

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041206.D
 Acq On : 01 Aug 2023 02:41
 Operator : MA/JU
 Sample : 03741-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P27A

Quant Time: Aug 01 03:38:15 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)

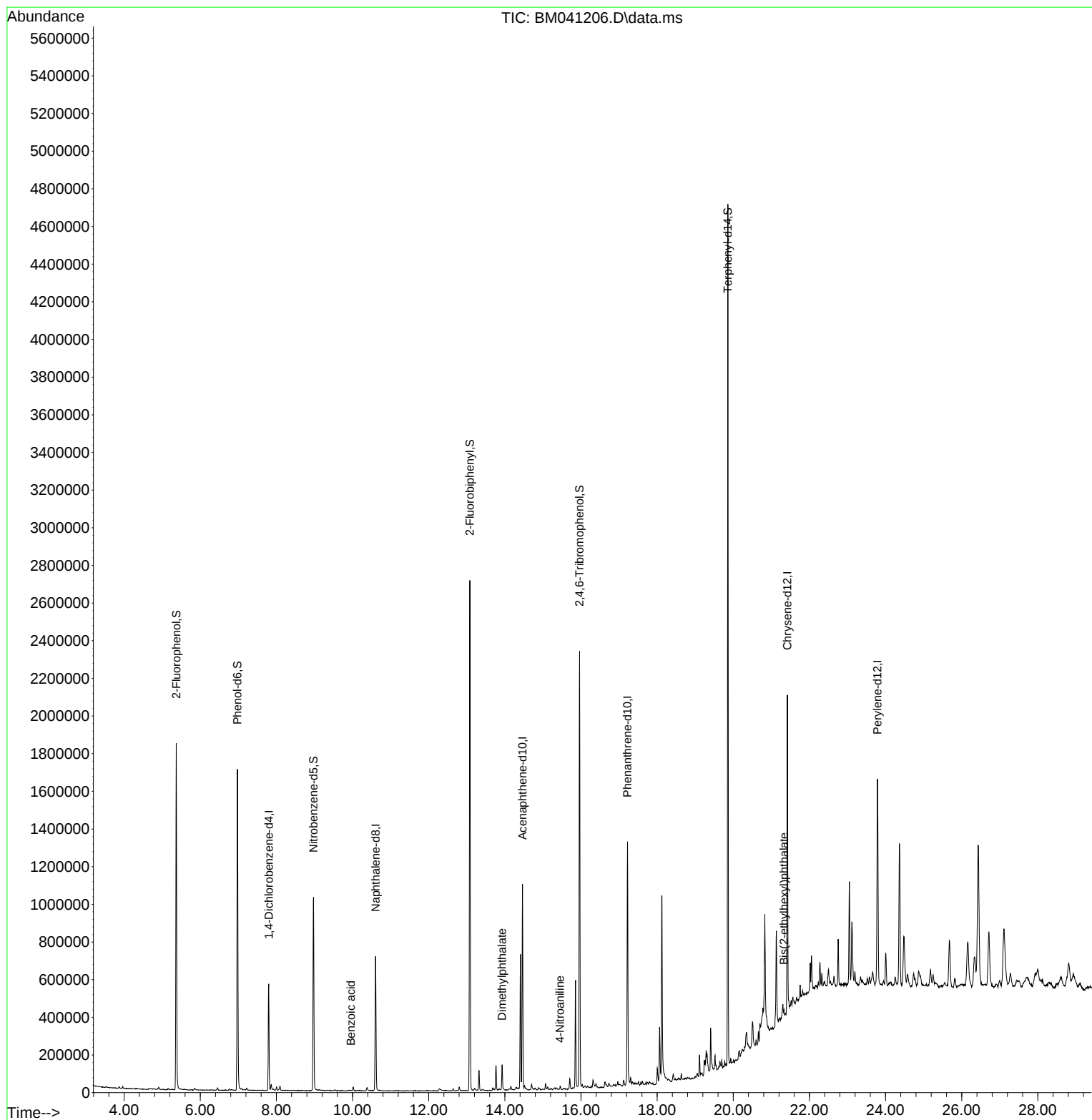
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	144722	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	565531	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	343257	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	745729	20.000	ng	0.00
76) Chrysene-d12	21.421	240	704258	20.000	ng	0.00
86) Perylene-d12	23.785	264	788910	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	739992	76.421	ng	0.00
7) Phenol-d6	6.975	99	969047	77.205	ng	0.00
23) Nitrobenzene-d5	8.975	82	602731	49.564	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	418561	86.209	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1290964	47.510	ng	0.00
79) Terphenyl-d14	19.856	244	2039667	52.365	ng	0.00
Target Compounds						
32) Benzoic acid	9.957	122	68	7.164	ng	Qvalue
50) Dimethylphthalate	13.927	163	80314	3.110	ng	# 50
62) 4-Nitroaniline	15.445	138	53	4.156	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.333	149	12215	2.944	ng	# 98

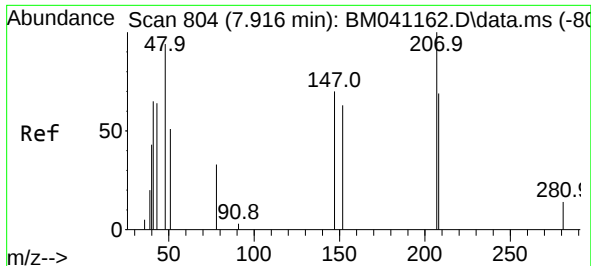
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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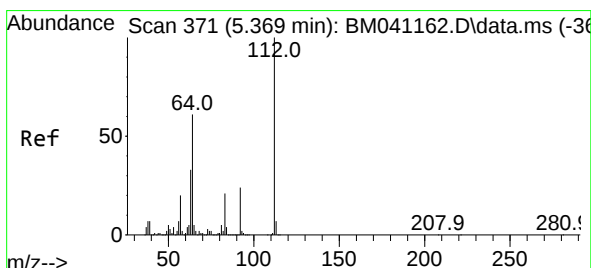
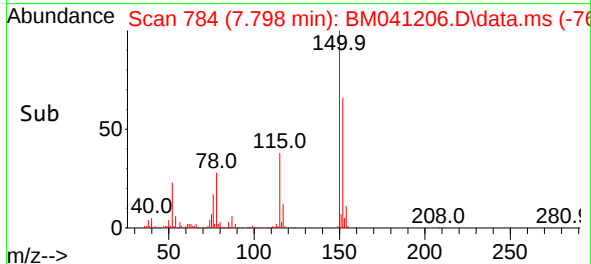
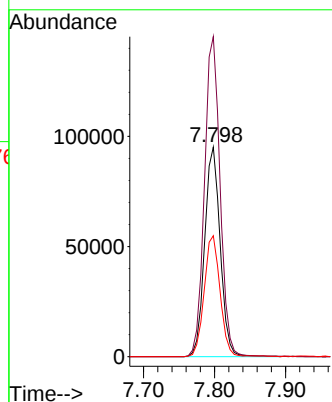
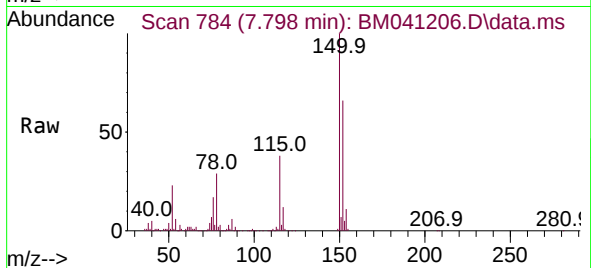




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

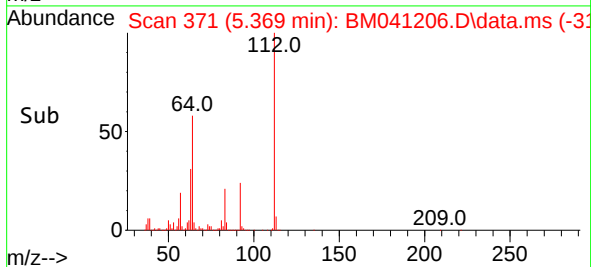
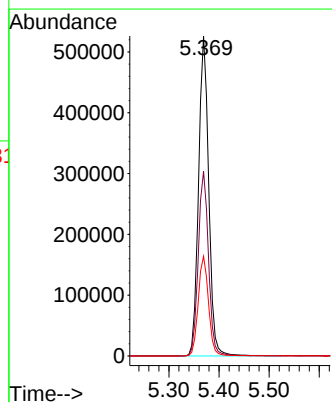
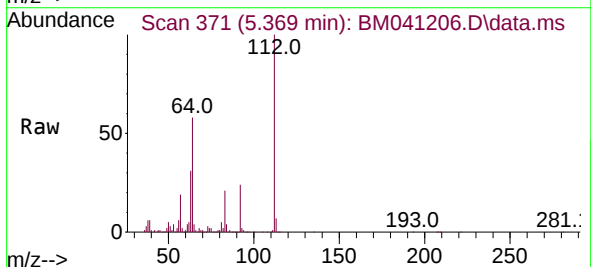
Instrument :
BNA_M
ClientSampleId :
B-P27A

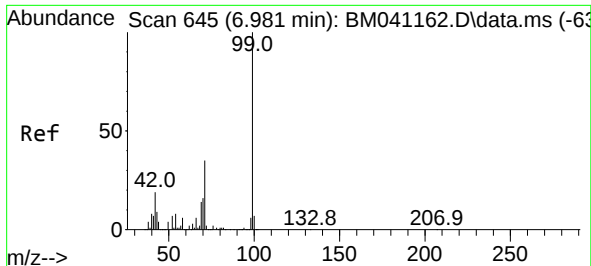
Tgt Ion:152 Resp: 144722
Ion Ratio Lower Upper
152 100
150 152.7 125.5 188.3
115 57.7 48.0 72.0



#5
2-Fluorophenol
Concen: 76.421 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

Tgt Ion:112 Resp: 739992
Ion Ratio Lower Upper
112 100
64 57.7 48.5 72.7
63 31.2 26.5 39.7

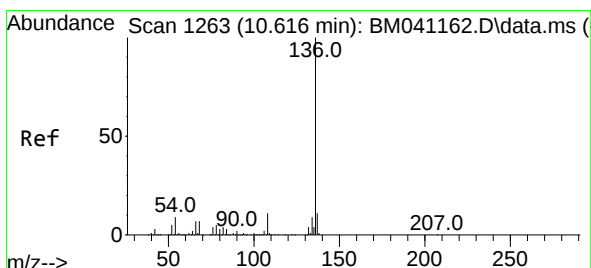
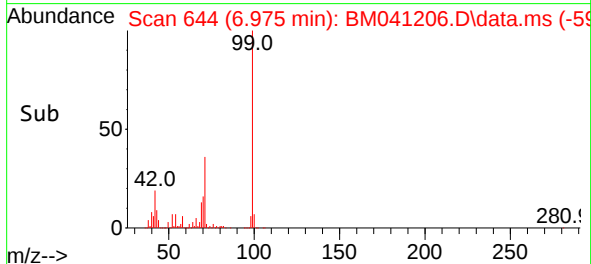
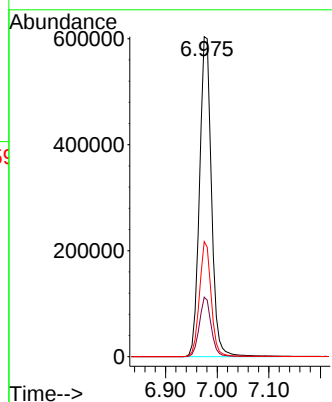
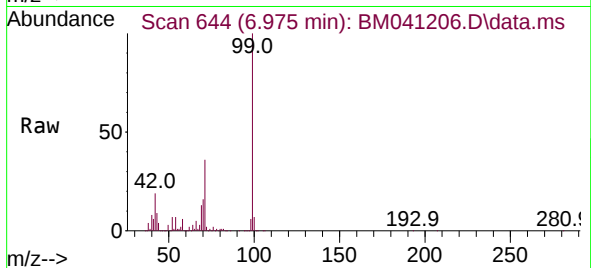




#7
Phenol-d6
Concen: 77.205 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

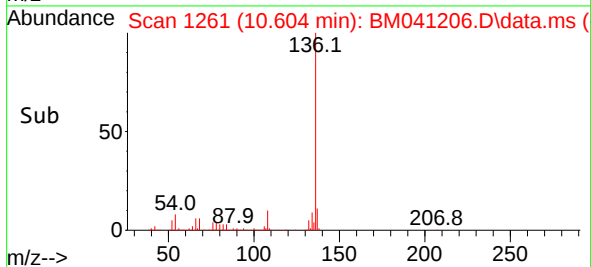
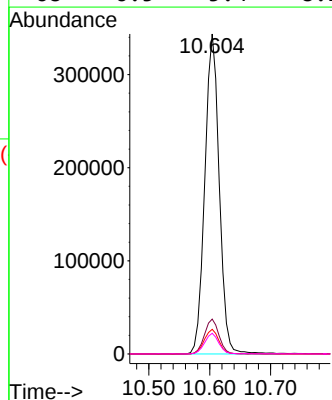
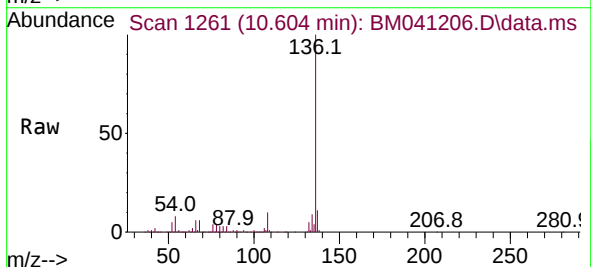
Instrument :
BNA_M
ClientSampleId :
B-P27A

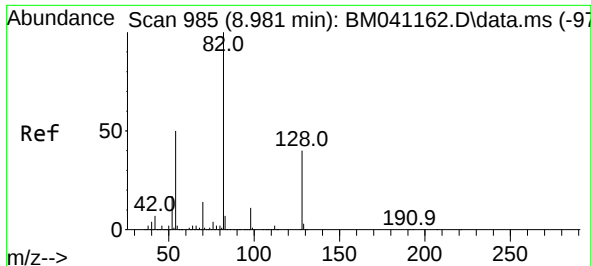
Tgt Ion: 99 Resp: 969047
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

Tgt Ion: 136 Resp: 565531
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.9 10.3
68 6.5 5.4 8.2

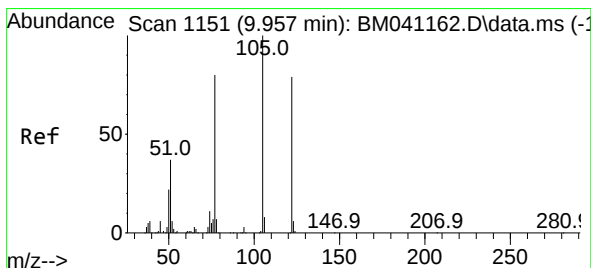
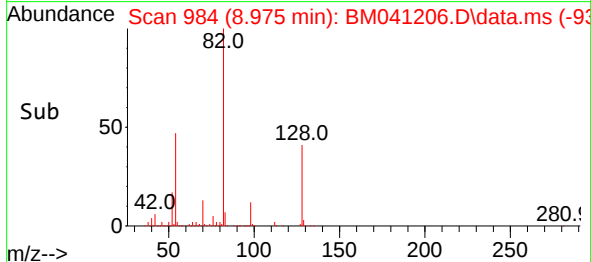
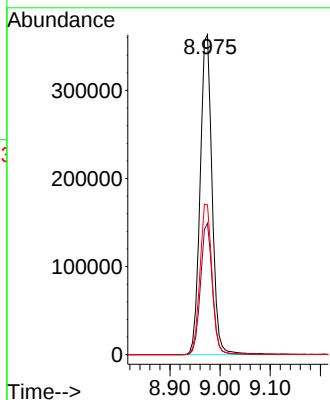
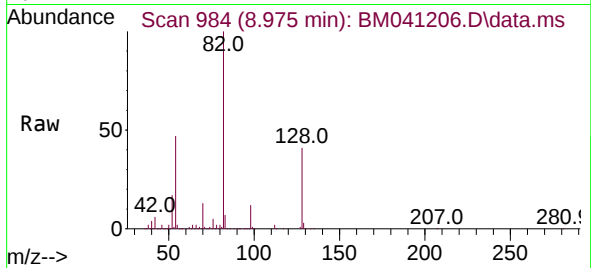




#23
Nitrobenzene-d5
Concen: 49.564 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

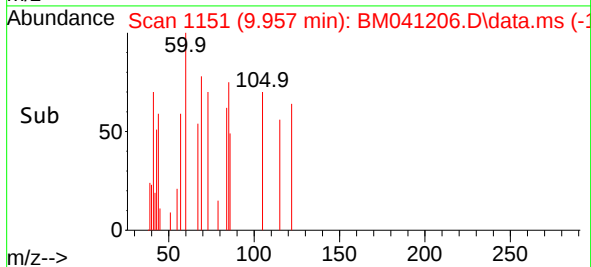
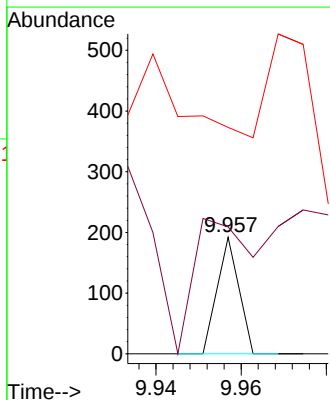
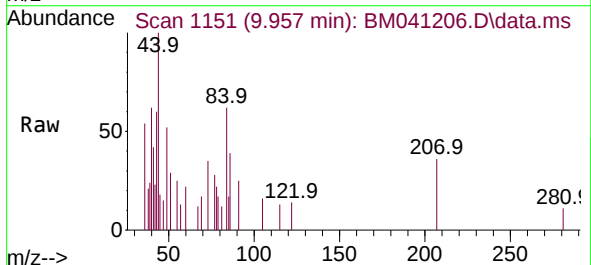
Instrument :
BNA_M
ClientSampleId :
B-P27A

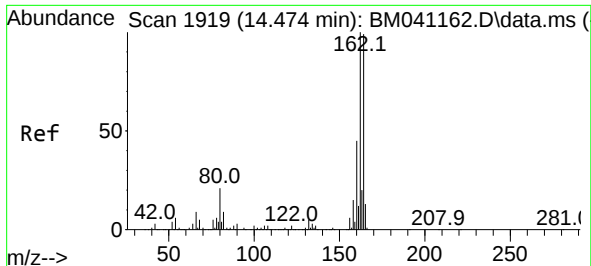
Tgt Ion: 82 Resp: 602731
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 46.8 40.1 60.1



#32
Benzoic acid
Concen: 7.164 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 108.9 104.0 144.0
77 194.3 79.9 119.9#

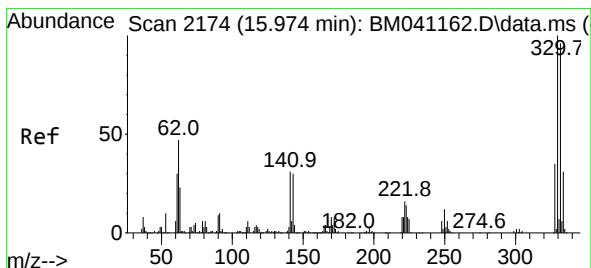
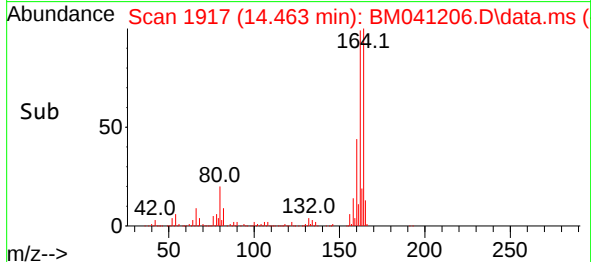
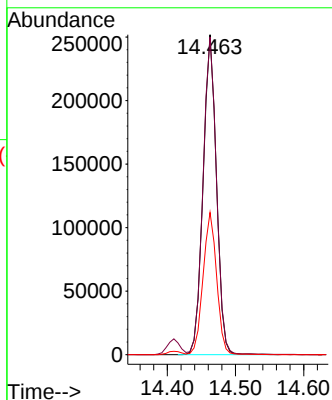
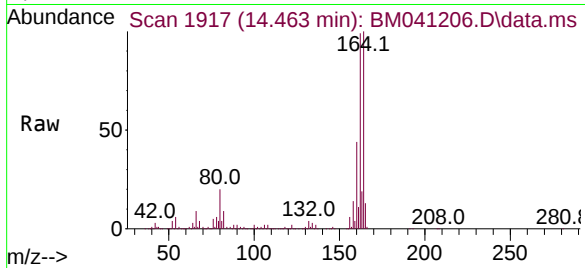




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

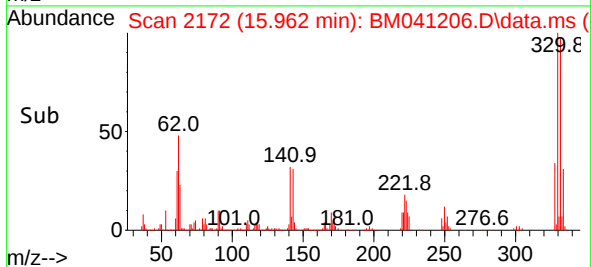
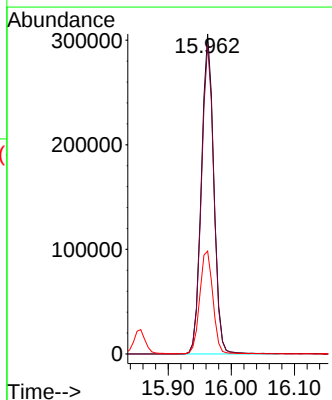
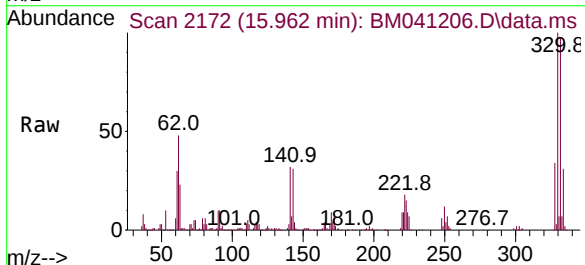
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BNA_M
ClientSampleId :
B-P27A

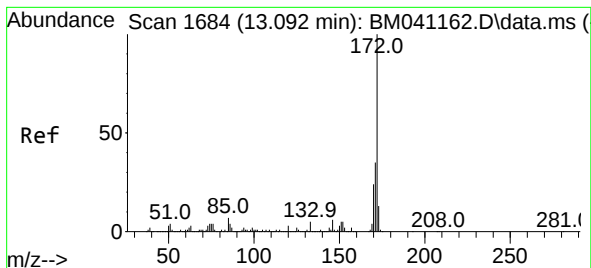
Tgt Ion:164 Resp: 343257
Ion Ratio Lower Upper
164 100
162 99.3 80.4 120.6
160 44.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 86.209 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

Tgt Ion:330 Resp: 418561
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 34.0 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 47.510 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041206.D

Acq: 01 Aug 2023 02:41

Instrument :

BNA_M

ClientSampleId :

B-P27A

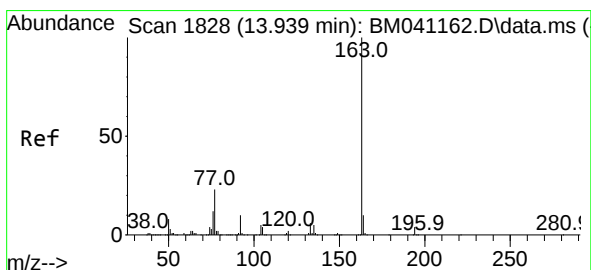
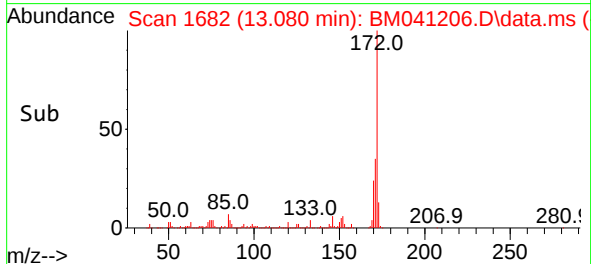
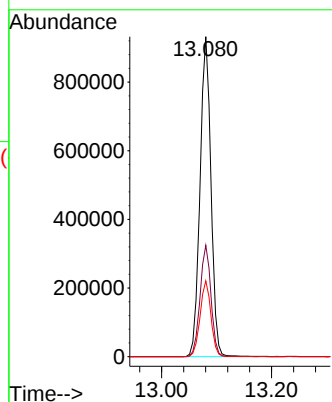
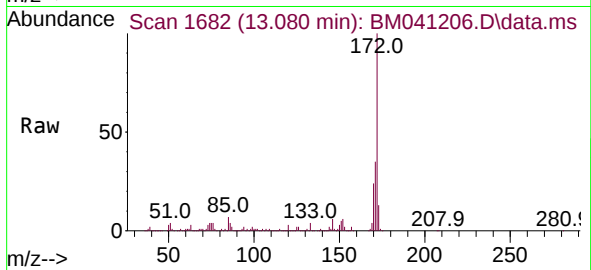
Tgt Ion:172 Resp: 1290964

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.7 18.9 28.3



#50

Dimethylphthalate

Concen: 3.110 ng

RT: 13.927 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM041206.D

Acq: 01 Aug 2023 02:41

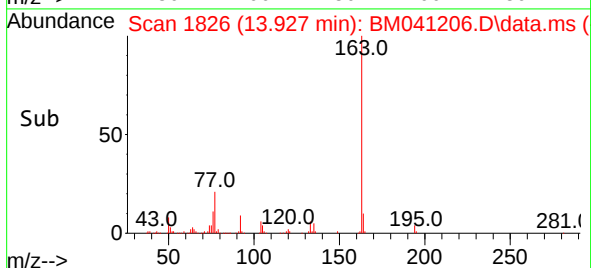
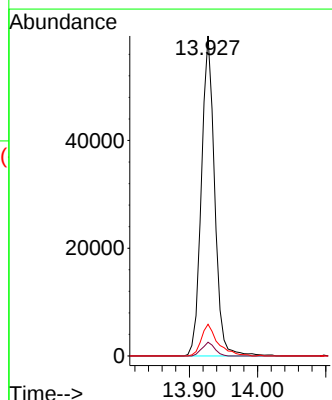
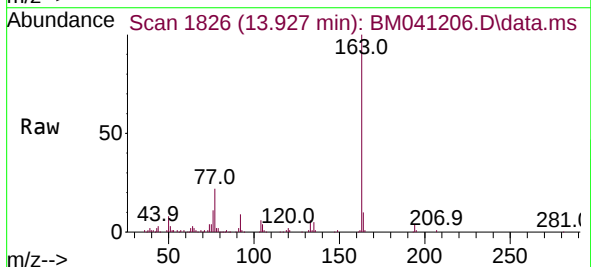
Tgt Ion:163 Resp: 80314

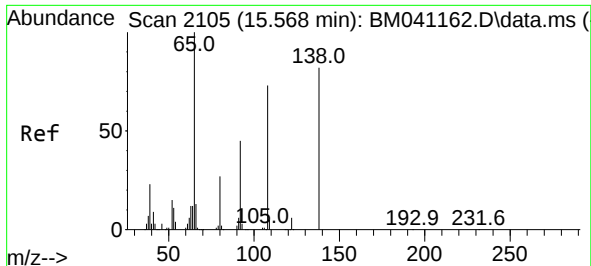
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.9 8.3 12.5

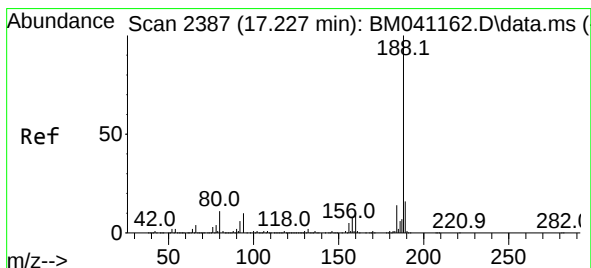
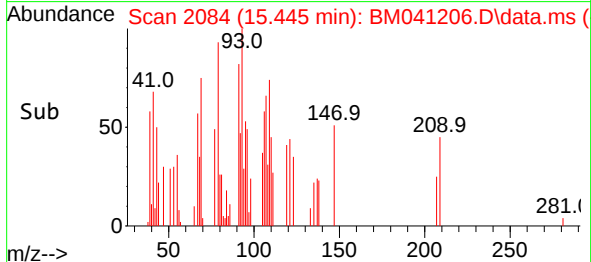
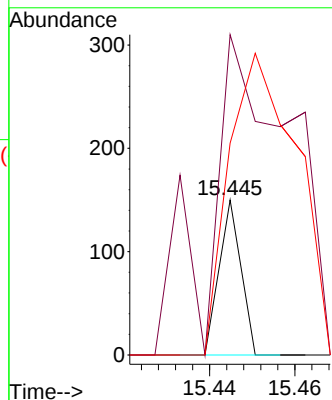
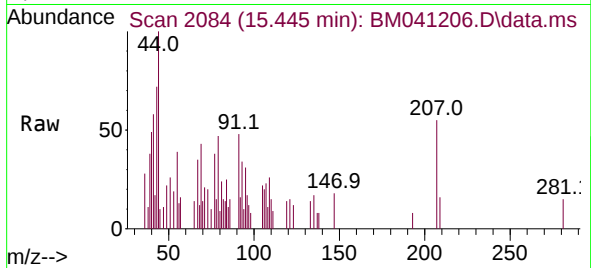




#62
4-Nitroaniline
Concen: 4.156 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.118 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

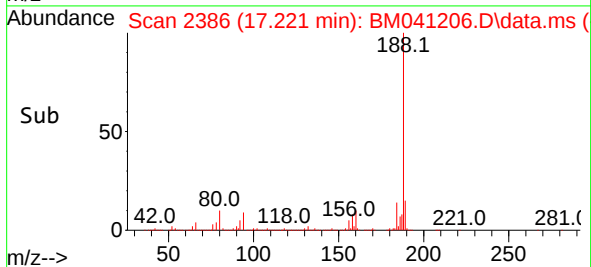
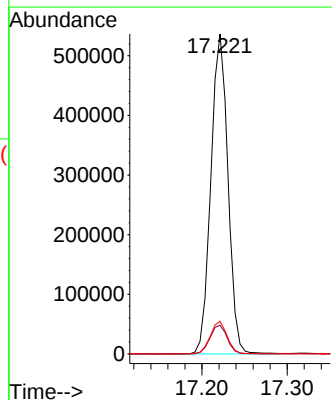
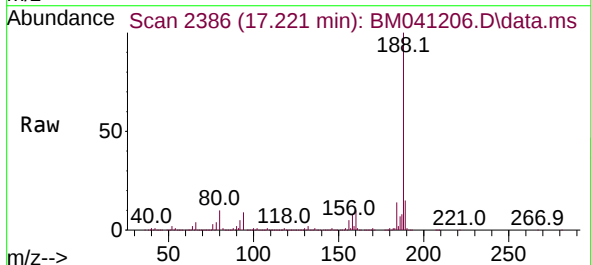
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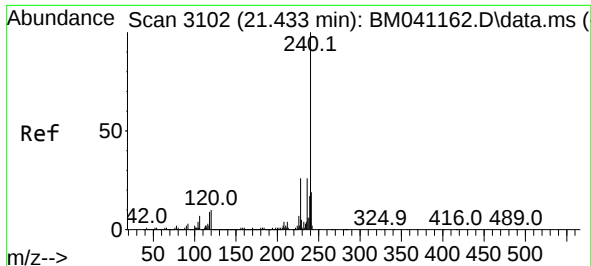
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 206.7 35.1 75.1#
108 136.7 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

Tgt Ion:188 Resp: 745729
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 10.2 8.6 13.0

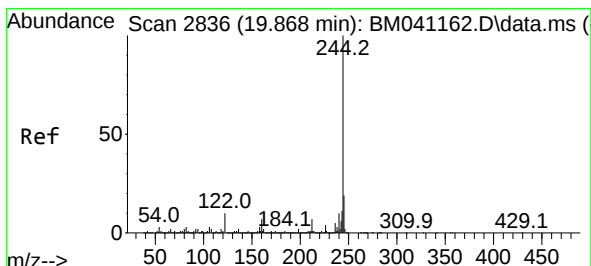
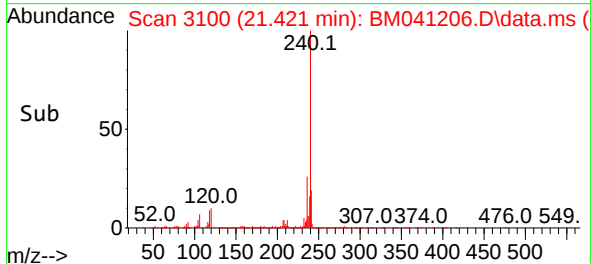
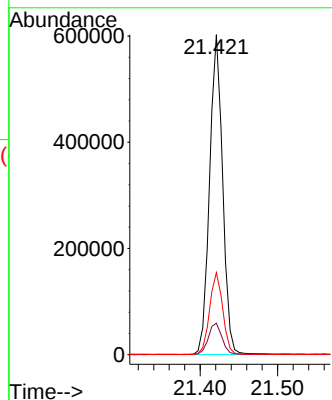
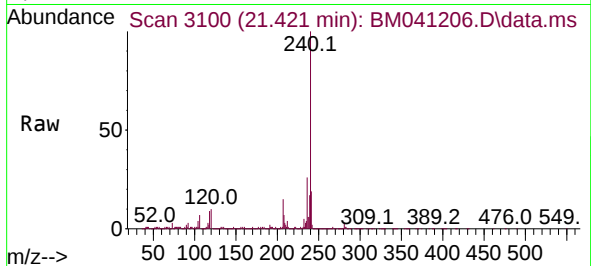




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

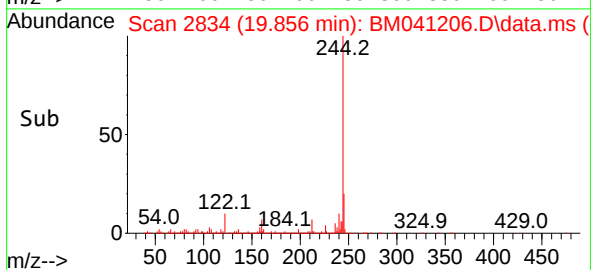
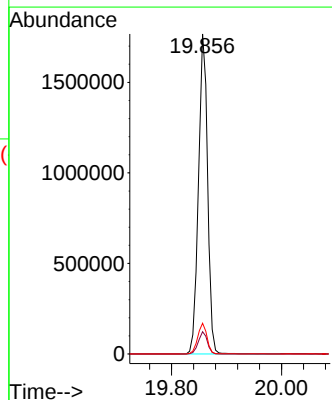
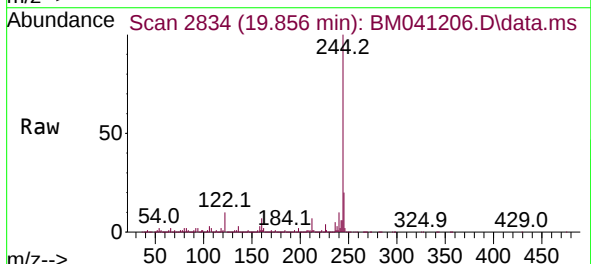
Instrument :
BNA_M
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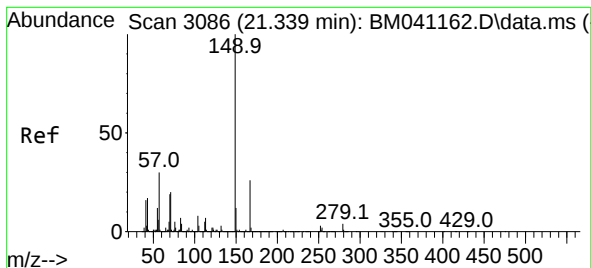
Tgt Ion:240 Resp: 704258
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 52.365 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041206.D
Acq: 01 Aug 2023 02:41

Tgt Ion:244 Resp: 2039667
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 9.6 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.944 ng

RT: 21.333 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041206.D

Acq: 01 Aug 2023 02:41

Instrument :

BNA_M

ClientSampleId :

B-P27A

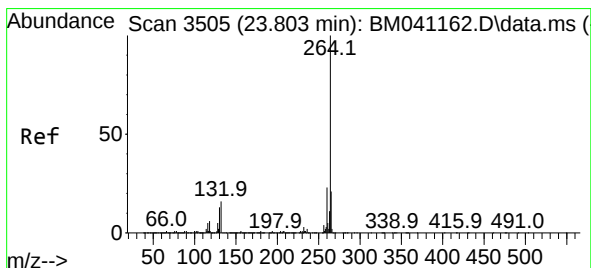
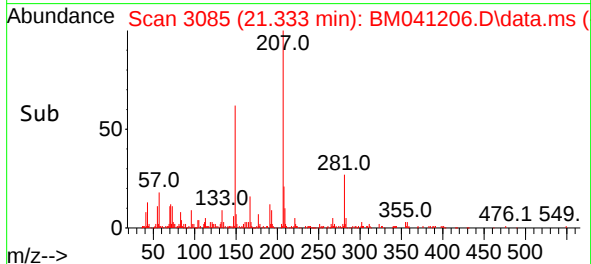
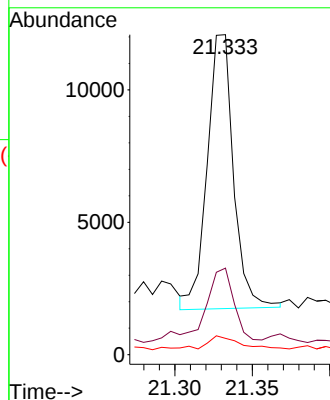
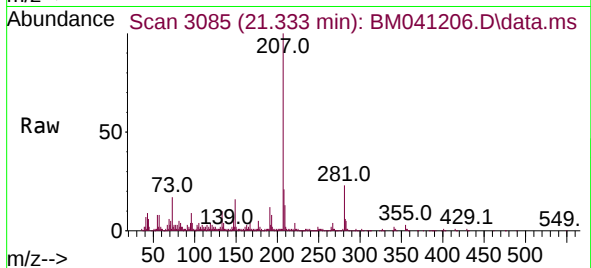
Tgt Ion:149 Resp: 12215

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 5.1 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.785 min Scan# 3502

Delta R.T. -0.012 min

Lab File: BM041206.D

Acq: 01 Aug 2023 02:41

Tgt Ion:264 Resp: 788910

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 22.5 17.4 26.0

