

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038507.D
 Acq On : 23 Jan 2023 12:30
 Operator : CG/JU
 Sample : PB150201BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150201BL

Quant Time: Jan 24 05:11:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	72135	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	231405	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	129348	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	259324	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	219710	20.000	ng	0.00
86) Perylene-d12	23.933	264	267605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	745695	170.892	ng	0.00
7) Phenol-d6	7.134	99	843613	151.528	ng	0.00
23) Nitrobenzene-d5	9.139	82	516317	96.891	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	279643	150.132	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1106192	105.346	ng	0.00
79) Terphenyl-d14	19.956	244	1348851	119.685	ng	0.00

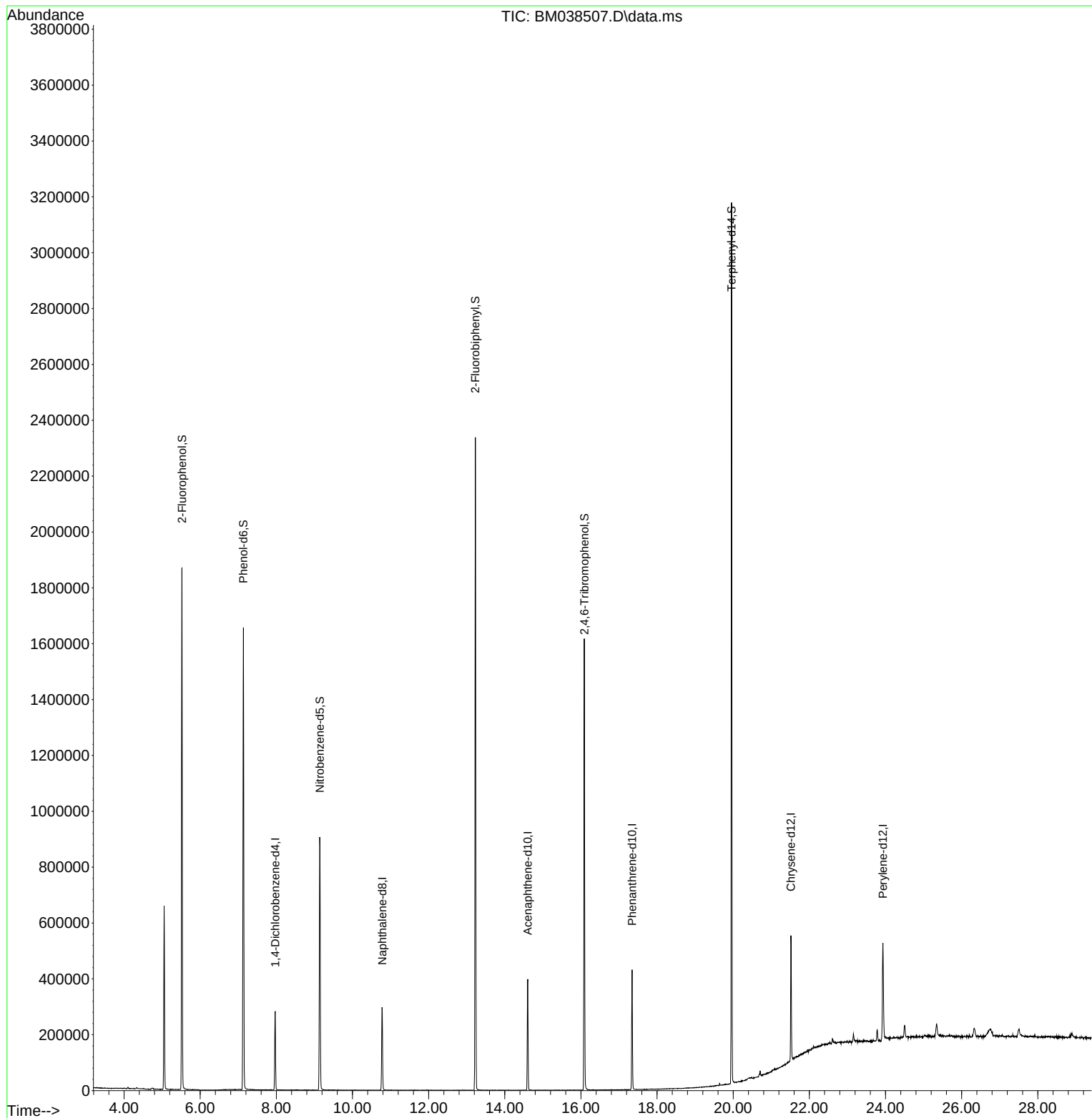
Target Compounds	Qvalue

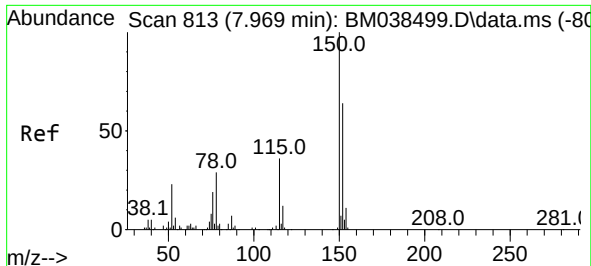
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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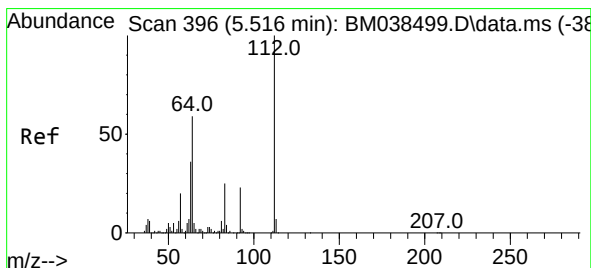
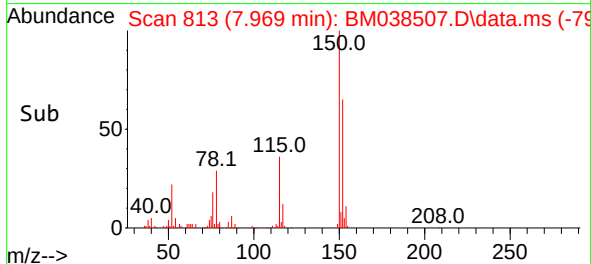
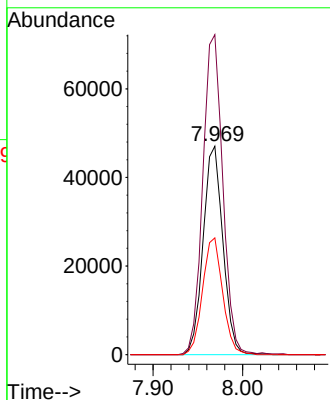
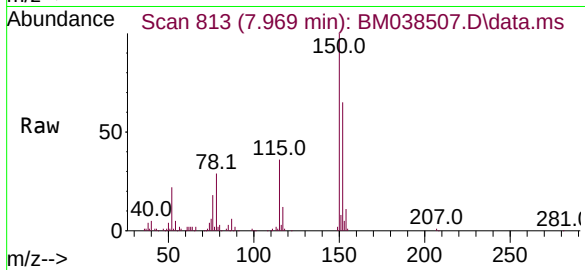




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM038507.D
Acq: 23 Jan 2023 12:30

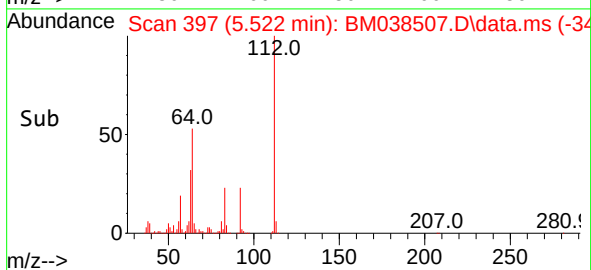
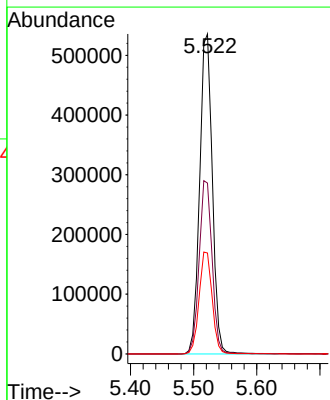
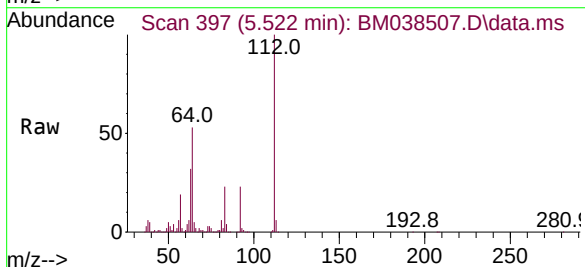
Instrument :
BNA_M
ClientSampleId :
PB150201BL

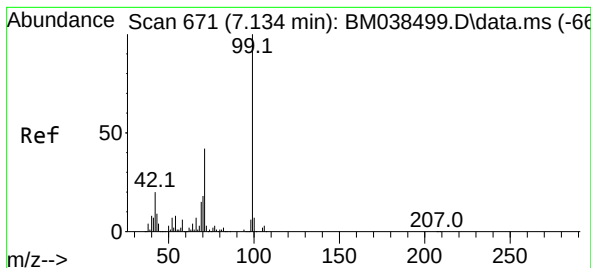
Tgt Ion:152 Resp: 72135
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.4
115 56.0 44.8 67.2



#5
2-Fluorophenol
Concen: 170.892 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM038507.D
Acq: 23 Jan 2023 12:30

Tgt Ion:112 Resp: 745695
Ion Ratio Lower Upper
112 100
64 53.4 47.3 70.9
63 31.5 28.8 43.2

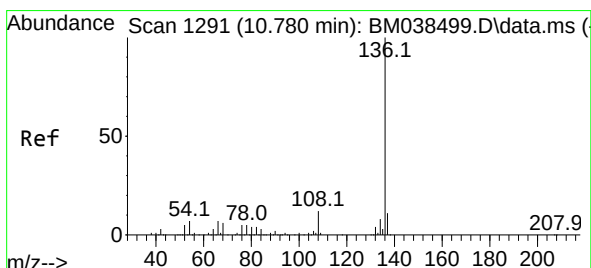
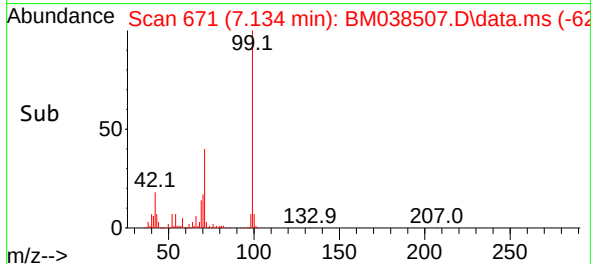
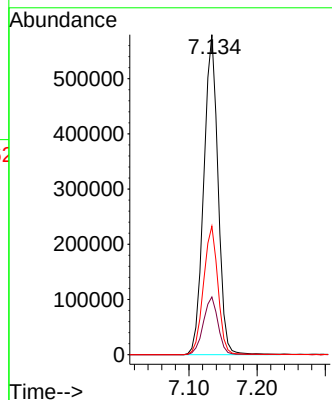
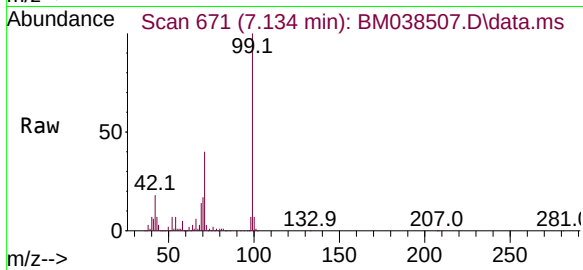




#7
Phenol-d6
Concen: 151.528 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038507.D
Acq: 23 Jan 2023 12:30

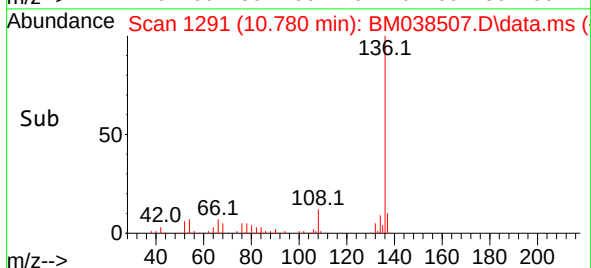
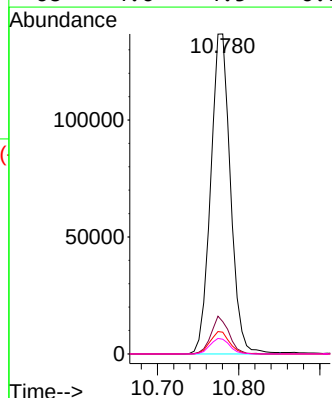
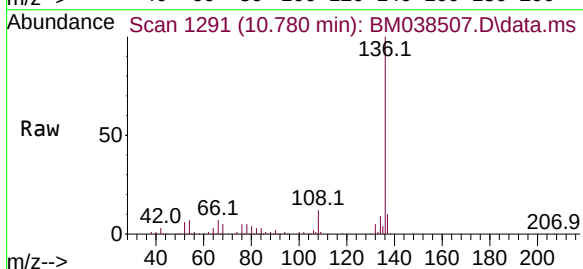
Instrument :
BNA_M
ClientSampleId :
PB150201BL

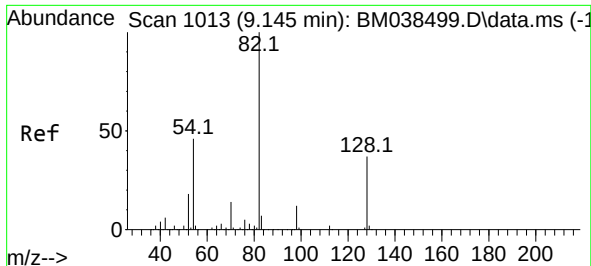
Tgt Ion: 99 Resp: 843613
Ion Ratio Lower Upper
99 100
42 18.0 16.0 24.0
71 40.1 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM038507.D
Acq: 23 Jan 2023 12:30

Tgt Ion: 136 Resp: 231405
Ion Ratio Lower Upper
136 100
137 10.1 8.4 12.6
54 6.8 6.0 9.0
68 4.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 96.891 ng

RT: 9.139 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038507.D

Acq: 23 Jan 2023 12:30

Instrument :

BNA_M

ClientSampleId :

PB150201BL

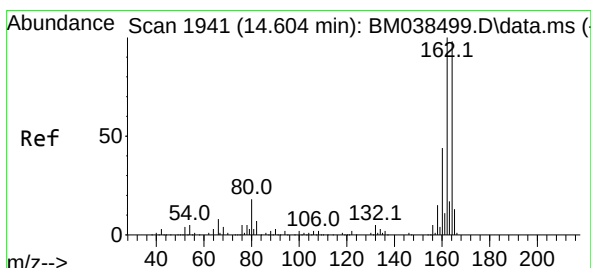
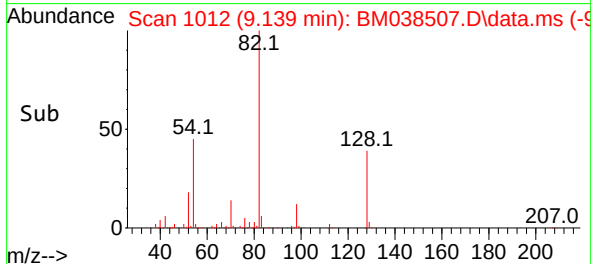
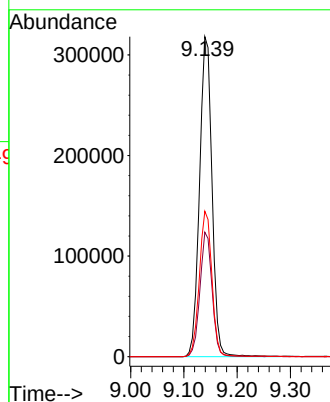
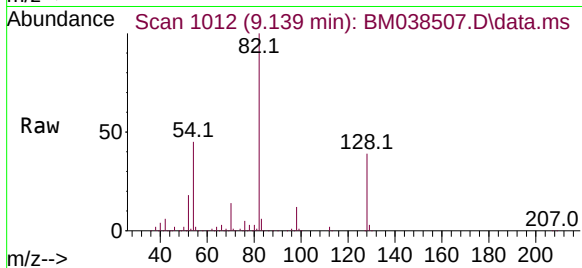
Tgt Ion: 82 Resp: 516317

Ion Ratio Lower Upper

82 100

128 38.9 29.3 43.9

54 45.4 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM038507.D

Acq: 23 Jan 2023 12:30

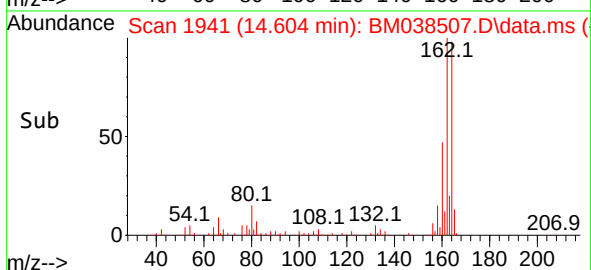
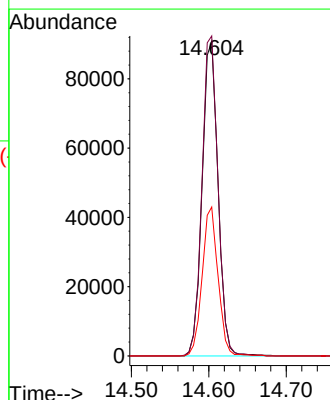
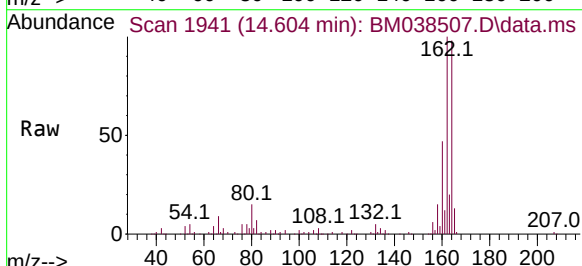
Tgt Ion: 164 Resp: 129348

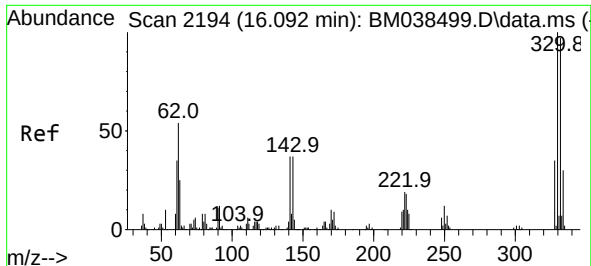
Ion Ratio Lower Upper

164 100

162 101.8 82.0 123.0

160 47.4 35.8 53.6

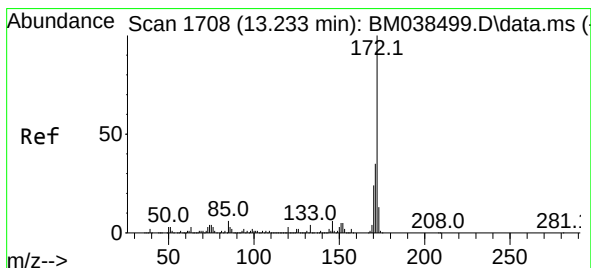
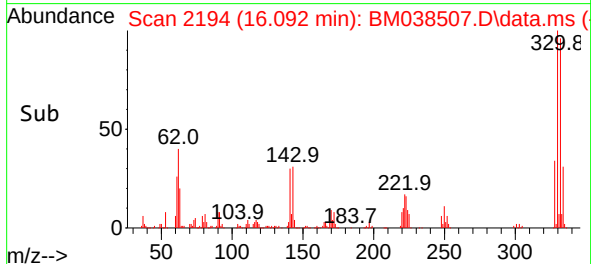
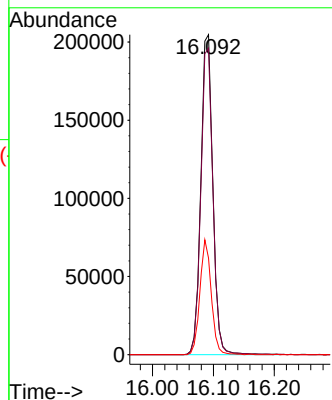
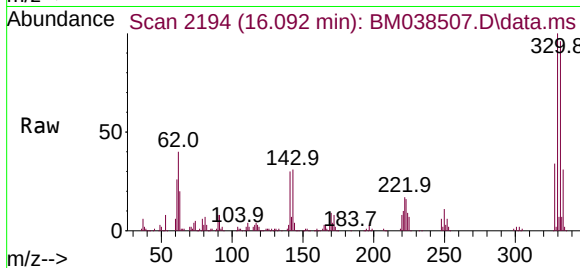




#42
 2,4,6-Tribromophenol
 Concen: 150.132 ng
 RT: 16.092 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BM038507.D
 Acq: 23 Jan 2023 12:30

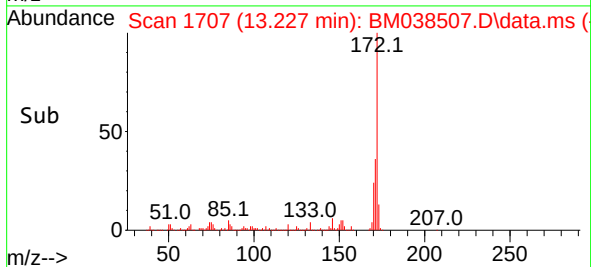
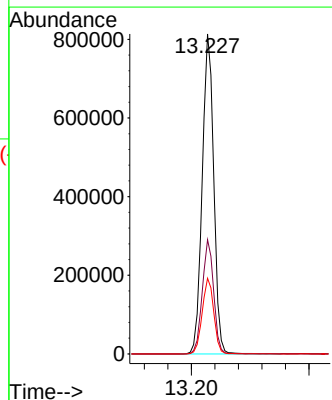
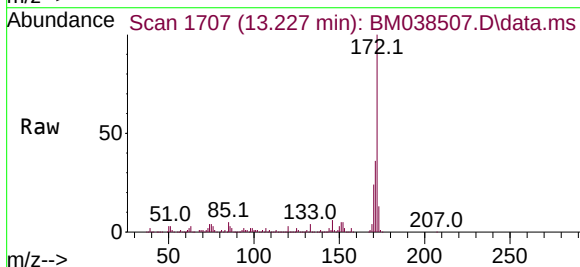
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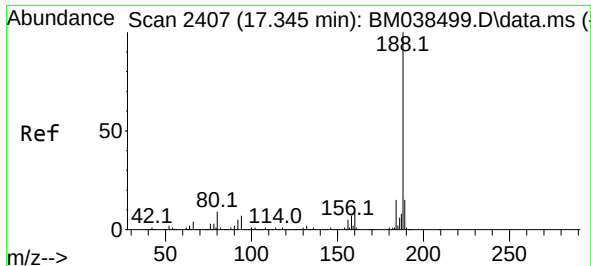
Tgt Ion:330 Resp: 279643
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.5 116.3
 141 34.0 29.0 43.4



#45
 2-Fluorobiphenyl
 Concen: 105.346 ng
 RT: 13.227 min Scan# 1707
 Delta R.T. -0.006 min
 Lab File: BM038507.D
 Acq: 23 Jan 2023 12:30

Tgt Ion:172 Resp: 1106192
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.0 42.0
 170 23.6 19.5 29.3

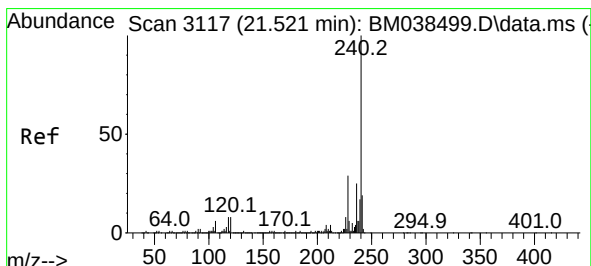
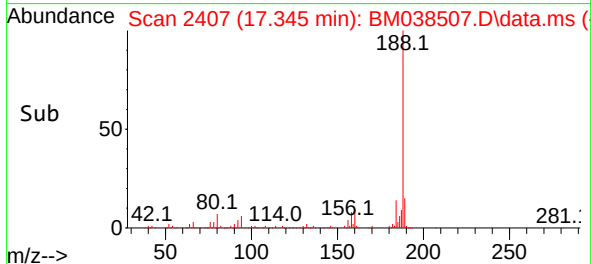
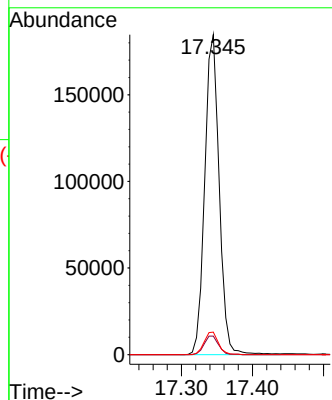
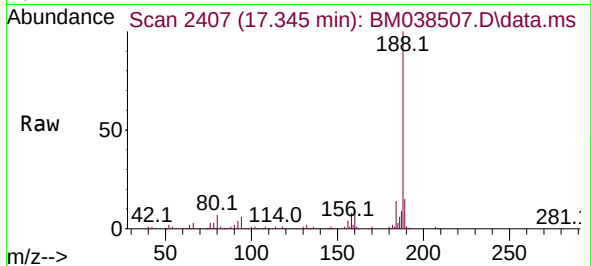




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BM038507.D
Acq: 23 Jan 2023 12:30

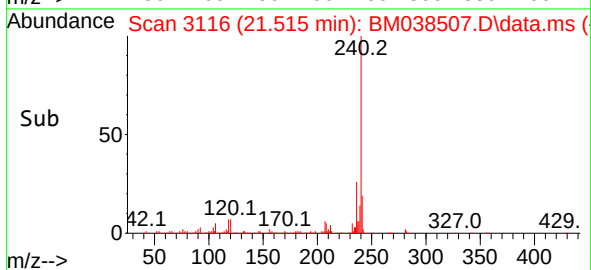
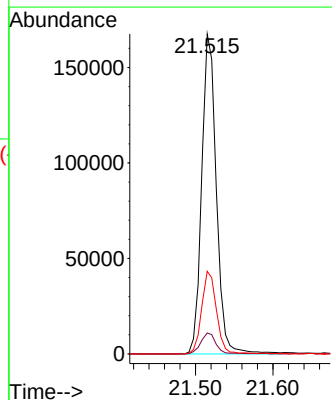
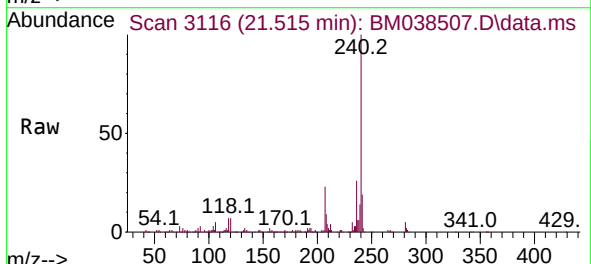
Instrument :
BNA_M
ClientSampleId :
PB150201BL

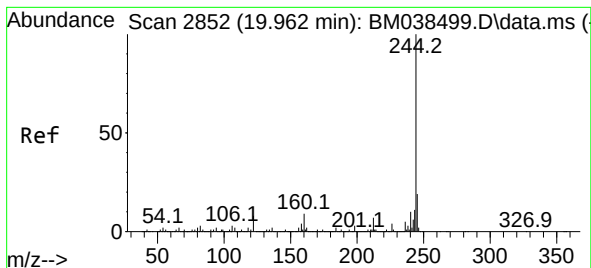
Tgt Ion:188 Resp: 259324
Ion Ratio Lower Upper
188 100
94 5.8 6.0 9.0#
80 7.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038507.D
Acq: 23 Jan 2023 12:30

Tgt Ion:240 Resp: 219710
Ion Ratio Lower Upper
240 100
120 6.5 6.2 9.2
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 119.685 ng

RT: 19.956 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM038507.D

Acq: 23 Jan 2023 12:30

Instrument :

BNA_M

ClientSampleId :

PB150201BL

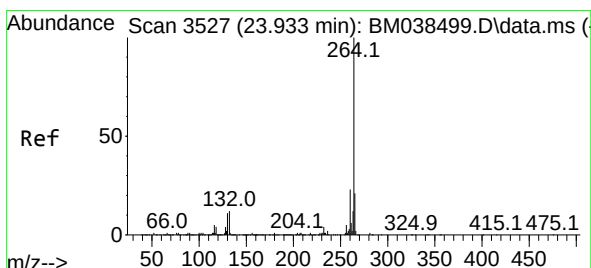
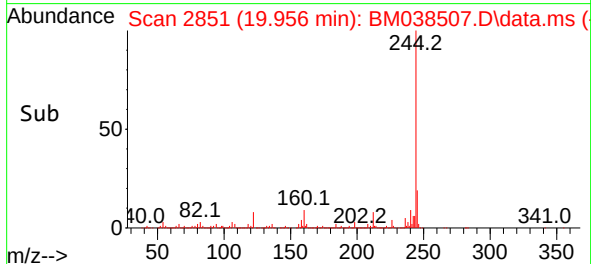
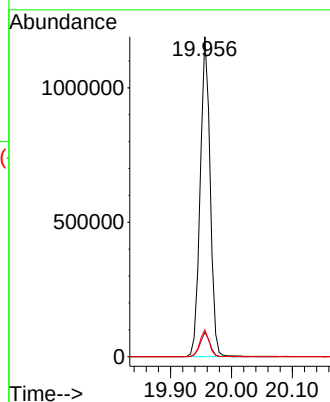
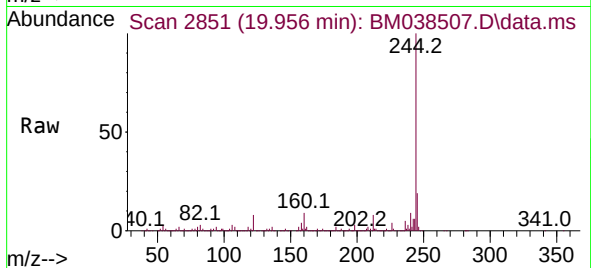
Tgt Ion:244 Resp: 1348851

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.4 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BM038507.D

Acq: 23 Jan 2023 12:30

Tgt Ion:264 Resp: 267605

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 22.4 17.8 26.6

