

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041197.D
 Acq On : 31 Jul 2023 19:55
 Operator : MA/JU
 Sample : 03741-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P28A

Quant Time: Aug 01 00:55:20 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)

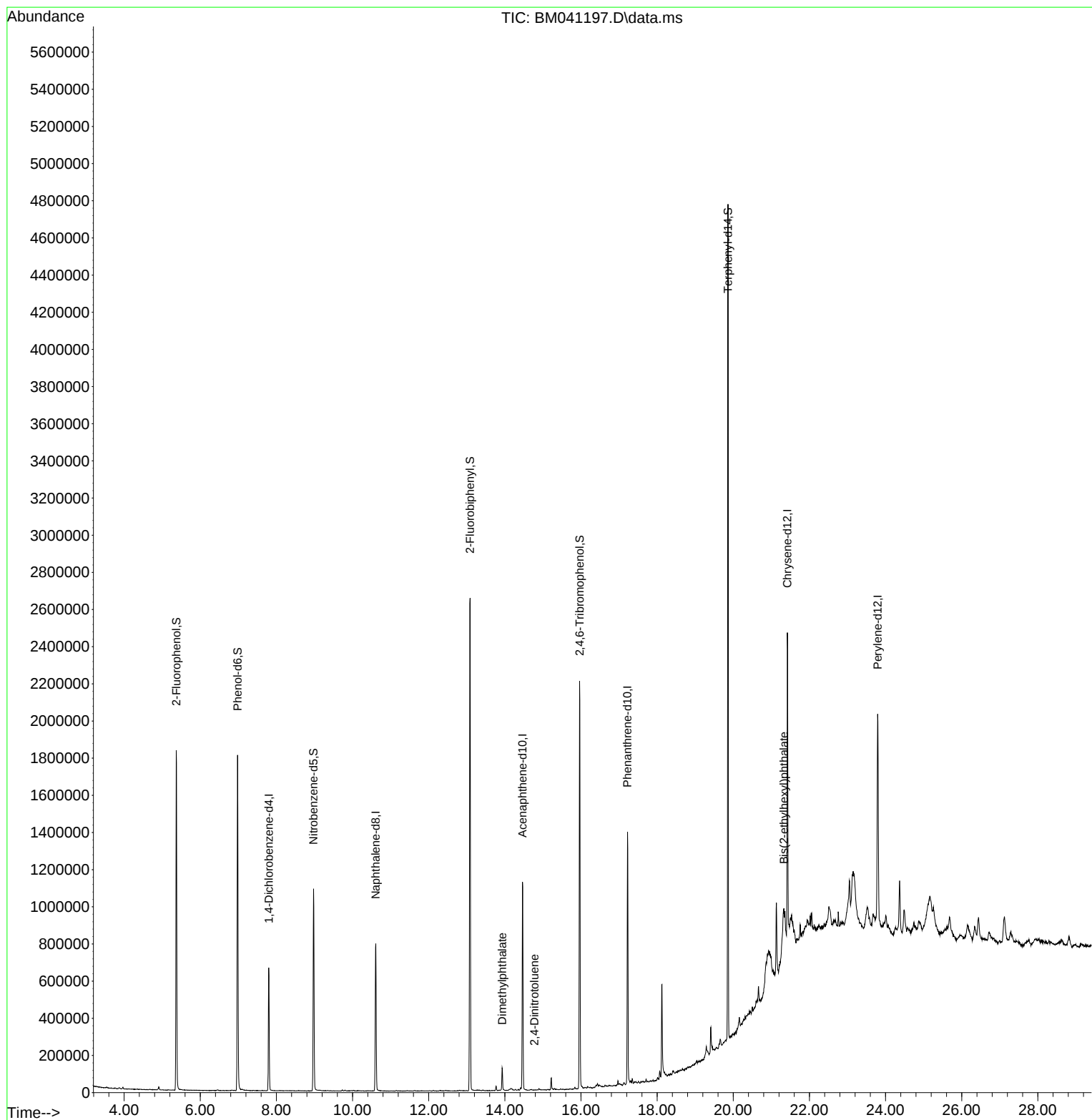
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	171036	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	648492	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	372318	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	792911	20.000	ng	0.00
76) Chrysene-d12	21.421	240	732604	20.000	ng	0.00
86) Perylene-d12	23.792	264	840389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	760036	66.415	ng	0.00
7) Phenol-d6	6.981	99	992553	66.912	ng	0.00
23) Nitrobenzene-d5	8.975	82	621377	44.560	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	406035	77.101	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1349535	45.789	ng	0.00
79) Terphenyl-d14	19.863	244	2148178	53.017	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.934	163	77158	2.755	ng	99
57) 2,4-Dinitrotoluene	14.775	165	62	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	43955	3.940	ng	# 80

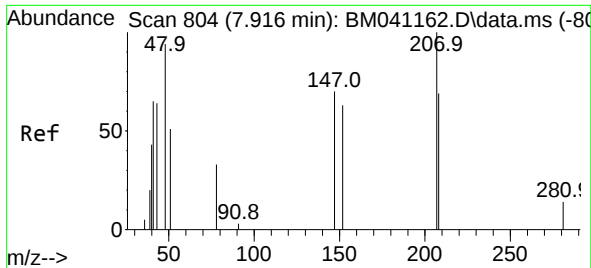
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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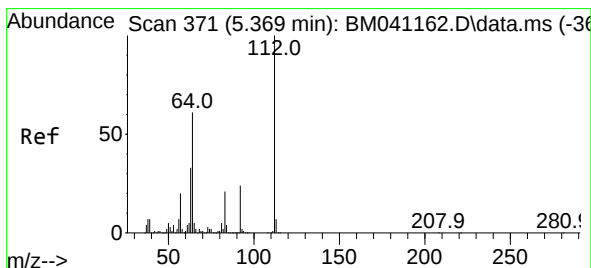
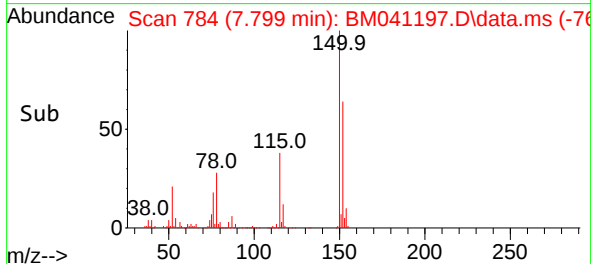
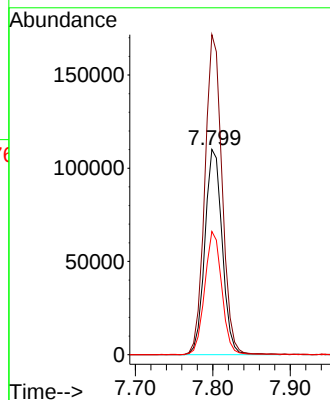
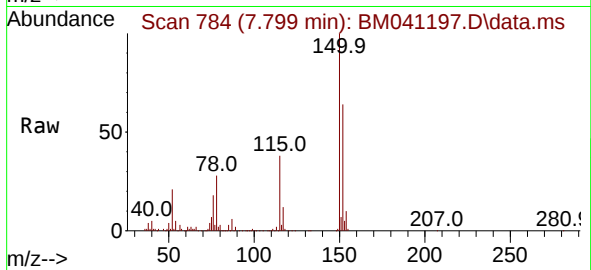




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 71
Delta R.T. 0.001 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

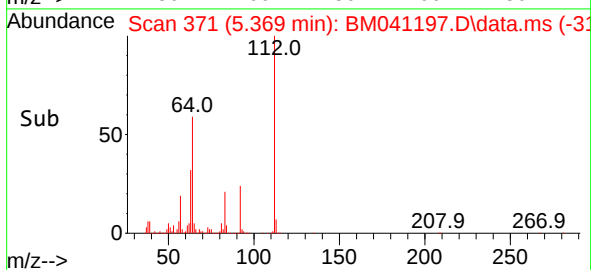
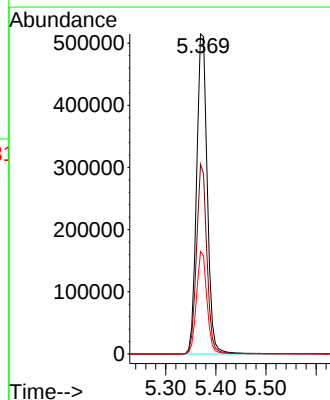
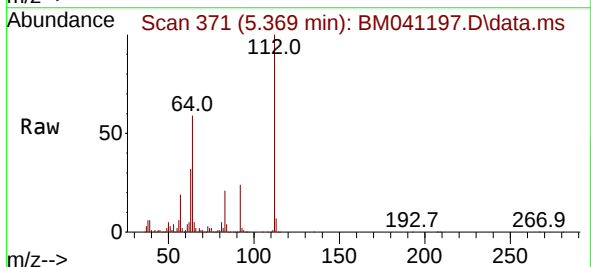
Instrument :
BNA_M
ClientSampleId :
B-P28A

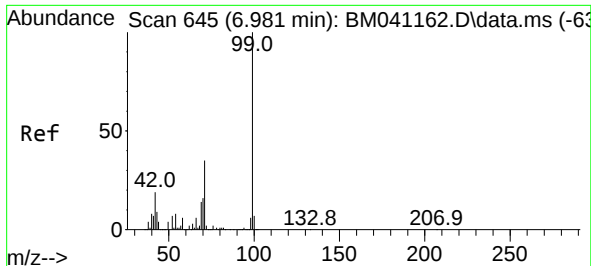
Tgt Ion:152 Resp: 171036
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 60.0 48.0 72.0



#5
2-Fluorophenol
Concen: 66.415 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

Tgt Ion:112 Resp: 760036
Ion Ratio Lower Upper
112 100
64 59.3 48.5 72.7
63 32.0 26.5 39.7

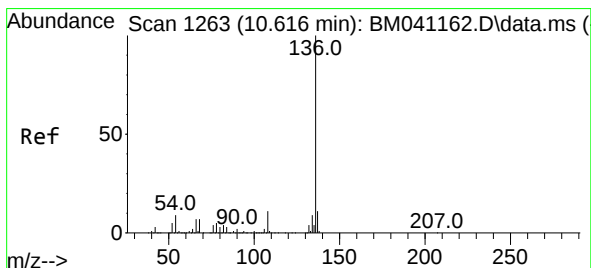
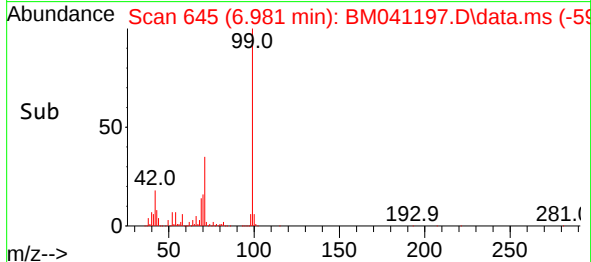
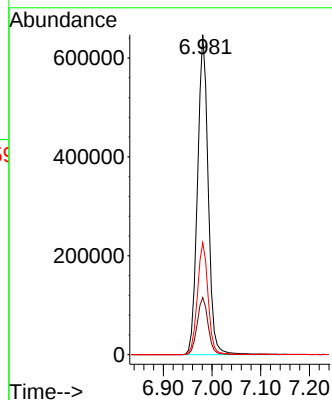
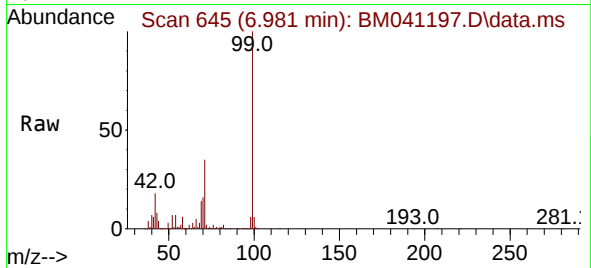




#7
Phenol-d6
Concen: 66.912 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

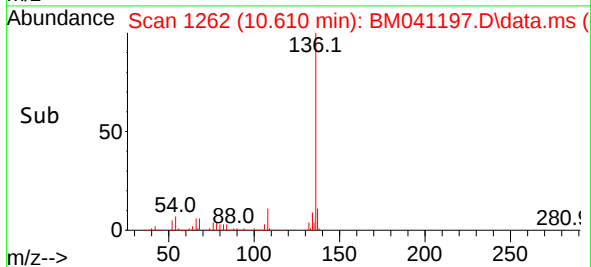
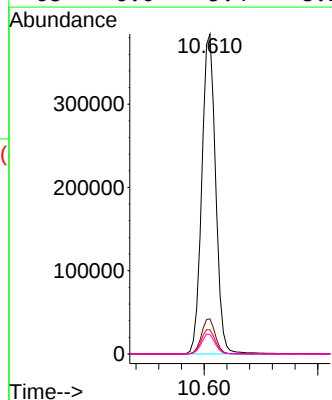
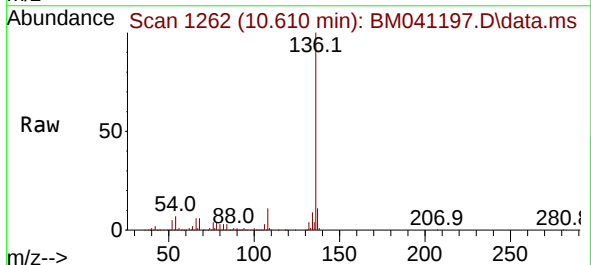
Instrument :
BNA_M
ClientSampleId :
B-P28A

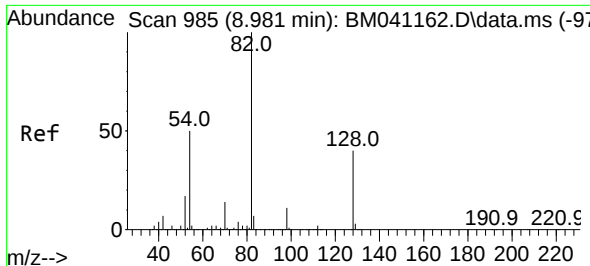
Tgt Ion: 99 Resp: 992553
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 35.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

Tgt Ion: 136 Resp: 648492
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.9 10.3
68 6.0 5.4 8.2

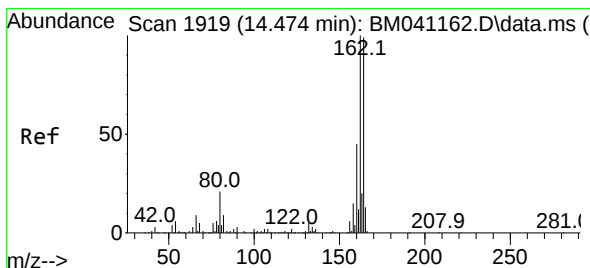
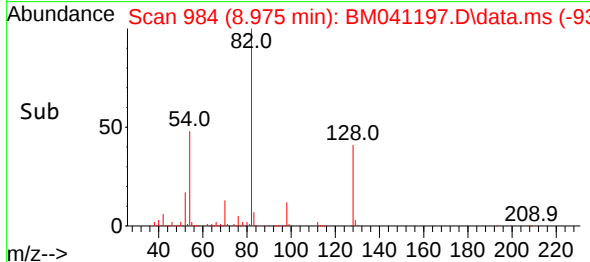
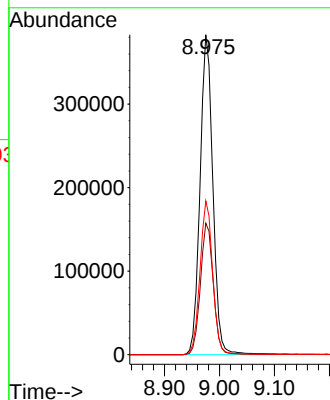
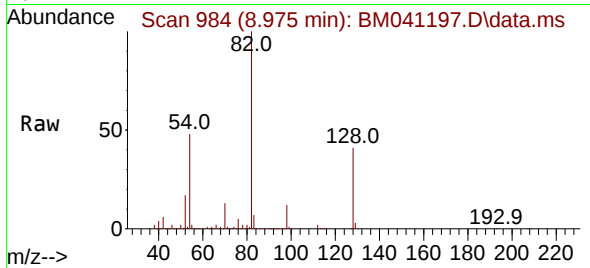




#23
 Nitrobenzene-d5
 Concen: 44.560 ng
 RT: 8.975 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BM041197.D
 Acq: 31 Jul 2023 19:55

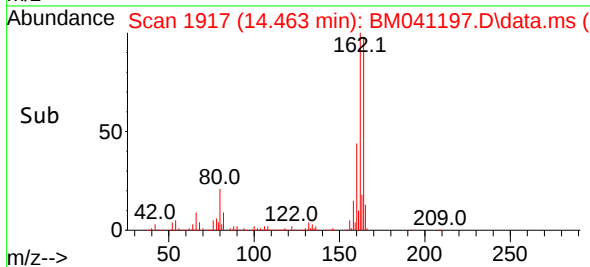
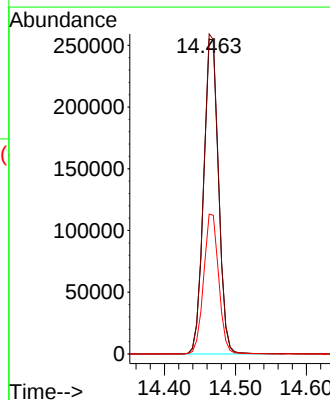
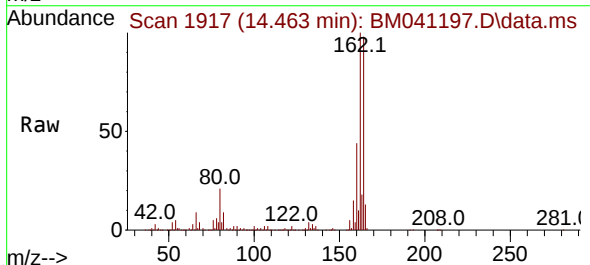
Instrument :
 BNA_M
 ClientSampleId :
 B-P28A

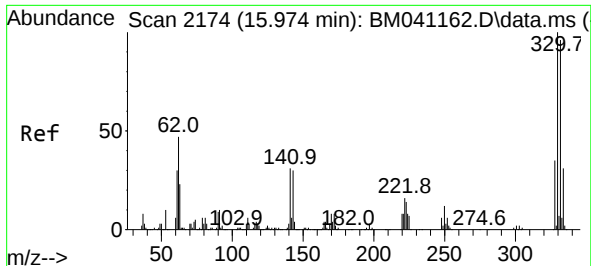
Tgt Ion: 82 Resp: 621377
 Ion Ratio Lower Upper
 82 100
 128 41.1 31.8 47.6
 54 48.0 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BM041197.D
 Acq: 31 Jul 2023 19:55

Tgt Ion: 164 Resp: 372318
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.4 120.6
 160 44.4 36.2 54.2

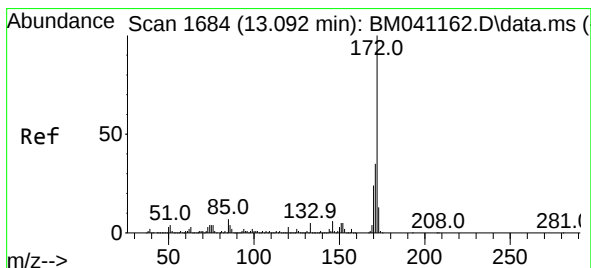
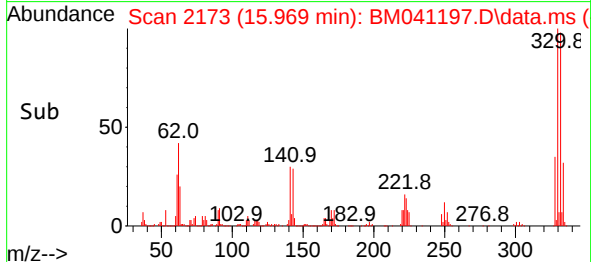
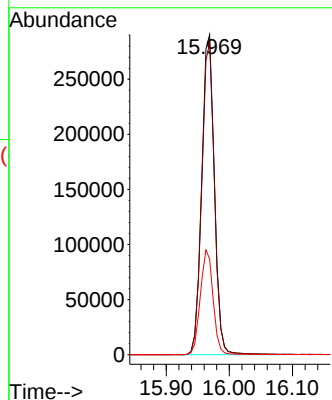
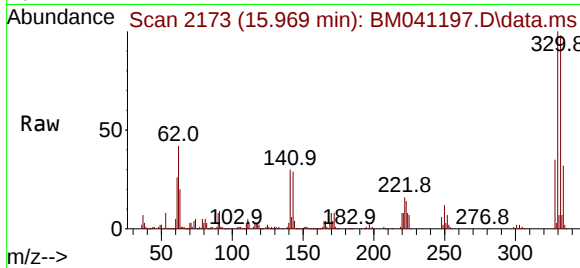




#42
 2,4,6-Tribromophenol
 Concen: 77.101 ng
 RT: 15.969 min Scan# 2174
 Delta R.T. 0.006 min
 Lab File: BM041197.D
 Acq: 31 Jul 2023 19:55

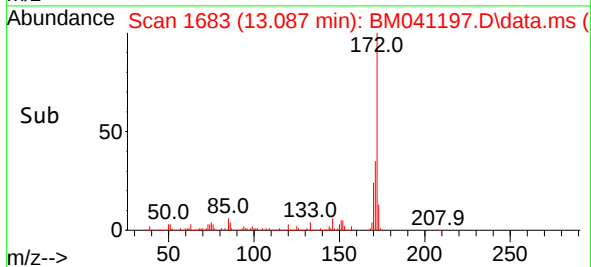
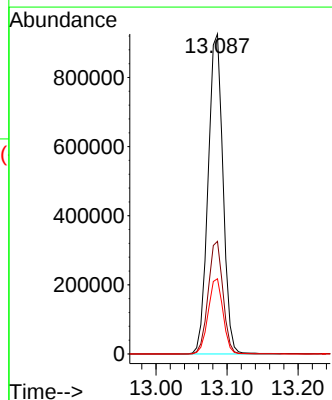
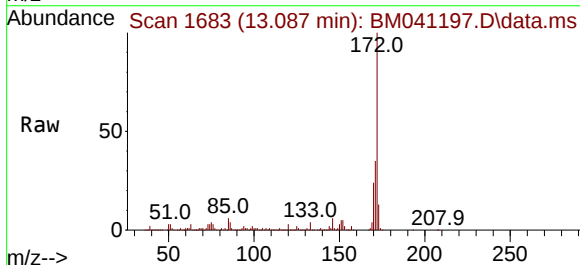
Instrument :
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 ClientSampleId :
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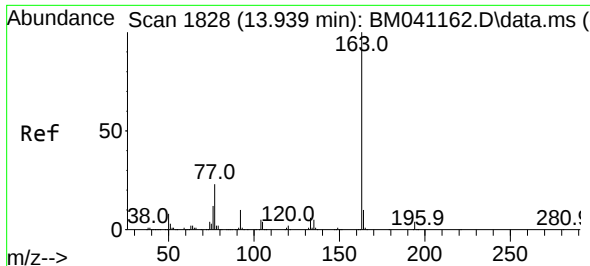
Tgt Ion:330 Resp: 406035
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 32.9 28.3 42.5



#45
 2-Fluorobiphenyl
 Concen: 45.789 ng
 RT: 13.087 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BM041197.D
 Acq: 31 Jul 2023 19:55

Tgt Ion:172 Resp: 1349535
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 23.5 18.9 28.3

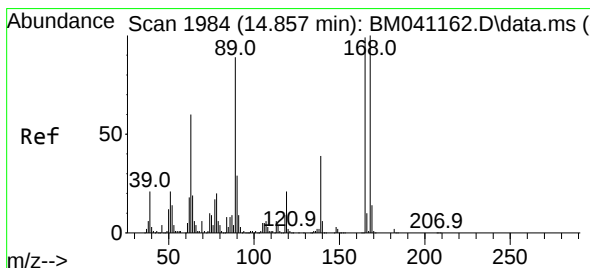
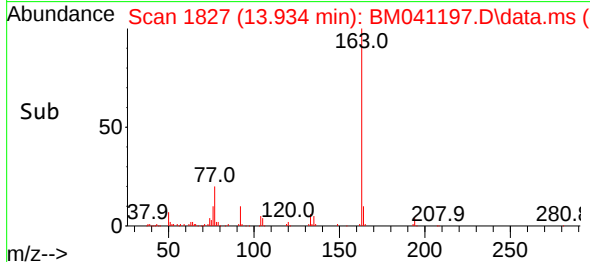
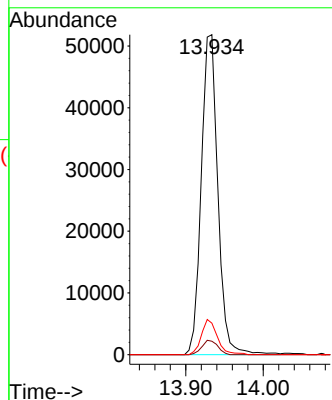
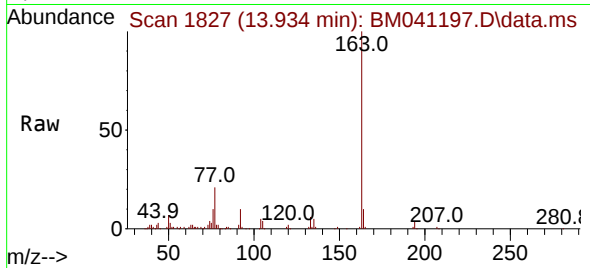




#50
Dimethylphthalate
Concen: 2.755 ng
RT: 13.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

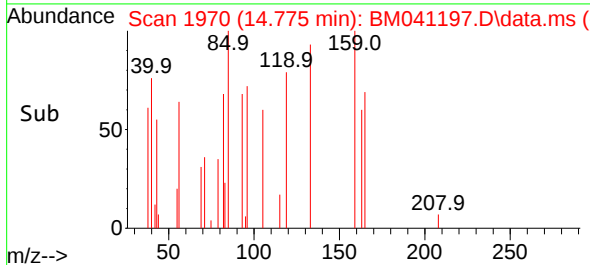
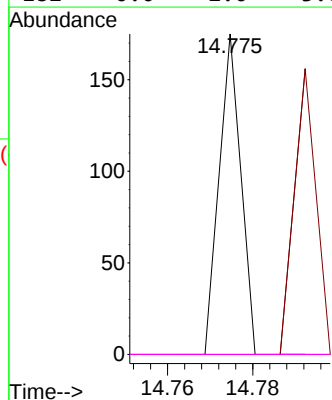
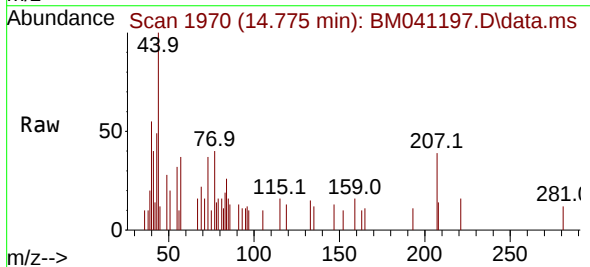
Instrument :
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B-P28A

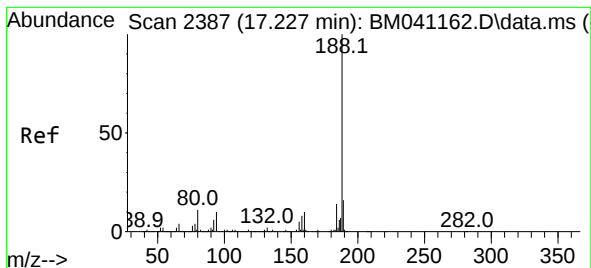
Tgt Ion:163	Resp:	77158
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.3 4.9
164	9.8	8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 2.678 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.076 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

Tgt Ion:165	Resp:	62
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.3 72.5#
89	0.0	71.8 107.8#
182	0.0	2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.222 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041197.D

Acq: 31 Jul 2023 19:55

Instrument :

BNA_M

ClientSampleId :

B-P28A

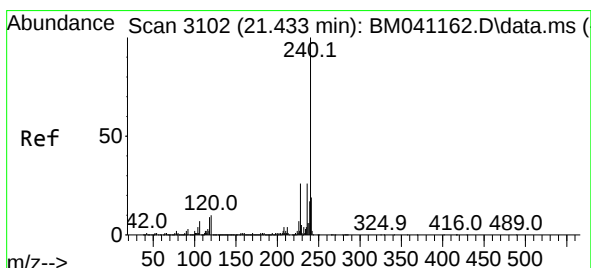
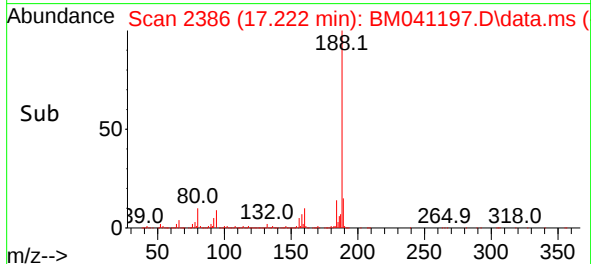
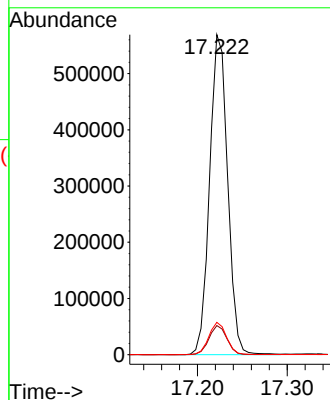
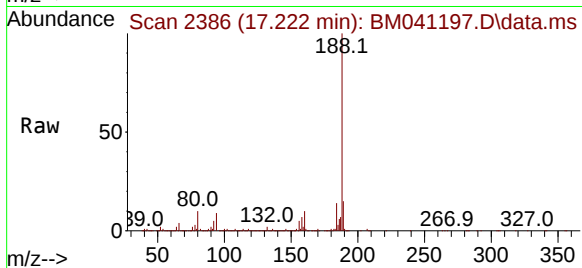
Tgt Ion:188 Resp: 792911

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 10.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM041197.D

Acq: 31 Jul 2023 19:55

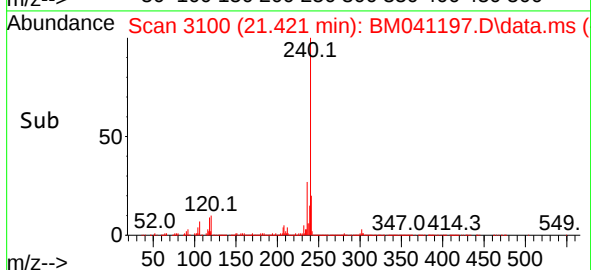
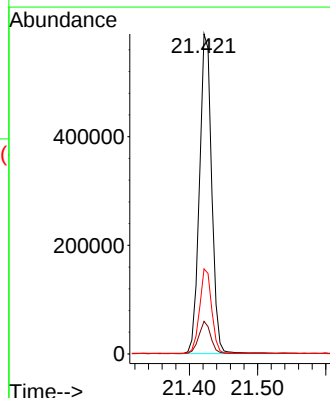
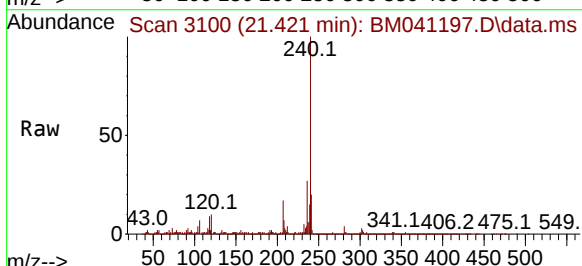
Tgt Ion:240 Resp: 732604

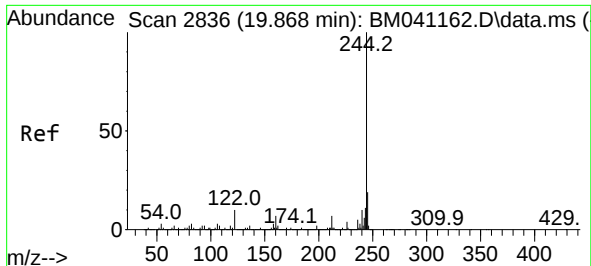
Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

236 26.6 20.6 30.8

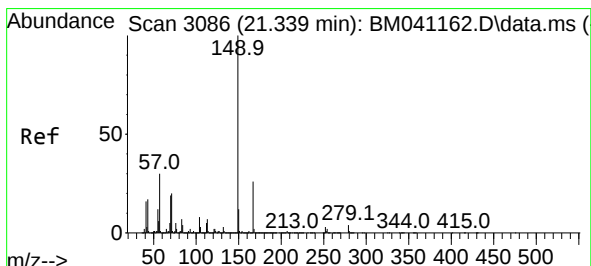
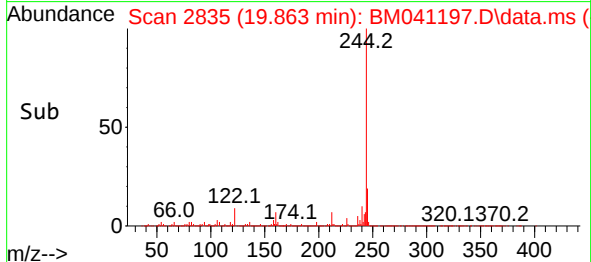
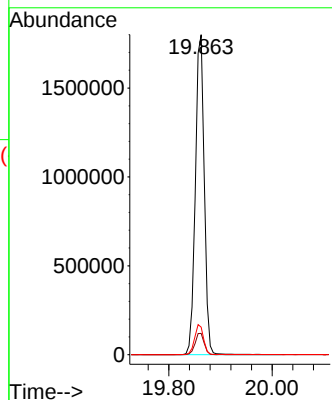
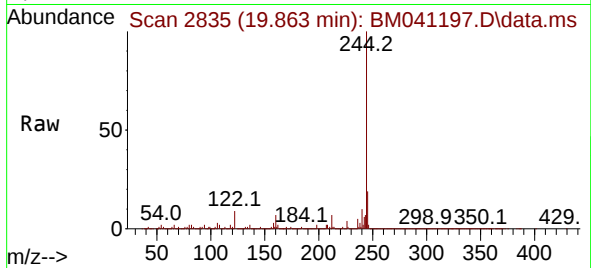




#79
 Terphenyl-d14
 Concen: 53.017 ng
 RT: 19.863 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041197.D
 Acq: 31 Jul 2023 19:55

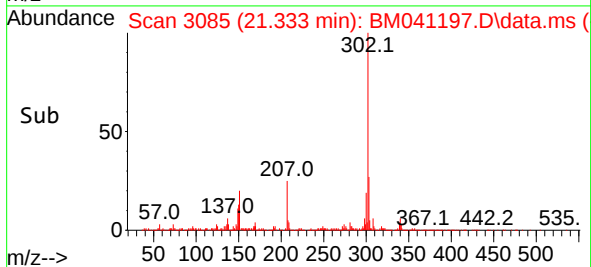
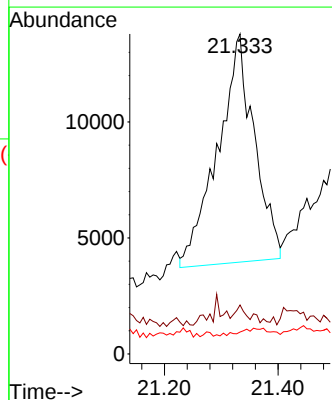
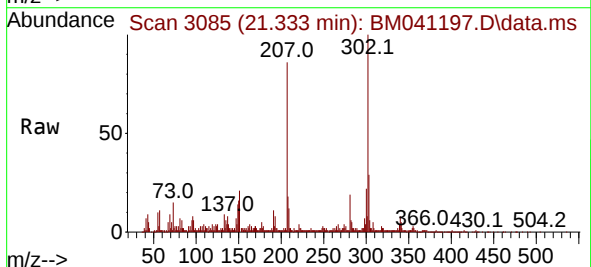
Instrument :
 BNA_M
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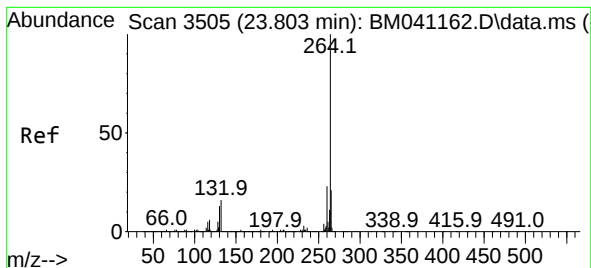
Tgt Ion:244 Resp: 2148178
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 8.6 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.940 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM041197.D
 Acq: 31 Jul 2023 19:55

Tgt Ion:149 Resp: 43955
 Ion Ratio Lower Upper
 149 100
 167 15.3 21.0 31.6#
 279 6.9 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM041197.D

Acq: 31 Jul 2023 19:55

Instrument :

BNA_M

ClientSampleId :

B-P28A

Tgt Ion:264 Resp: 840389

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.9 17.4 26.0

