion: 99 Resp: 246950
Ion Ratio Lower Upper
99 100
42 23.8 18.0 27.0
71 38.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.128 ng
RT: 9.340 min Scan# 1030
Delta R.T. 0.367 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion: 70 Resp: 22408
Ion Ratio Lower Upper
70 100
42 63.6 55.2 82.8
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

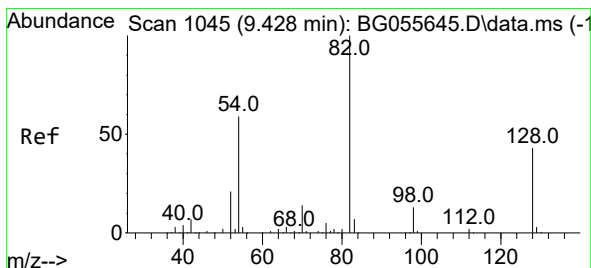
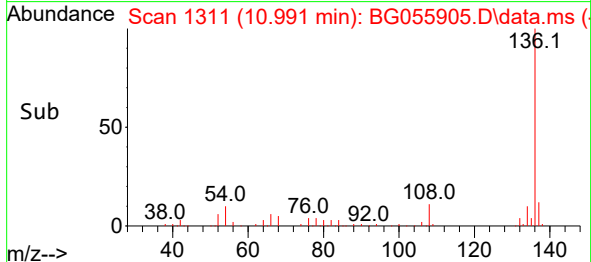
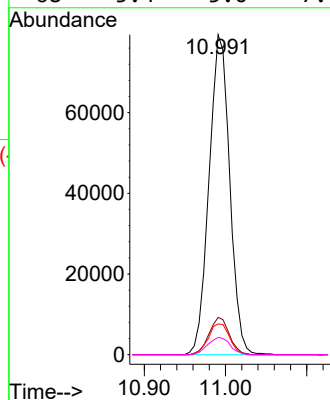
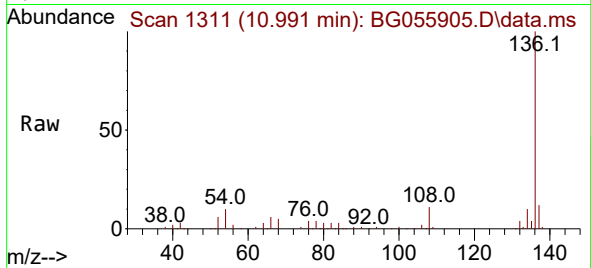




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.991 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

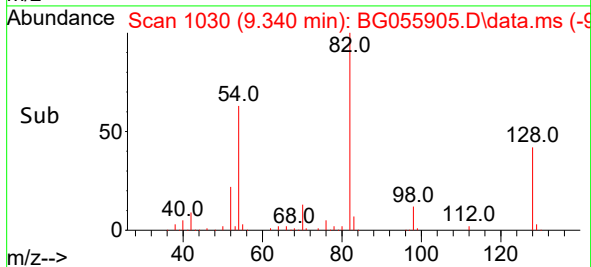
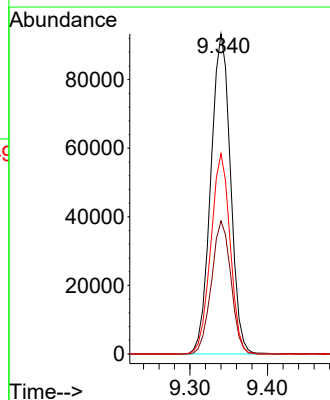
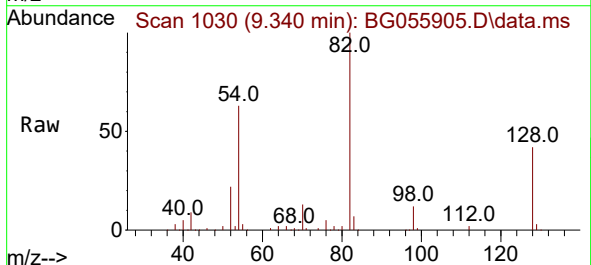
Instrument :
BNA_G
ClientSampleId :
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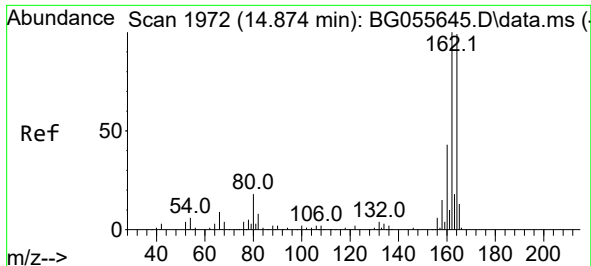
Tgt Ion:	136	Resp:	139991
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.6	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.060 ng
RT: 9.340 min Scan# 1030
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:	82	Resp:	164371
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.1	51.1
54	62.6	47.3	70.9

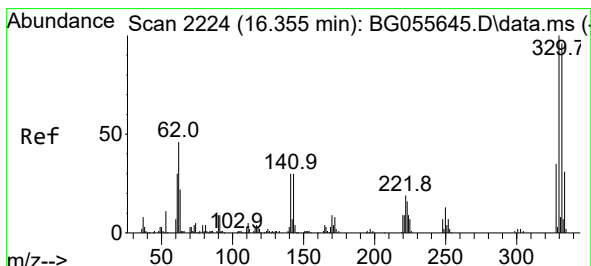
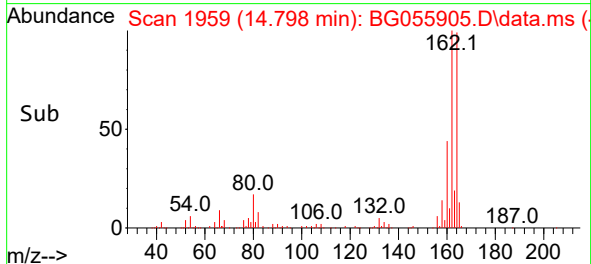
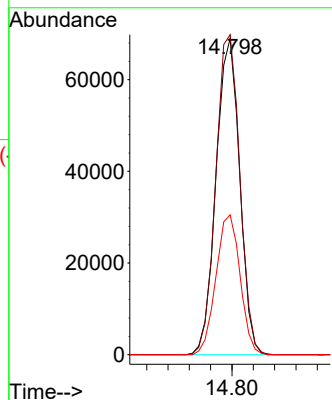
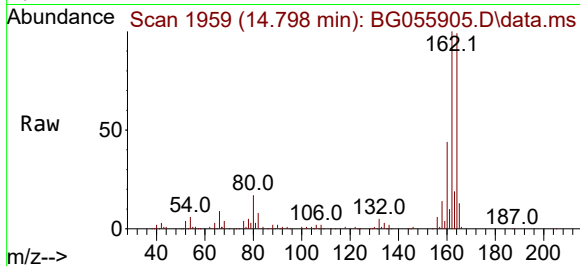




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1959
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

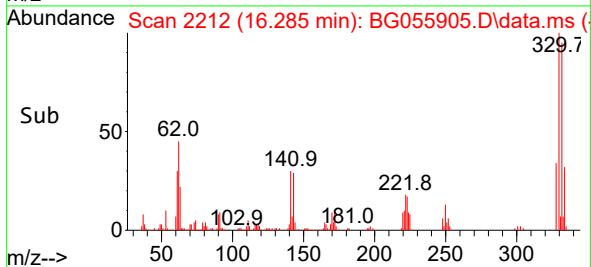
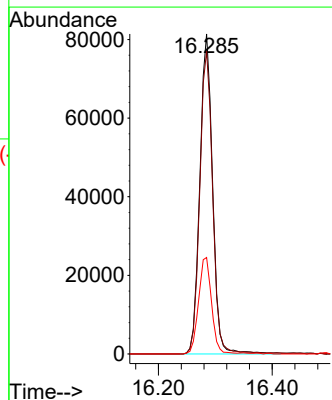
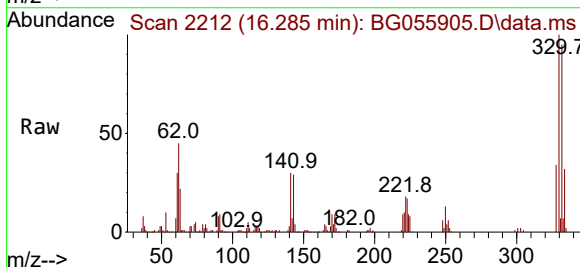
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

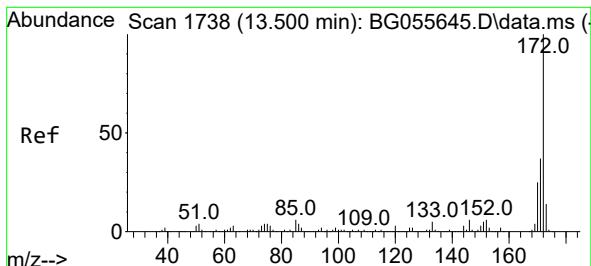
Tgt Ion:164 Resp: 105849
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 85.322 ng
RT: 16.285 min Scan# 2212
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:330 Resp: 127171
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 30.7 23.9 35.9

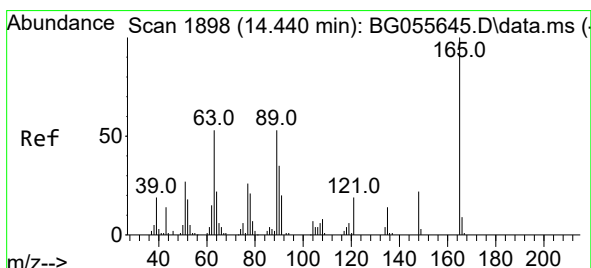
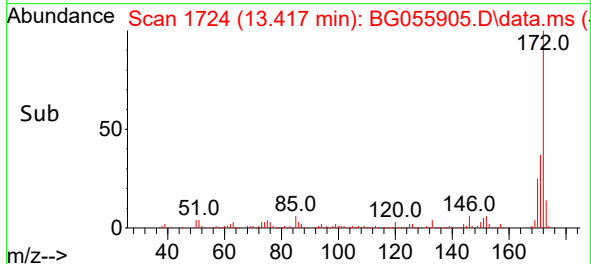
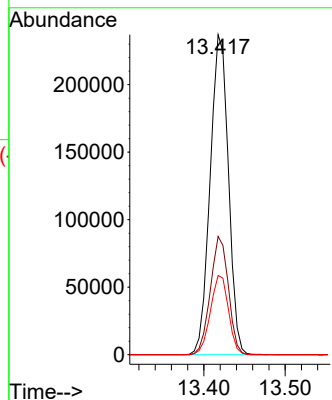
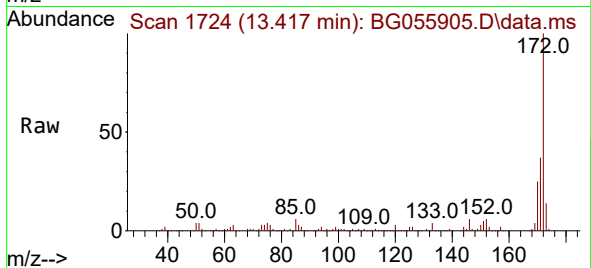




#45
2-Fluorobiphenyl
Concen: 52.341 ng
RT: 13.417 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

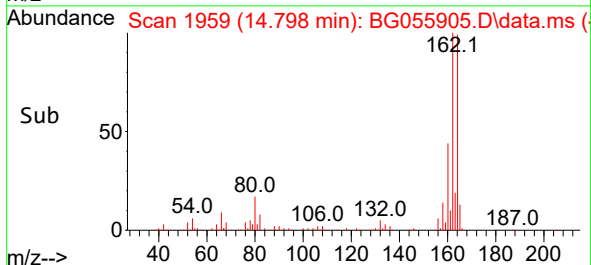
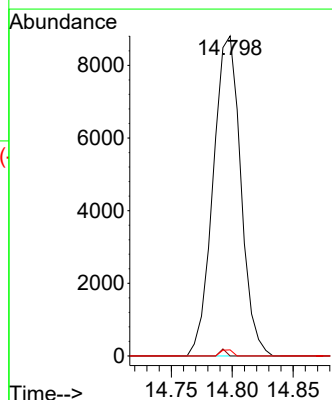
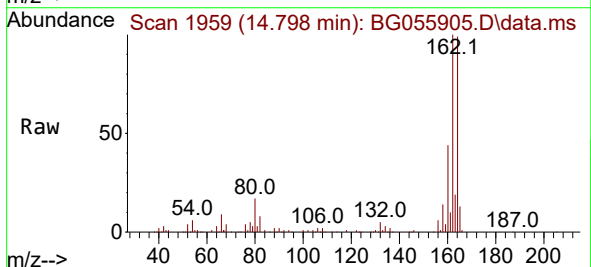
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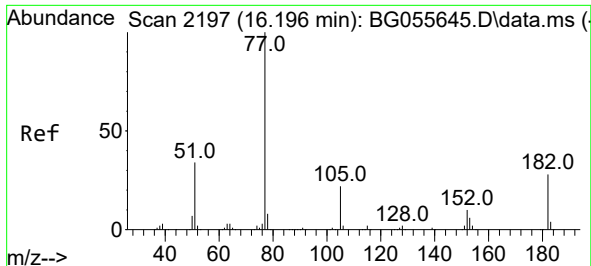
Tgt Ion:172 Resp: 369809
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.426 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:165 Resp: 13878
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.9 42.2 63.4#

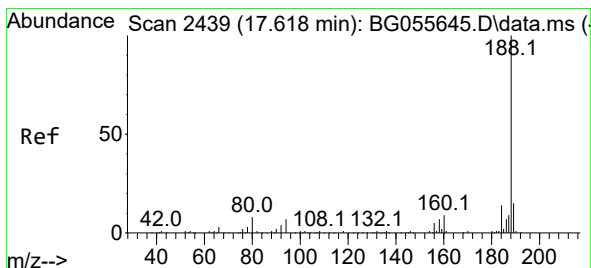
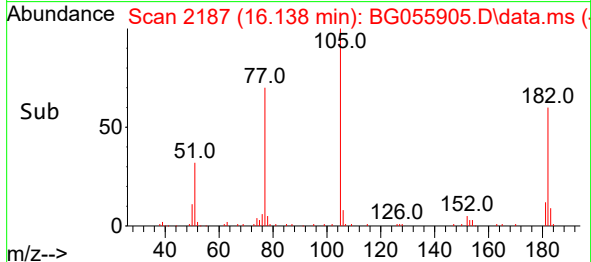
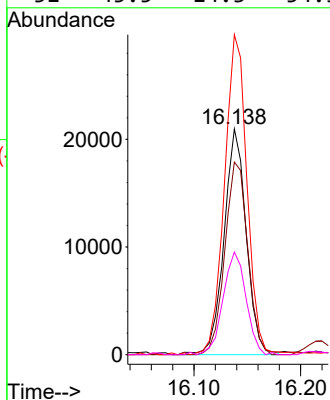
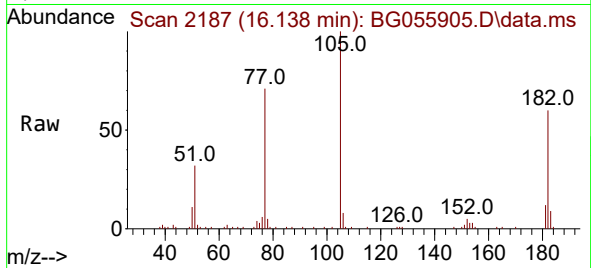




#63
 Azobenzene
 Concen: 4.078 ng
 RT: 16.138 min Scan# 2197
 Delta R.T. 0.020 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

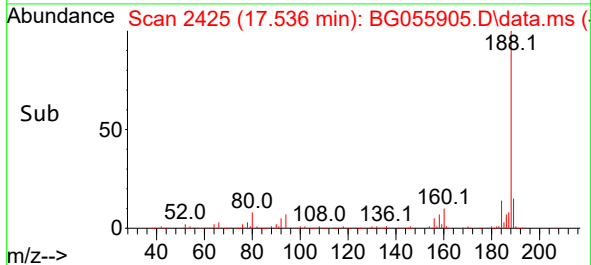
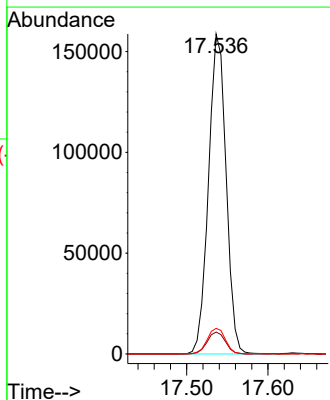
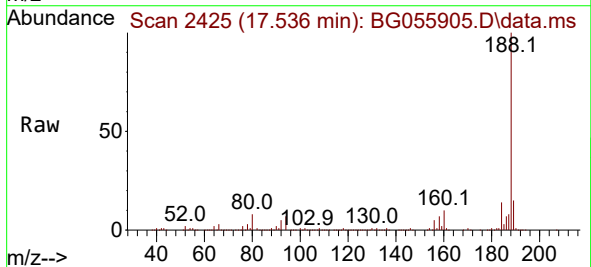
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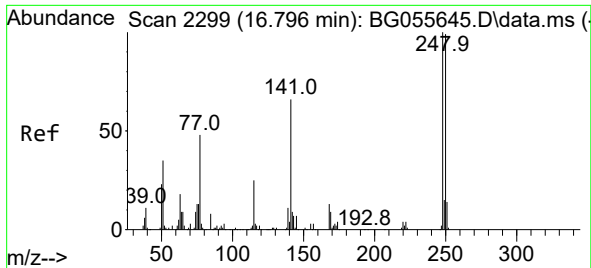
Tgt Ion: 77 Resp: 30370
 Ion Ratio Lower Upper
 77 100
 182 85.4 8.1 48.1#
 105 141.7 1.8 41.8#
 51 45.5 14.3 54.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.536 min Scan# 2425
 Delta R.T. -0.009 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

Tgt Ion:188 Resp: 238416
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.4 8.2
 80 8.0 6.6 10.0

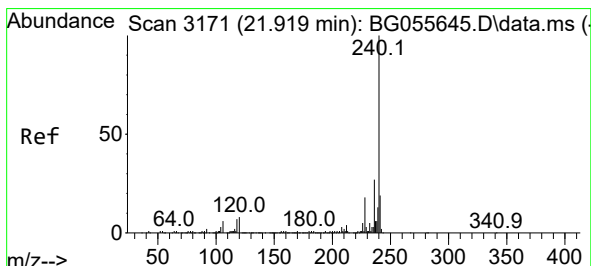
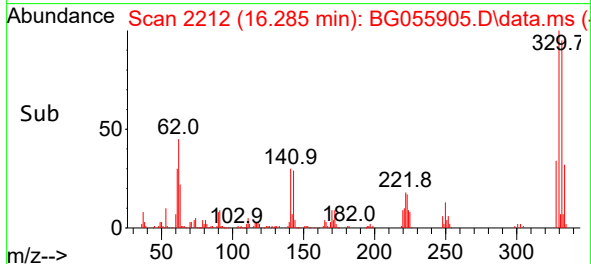
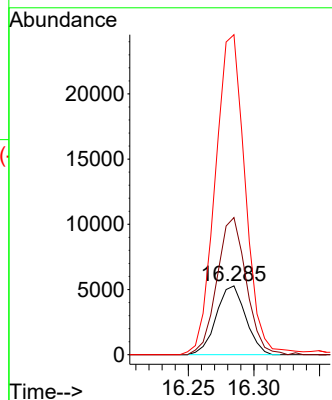
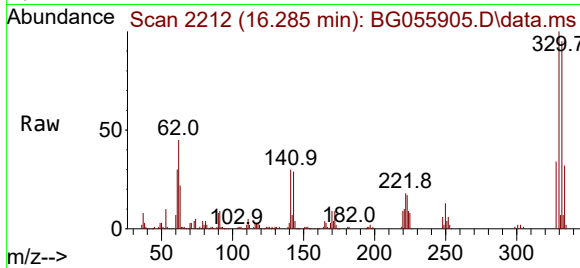




#67
4-Bromophenyl-phenylether
Concen: 3.023 ng
RT: 16.285 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

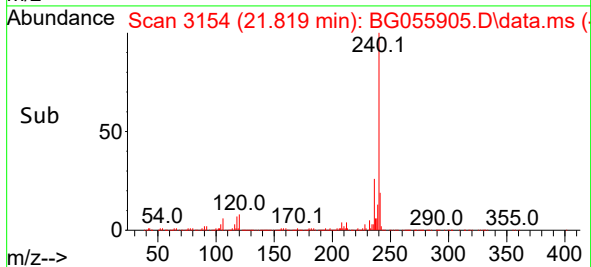
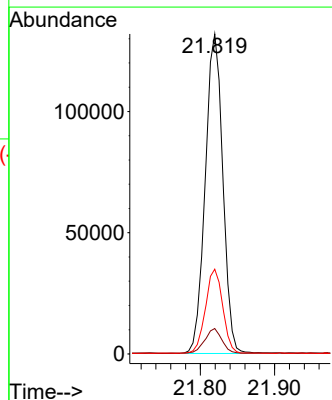
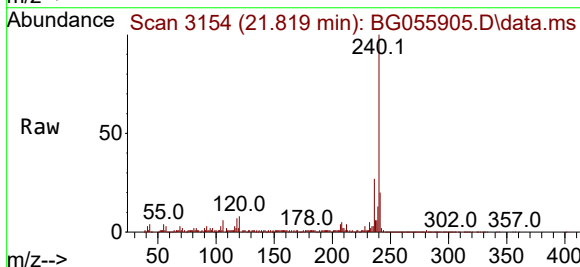
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

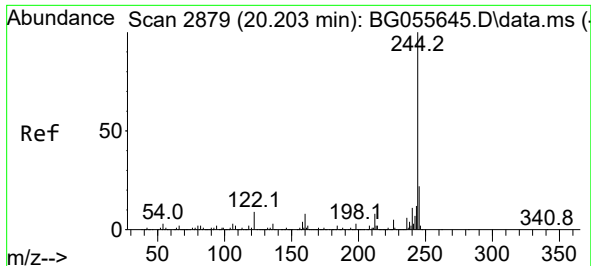
Tgt Ion:248 Resp: 8213
Ion Ratio Lower Upper
248 100
250 199.4 79.0 118.4#
141 465.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.009 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:240 Resp: 216795
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.5 21.9 32.9

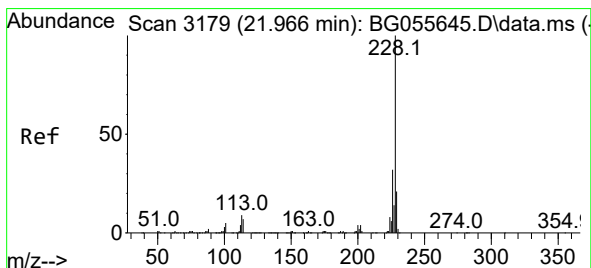
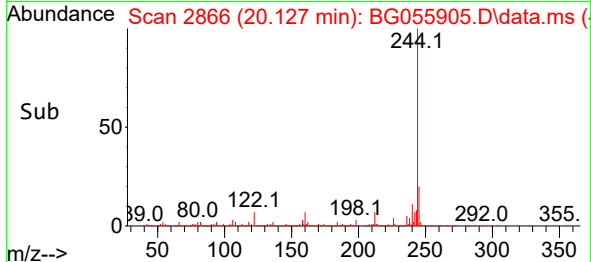
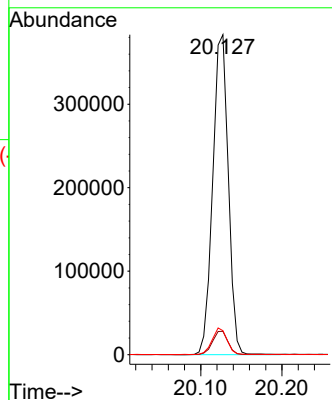
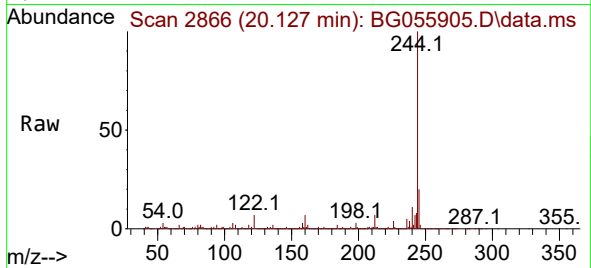




#79
 Terphenyl-d14
 Concen: 47.008 ng
 RT: 20.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

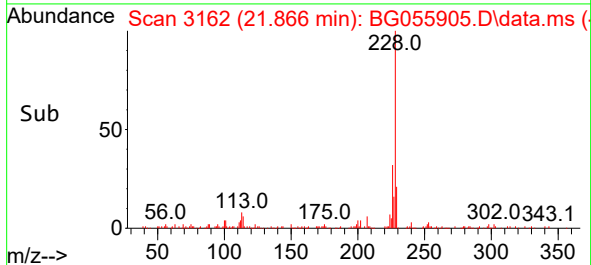
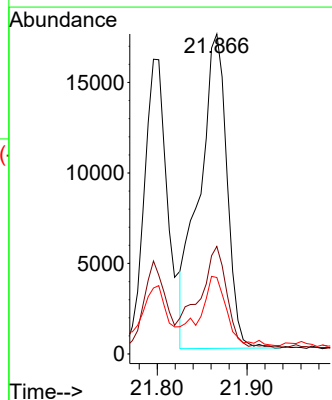
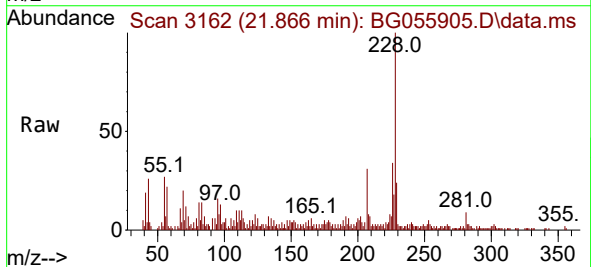
Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE

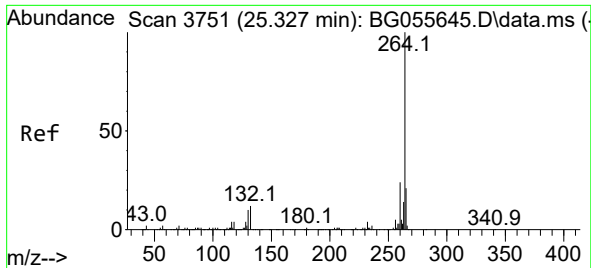
Tgt Ion:244 Resp: 509524
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 7.5 6.9 10.3



#83
 Chrysene
 Concen: 2.628 ng
 RT: 21.866 min Scan# 3162
 Delta R.T. -0.009 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

Tgt Ion:228 Resp: 37356
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.4 38.2
 229 23.9 17.1 25.7

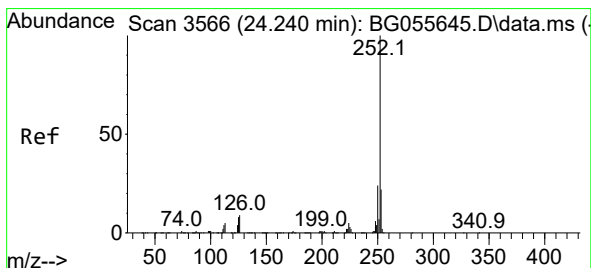
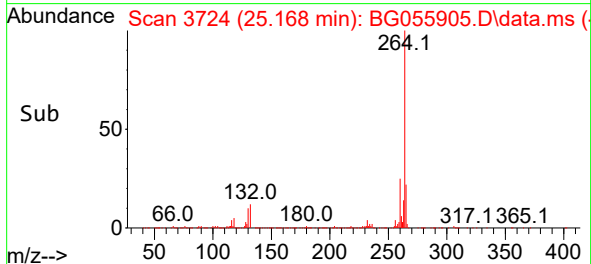
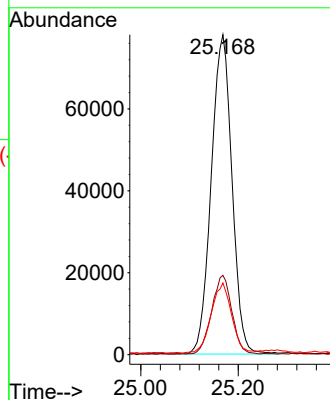
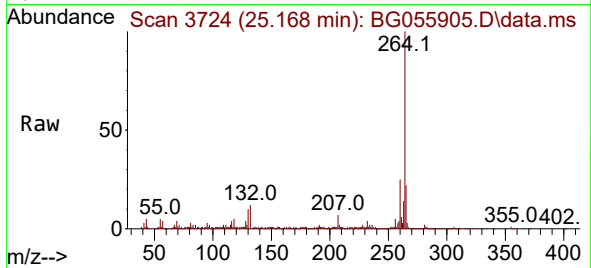




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.168 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

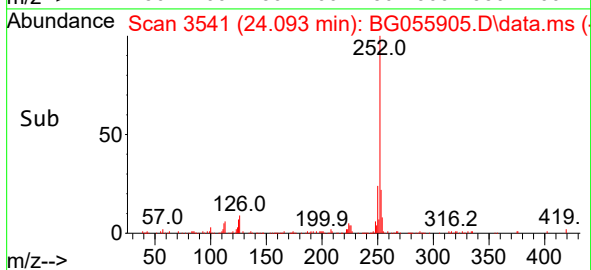
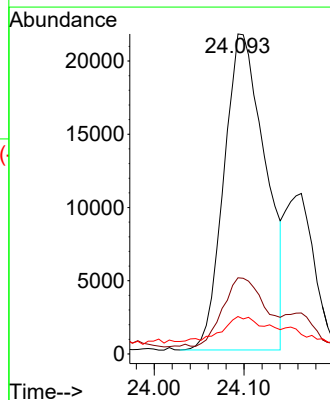
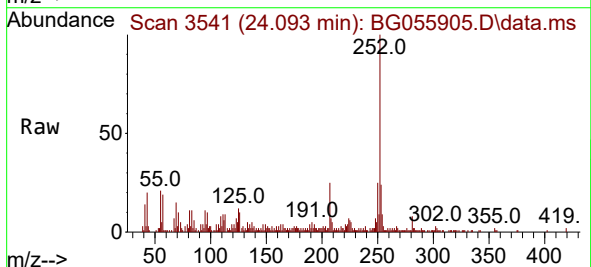
Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE

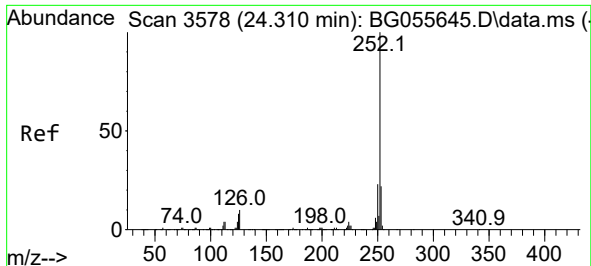
Tgt Ion:264 Resp: 230432
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.4 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 4.613 ng
 RT: 24.093 min Scan# 3541
 Delta R.T. -0.015 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

Tgt Ion:252 Resp: 69233
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.0 27.0
 125 11.7 6.2 9.2#

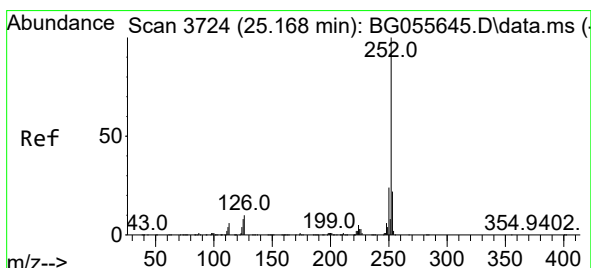
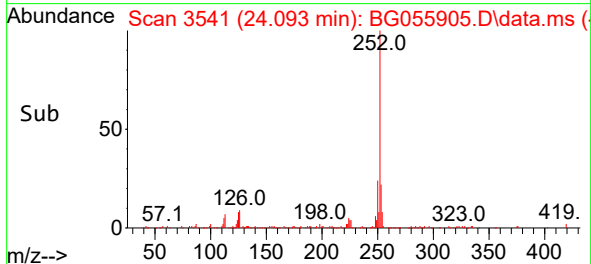
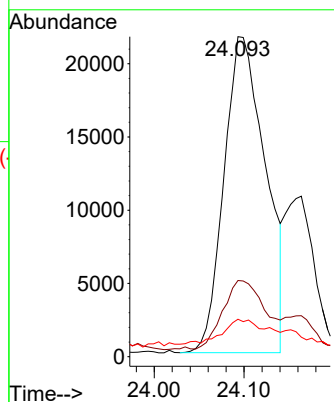
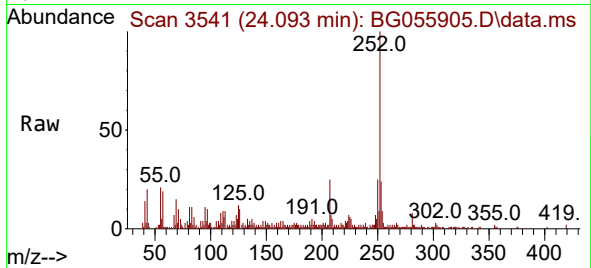




#89
Benzo(k)fluoranthene
Concen: 4.628 ng
RT: 24.093 min Scan# 31
Delta R.T. -0.085 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

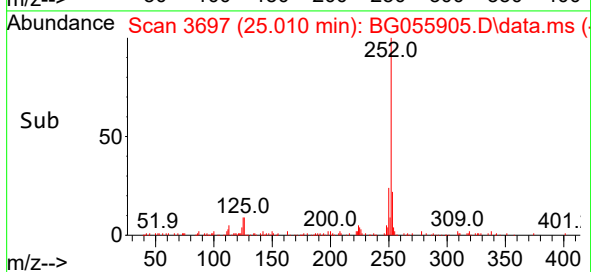
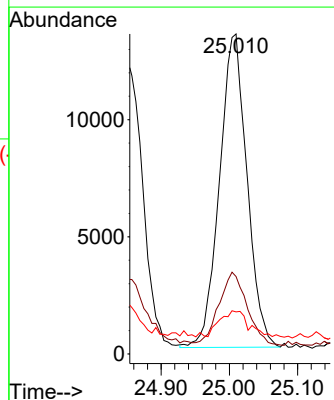
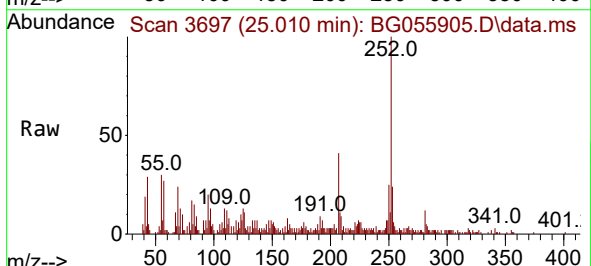
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

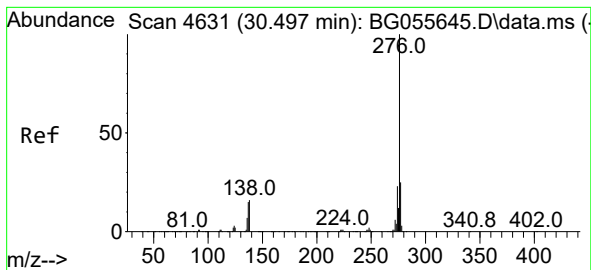
Tgt Ion:252 Resp: 69233
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 11.7 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 2.917 ng
RT: 25.010 min Scan# 3697
Delta R.T. -0.009 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

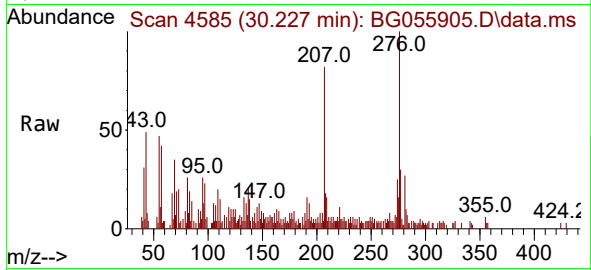
Tgt Ion:252 Resp: 37568
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 13.1 6.4 9.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.255 ng
 RT: 30.227 min Scan# 4
 Delta R.T. -0.027 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE



Tgt Ion:276 Resp: 35065
 Ion Ratio Lower Upper
 276 100
 277 29.7 19.8 29.6#
 138 15.5 13.1 19.7

