

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041247.D
 Acq On : 02 Aug 2023 16:30
 Operator : MA/JU
 Sample : 03810-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P1A

Quant Time: Aug 03 03:08:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

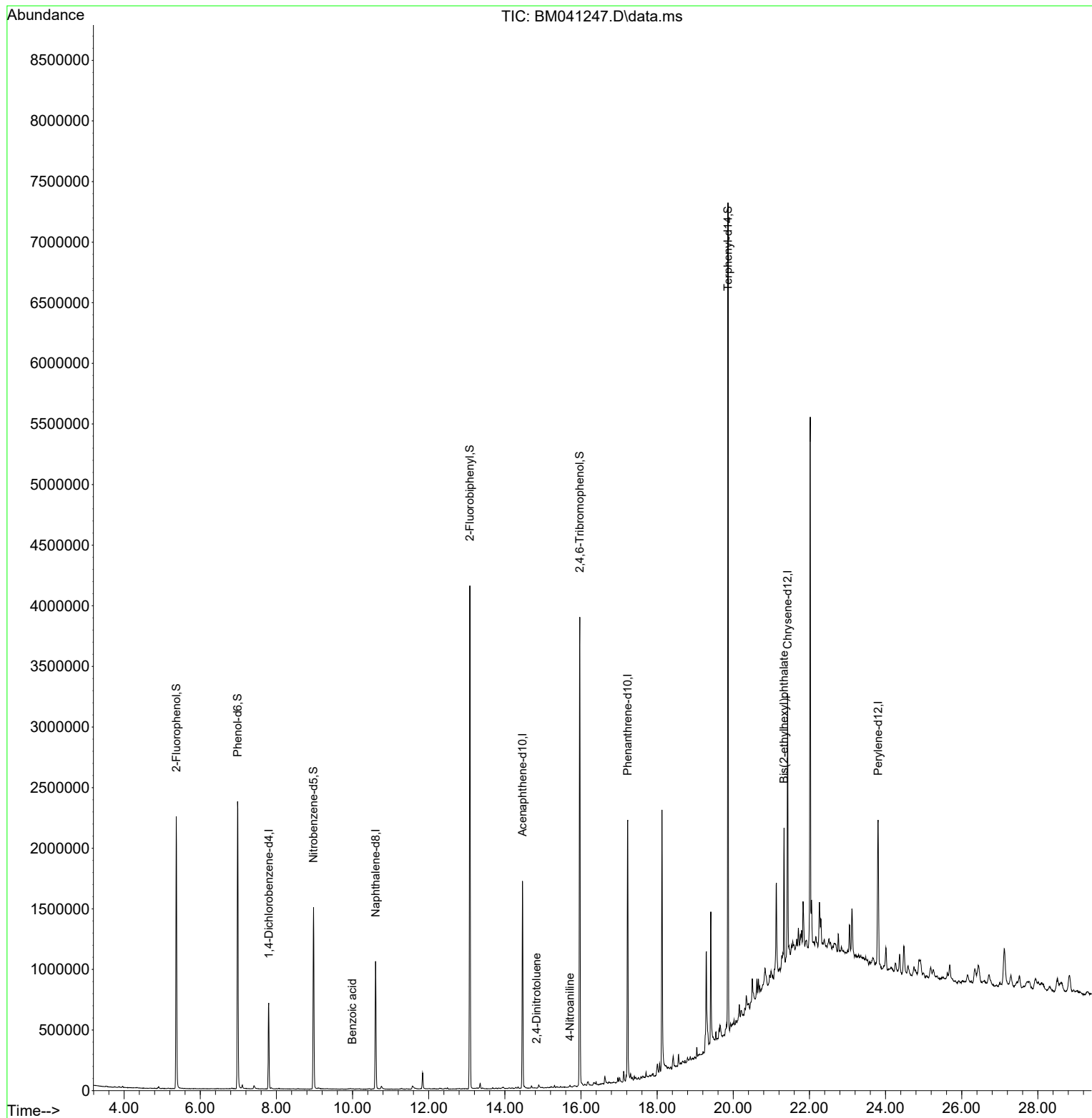
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	184236	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	816849	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	554125	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1294063	20.000	ng	0.00
76) Chrysene-d12	21.427	240	908275	20.000	ng	0.00
86) Perylene-d12	23.803	264	932158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	943561	76.545	ng	0.00
7) Phenol-d6	6.981	99	1338280	83.754	ng	0.00
23) Nitrobenzene-d5	8.975	82	851858	48.498	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	729117	93.026	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2016238	45.965	ng	0.00
79) Terphenyl-d14	19.862	244	3198511	63.671	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.992	122	125	7.167	ng	# 1
57) 2,4-Dinitrotoluene	14.833	165	72	2.676	ng	# 28
62) 4-Nitroaniline	15.710	138	57	4.153	ng	# 52
84) Bis(2-ethylhexyl)phtha...	21.333	149	355293	11.674	ng	# 96

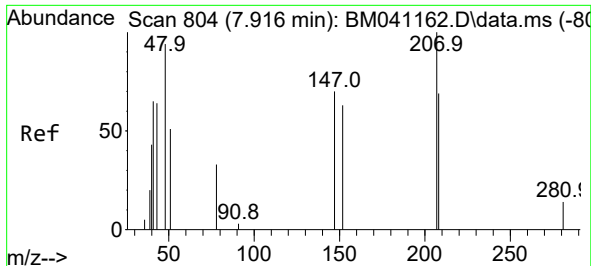
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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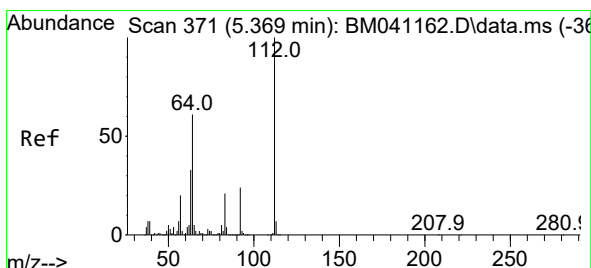
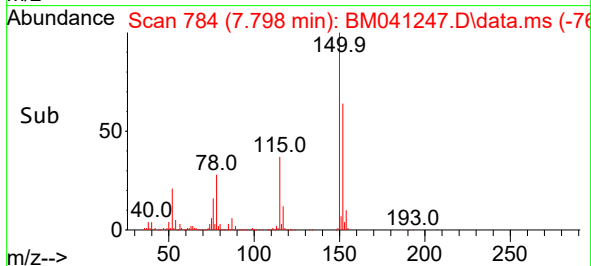
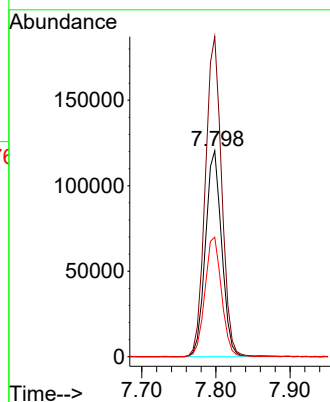
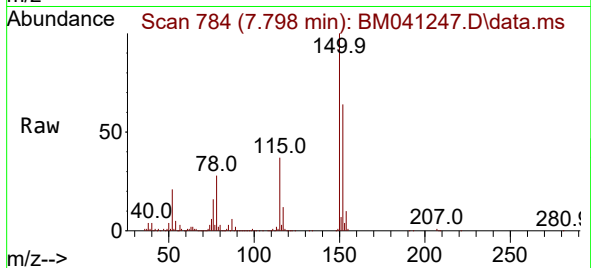




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

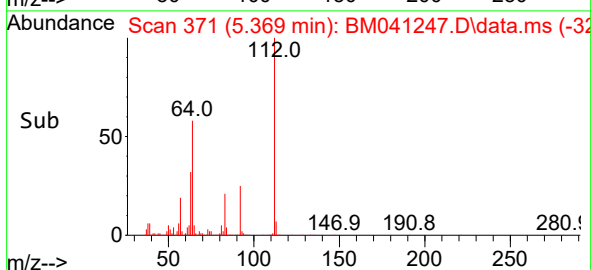
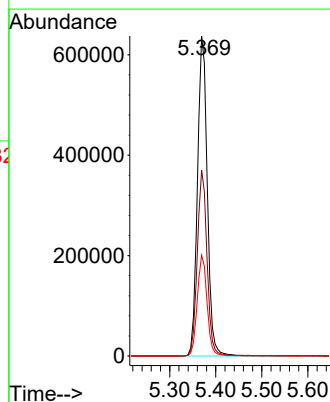
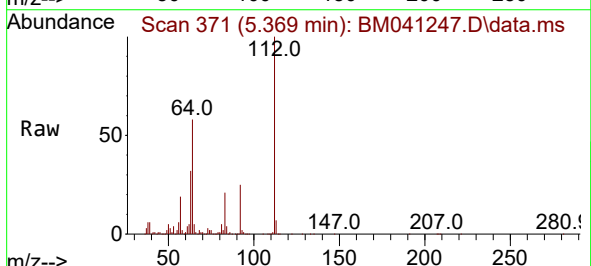
Instrument :
BNA_M
ClientSampleId :
B-P1A

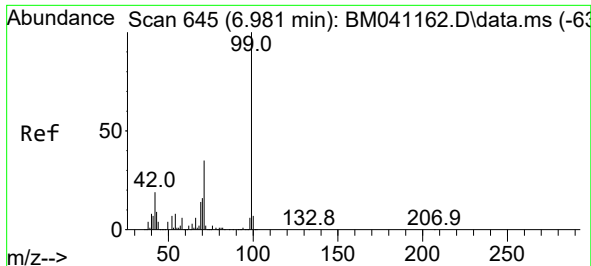
Tgt Ion:152 Resp: 184236
Ion Ratio Lower Upper
152 100
150 155.4 125.5 188.3
115 58.1 48.0 72.0



#5
2-Fluorophenol
Concen: 76.545 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion:112 Resp: 943561
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 31.5 26.5 39.7

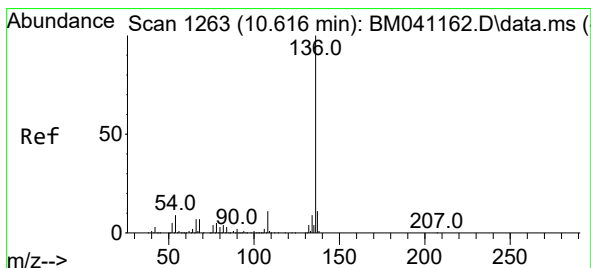
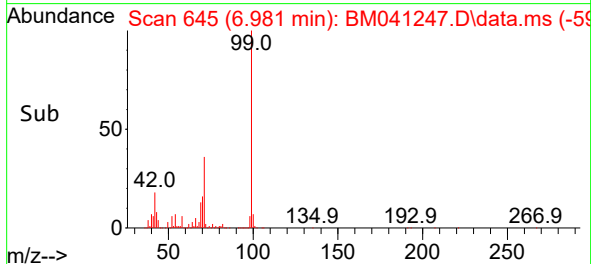
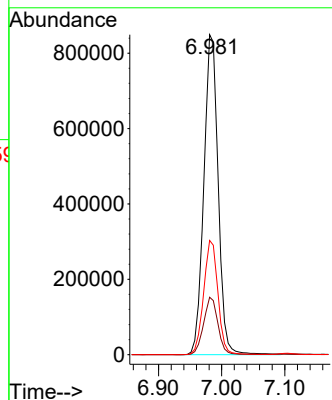
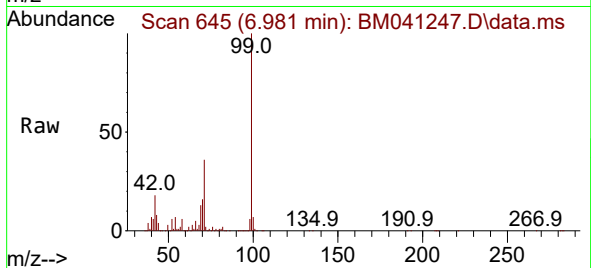




#7
Phenol-d6
Concen: 83.754 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

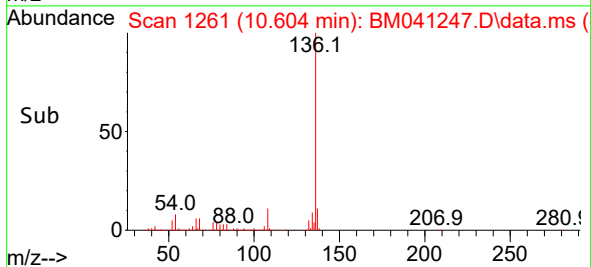
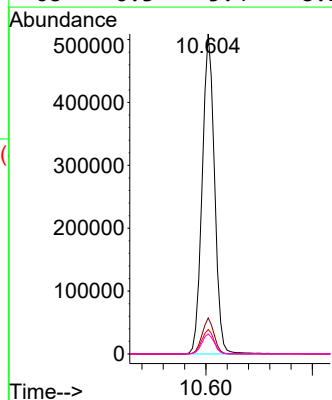
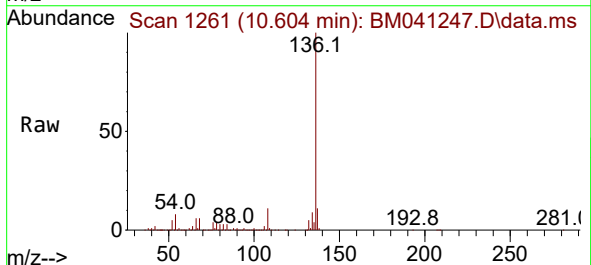
Instrument :
BNA_M
ClientSampleId :
B-P1A

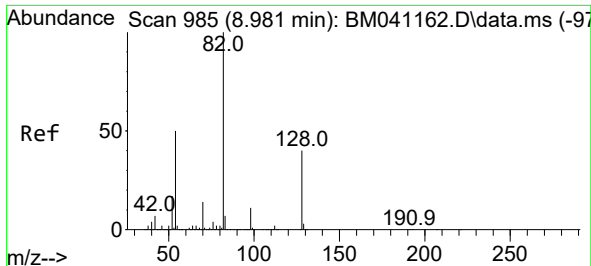
Tgt Ion: 99 Resp: 1338280
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 35.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion: 136 Resp: 816849
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.7 6.9 10.3
68 6.3 5.4 8.2

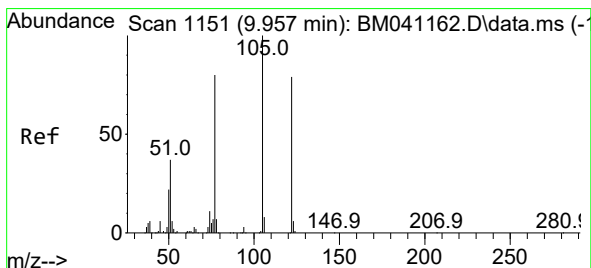
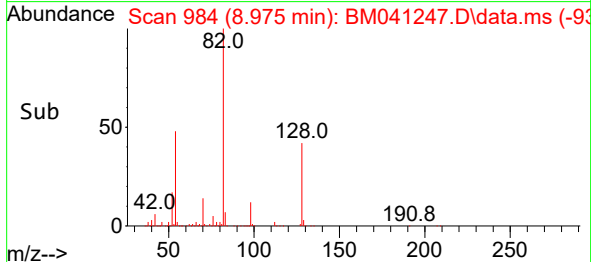
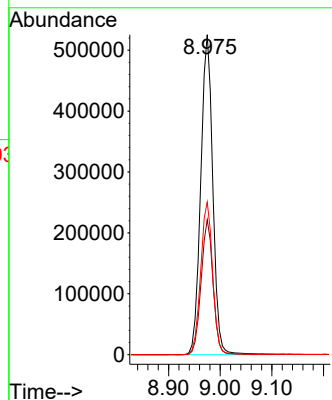
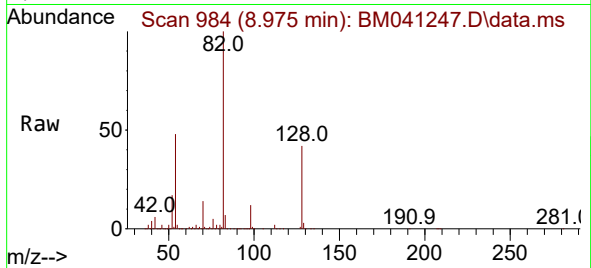




#23
Nitrobenzene-d5
Concen: 48.498 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

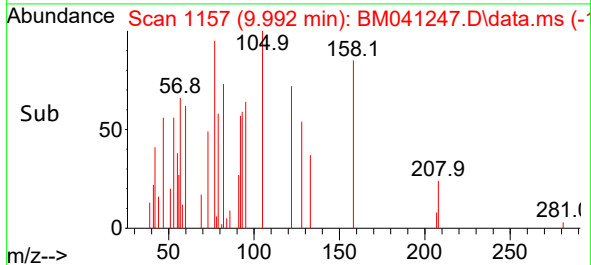
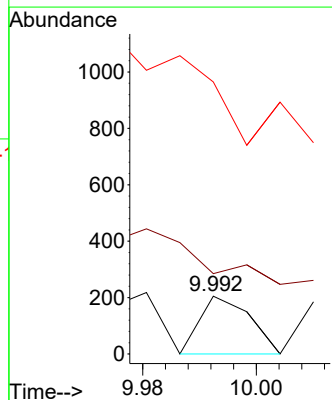
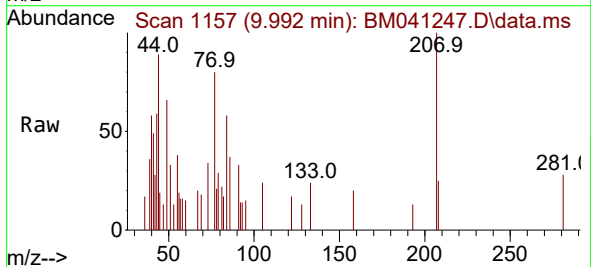
Instrument :
BNA_M
ClientSampleId :
B-P1A

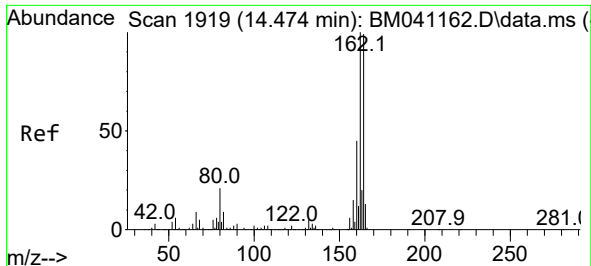
Tgt Ion: 82 Resp: 851858
Ion Ratio Lower Upper
82 100
128 42.2 31.8 47.6
54 47.7 40.1 60.1



#32
Benzoic acid
Concen: 7.167 ng
RT: 9.992 min Scan# 1157
Delta R.T. 0.035 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion: 122 Resp: 125
Ion Ratio Lower Upper
122 100
105 139.0 104.0 144.0
77 470.7 79.9 119.9#

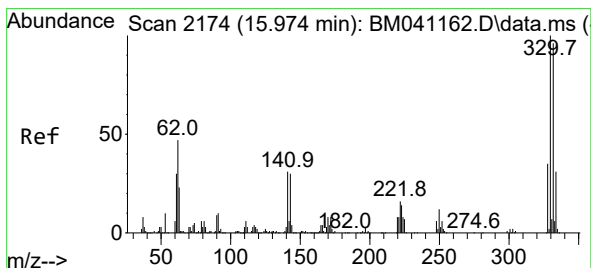
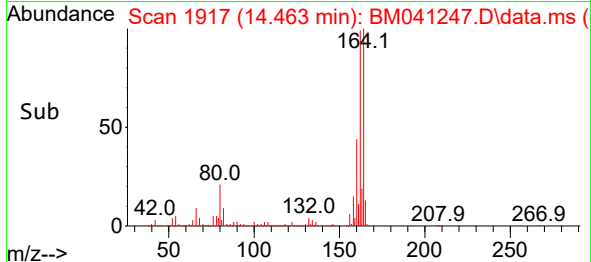
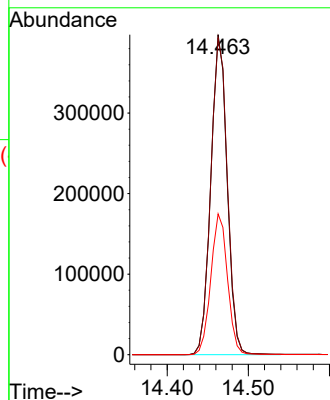
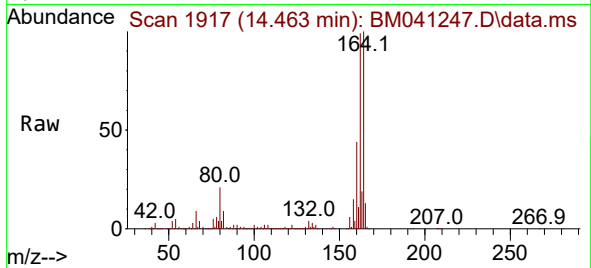




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

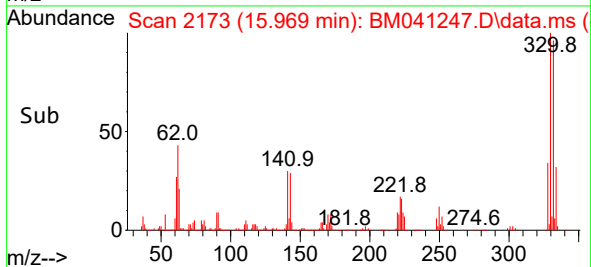
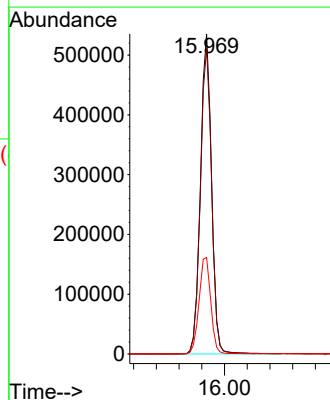
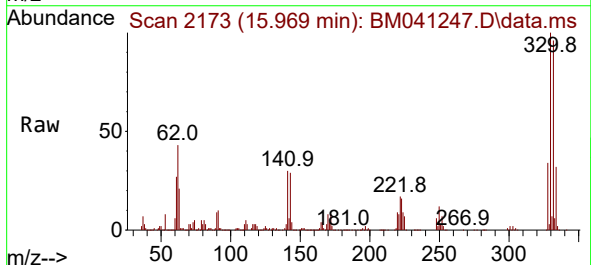
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ClientSampleId :
B-P1A

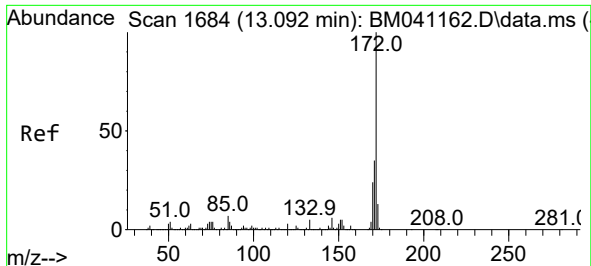
Tgt Ion:164 Resp: 554125
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 44.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 93.026 ng
RT: 15.969 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion:330 Resp: 729117
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 32.1 28.3 42.5

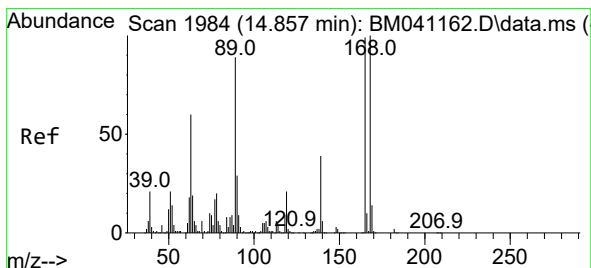
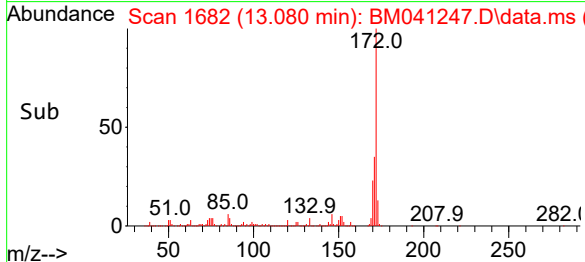
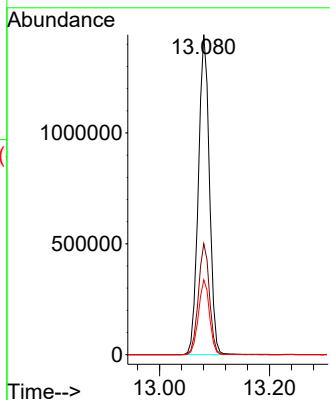
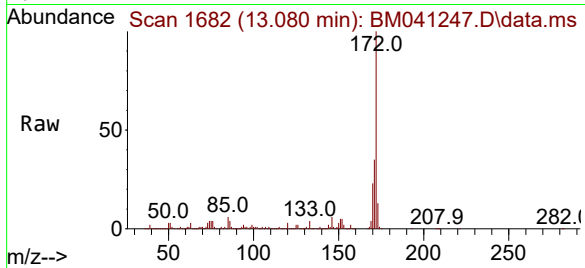




#45
2-Fluorobiphenyl
Concen: 45.965 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

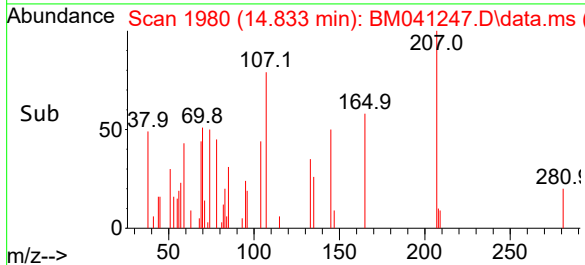
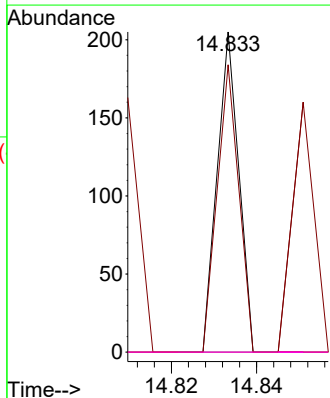
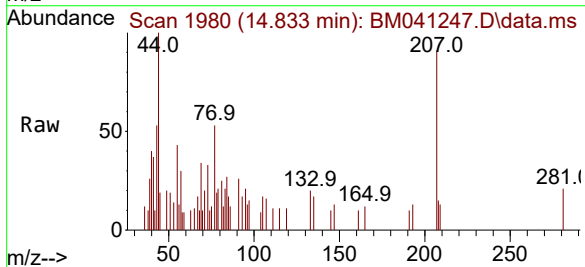
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B-P1A

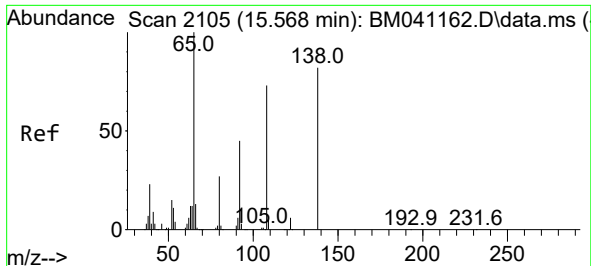
Tgt Ion:172 Resp: 2016238
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.676 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.024 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion:165 Resp: 72
Ion Ratio Lower Upper
165 100
63 89.8 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#

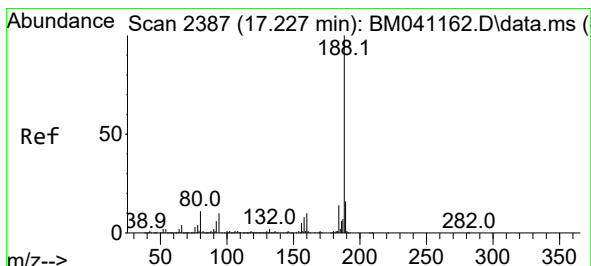
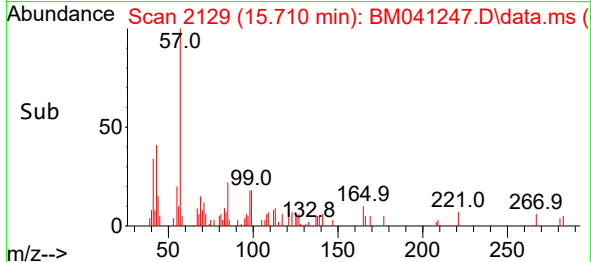
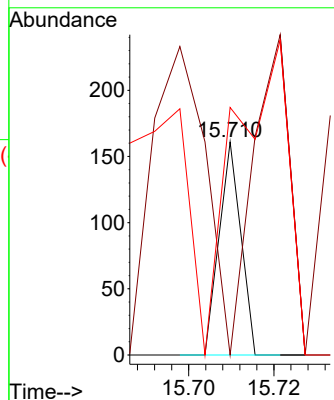
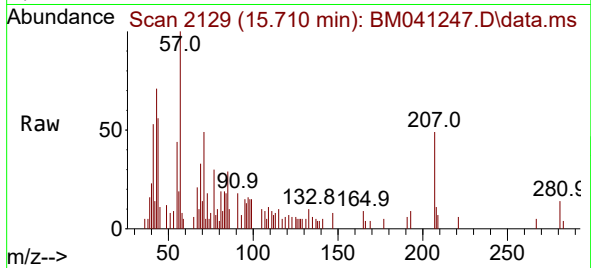




#62
4-Nitroaniline
Concen: 4.153 ng
RT: 15.710 min Scan# 2105
Delta R.T. 0.147 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

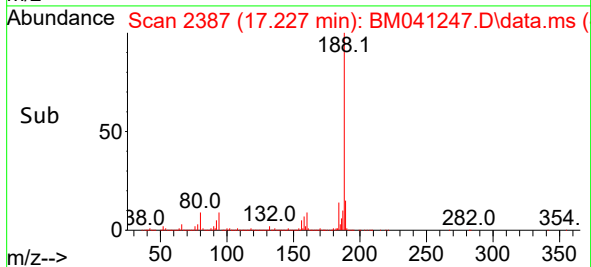
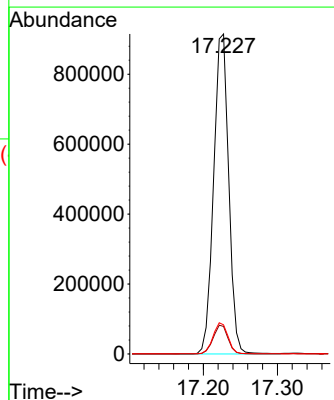
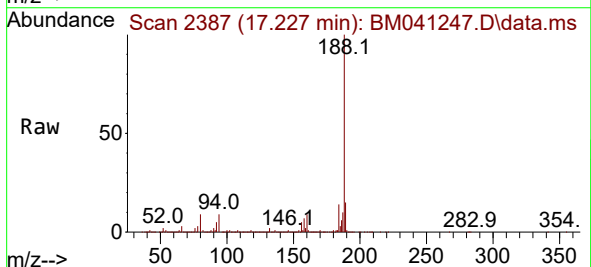
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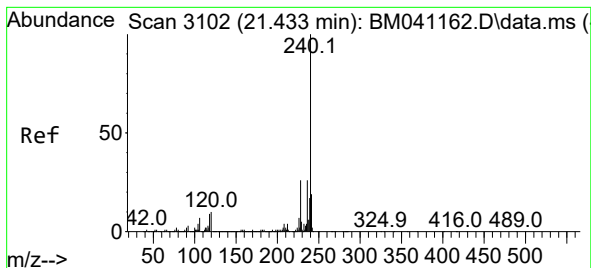
Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
92 0.0 35.1 75.1#
108 116.1 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion:188 Resp: 1294063
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.1 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM041247.D

Acq: 02 Aug 2023 16:30

Instrument :

BNA_M

ClientSampleId :

B-P1A

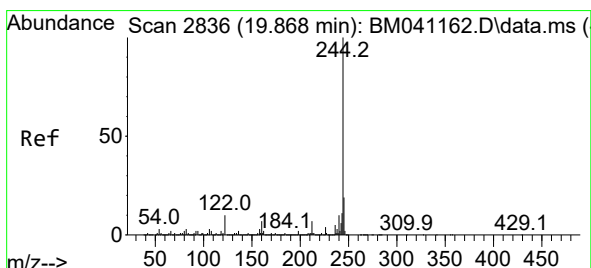
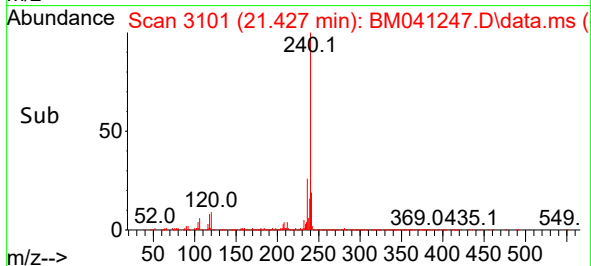
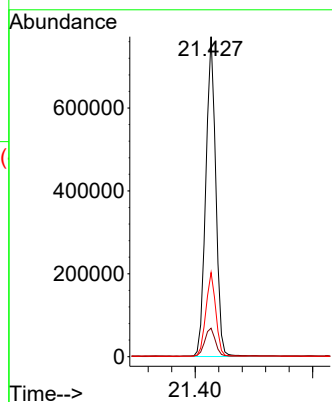
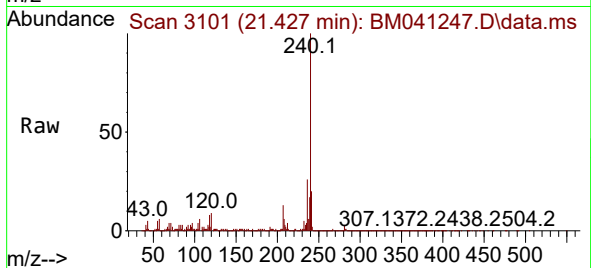
Tgt Ion:240 Resp: 908275

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 26.3 20.6 30.8



#79

Terphenyl-d14

Concen: 63.671 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041247.D

Acq: 02 Aug 2023 16:30

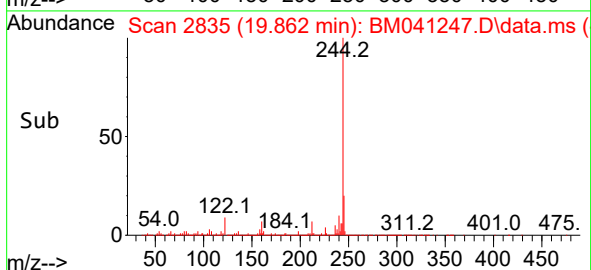
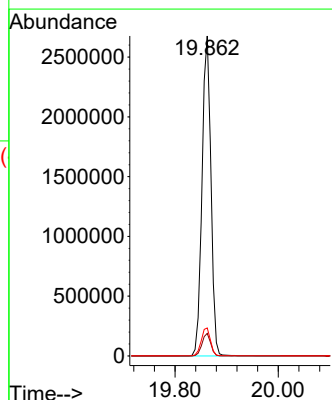
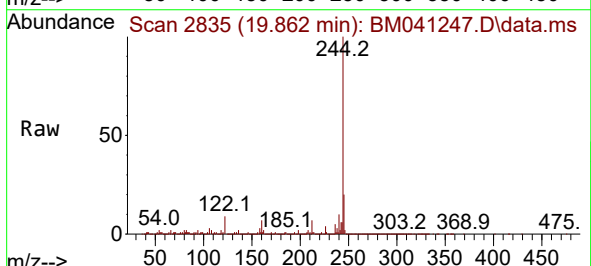
Tgt Ion:244 Resp: 3198511

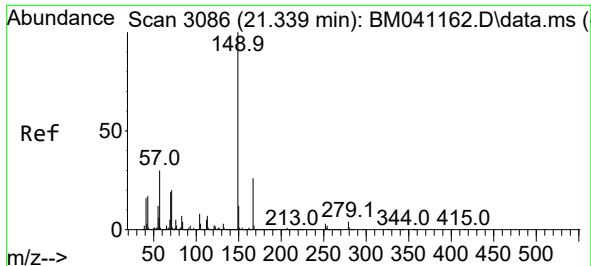
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.7 7.8 11.6

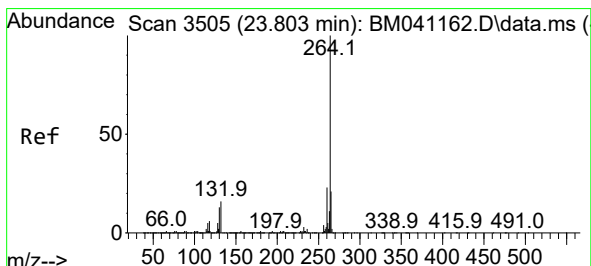
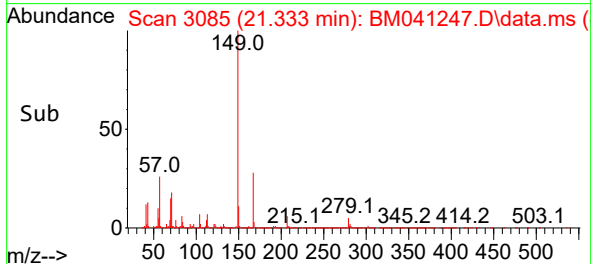
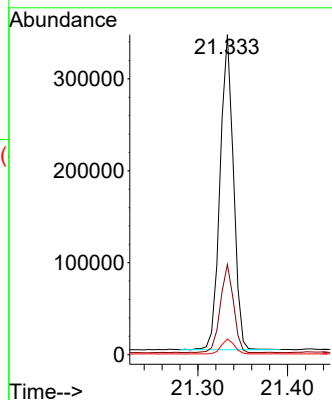
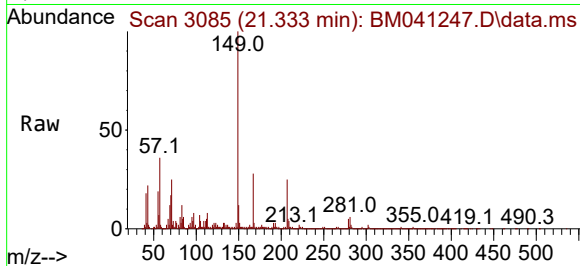




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.674 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Instrument :
BNA_M
ClientSampleId :
B-P1A

Tgt Ion:149 Resp: 355293
Ion Ratio Lower Upper
149 100
167 28.2 21.0 31.6
279 4.9 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM041247.D
Acq: 02 Aug 2023 16:30

Tgt Ion:264 Resp: 932158
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.5 17.4 26.0

