

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041211.D
 Acq On : 01 Aug 2023 05:44
 Operator : MA/JU
 Sample : 03770-10RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HOWE-2-LPRE

Quant Time: Aug 01 06:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

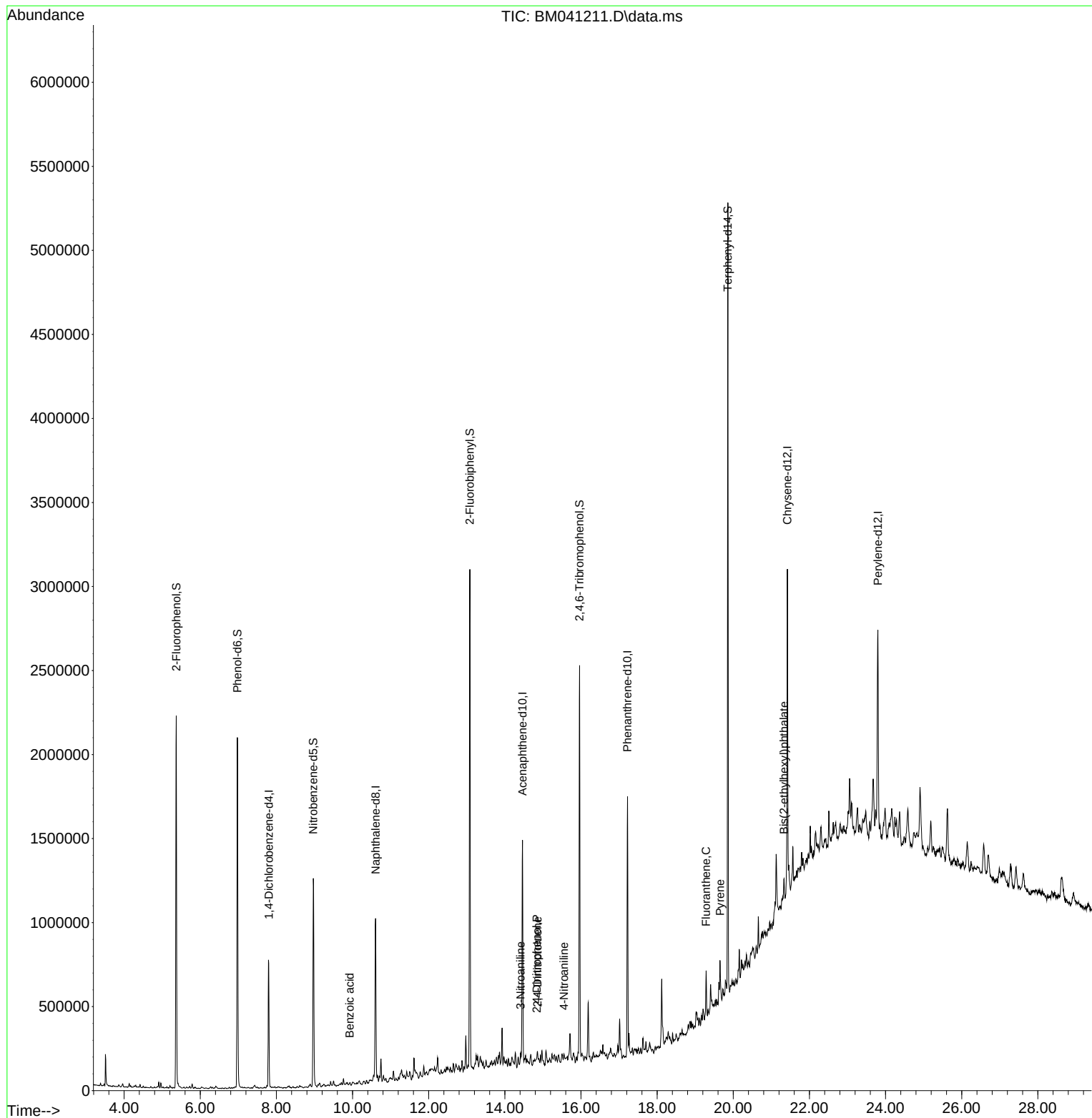
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	197761	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	762142	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	427889	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	890026	20.000	ng	0.00
76) Chrysene-d12	21.421	240	800380	20.000	ng	0.00
86) Perylene-d12	23.797	264	910024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	903513	68.283	ng	0.00
7) Phenol-d6	6.975	99	1143731	66.684	ng	0.00
23) Nitrobenzene-d5	8.969	82	708004	43.201	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	411850	68.049	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1464833	43.246	ng	0.00
79) Terphenyl-d14	19.856	244	2133239	48.190	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.928	122	73	7.163	ng	# 1
53) 3-Nitroaniline	14.410	138	1018	2.702	ng	# 53
54) 2,4-Dinitrophenol	14.839	184	54	5.846	ng	# 1
57) 2,4-Dinitrotoluene	14.857	165	1174	2.787	ng	# 69
62) 4-Nitroaniline	15.557	138	48	4.154	ng	# 17
75) Fluoranthene	19.286	202	140267	2.525	ng	98
78) Pyrene	19.651	202	136058	2.431	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	16569	3.023	ng	# 84

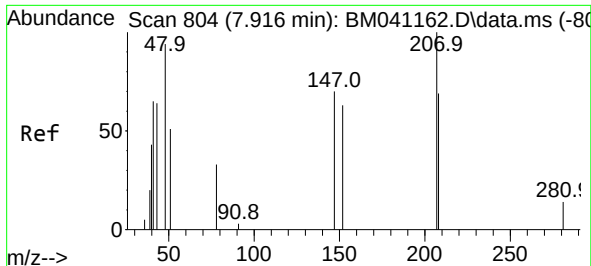
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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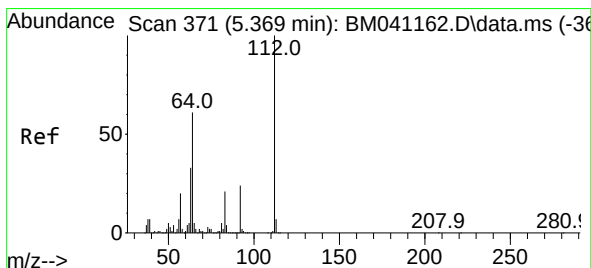
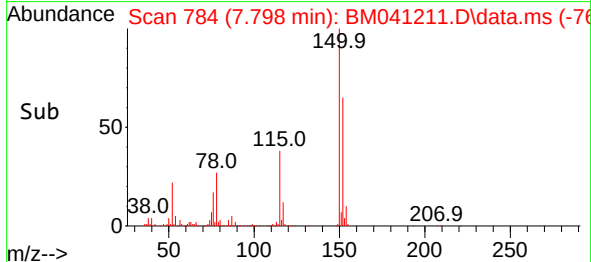
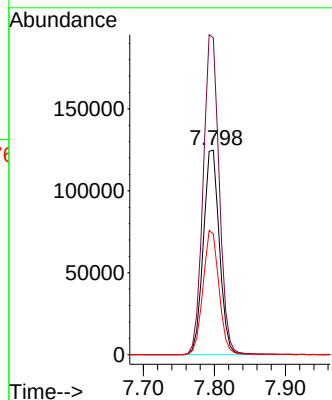
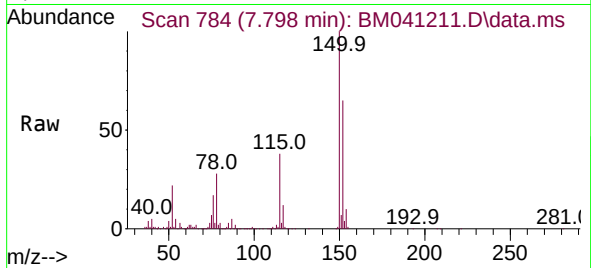




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

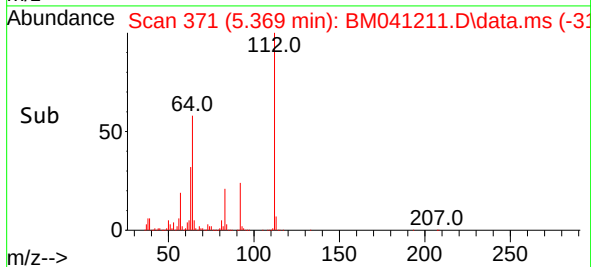
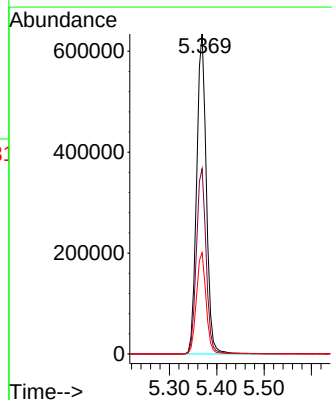
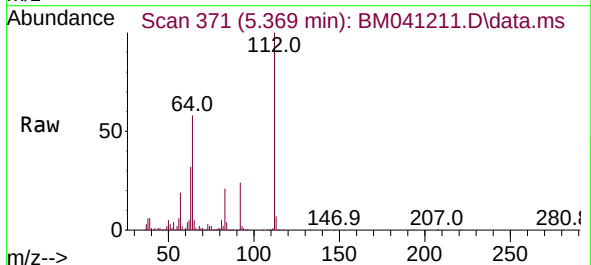
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

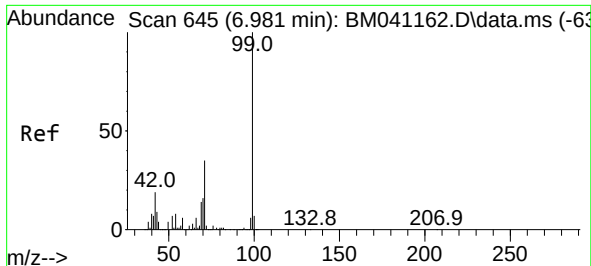
Tgt Ion:152 Resp: 197761
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 59.0 48.0 72.0



#5
2-Fluorophenol
Concen: 68.283 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:112 Resp: 903513
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 31.7 26.5 39.7



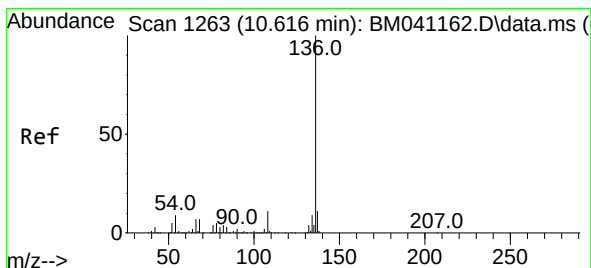
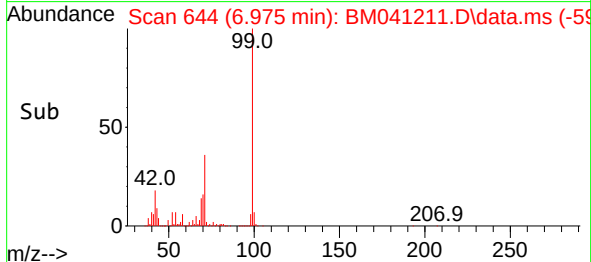
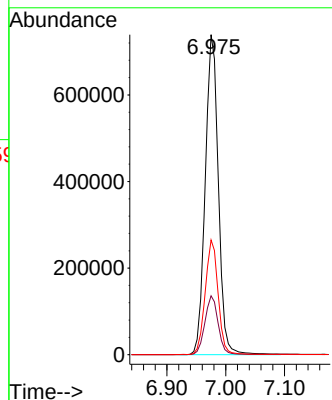
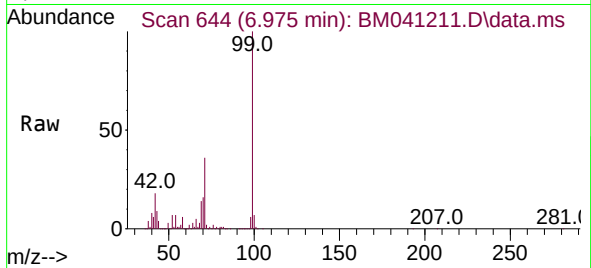


#7
Phenol-d6
Concen: 66.684 ng
RT: 6.975 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

Tgt Ion: 99 Resp: 1143731

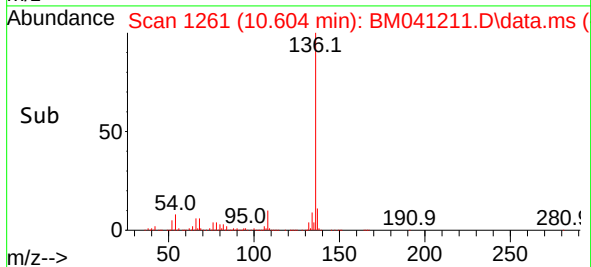
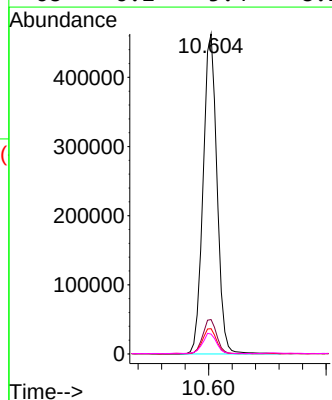
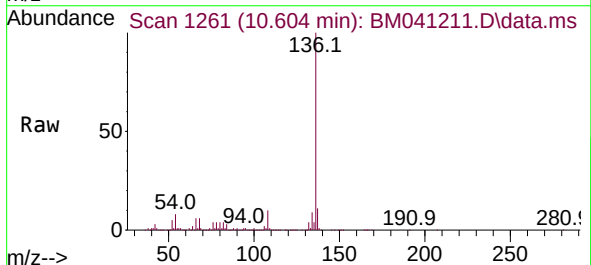
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	35.9	28.2	42.4

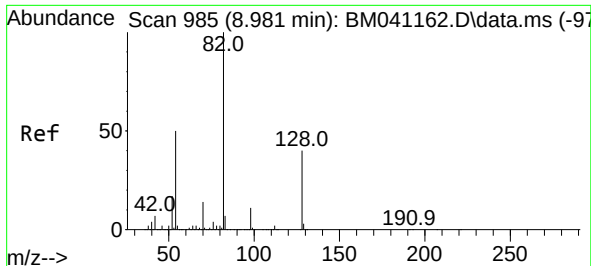


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion: 136 Resp: 762142

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.9	10.3
68	6.2	5.4	8.2

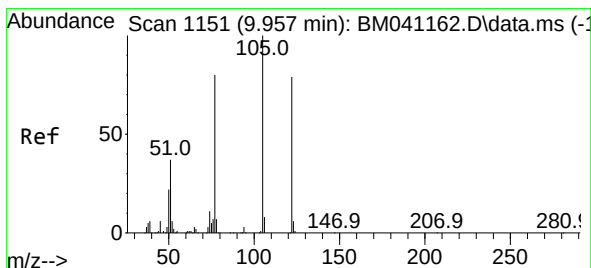
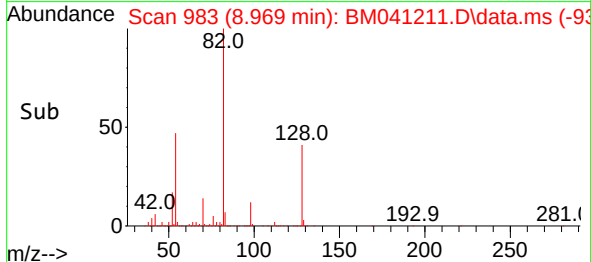
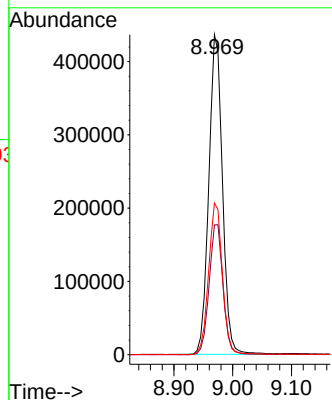
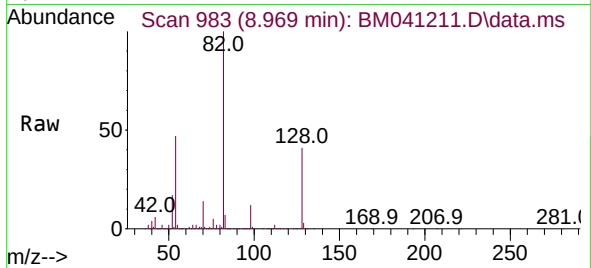




#23
Nitrobenzene-d5
Concen: 43.201 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

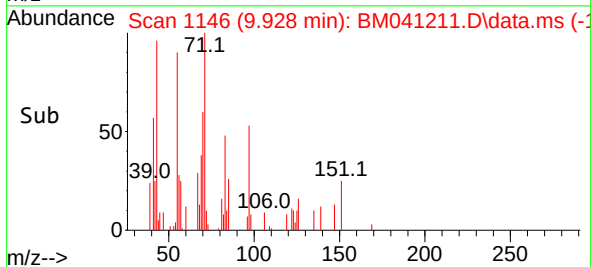
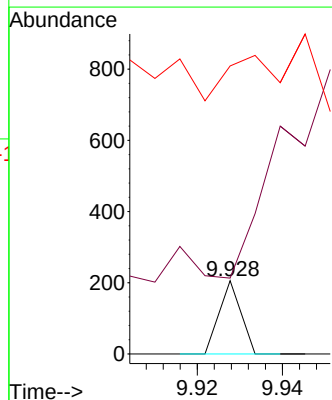
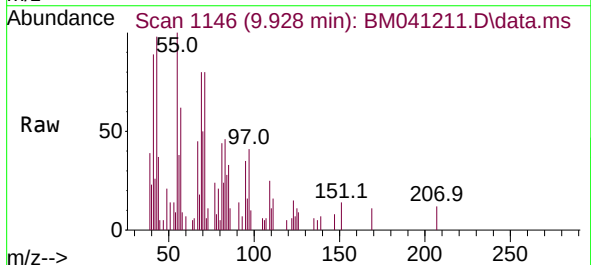
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

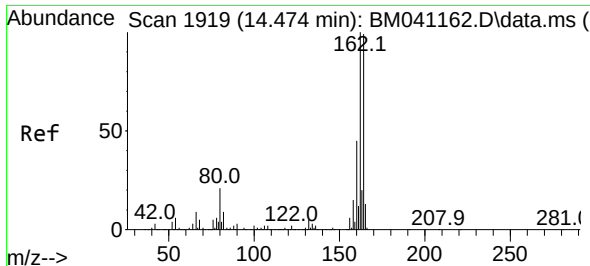
Tgt Ion: 82 Resp: 708004
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 47.4 40.1 60.1



#32
Benzoic acid
Concen: 7.163 ng
RT: 9.928 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion: 122 Resp: 73
Ion Ratio Lower Upper
122 100
105 103.4 104.0 144.0#
77 392.7 79.9 119.9#

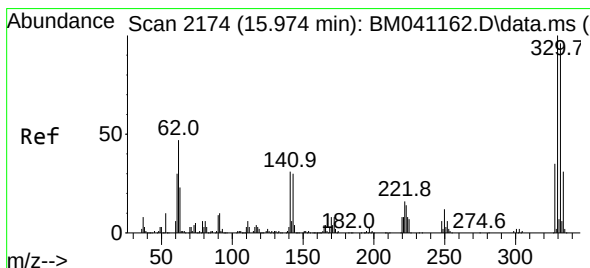
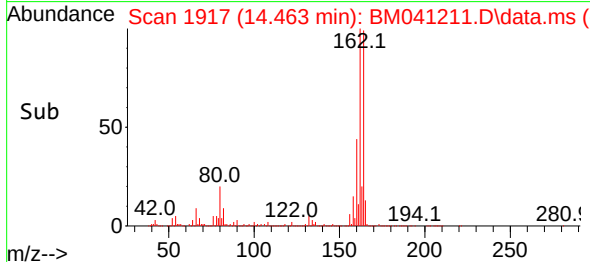
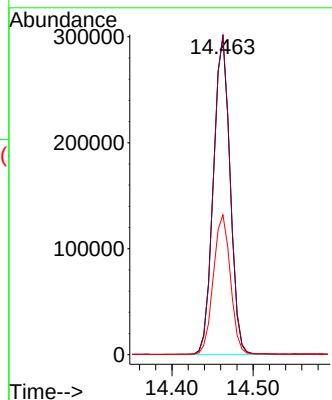
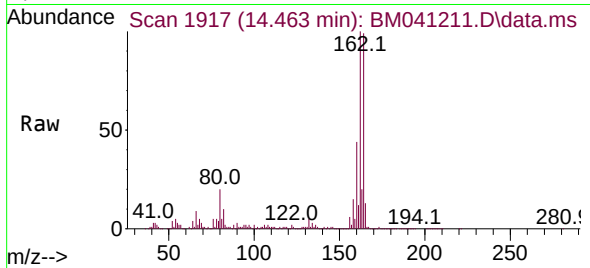




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

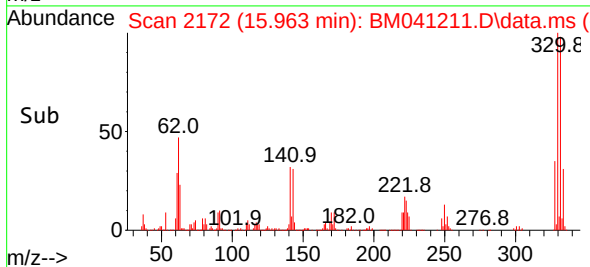
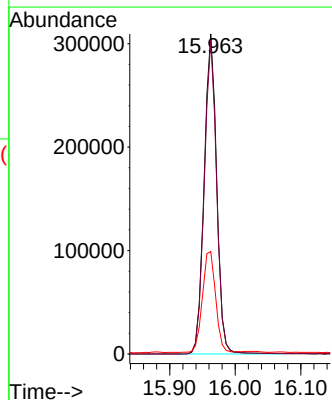
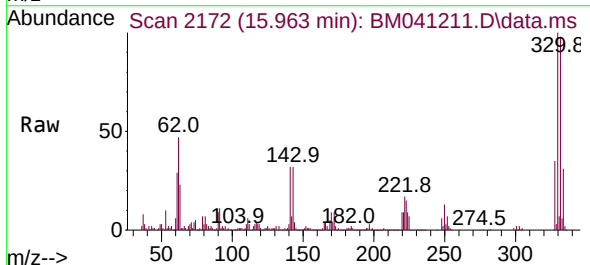
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

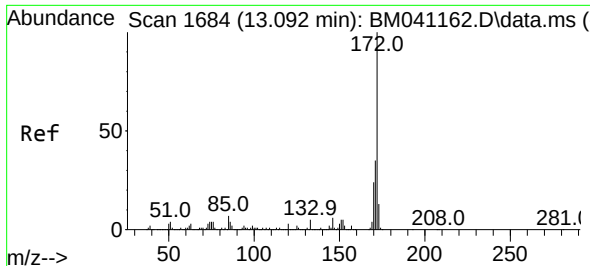
Tgt Ion:164 Resp: 427889
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 68.049 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:330 Resp: 411850
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 33.1 28.3 42.5

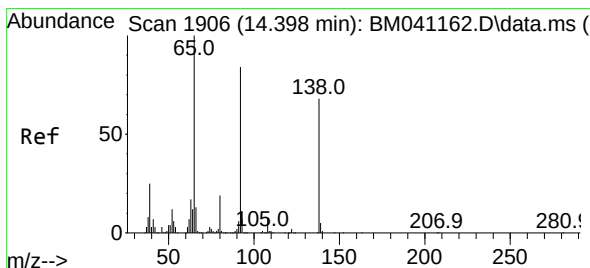
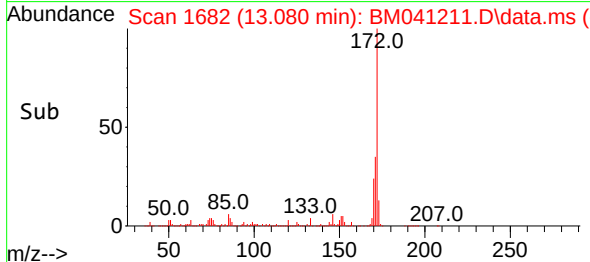
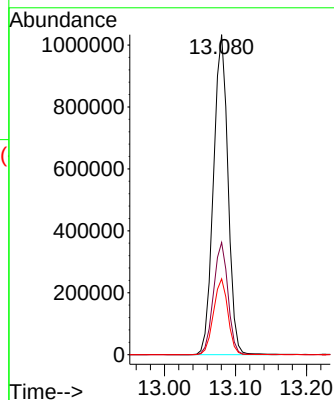
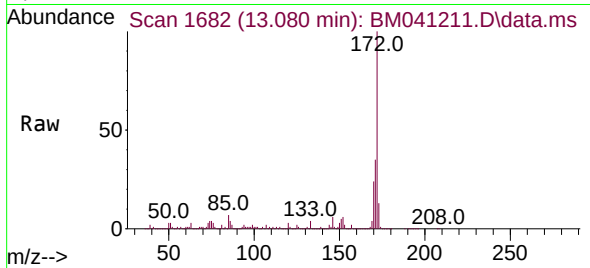




#45
2-Fluorobiphenyl
Concen: 43.246 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

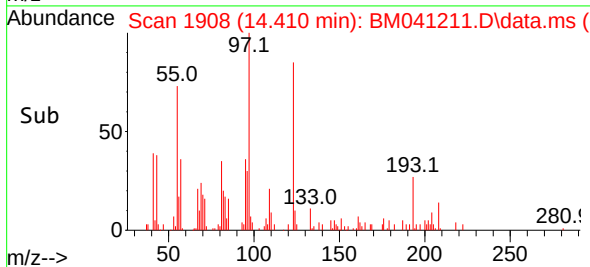
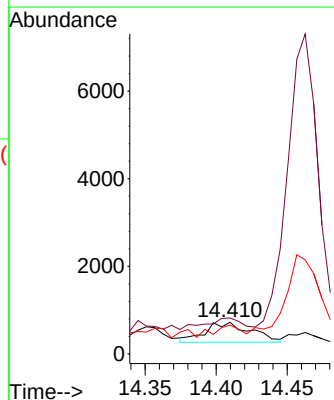
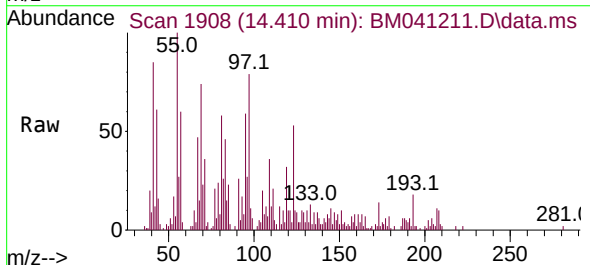
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

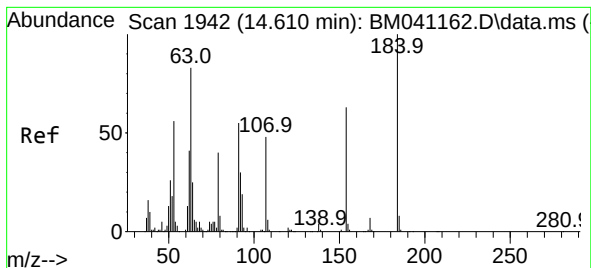
Tgt Ion:172 Resp: 1464833
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3



#53
3-Nitroaniline
Concen: 2.702 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.018 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:138 Resp: 1018
Ion Ratio Lower Upper
138 100
108 113.5 7.6 11.4#
92 90.8 98.9 148.3#

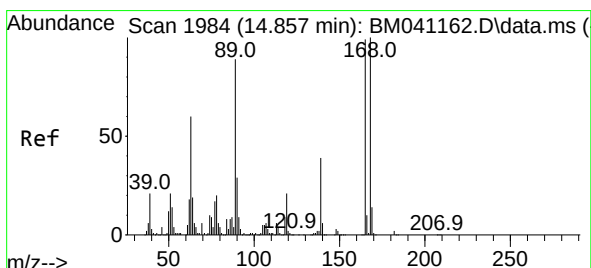
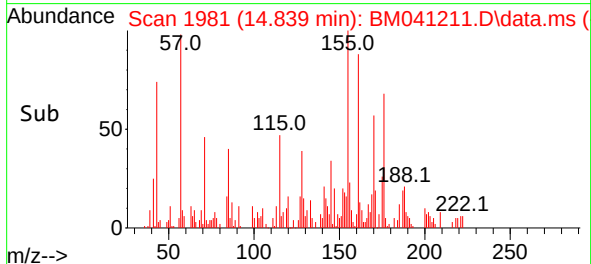
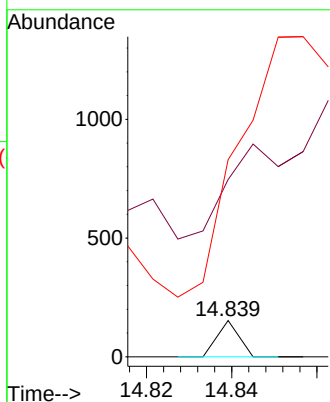
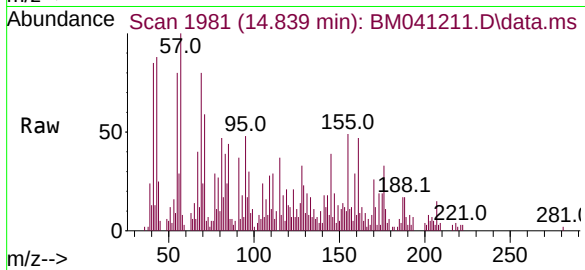




#54
2,4-Dinitrophenol
Concen: 5.846 ng
RT: 14.839 min Scan# 1942
Delta R.T. 0.235 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

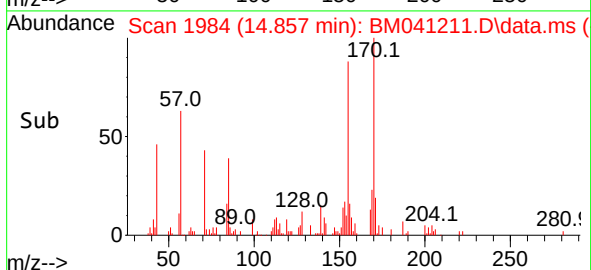
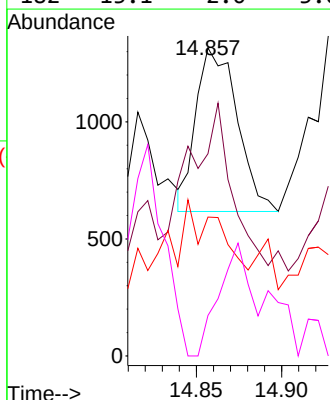
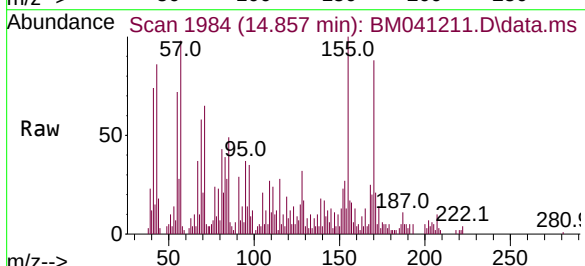
Instrument :
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HOWE-2-LPRE

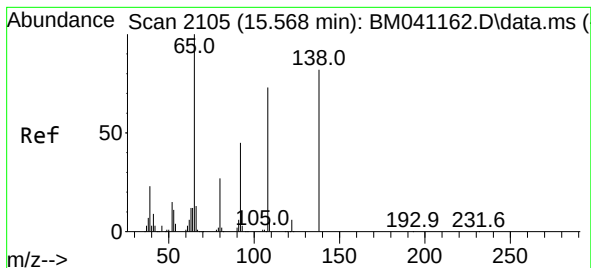
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 487.6 66.5 99.7#
154 542.5 52.8 79.2#



#57
2,4-Dinitrotoluene
Concen: 2.787 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:165 Resp: 1174
Ion Ratio Lower Upper
165 100
63 65.7 48.3 72.5
89 45.1 71.8 107.8#
182 13.1 2.0 3.0#

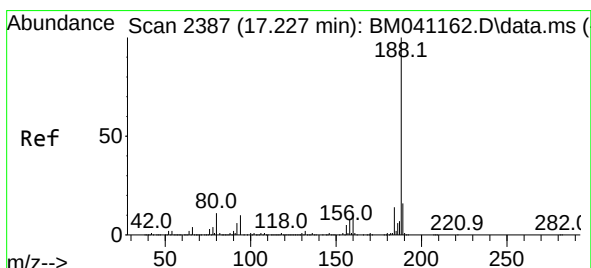
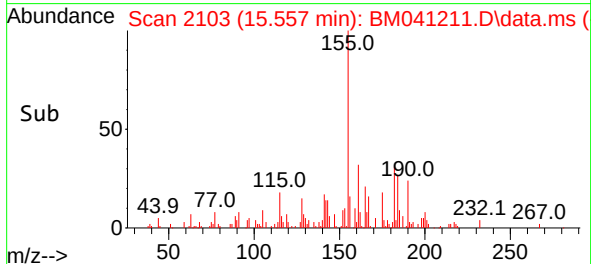
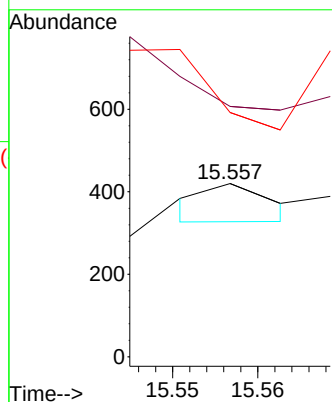
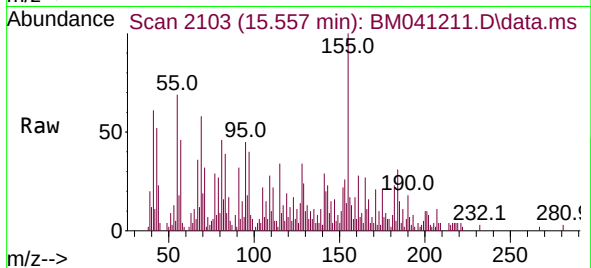




#62
4-Nitroaniline
Concen: 4.154 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

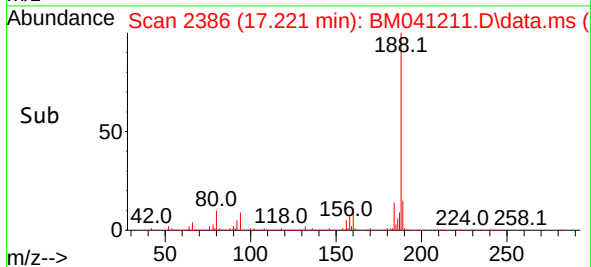
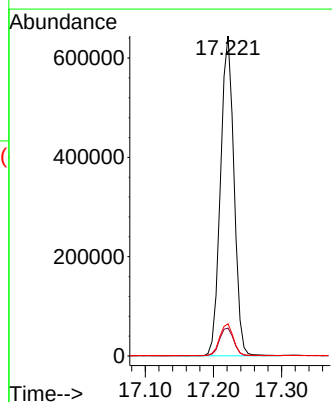
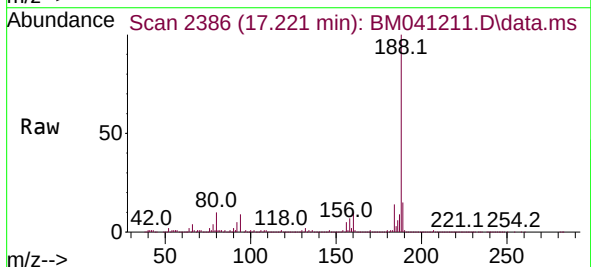
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

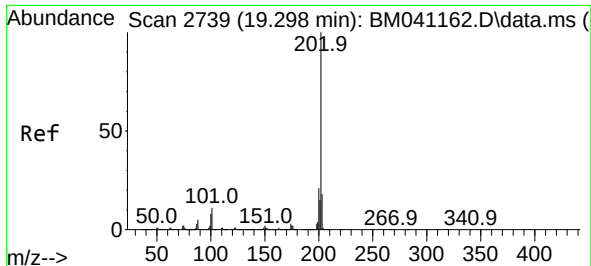
Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
92 144.5 35.1 75.1#
108 141.0 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:188 Resp: 890026
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 10.0 8.6 13.0

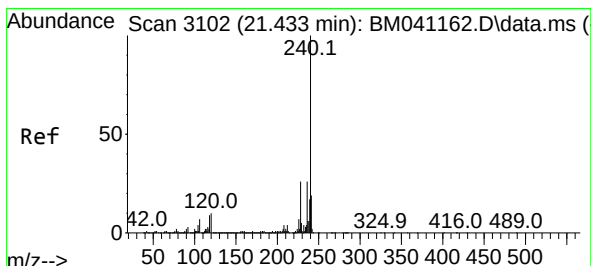
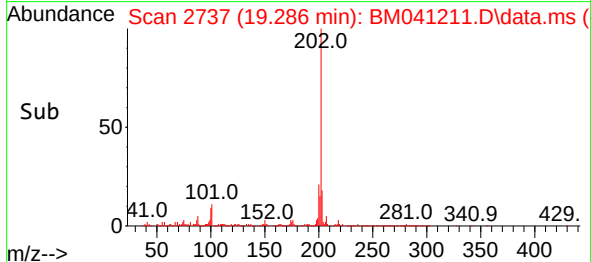
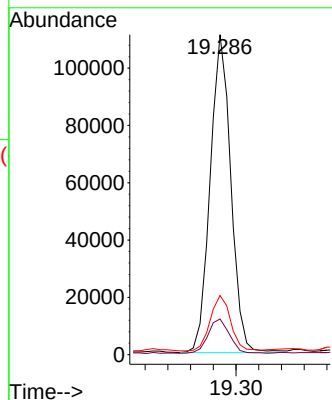
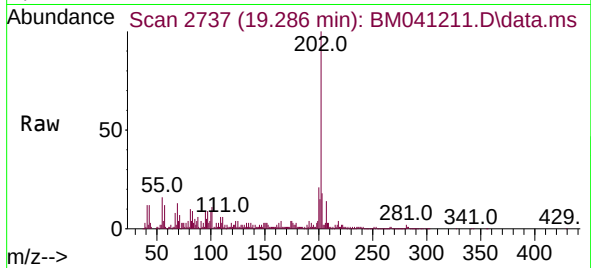




#75
Fluoranthene
Concen: 2.525 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

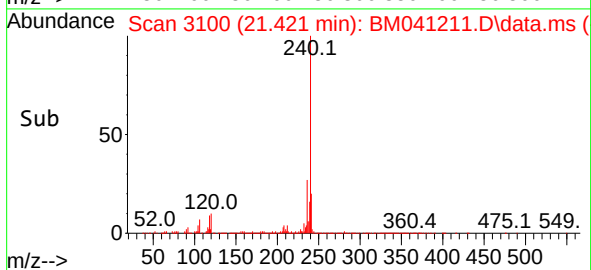
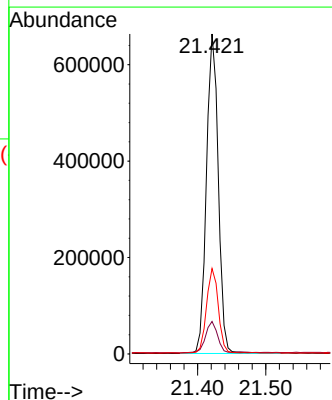
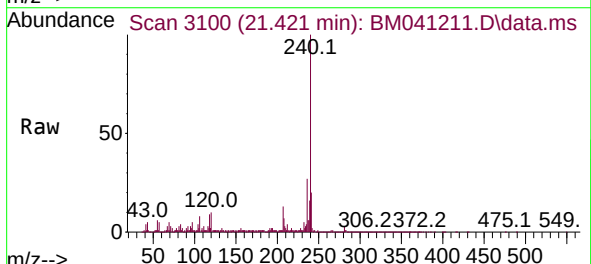
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

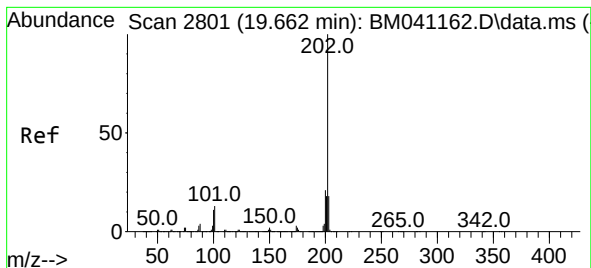
Tgt Ion:202 Resp: 140267
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.8
203 18.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:240 Resp: 800380
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.7 20.6 30.8





#78

Pyrene

Concen: 2.431 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041211.D

Acq: 01 Aug 2023 05:44

Instrument :

BNA_M

ClientSampleId :

HOWE-2-LPRE

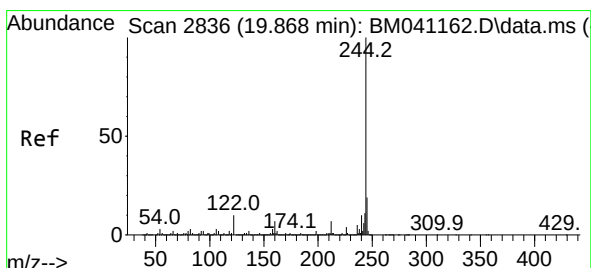
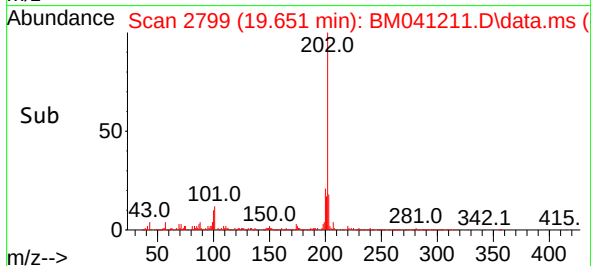
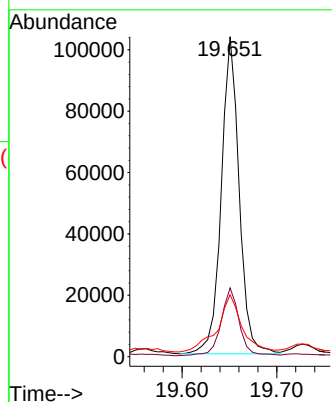
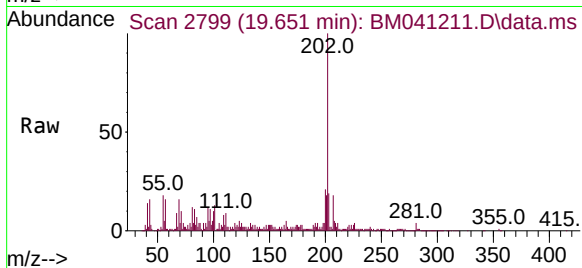
Tgt Ion:202 Resp: 136058

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 19.4 14.1 21.1



#79

Terphenyl-d14

Concen: 48.190 ng

RT: 19.856 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BM041211.D

Acq: 01 Aug 2023 05:44

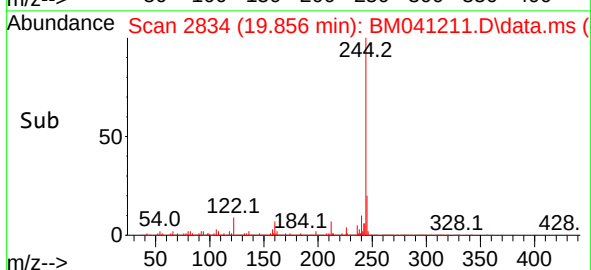
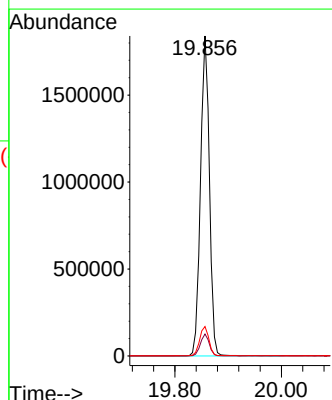
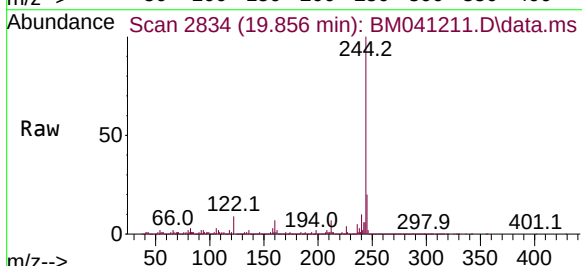
Tgt Ion:244 Resp: 2133239

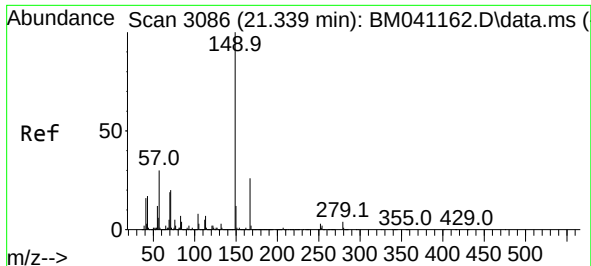
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.2 7.8 11.6

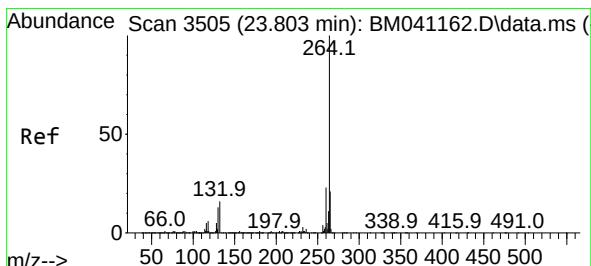
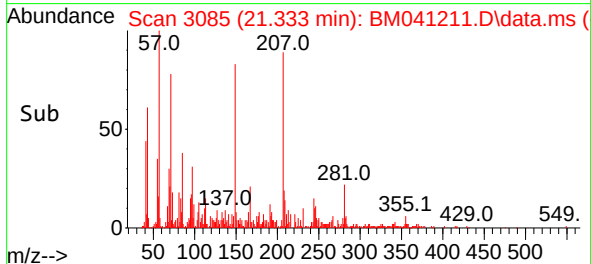
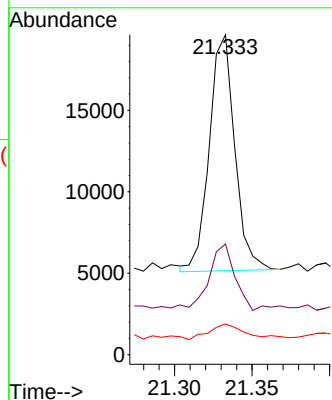
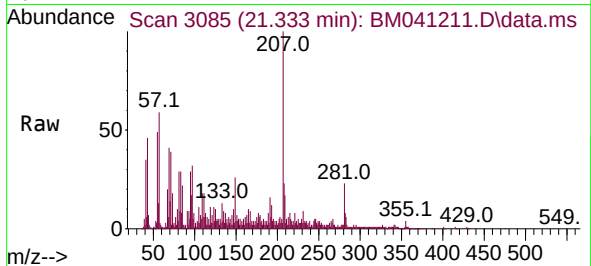




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.023 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

Tgt Ion:149 Resp: 16569
Ion Ratio Lower Upper
149 100
167 34.6 21.0 31.6#
279 9.6 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

Tgt Ion:264 Resp: 910024
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 22.4 17.4 26.0

