

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)

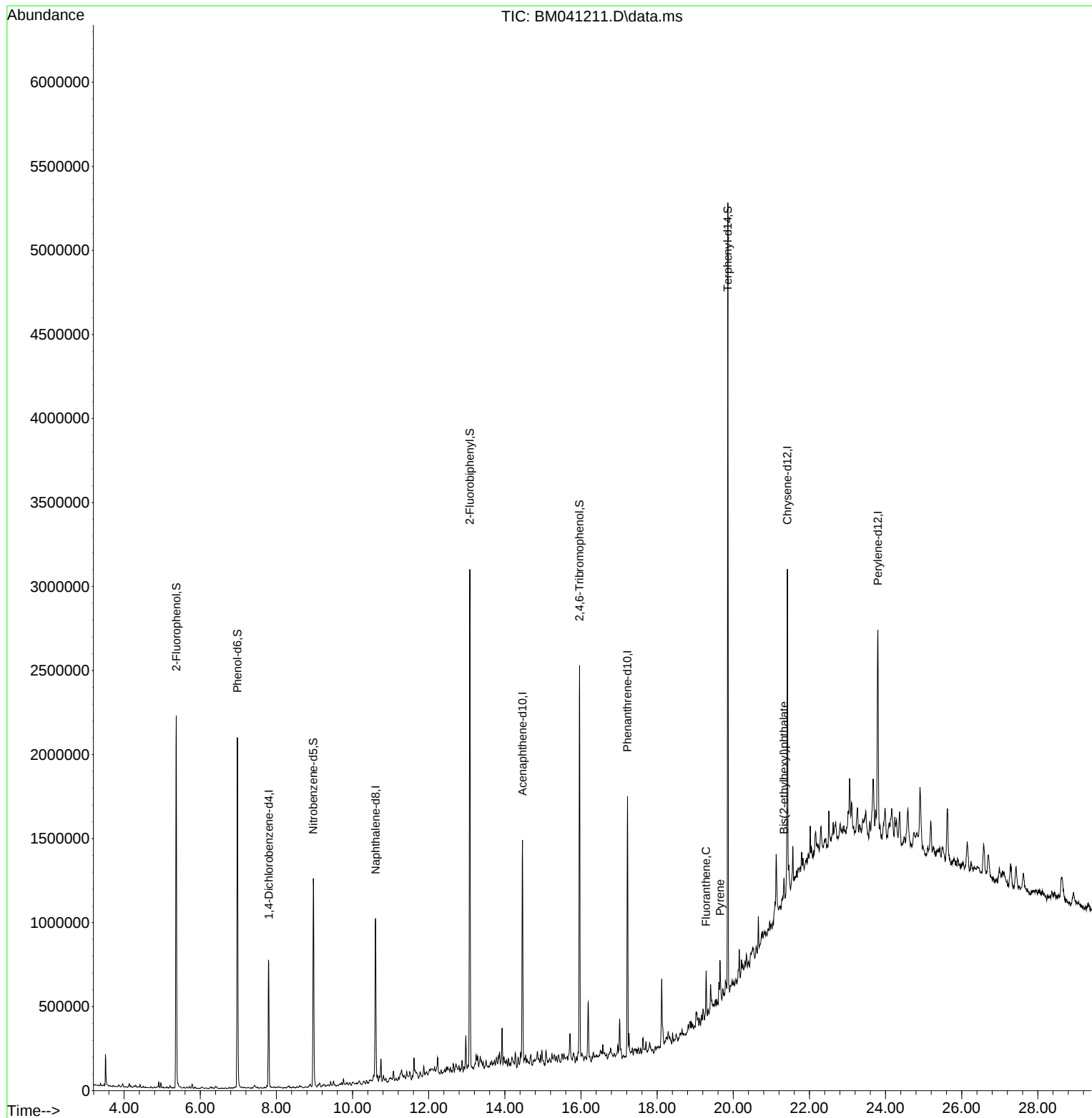
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	197761	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	762142	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	427889	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	890026	20.000	ng	0.00
76) Chrysene-d12	21.421	240	800380	20.000	ng	0.00
86) Perylene-d12	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
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

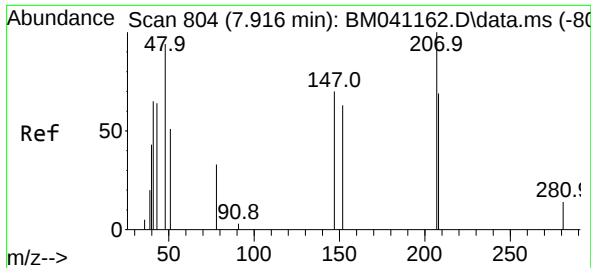
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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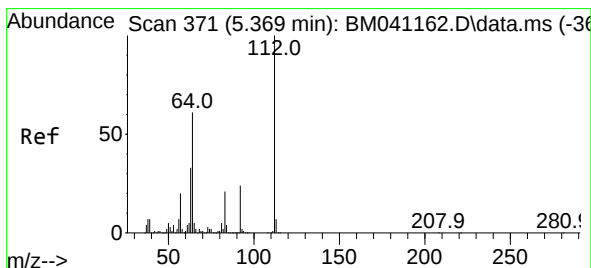
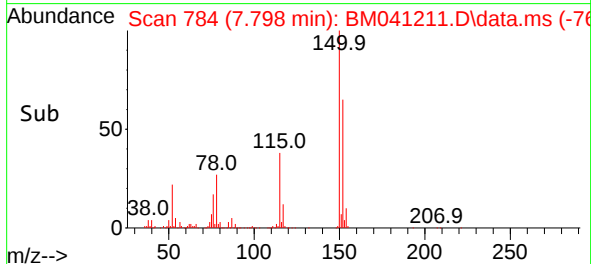
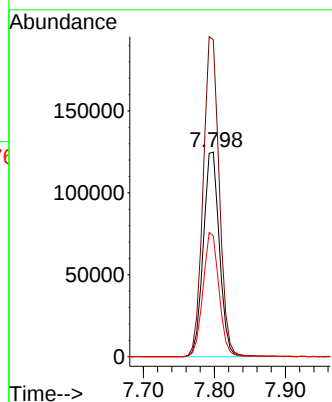
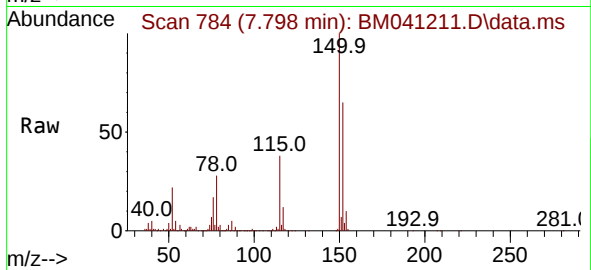




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

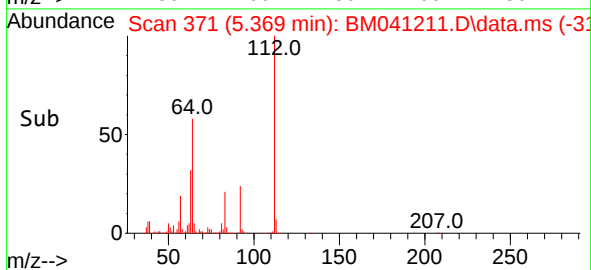
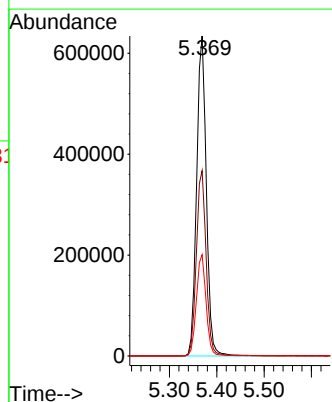
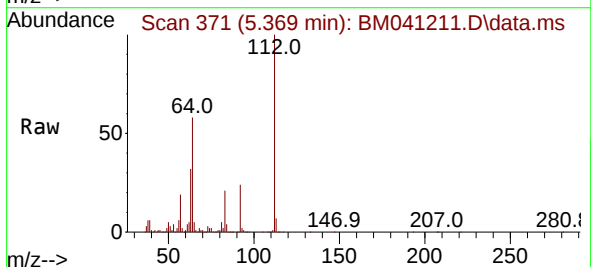
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

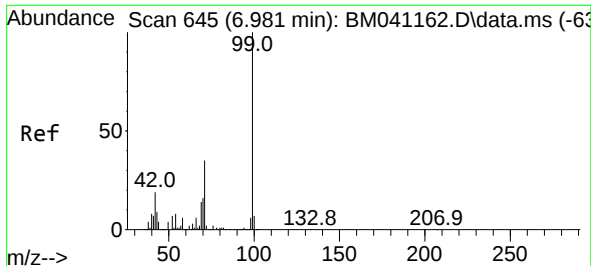
Tgt Ion:152 Resp: 197761
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 59.0 48.0 72.0



#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

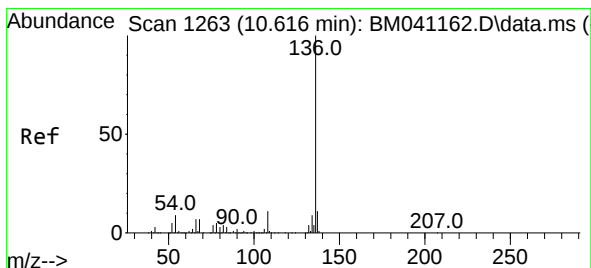
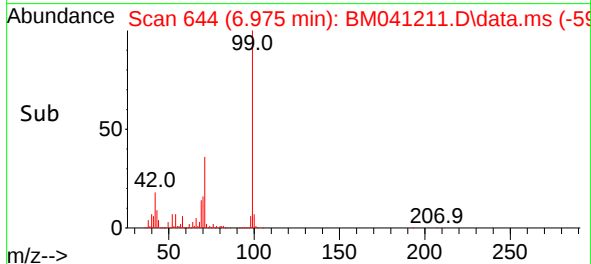
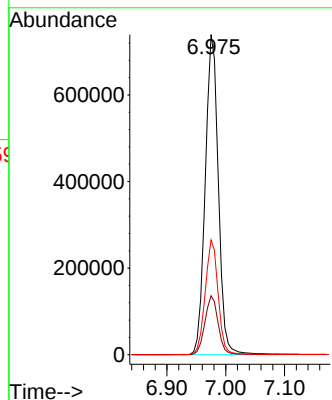
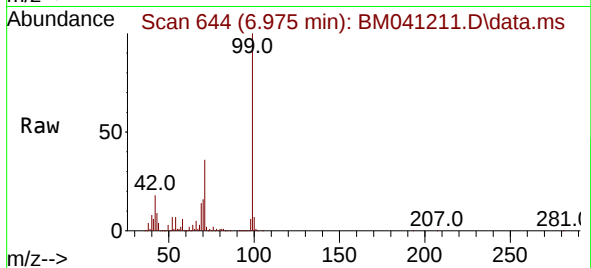




#7
Phenol-d6
Concen: 66.684 ng
RT: 6.975 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

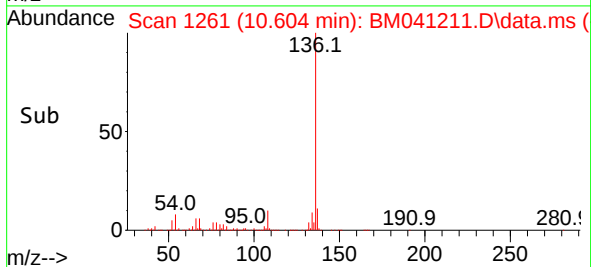
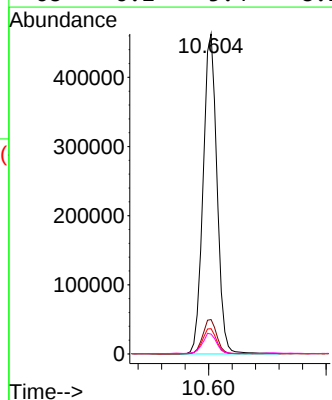
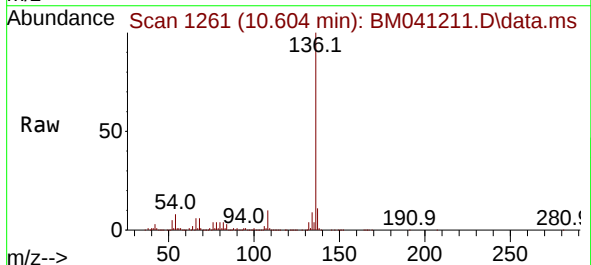
Instrument :
BNA_M
ClientSampleId :
HOWE-2-LPRE

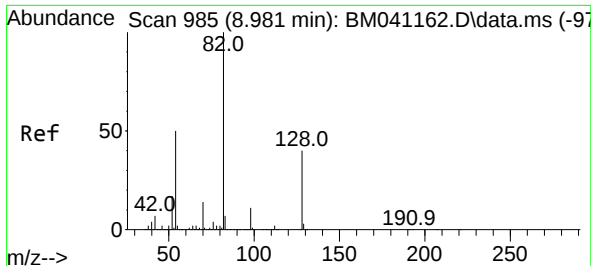
Tgt Ion: 99 Resp: 1143731
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 35.9 28.2 42.4



#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

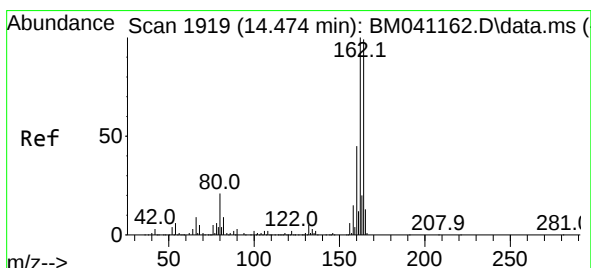
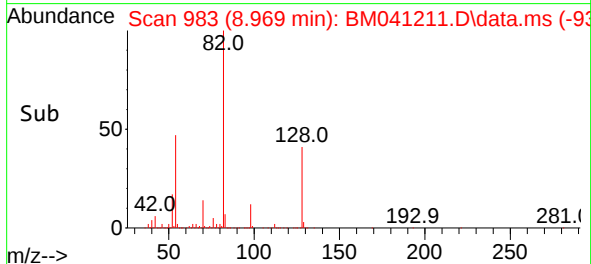
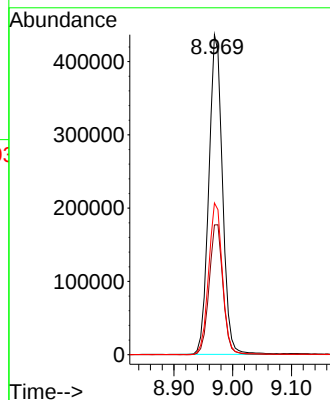
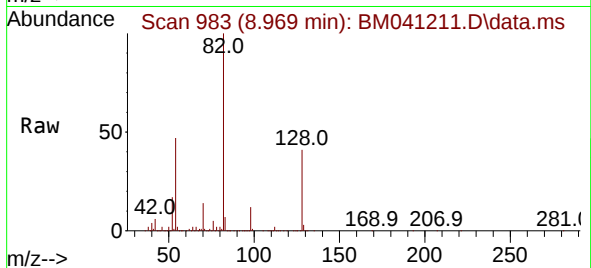
Tgt Ion: 82 Resp: 708004

Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

54 47.4 40.1 60.1



#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

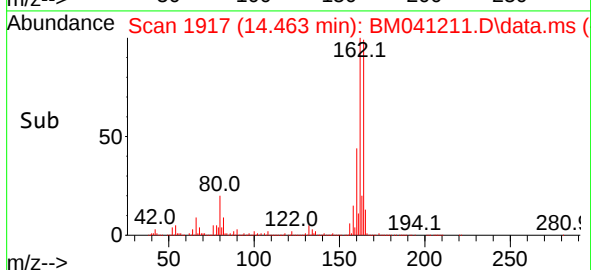
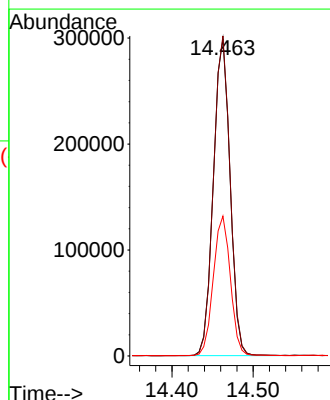
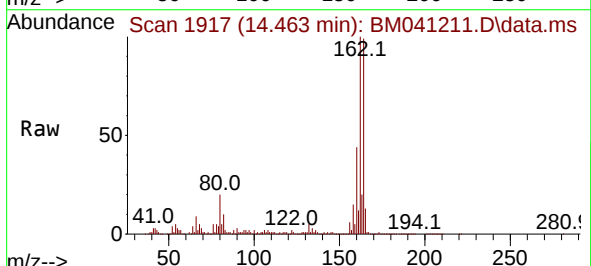
Tgt Ion:164 Resp: 427889

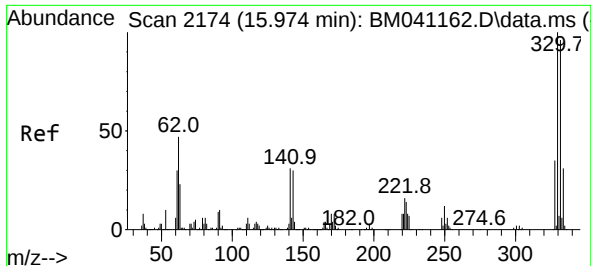
Ion Ratio Lower Upper

164 100

162 100.9 80.4 120.6

160 44.1 36.2 54.2

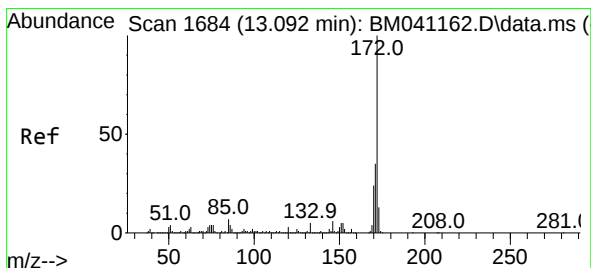
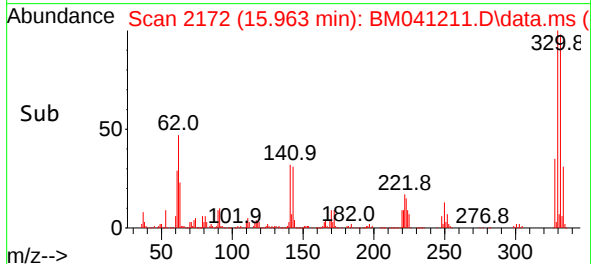
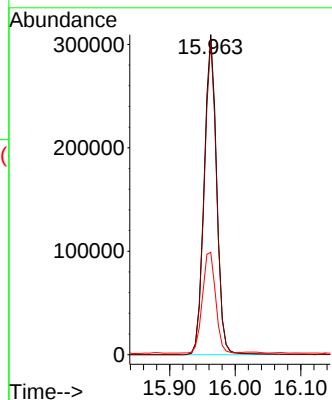
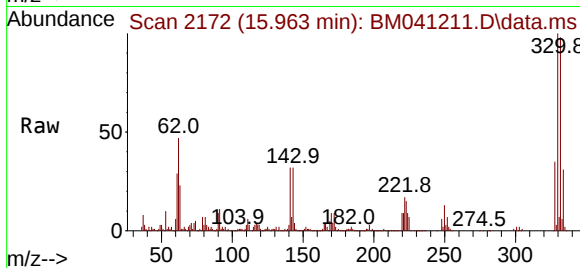




#42
2,4,6-Tribromophenol
Concen: 68.049 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

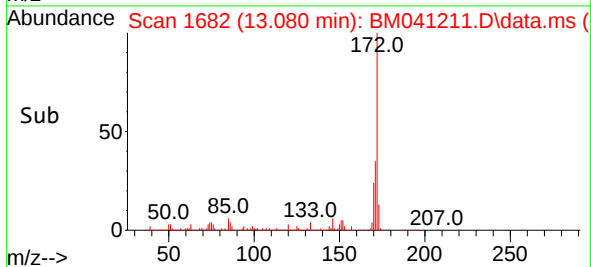
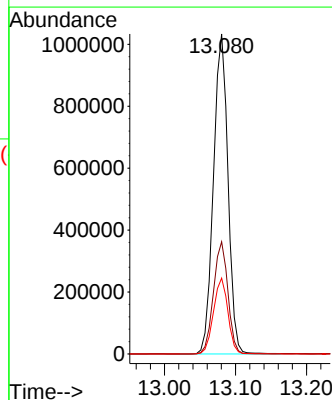
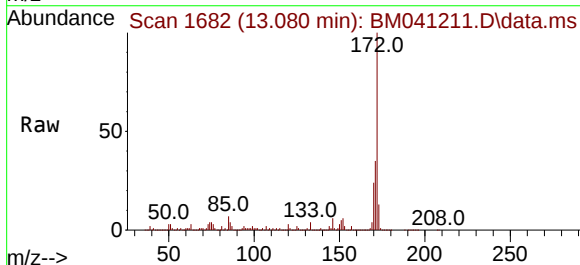
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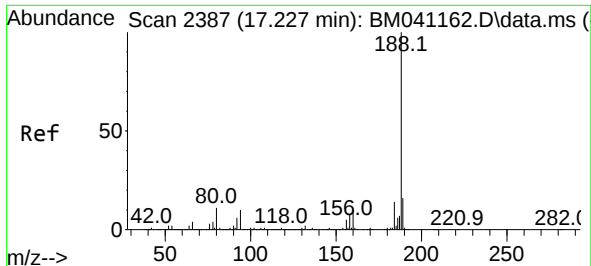
Tgt Ion:330 Resp: 411850
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 33.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 43.246 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

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

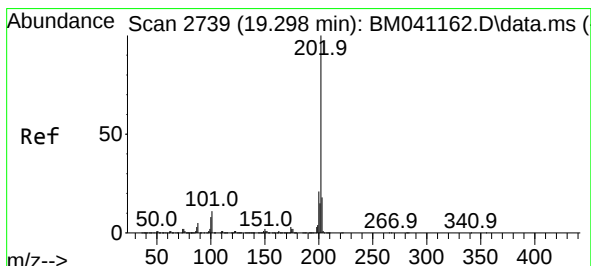
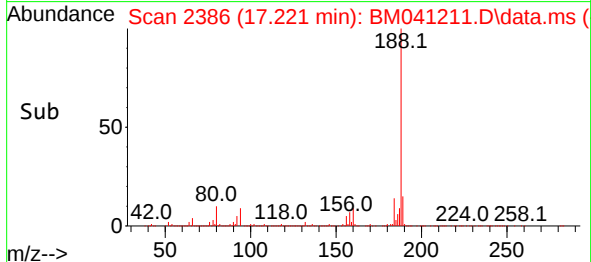
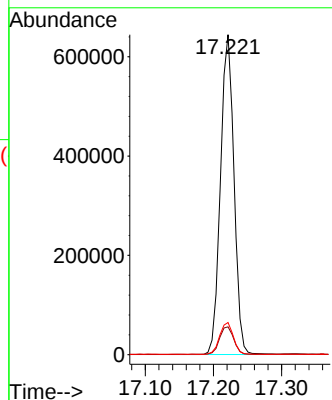
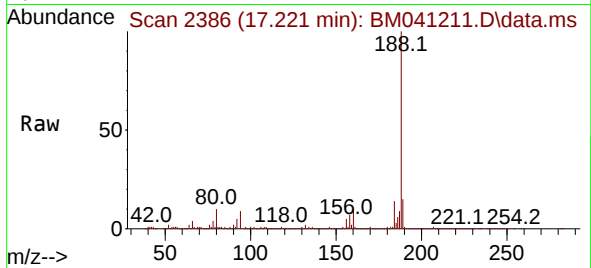




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

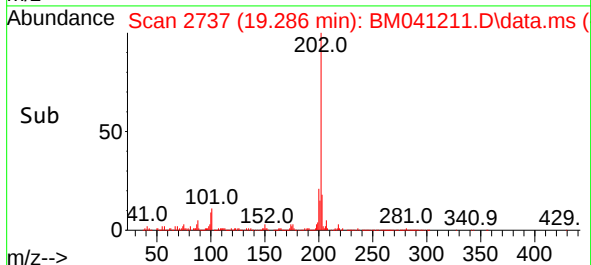
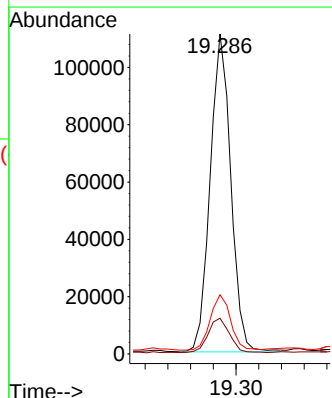
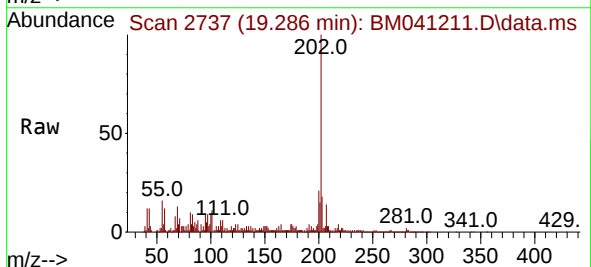
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BNA_M
ClientSampleId :
HOWE-2-LPRE

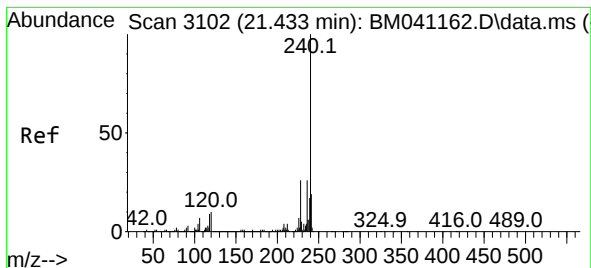
Tgt Ion:188 Resp: 890026
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 10.0 8.6 13.0



#75
Fluoranthene
Concen: 2.525 ng
RT: 19.286 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BM041211.D
Acq: 01 Aug 2023 05:44

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# 31

Delta R.T. -0.006 min

Lab File: BM041211.D

Acq: 01 Aug 2023 05:44

Instrument :

BNA_M

ClientSampleId :

HOWE-2-LPRE

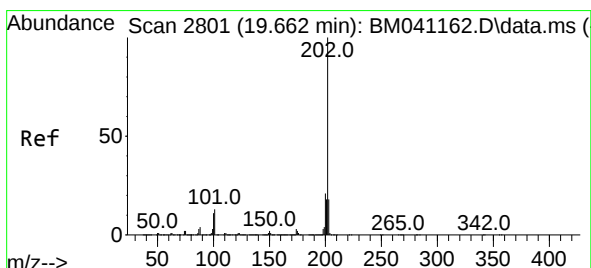
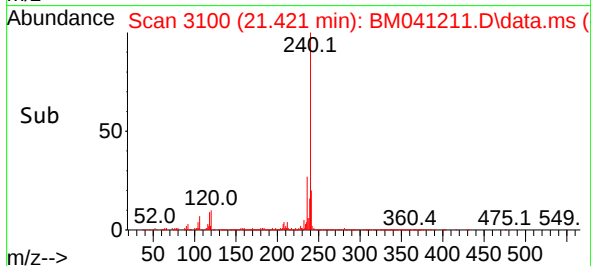
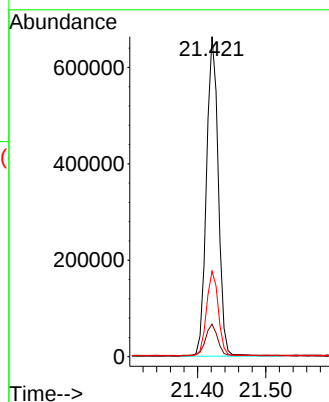
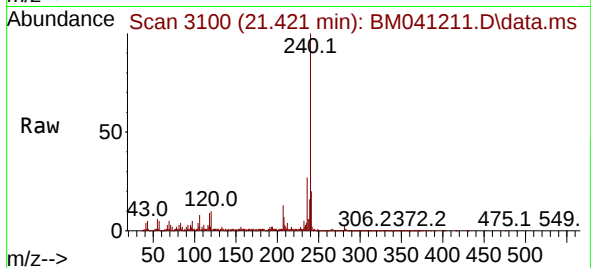
Tgt Ion:240 Resp: 800380

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# 2799

Delta R.T. -0.006 min

Lab File: BM041211.D

Acq: 01 Aug 2023 05:44

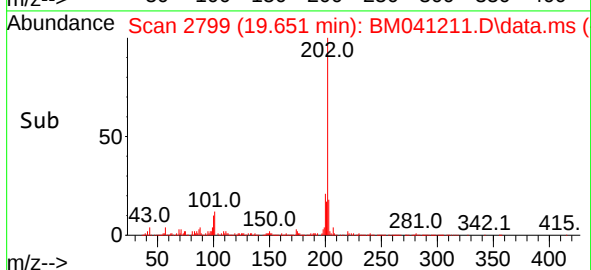
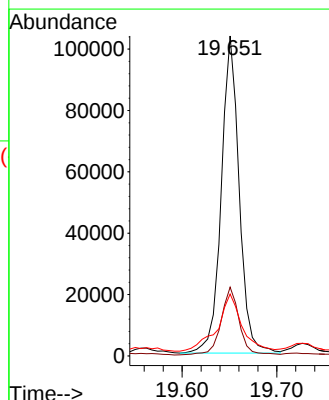
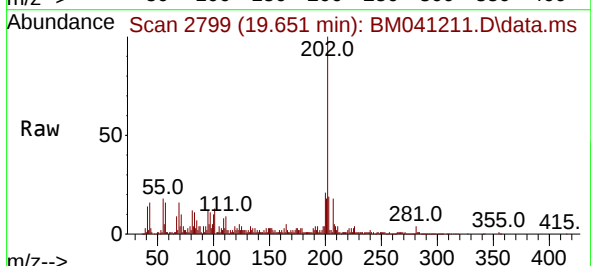
Tgt Ion:202 Resp: 136058

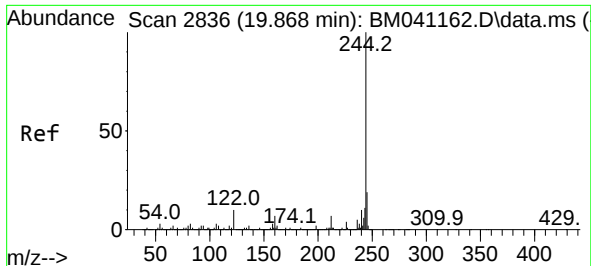
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 19.4 14.1 21.1

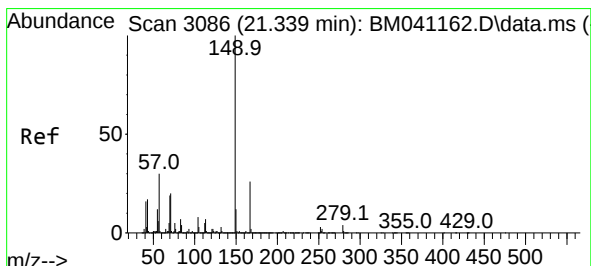
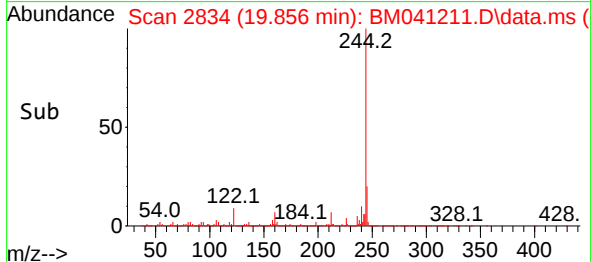
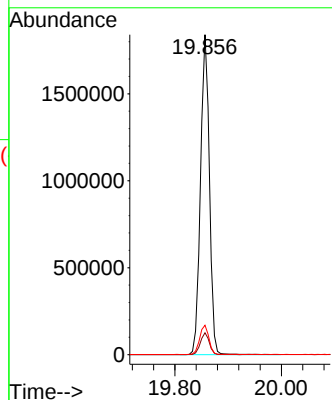
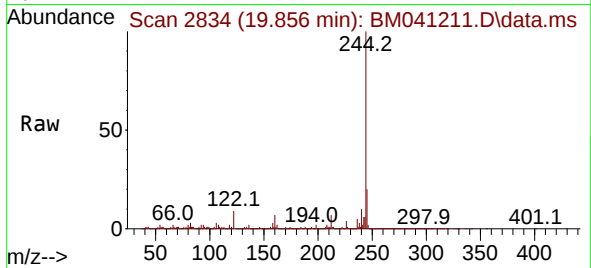




#79
 Terphenyl-d14
 Concen: 48.190 ng
 RT: 19.856 min Scan# 2133239
 Delta R.T. -0.006 min
 Lab File: BM041211.D
 Acq: 01 Aug 2023 05:44

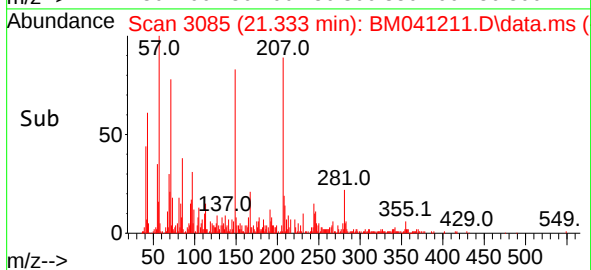
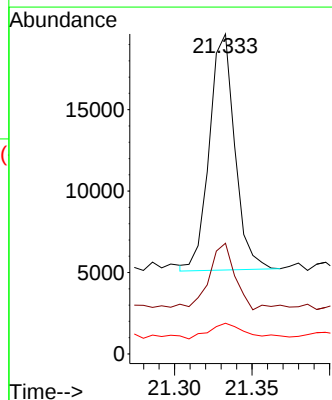
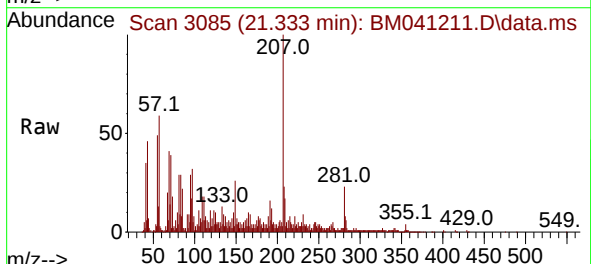
Instrument :
 BNA_M
 ClientSampleId :
 HOWE-2-LPRE

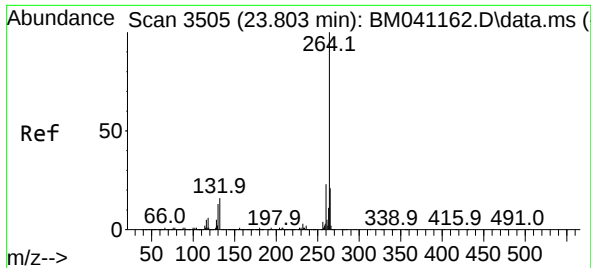
Tgt Ion:244 Resp: 2133239
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.2 7.8 11.6



#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

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# 31
 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:264 Resp: 910024
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 22.4 17.4 26.0

