

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055886.D
 Acq On : 5 Dec 2022 15:45
 Operator : CG/JU
 Sample : N5870-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-4

Quant Time: Dec 06 04:46:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:41:17 2022
 Response via : Initial Calibration

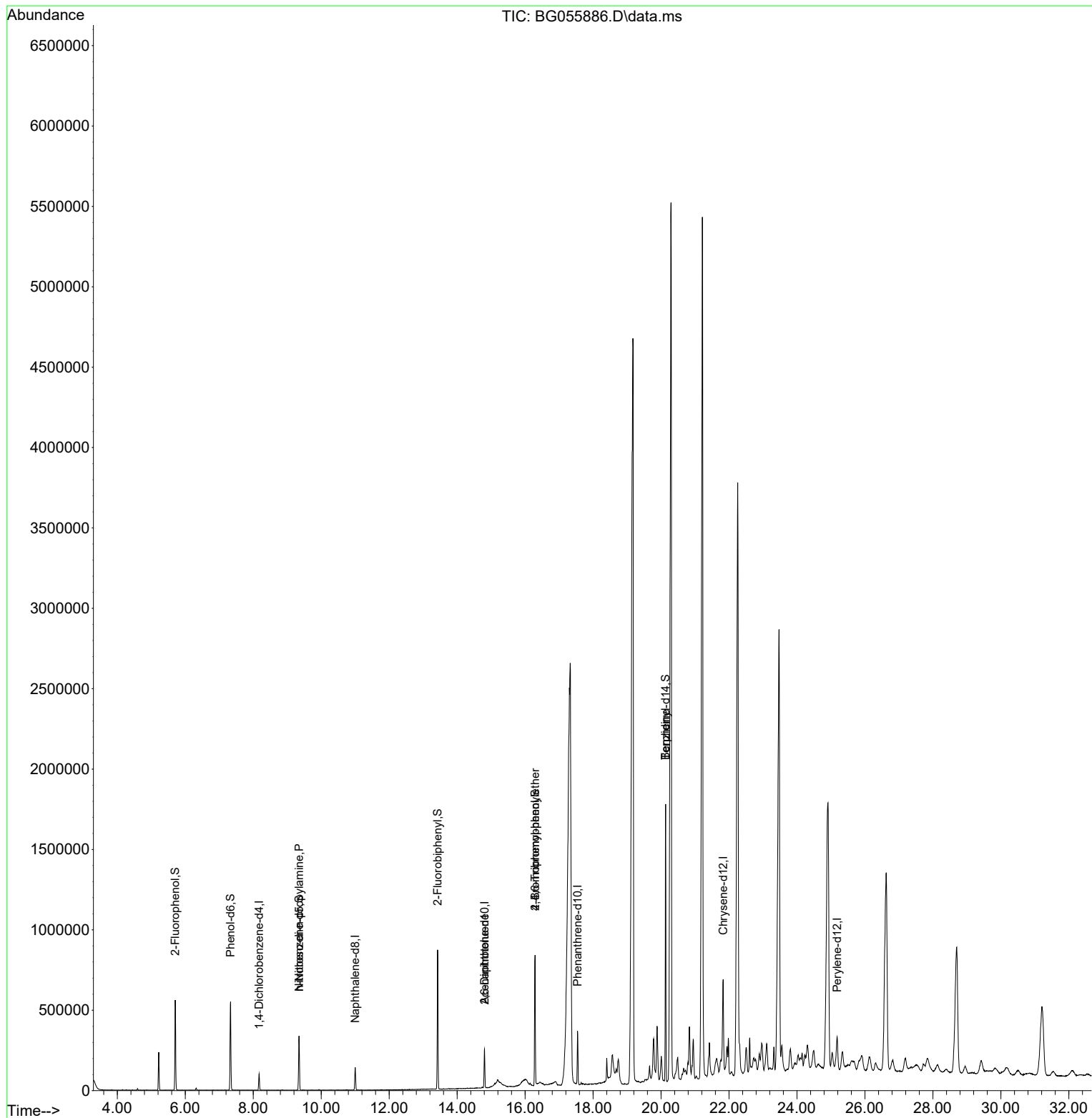
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.173	152	27580	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	113704	20.000	ng	0.00
39) Acenaphthene-d10	14.806	164	85252	20.000	ng	0.00
64) Phenanthrene-d10	17.544	188	211871	20.000	ng	0.00
76) Chrysene-d12	21.827	240	209521	20.000	ng	0.00
86) Perylene-d12	25.182	264	223357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	229075	150.130	ng	0.00
7) Phenol-d6	7.333	99	297839	146.636	ng	0.00
23) Nitrobenzene-d5	9.348	82	186277	86.590	ng	0.00
42) 2,4,6-Tribromophenol	16.293	330	167210	139.288	ng	0.00
45) 2-Fluorobiphenyl	13.425	172	444954	78.191	ng	0.00
79) Terphenyl-d14	20.135	244	822628	78.530	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.348	70	26059	16.698	ng	# 85
51) 2,6-Dinitrotoluene	14.806	165	11483	8.264	ng	# 27
67) 4-Bromophenyl-phenylether	16.293	248	10833	4.488	ng	# 1
77) Benzidine	20.135	184	13484	2.782	ng	# 90

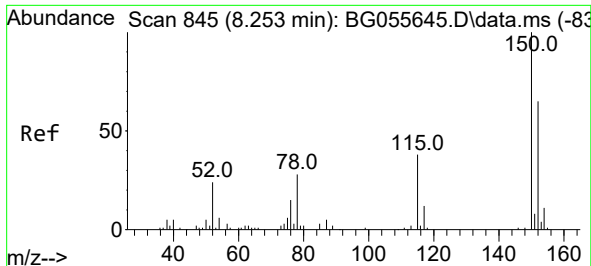
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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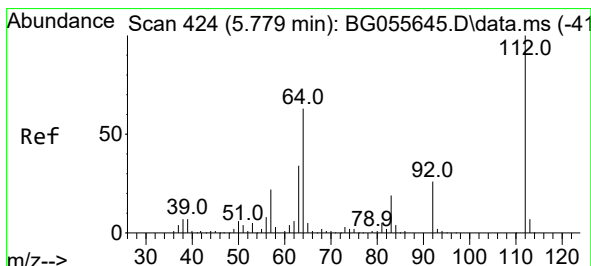
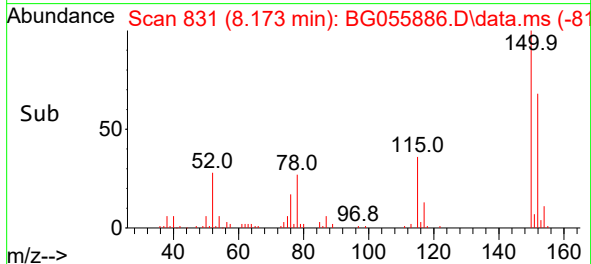
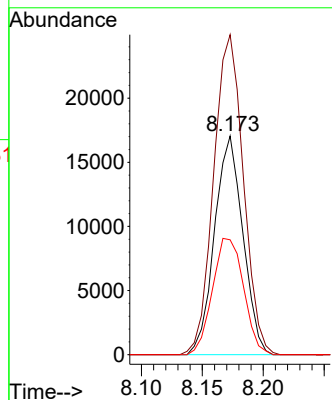
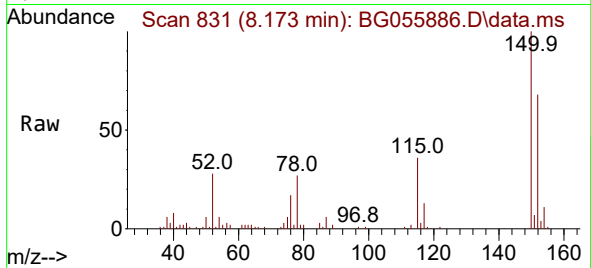




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.173 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

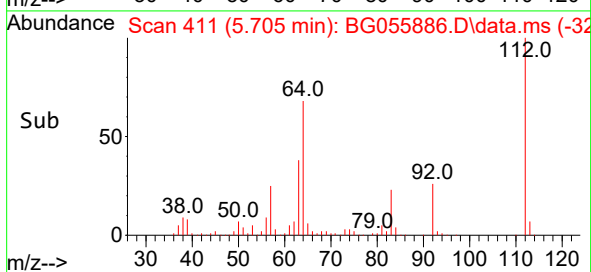
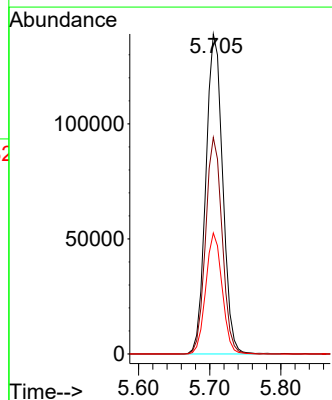
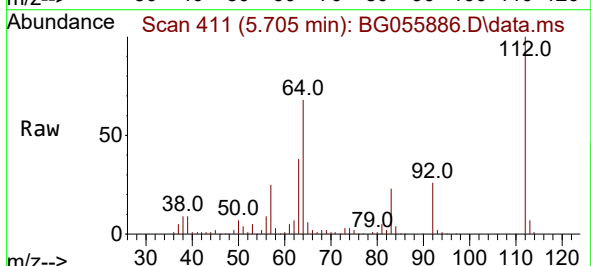
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ClientSampleId :
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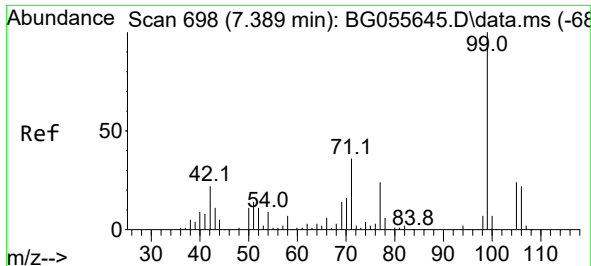
Tgt Ion:152 Resp: 27580
Ion Ratio Lower Upper
152 100
150 146.3 123.0 184.6
115 52.5 47.0 70.4



#5
2-Fluorophenol
Concen: 150.130 ng
RT: 5.705 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:112 Resp: 229075
Ion Ratio Lower Upper
112 100
64 67.7 50.6 76.0
63 37.8 27.5 41.3

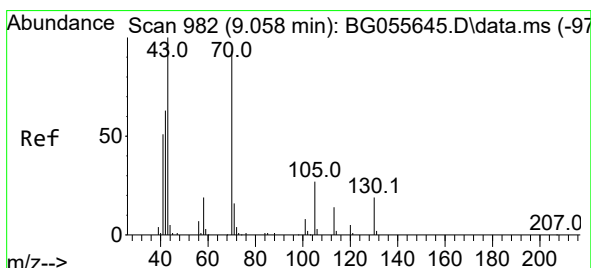
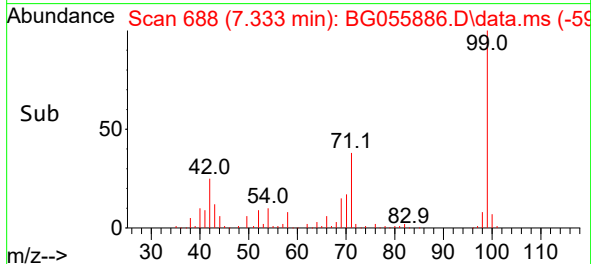
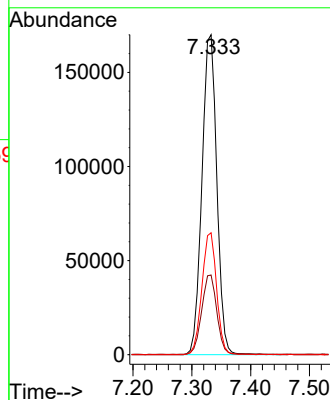
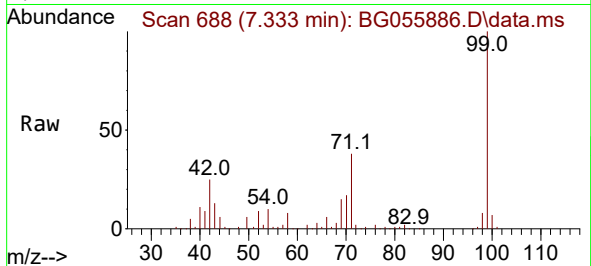




#7
Phenol-d6
Concen: 146.636 ng
RT: 7.333 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

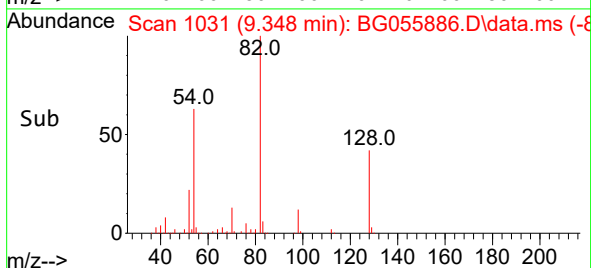
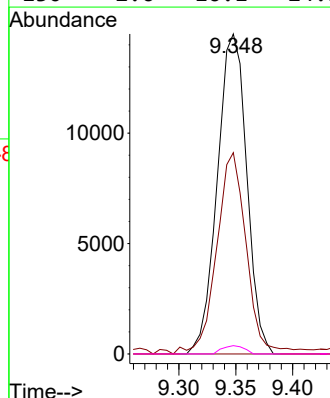
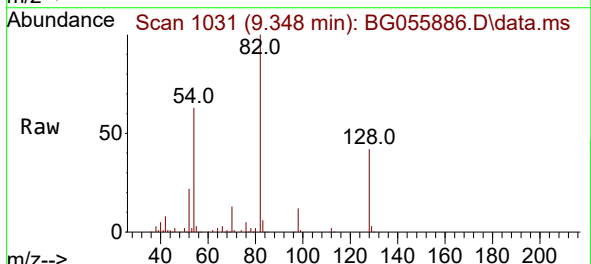
Instrument :
BNA_G
ClientSampleId :
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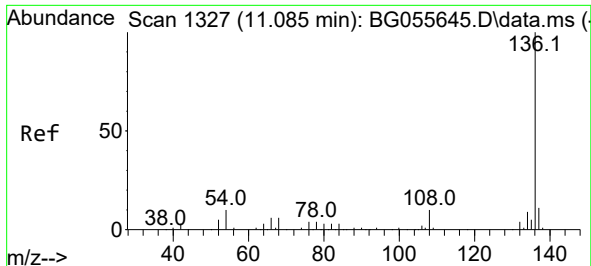
Tgt Ion: 99 Resp: 297839
Ion Ratio Lower Upper
99 100
42 24.9 18.0 27.0
71 38.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.698 ng
RT: 9.348 min Scan# 1031
Delta R.T. 0.367 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion: 70 Resp: 26059
Ion Ratio Lower Upper
70 100
42 62.9 55.2 82.8
101 0.0 7.1 10.7#
130 2.6 16.1 24.1#

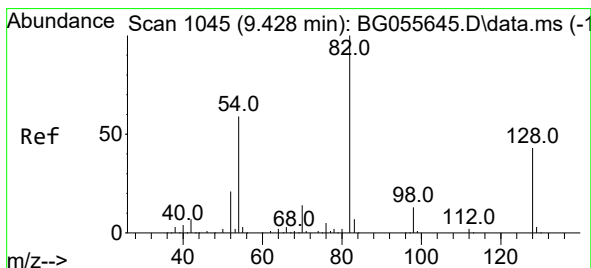
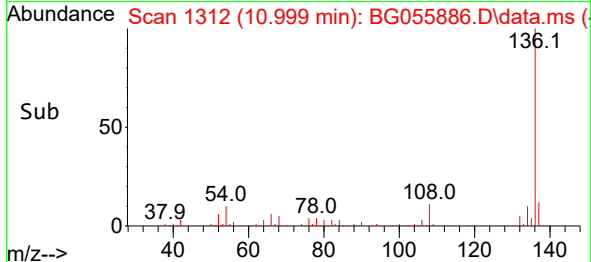
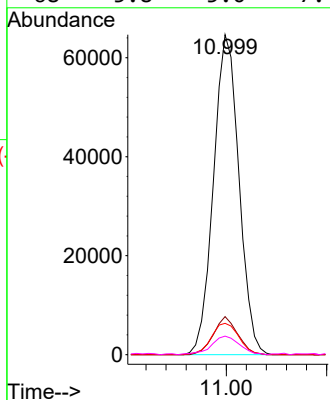
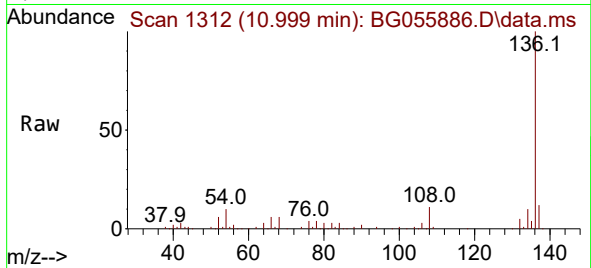




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.999 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

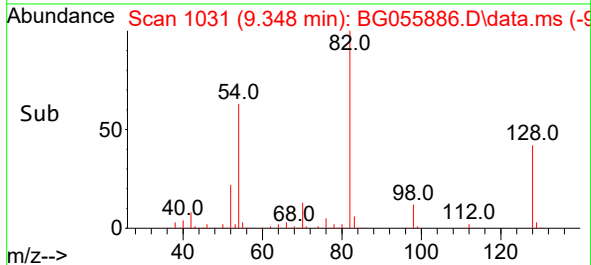
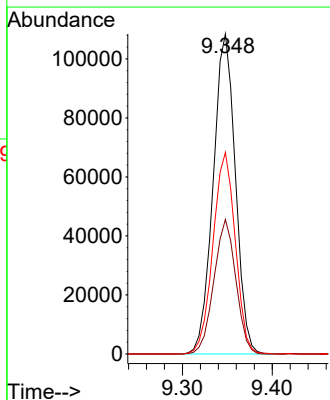
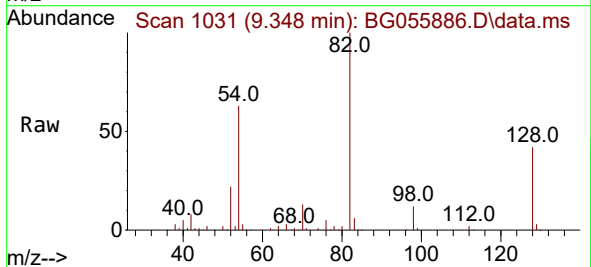
Instrument :
BNA_G
ClientSampleId :
ML-4

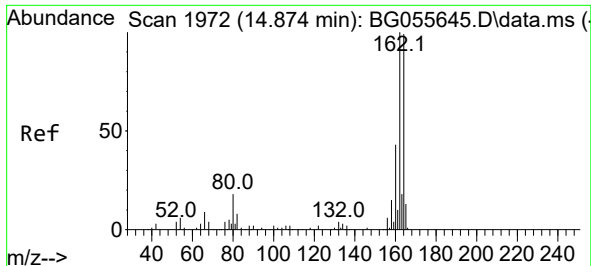
Tgt Ion:	136	Resp:	113704
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	9.8	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.590 ng
RT: 9.348 min Scan# 1031
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:	82	Resp:	186277
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	63.0	47.3	70.9

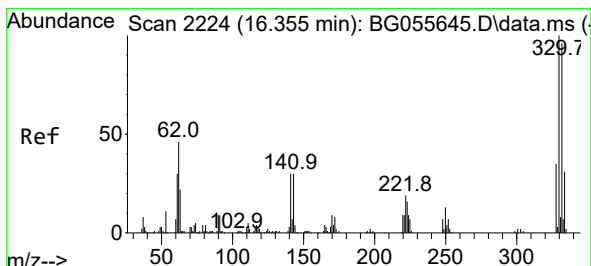
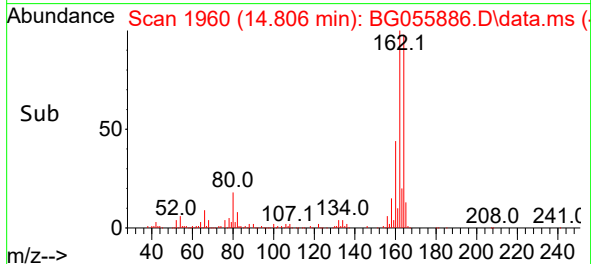
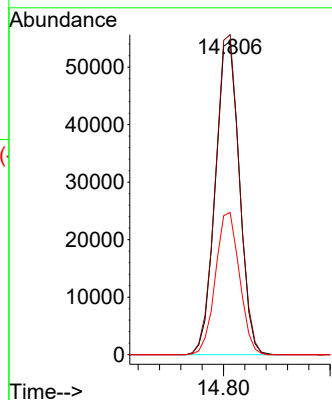
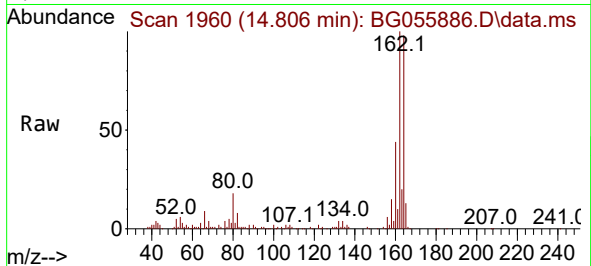




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.806 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

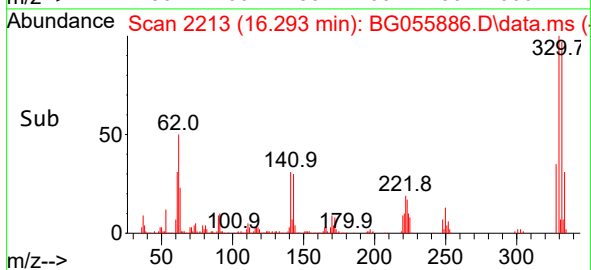
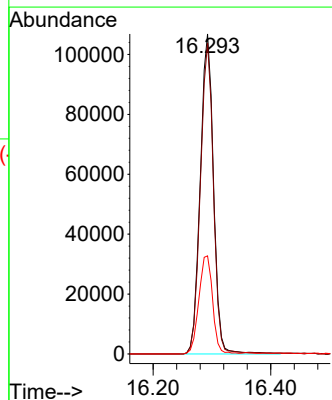
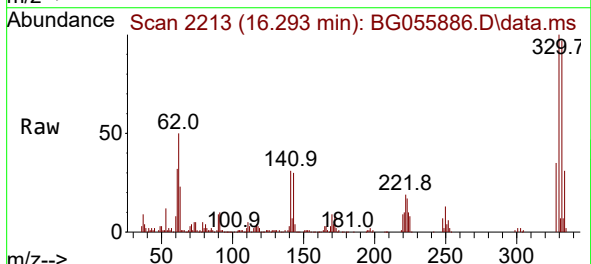
Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion:164 Resp: 85252
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 45.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 139.288 ng
RT: 16.293 min Scan# 2213
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:330 Resp: 167210
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.8
141 31.8 23.9 35.9

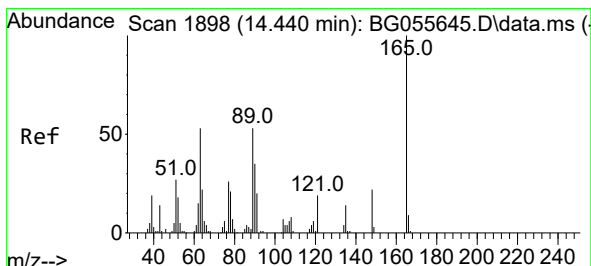
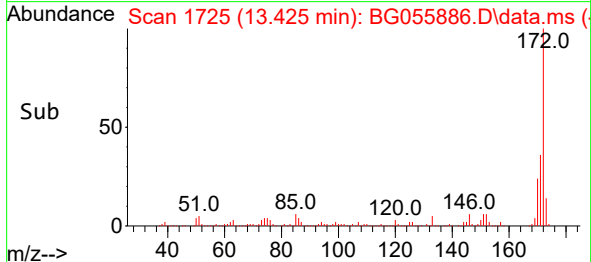
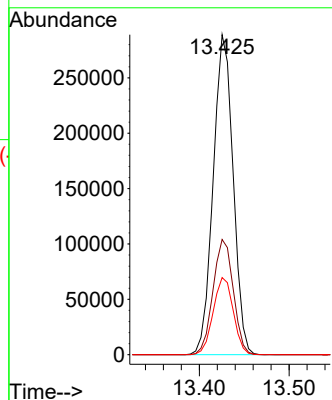
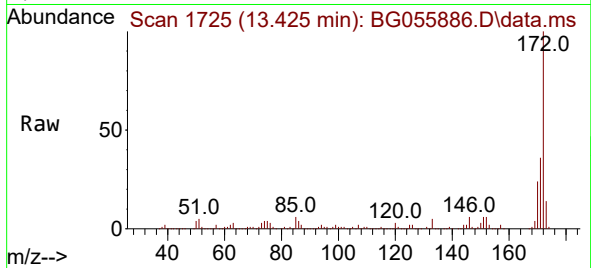




#45
2-Fluorobiphenyl
Concen: 78.191 ng
RT: 13.425 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

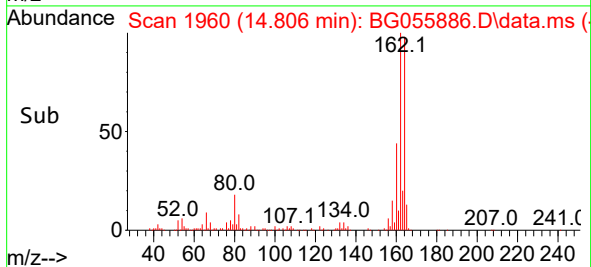
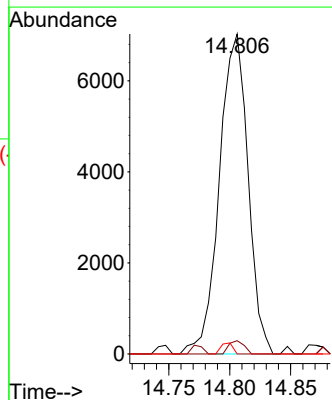
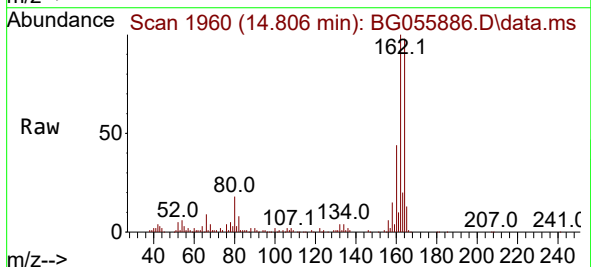
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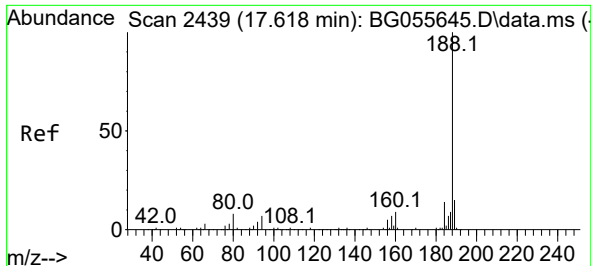
Tgt Ion:172 Resp: 444954
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.264 ng
RT: 14.806 min Scan# 1960
Delta R.T. 0.426 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:165 Resp: 11483
Ion Ratio Lower Upper
165 100
63 4.2 44.6 66.8#
89 0.0 42.2 63.4#

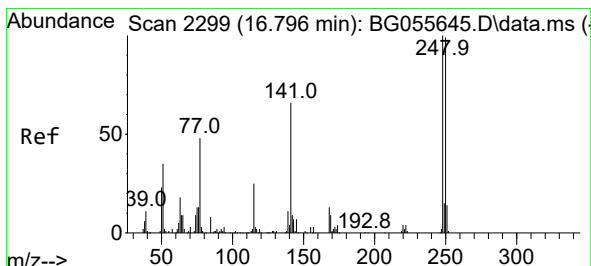
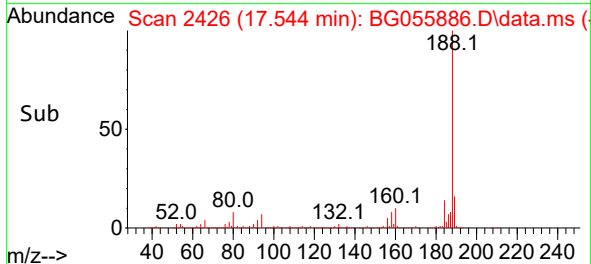
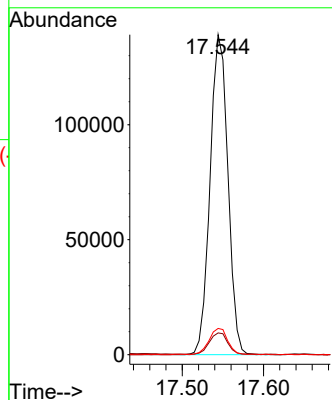
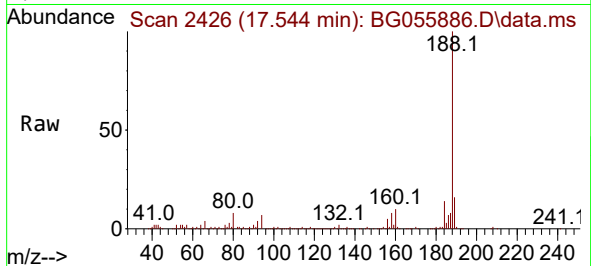




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.544 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

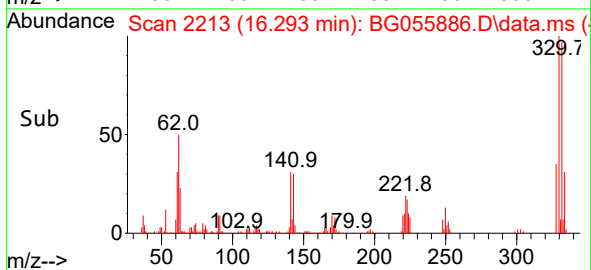
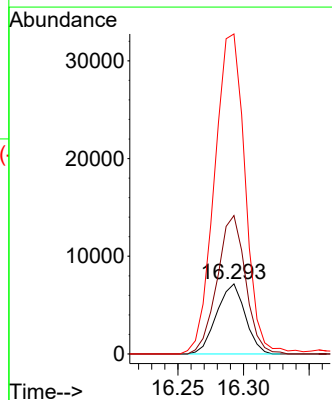
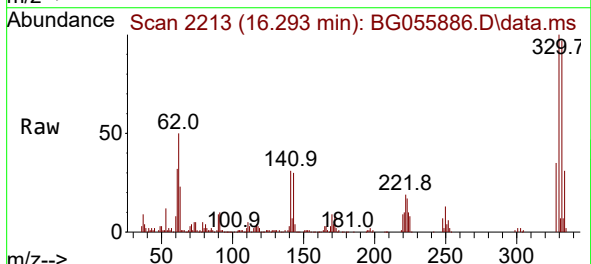
Instrument :
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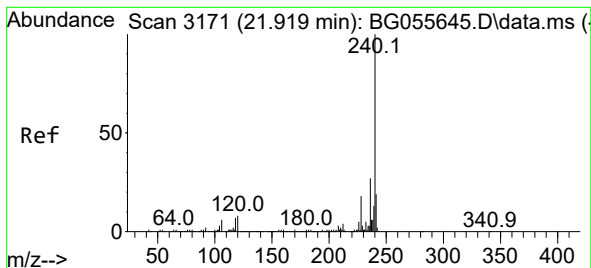
Tgt Ion:188 Resp: 211871
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.488 ng
RT: 16.293 min Scan# 2213
Delta R.T. -0.438 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:248 Resp: 10833
Ion Ratio Lower Upper
248 100
250 197.5 79.0 118.4#
141 456.5 52.9 79.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.827 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055886.D

Acq: 5 Dec 2022 15:45

Instrument :

BNA_G

ClientSampleId :

ML-4

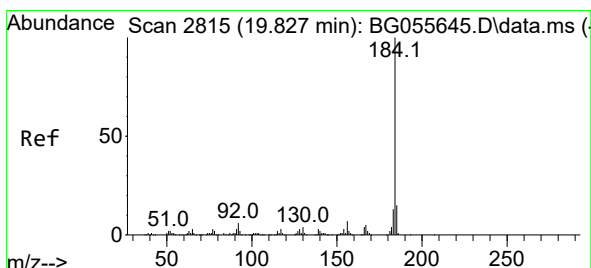
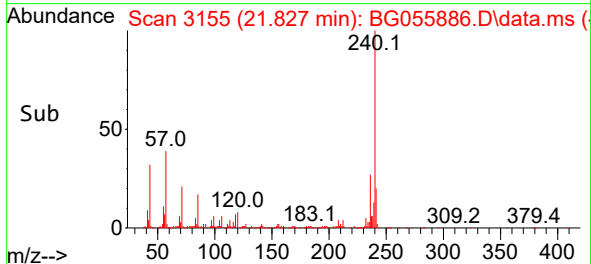
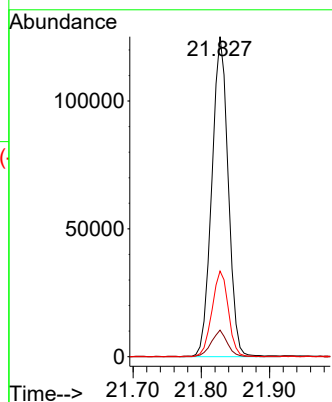
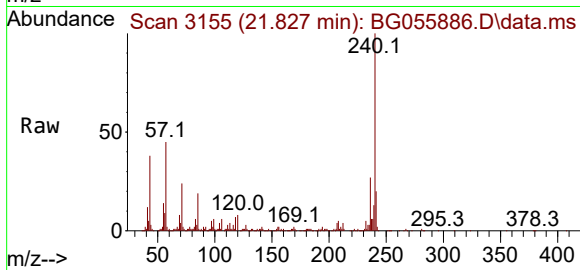
Tgt Ion:240 Resp: 209521

Ion Ratio Lower Upper

240 100

120 8.3 6.3 9.5

236 26.7 21.9 32.9



#77

Benzidine

Concen: 2.782 ng

RT: 20.135 min Scan# 2867

Delta R.T. 0.373 min

Lab File: BG055886.D

Acq: 5 Dec 2022 15:45

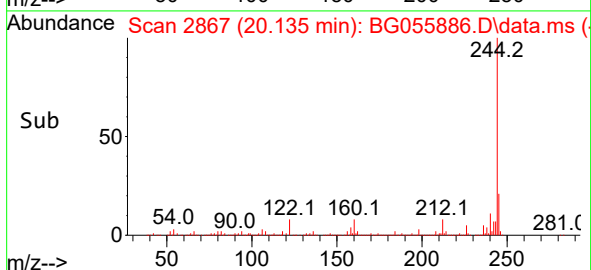
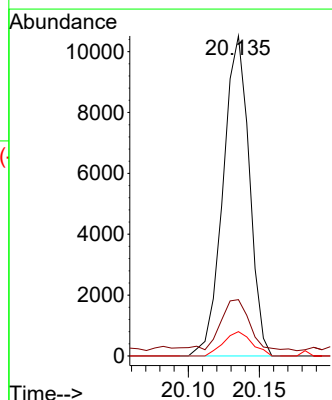
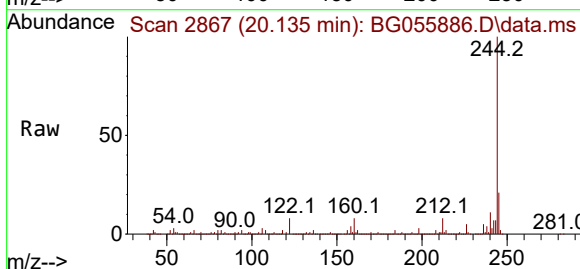
Tgt Ion:184 Resp: 13484

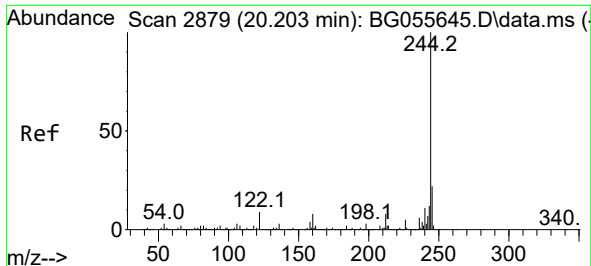
Ion Ratio Lower Upper

184 100

185 17.6 11.8 17.8

183 7.6 10.6 15.8#

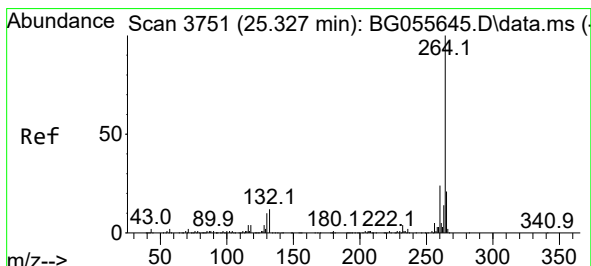
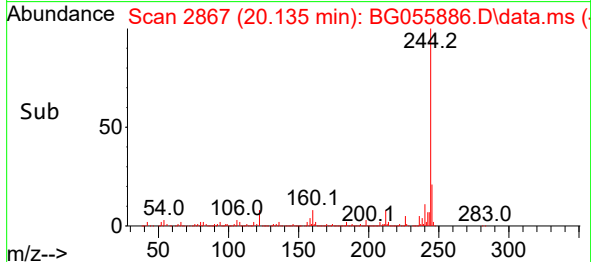
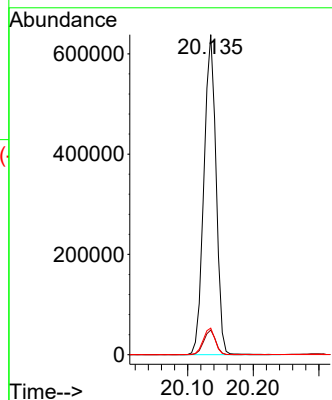
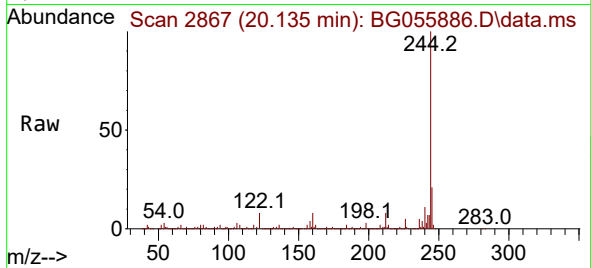




#79
 Terphenyl-d14
 Concen: 78.530 ng
 RT: 20.135 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055886.D
 Acq: 5 Dec 2022 15:45

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 822628
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.182 min Scan# 3726
 Delta R.T. 0.003 min
 Lab File: BG055886.D
 Acq: 5 Dec 2022 15:45

Tgt Ion:264 Resp: 223357
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.9 17.1 25.7

