

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)

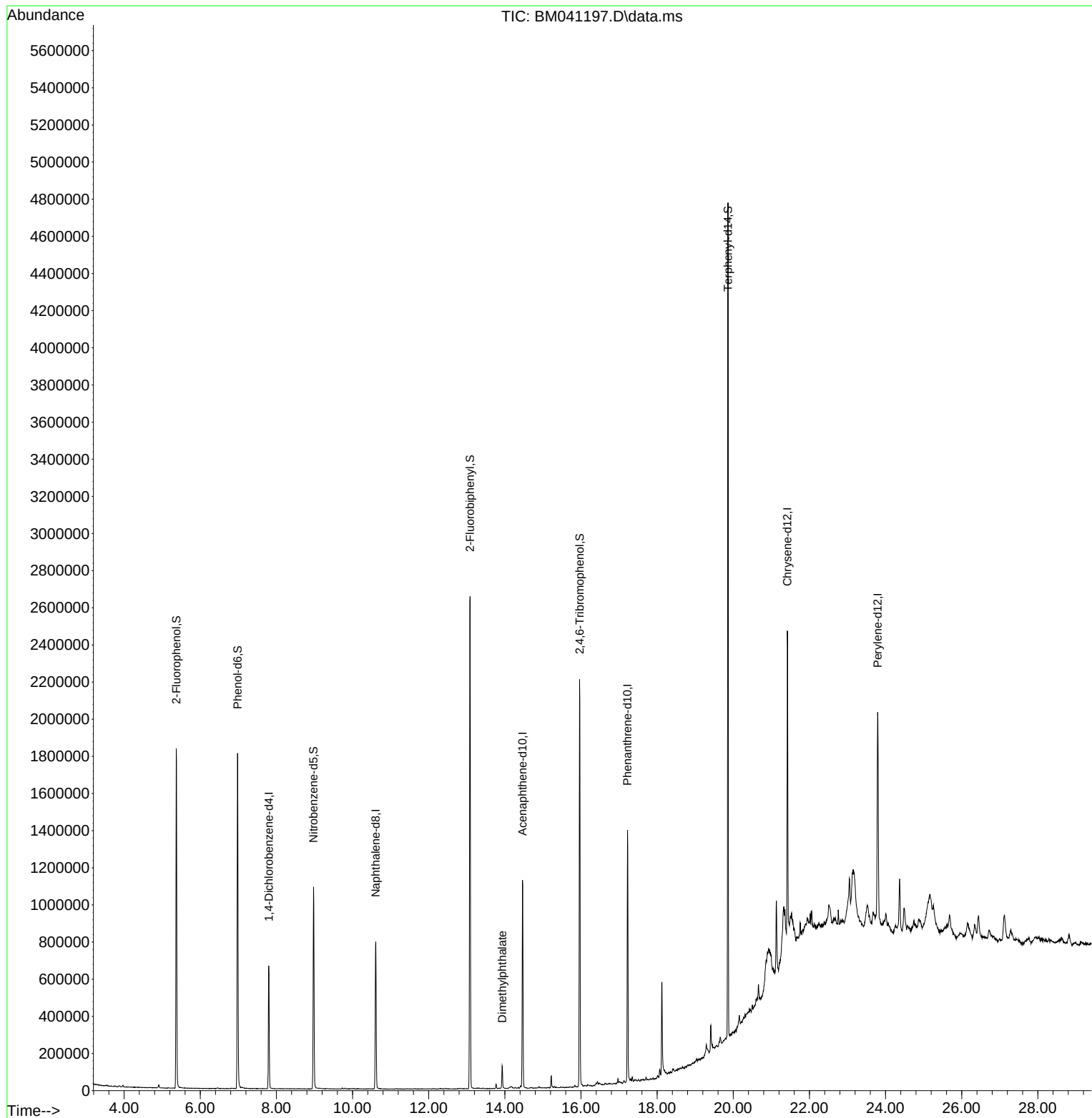
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	171036	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	648492	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	372318	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	792911	20.000	ng	0.00
76) Chrysene-d12	21.421	240	732604	20.000	ng	0.00
86) Perylene-d12	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	Qvalue 99

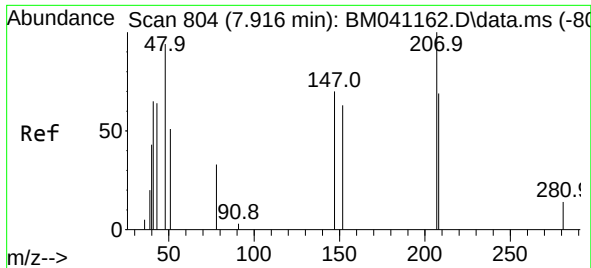
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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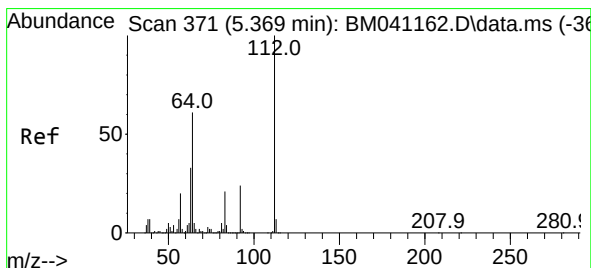
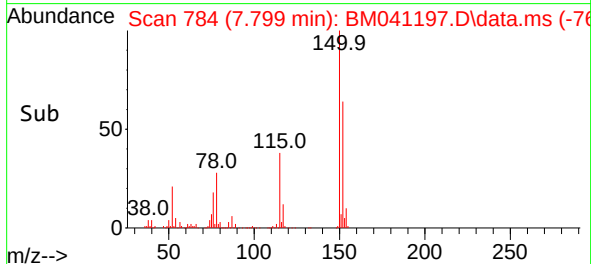
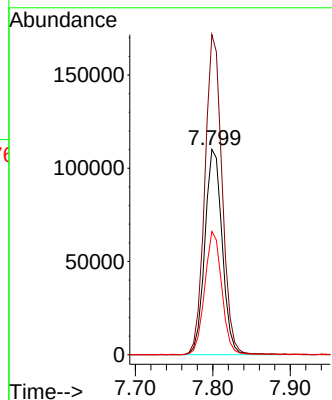
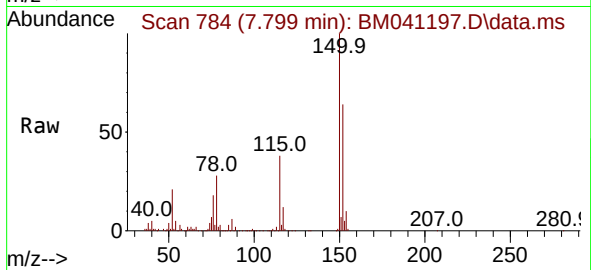




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 71
Delta R.T. 0.001 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

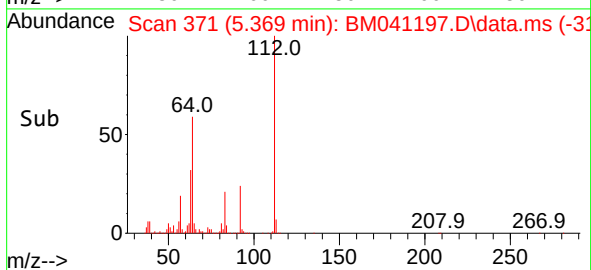
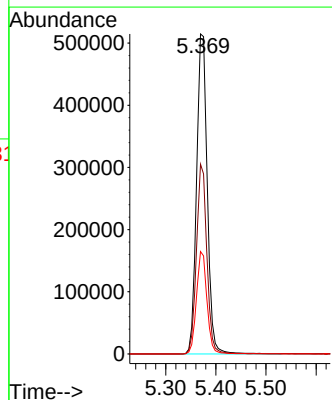
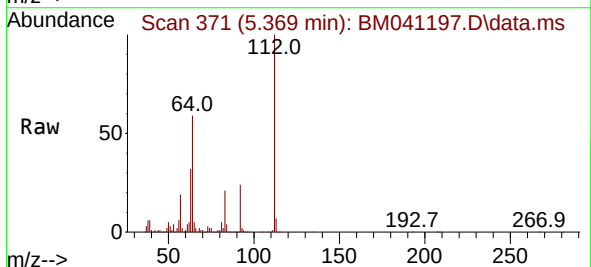
Instrument :
BNA_M
ClientSampleId :
B-P28A

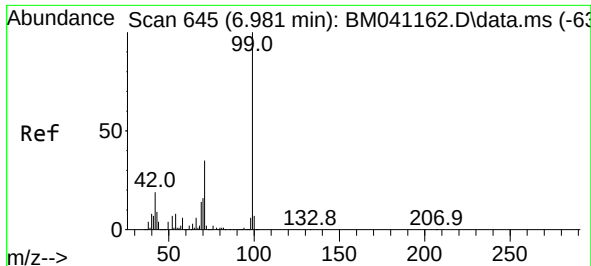
Tgt Ion:152 Resp: 171036
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 60.0 48.0 72.0



#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

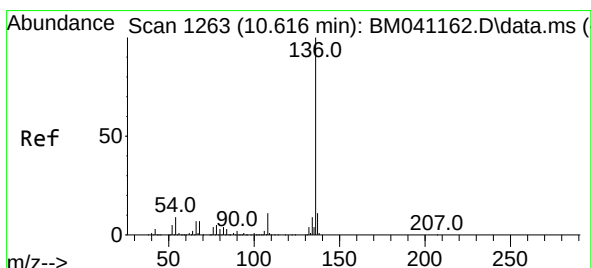
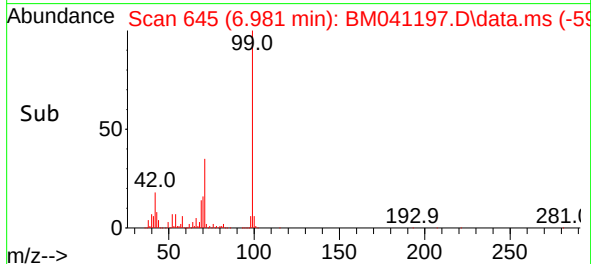
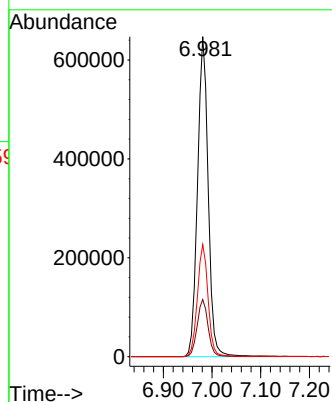
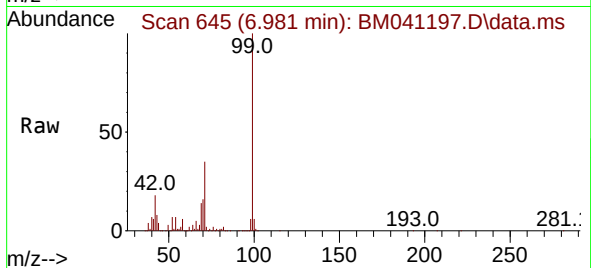




#7
Phenol-d6
Concen: 66.912 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

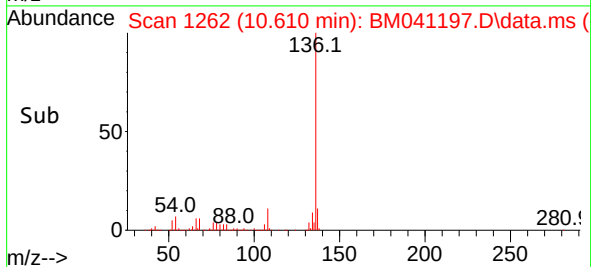
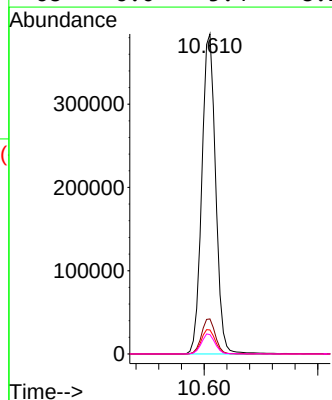
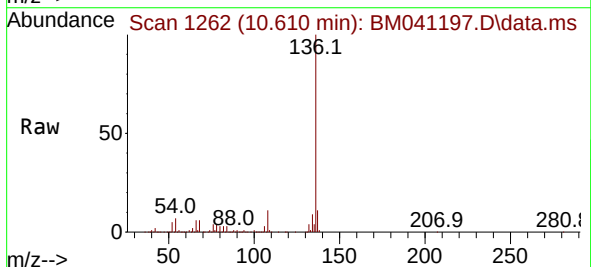
Instrument :
BNA_M
ClientSampleId :
B-P28A

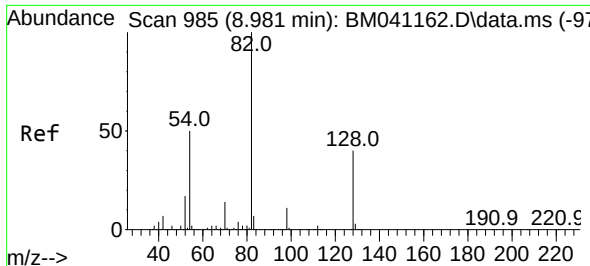
Tgt Ion: 99 Resp: 992553
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 35.0 28.2 42.4



#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

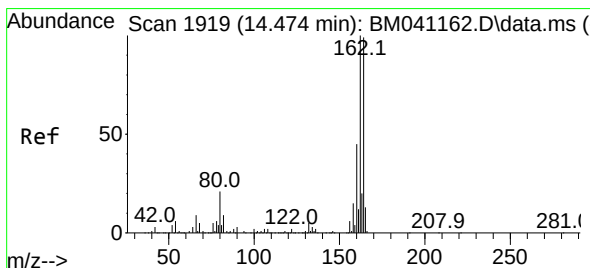
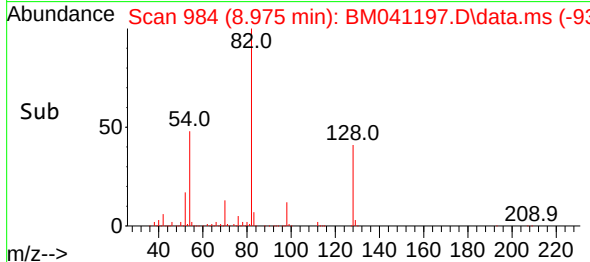
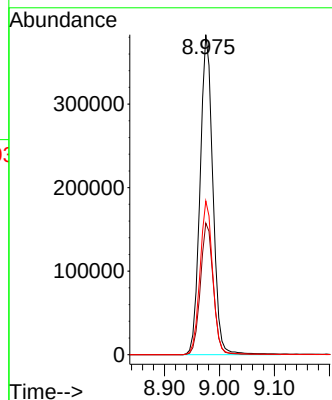
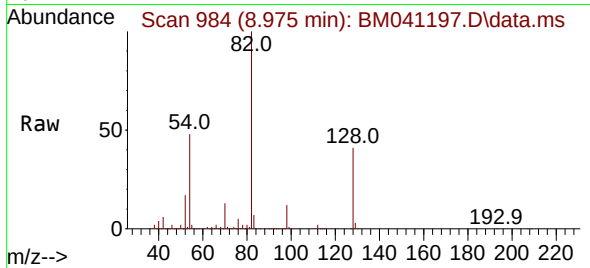




#23
Nitrobenzene-d5
Concen: 44.560 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

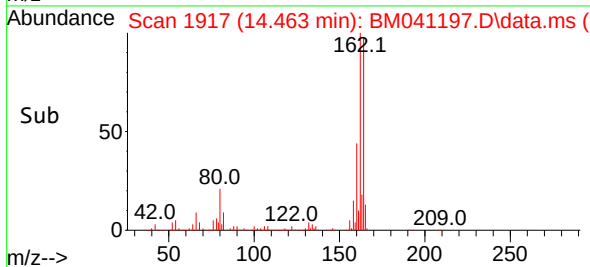
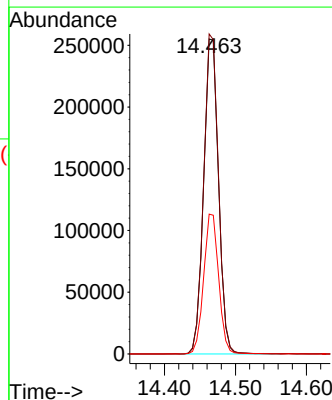
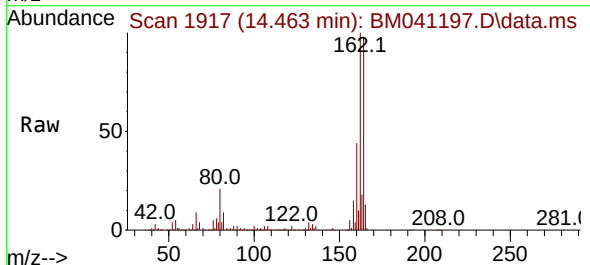
Instrument :
BNA_M
ClientSampleId :
B-P28A

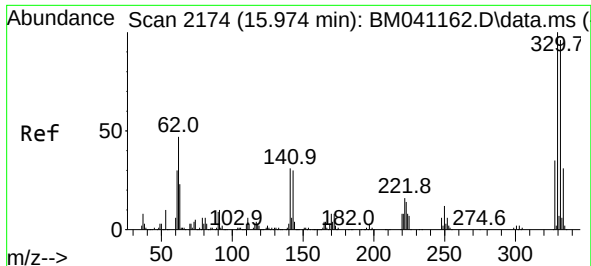
Tgt Ion: 82 Resp: 621377
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 48.0 40.1 60.1



#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# 2173

Delta R.T. 0.006 min

Lab File: BM041197.D

Acq: 31 Jul 2023 19:55

Instrument :

BNA_M

ClientSampleId :

B-P28A

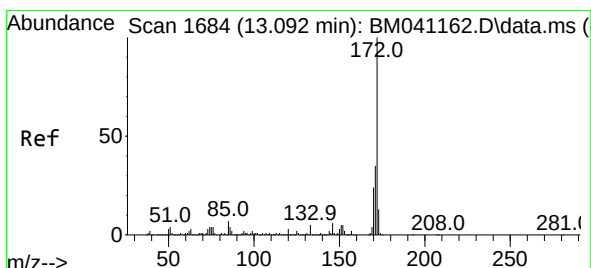
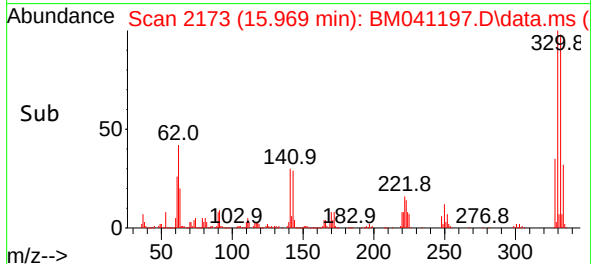
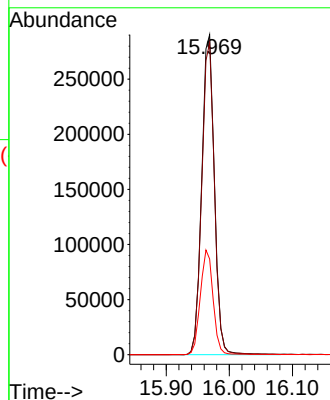
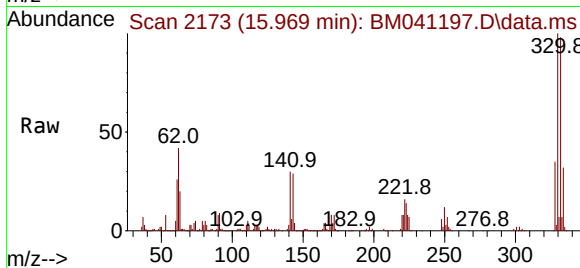
Tgt Ion:330 Resp: 406035

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

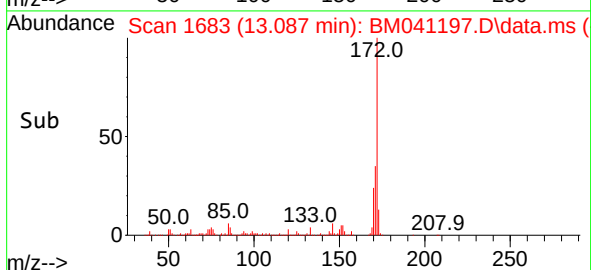
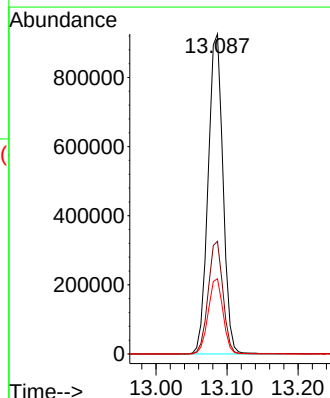
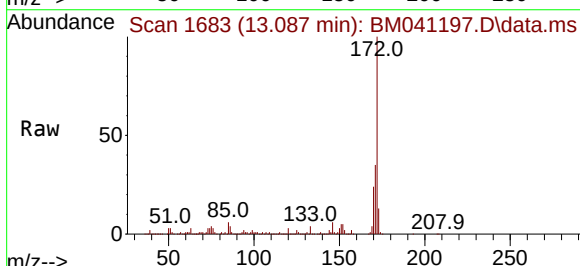
Tgt Ion:172 Resp: 1349535

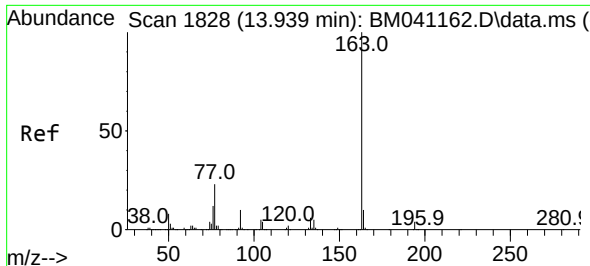
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.5 18.9 28.3

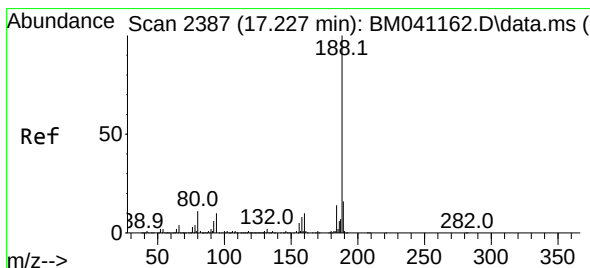
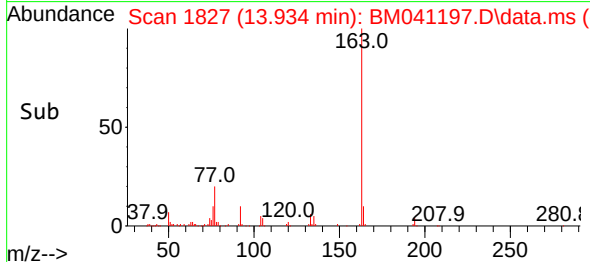
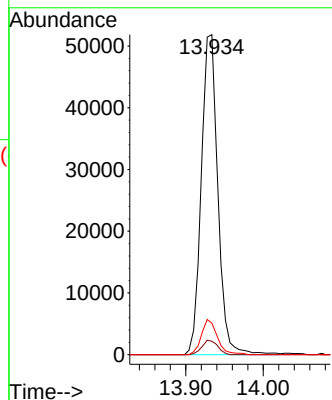
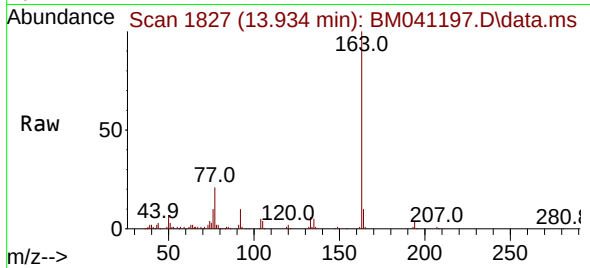




#50
Dimethylphthalate
Concen: 2.755 ng
RT: 13.934 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

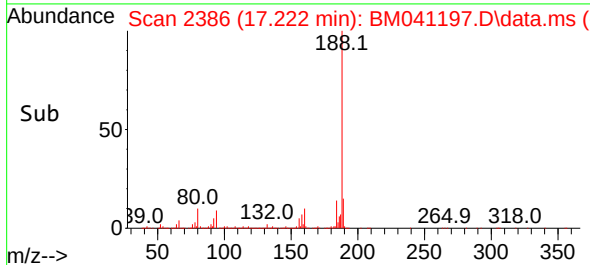
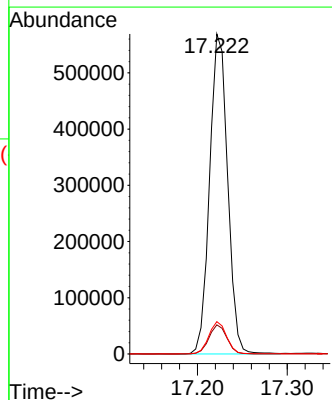
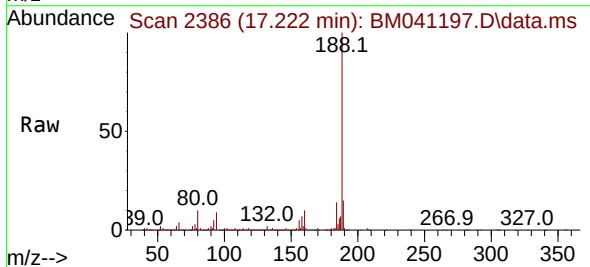
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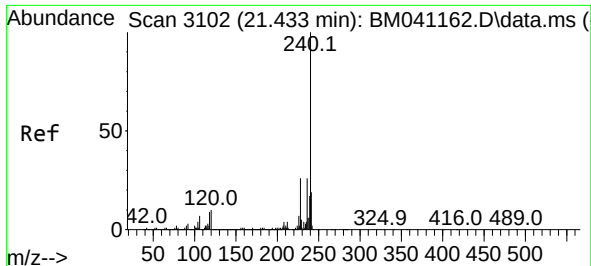
Tgt Ion:163 Resp: 77158
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

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

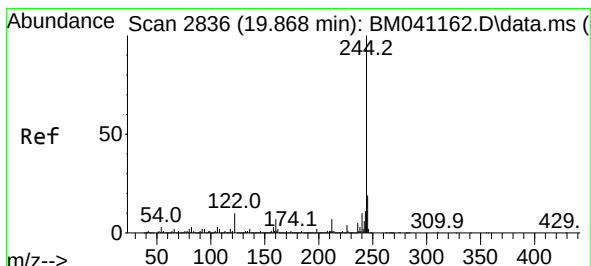
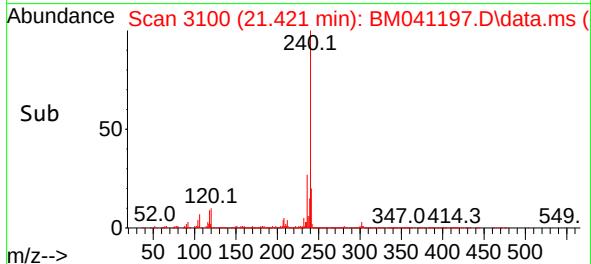
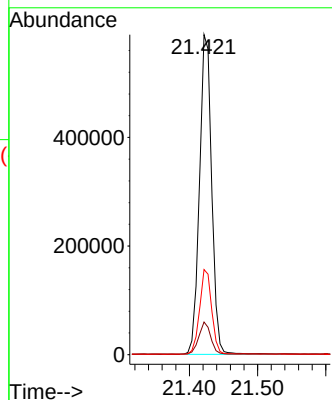
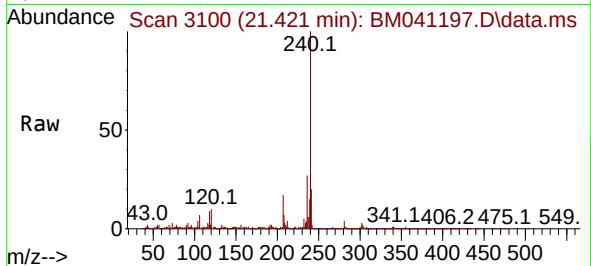




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

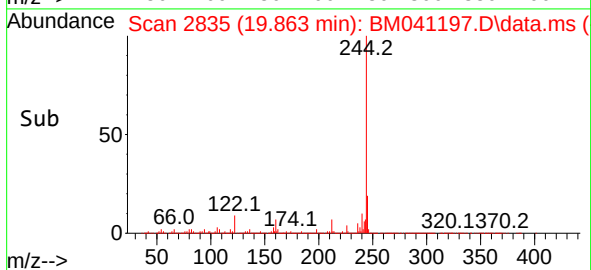
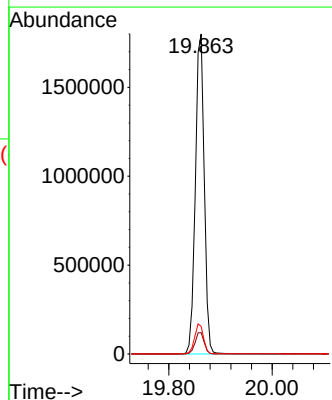
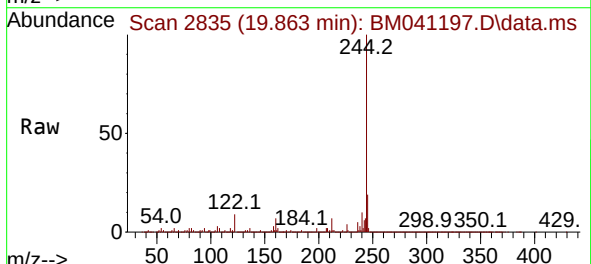
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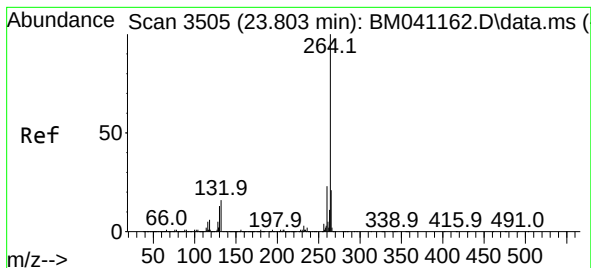
Tgt Ion:240 Resp: 732604
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.6 20.6 30.8



#79
Terphenyl-d14
Concen: 53.017 ng
RT: 19.863 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BM041197.D
Acq: 31 Jul 2023 19:55

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





#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

