

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041205.D
 Acq On : 01 Aug 2023 02:05
 Operator : MA/JU
 Sample : 03741-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P24A

Quant Time: Aug 01 02:42:38 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)

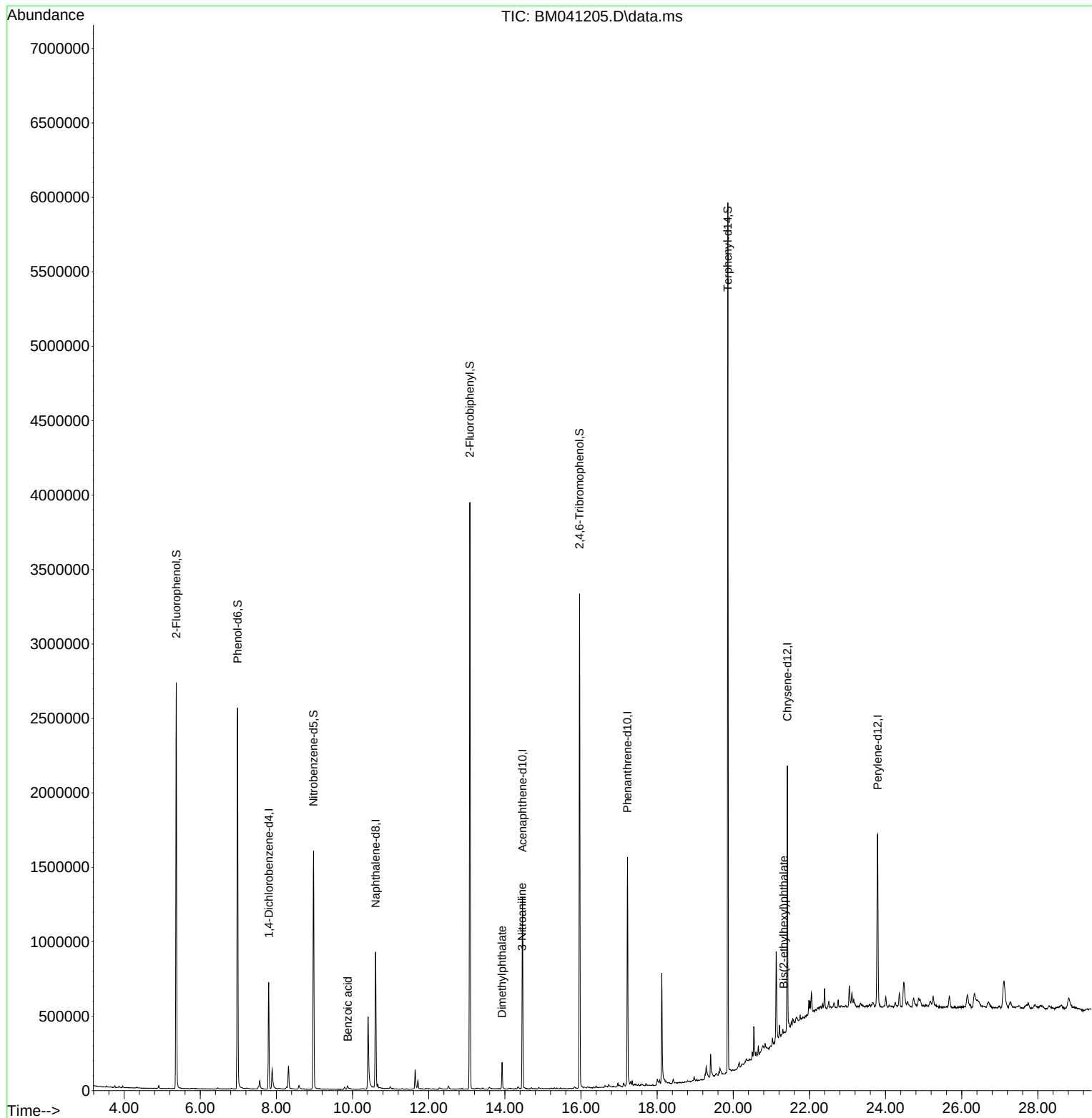
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	179169	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	712049	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	409657	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	856726	20.000	ng	0.00
76) Chrysene-d12	21.421	240	762081	20.000	ng	0.00
86) Perylene-d12	23.791	264	850060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1092187	91.108	ng	0.00
7) Phenol-d6	6.981	99	1417603	91.228	ng	0.00
23) Nitrobenzene-d5	8.975	82	905727	59.154	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	570635	98.481	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1880186	57.979	ng	0.00
79) Terphenyl-d14	19.856	244	2631168	62.425	ng	0.00
Target Compounds						
32) Benzoic acid	9.875	122	6990	7.899	ng	97
50) Dimethylphthalate	13.927	163	106181	3.446	ng	99
53) 3-Nitroaniline	14.451	138	56	2.585	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.327	149	3728	2.653	ng	# 97

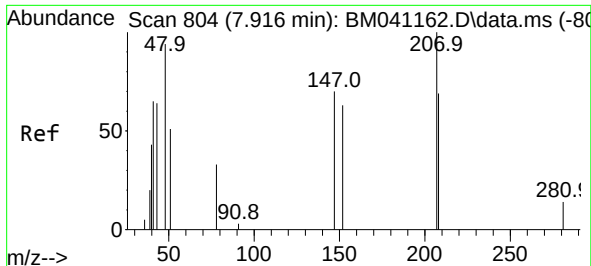
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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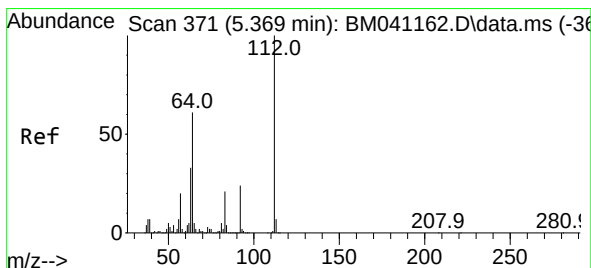
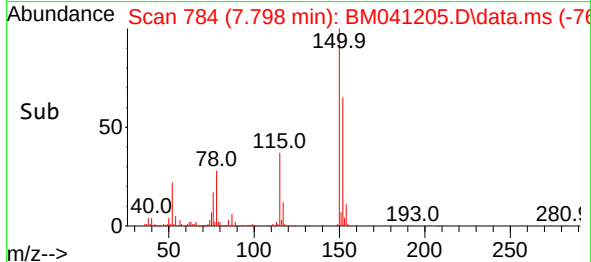
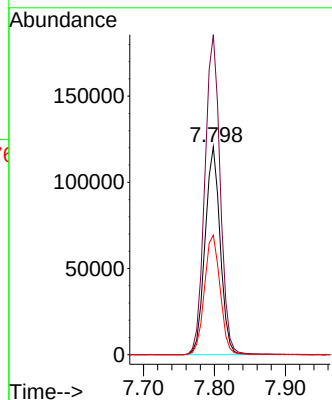
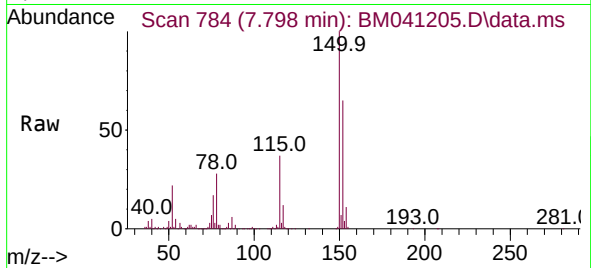




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

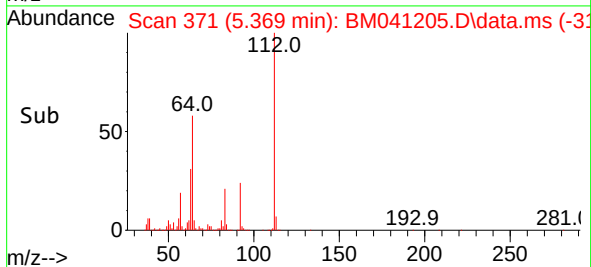
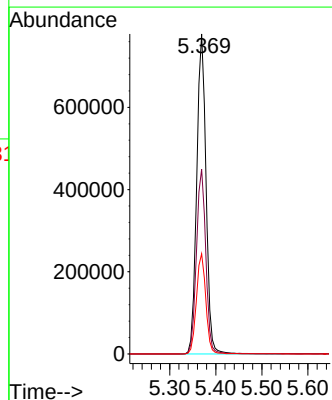
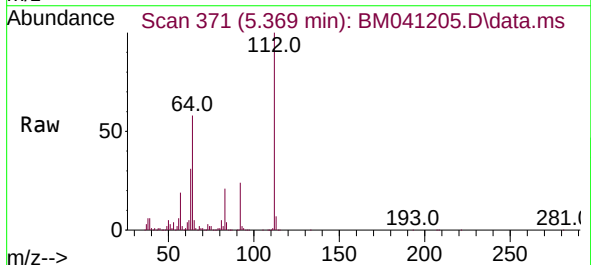
Instrument :
BNA_M
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B-P24A

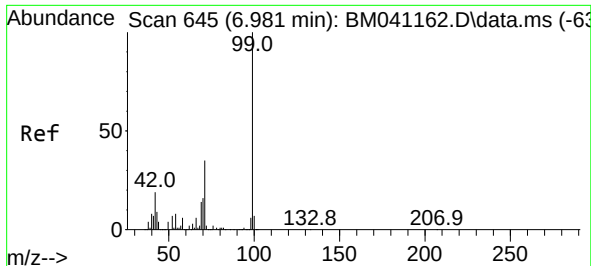
Tgt Ion:152 Resp: 179169
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 57.4 48.0 72.0



#5
2-Fluorophenol
Concen: 91.108 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

Tgt Ion:112 Resp: 1092187
Ion Ratio Lower Upper
112 100
64 57.8 48.5 72.7
63 31.3 26.5 39.7

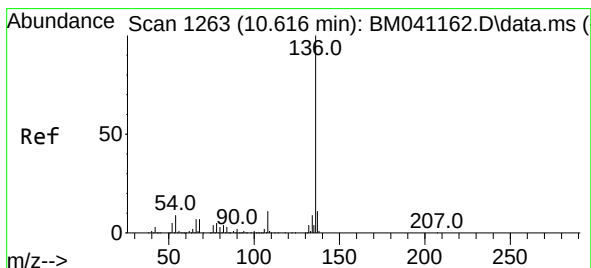
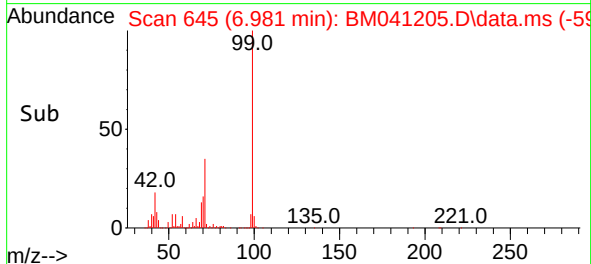
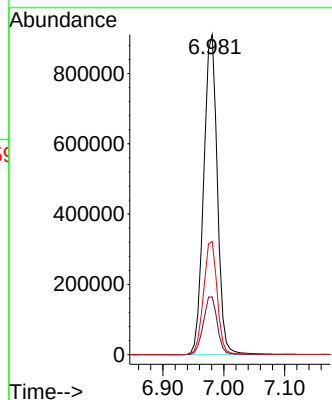
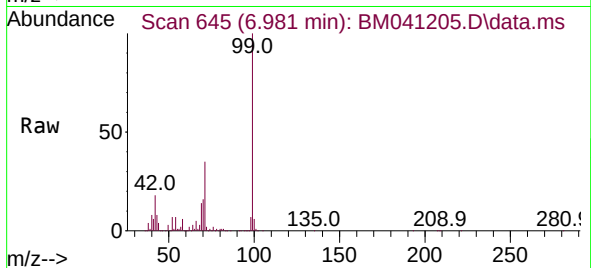




#7
Phenol-d6
Concen: 91.228 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

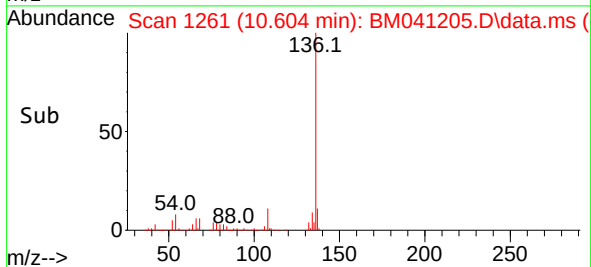
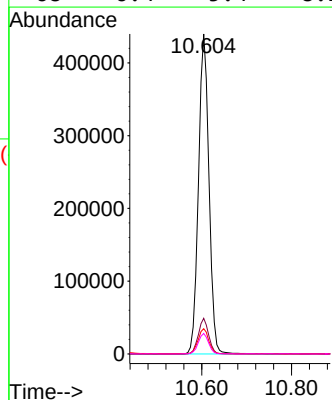
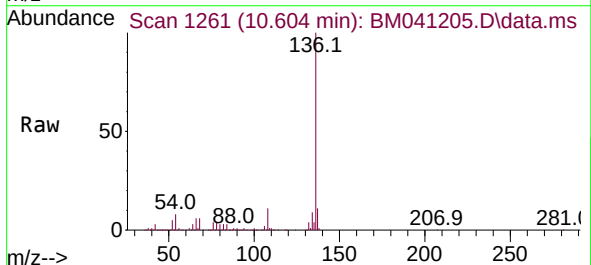
Instrument :
BNA_M
ClientSampleId :
B-P24A

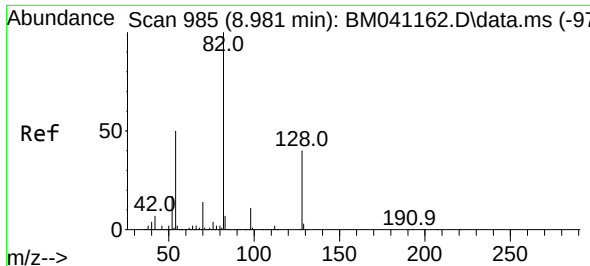
Tgt Ion: 99 Resp: 1417603
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

Tgt Ion: 136 Resp: 712049
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 6.9 10.3
68 6.4 5.4 8.2

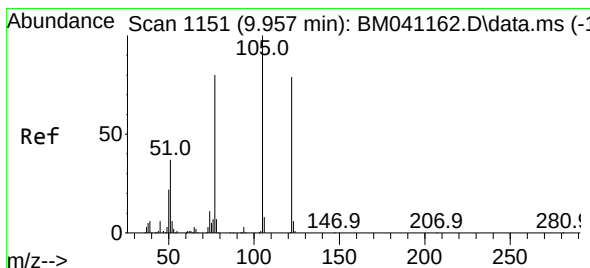
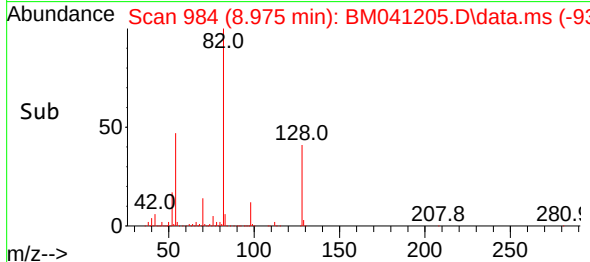
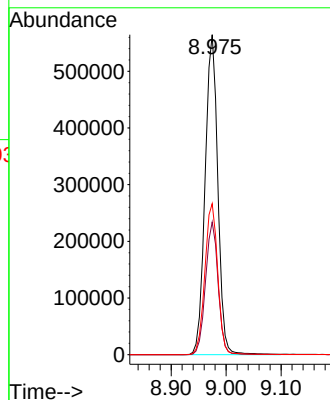
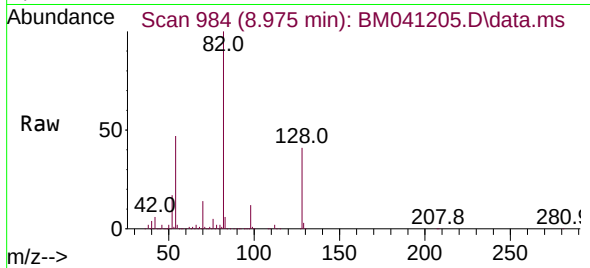




#23
Nitrobenzene-d5
Concen: 59.154 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

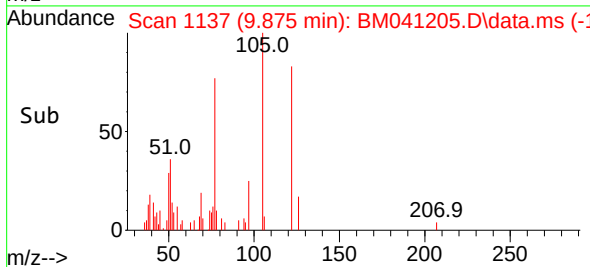
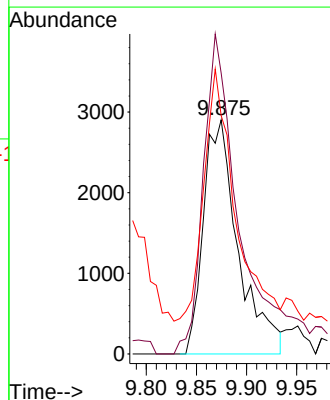
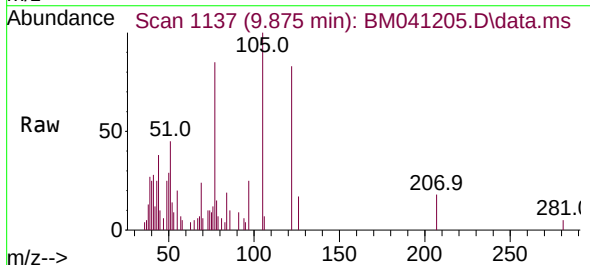
Instrument :
BNA_M
ClientSampleId :
B-P24A

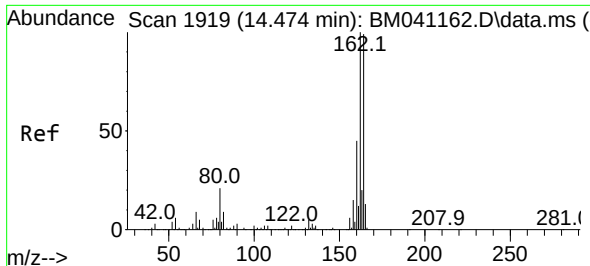
Tgt Ion: 82 Resp: 905727
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 47.2 40.1 60.1



#32
Benzoic acid
Concen: 7.899 ng
RT: 9.875 min Scan# 1137
Delta R.T. -0.071 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

Tgt Ion: 122 Resp: 6990
Ion Ratio Lower Upper
122 100
105 120.0 104.0 144.0
77 101.8 79.9 119.9

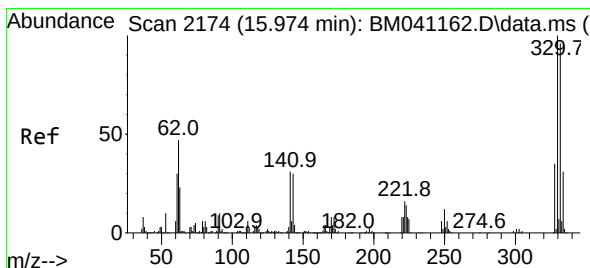
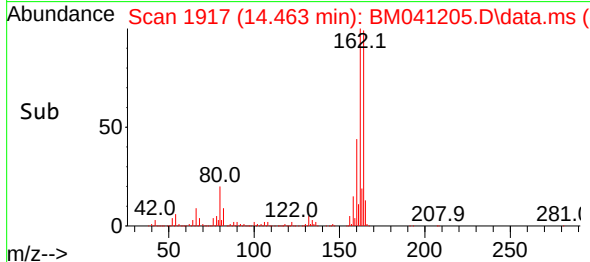
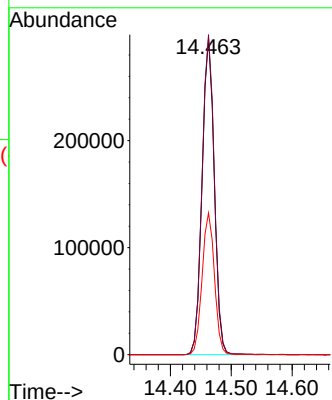
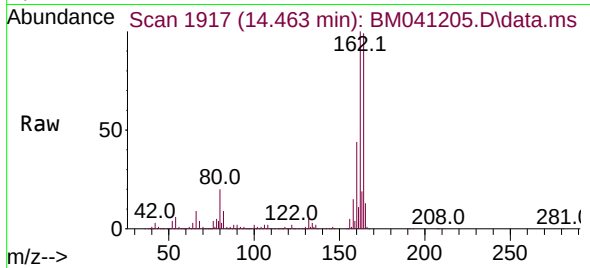




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

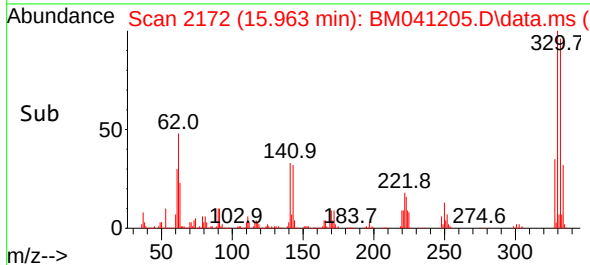
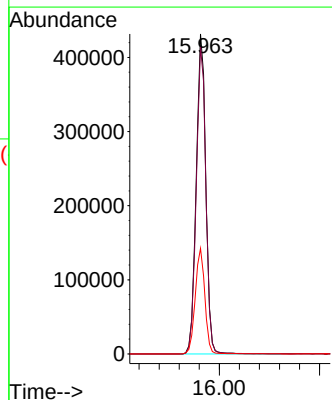
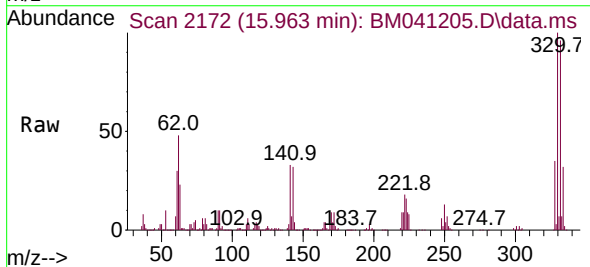
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ClientSampleId :
B-P24A

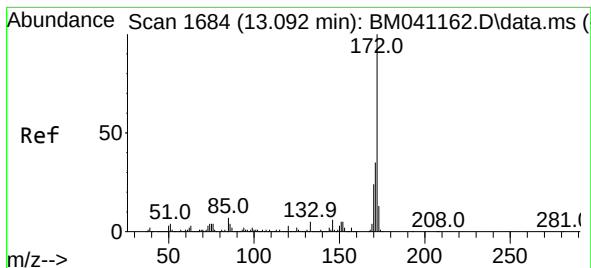
Tgt Ion:164 Resp: 409657
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 44.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 98.481 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

Tgt Ion:330 Resp: 570635
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 33.1 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 57.979 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041205.D

Acq: 01 Aug 2023 02:05

Instrument :

BNA_M

ClientSampleId :

B-P24A

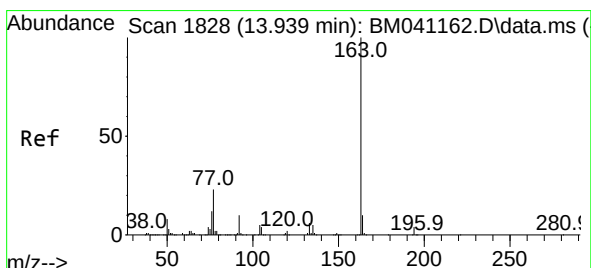
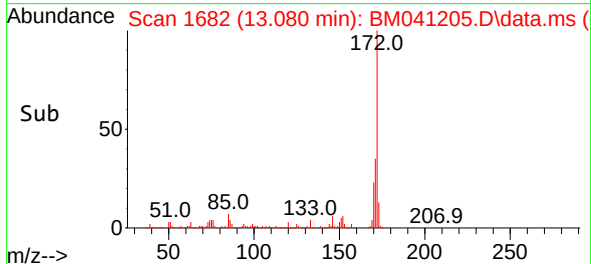
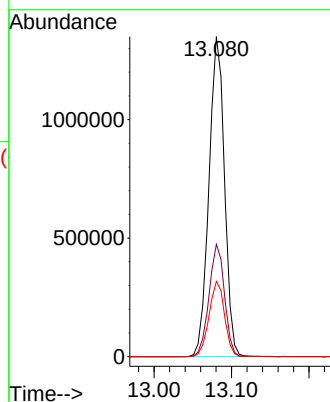
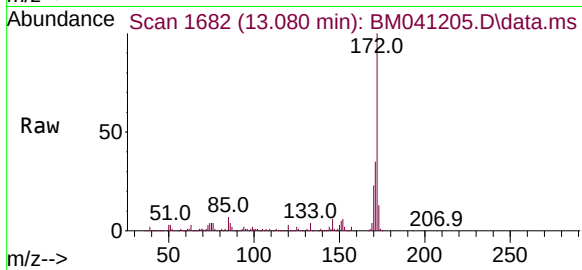
Tgt Ion:172 Resp: 1880186

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.5 18.9 28.3



#50

Dimethylphthalate

Concen: 3.446 ng

RT: 13.927 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM041205.D

Acq: 01 Aug 2023 02:05

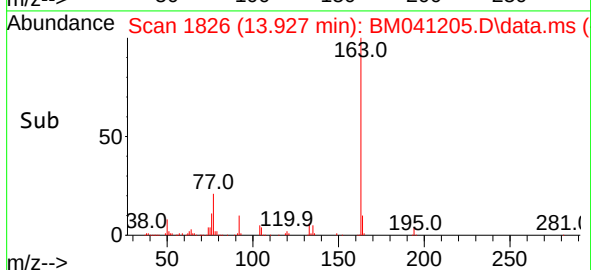
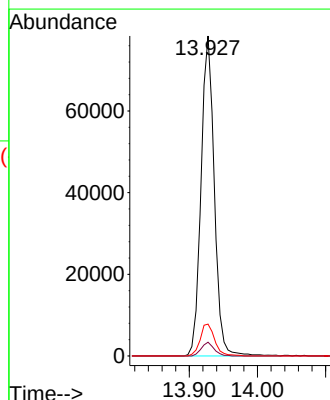
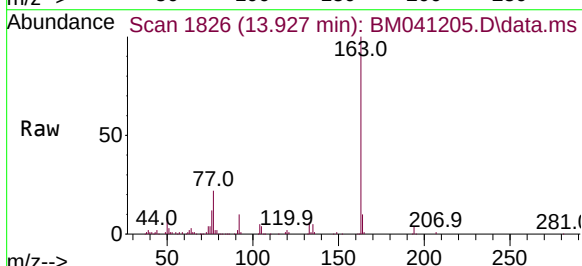
Tgt Ion:163 Resp: 106181

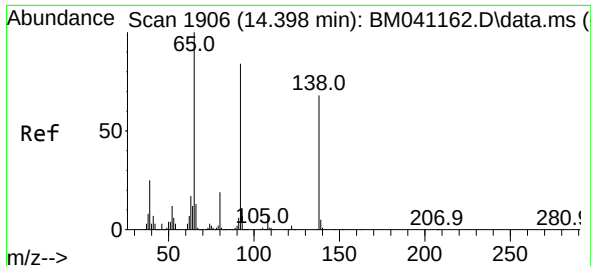
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.9 8.3 12.5

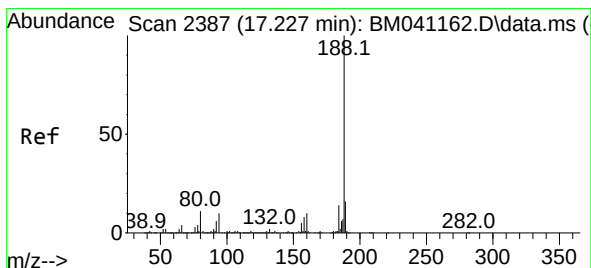
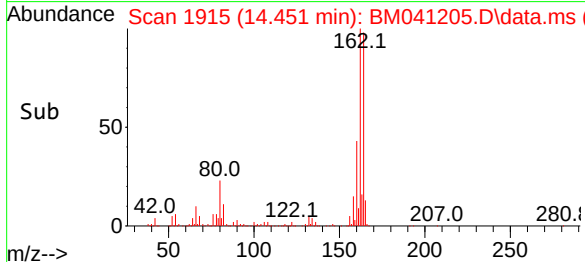
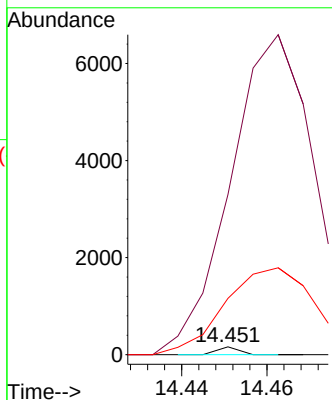
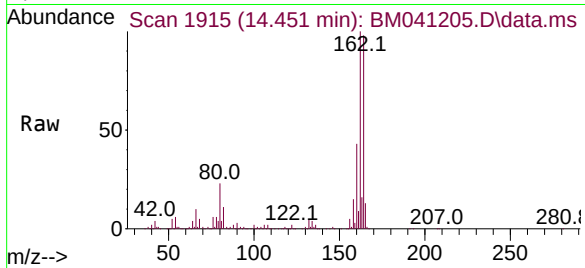




#53
3-Nitroaniline
Concen: 2.585 ng
RT: 14.451 min Scan# 1906
Delta R.T. 0.059 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

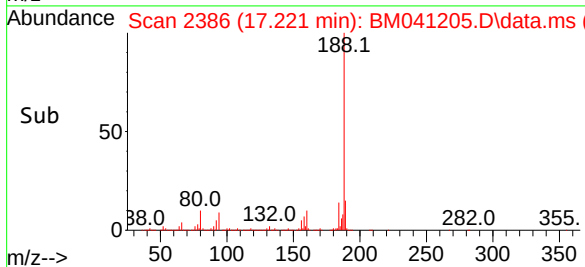
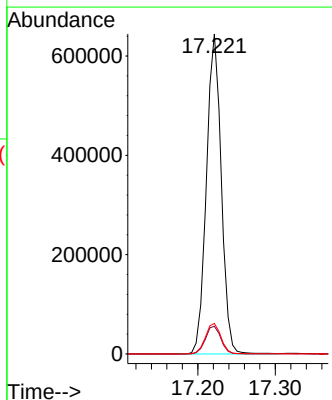
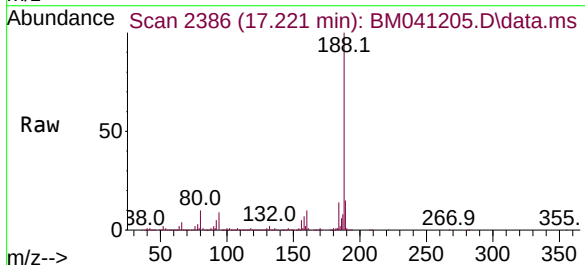
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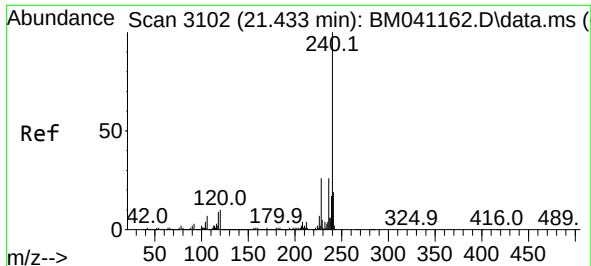
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 2063.1 7.6 11.4#
92 726.3 98.9 148.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

Tgt Ion:188 Resp: 856726
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.6 8.6 13.0

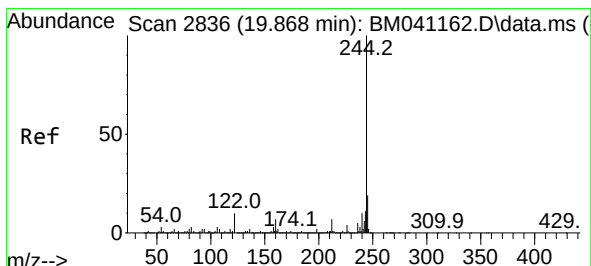
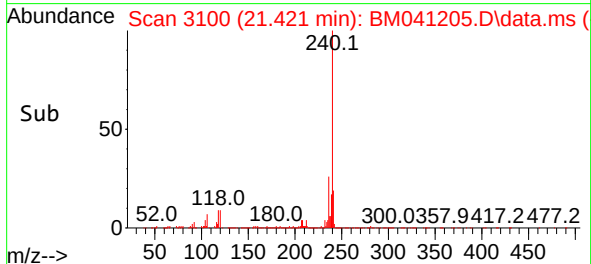
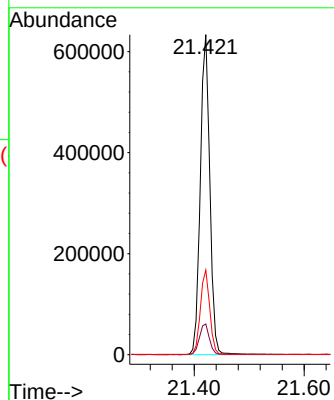
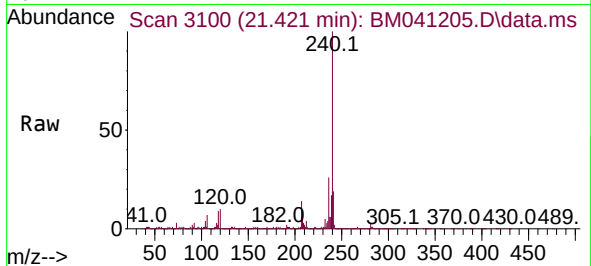




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

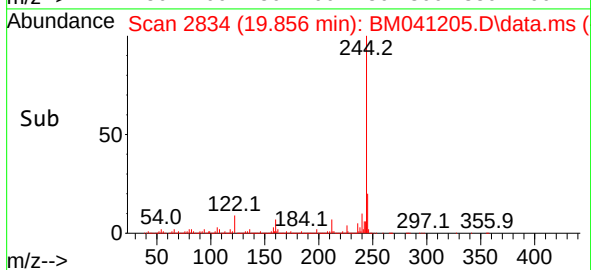
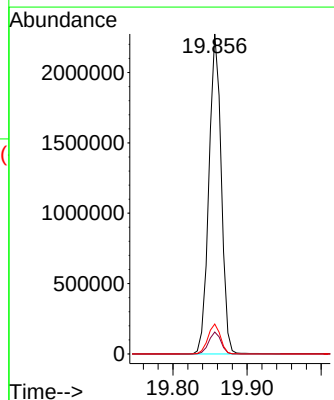
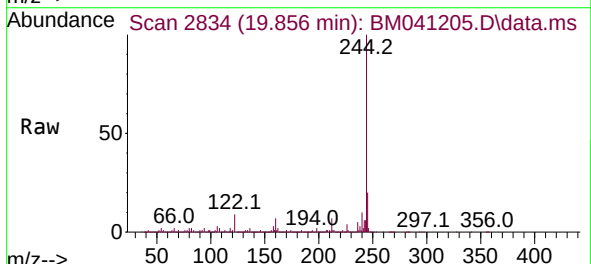
Instrument :
BNA_M
ClientSampleId :
B-P24A

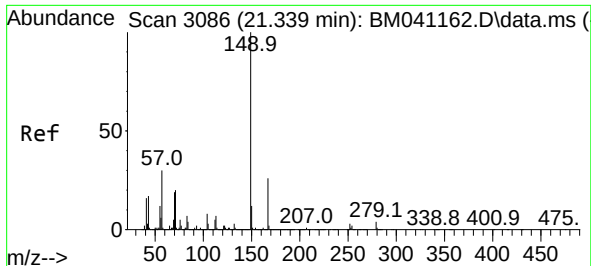
Tgt Ion:240 Resp: 762081
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 62.425 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041205.D
Acq: 01 Aug 2023 02:05

Tgt Ion:244 Resp: 2631168
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 9.3 7.8 11.6

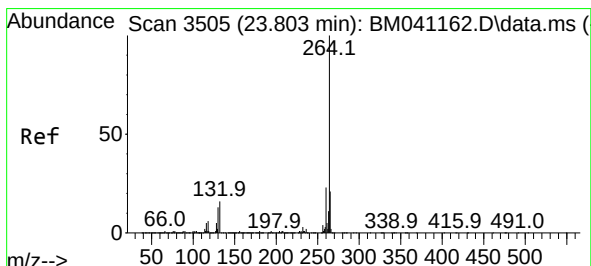
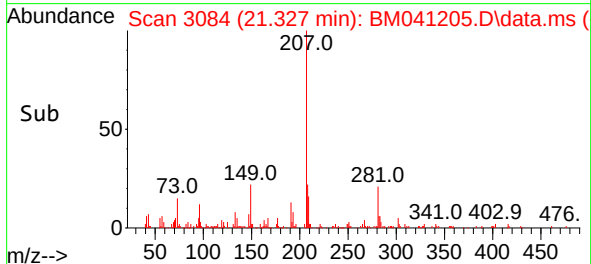
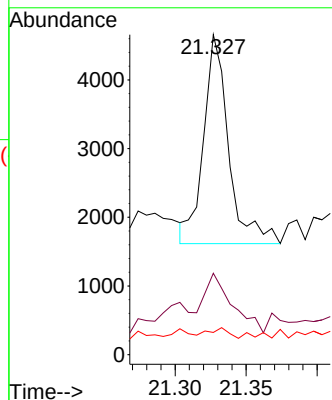
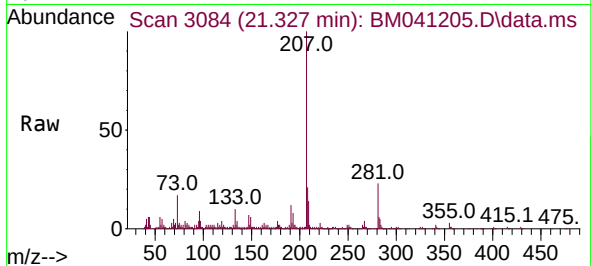




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.653 ng
 RT: 21.327 min Scan# 3084
 Delta R.T. -0.012 min
 Lab File: BM041205.D
 Acq: 01 Aug 2023 02:05

Instrument :
 BNA_M
 ClientSampleId :
 B-P24A

Tgt Ion:149 Resp: 3728
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.0 31.6
 279 7.0 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 3503
 Delta R.T. -0.006 min
 Lab File: BM041205.D
 Acq: 01 Aug 2023 02:05

Tgt Ion:264 Resp: 850060
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.7 17.4 26.0

