

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038527.D
 Acq On : 25 Jan 2023 11:36
 Operator : CG/JU
 Sample : PB150219BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150219BL

Quant Time: Jan 25 23:13:27 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	7.963	152	104146	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	340222	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	200563	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	395361	20.000	ng	0.00
76) Chrysene-d12	21.515	240	288190	20.000	ng	# 0.00
86) Perylene-d12	23.927	264	312506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	838100	133.033	ng	0.00
7) Phenol-d6	7.134	99	1013800	126.126	ng	0.00
23) Nitrobenzene-d5	9.139	82	617583	78.827	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	339242	117.459	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1361315	83.609	ng	0.00
79) Terphenyl-d14	19.956	244	1509665	102.124	ng	0.00

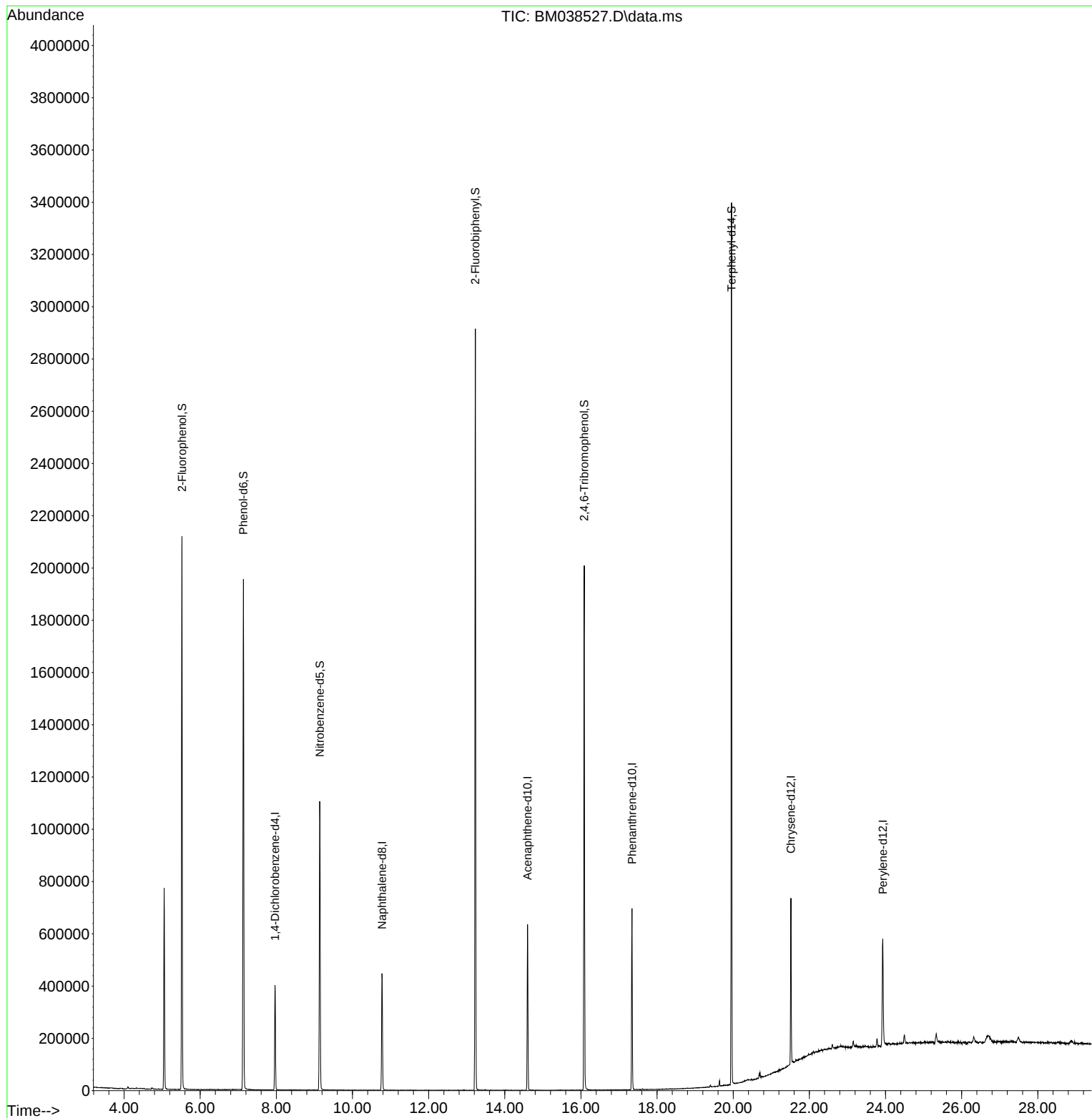
Target Compounds Qvalue

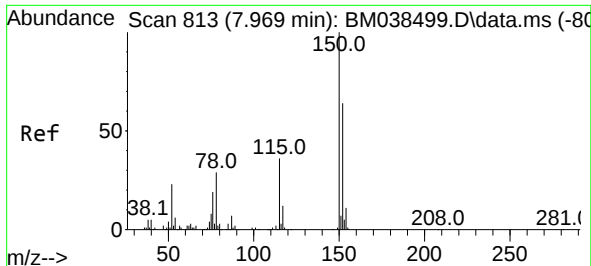
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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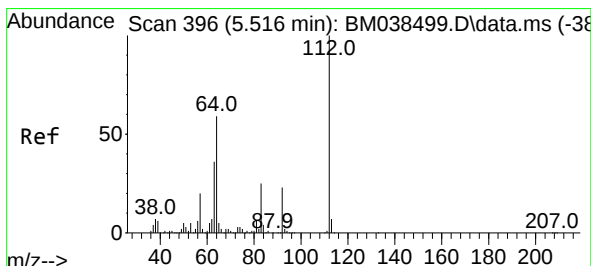
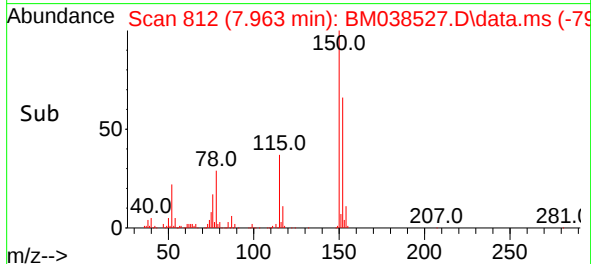
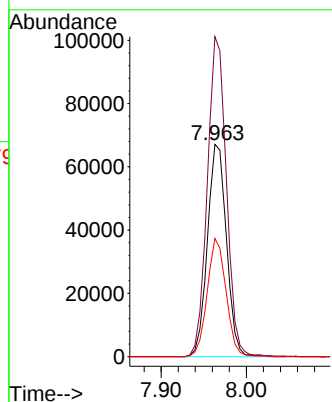
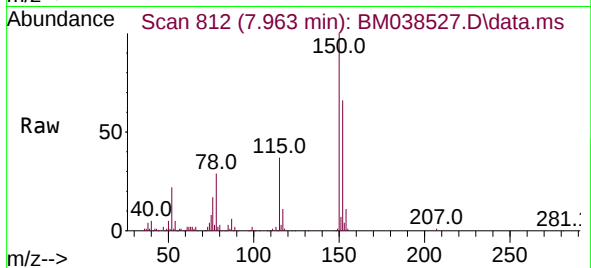




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM038527.D
Acq: 25 Jan 2023 11:36

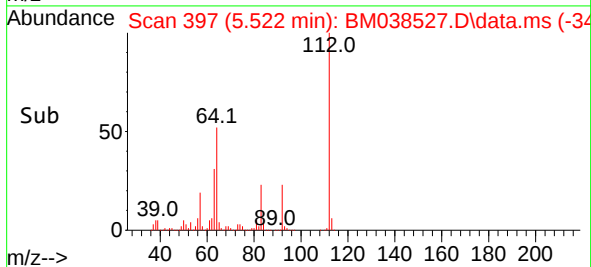
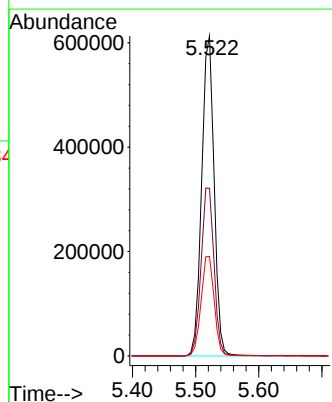
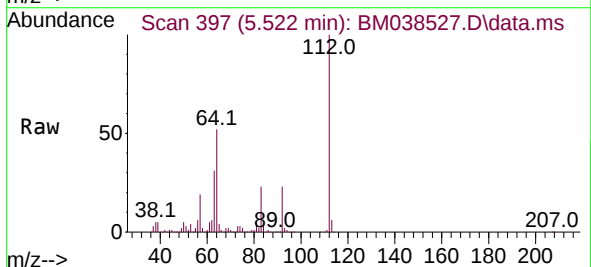
Instrument :
BNA_M
ClientSampleId :
PB150219BL

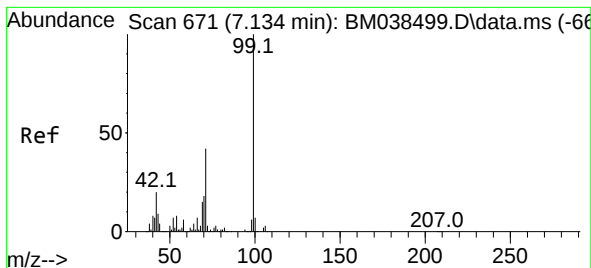
Tgt Ion:152 Resp: 104146
Ion Ratio Lower Upper
152 100
150 150.7 124.2 186.4
115 55.7 44.8 67.2



#5
2-Fluorophenol
Concen: 133.033 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM038527.D
Acq: 25 Jan 2023 11:36

Tgt Ion:112 Resp: 838100
Ion Ratio Lower Upper
112 100
64 52.4 47.3 70.9
63 31.1 28.8 43.2

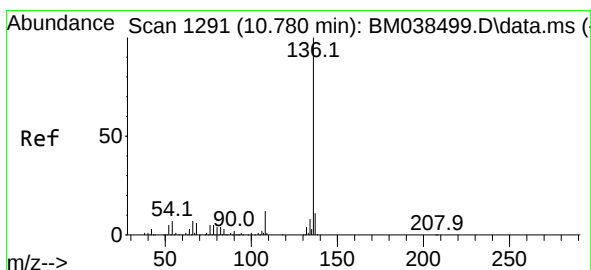
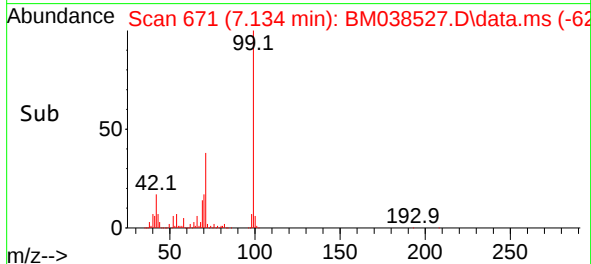
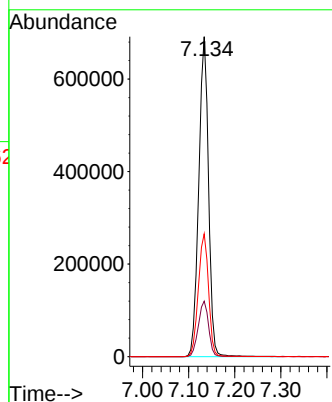
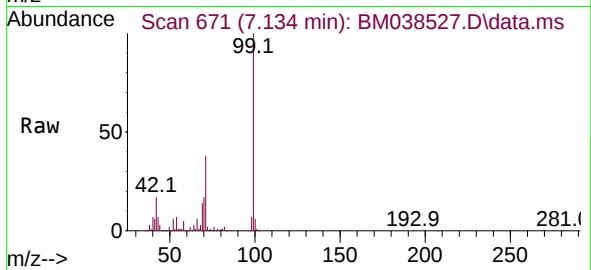




#7
Phenol-d6
Concen: 126.126 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038527.D
Acq: 25 Jan 2023 11:36

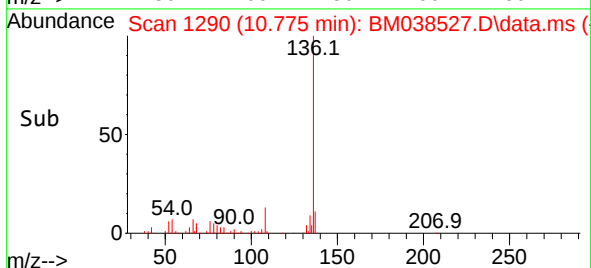
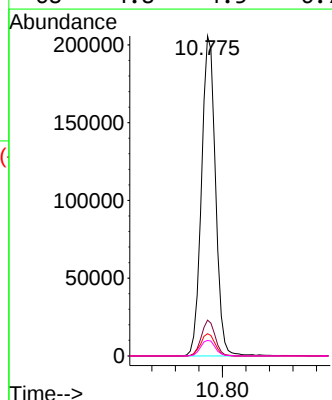
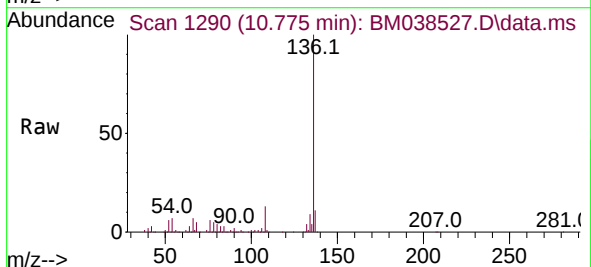
Instrument :
BNA_M
ClientSampleId :
PB150219BL

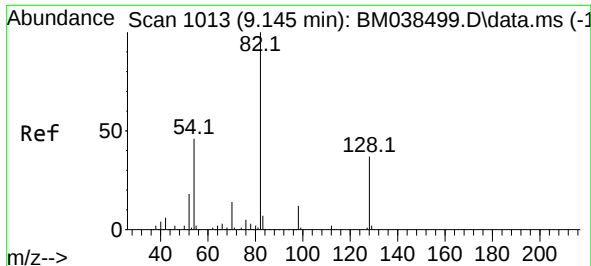
Tgt Ion: 99 Resp: 1013800
Ion Ratio Lower Upper
99 100
42 17.3 16.0 24.0
71 38.4 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM038527.D
Acq: 25 Jan 2023 11:36

Tgt Ion:136 Resp: 340222
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.9 6.0 9.0
68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 78.827 ng

RT: 9.139 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038527.D

Acq: 25 Jan 2023 11:36

Instrument :

BNA_M

ClientSampleId :

PB150219BL

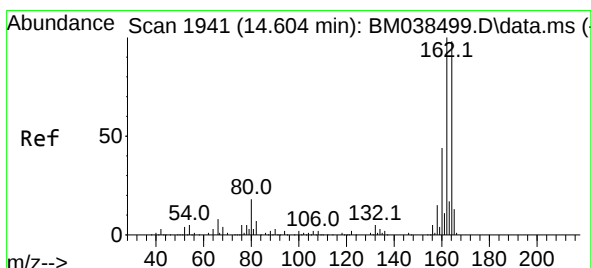
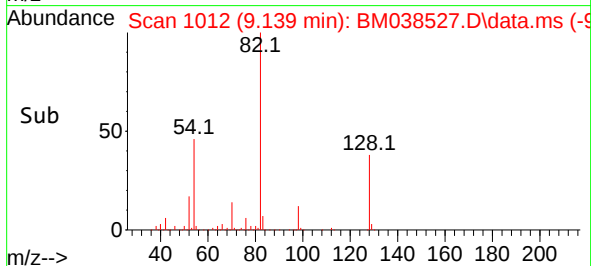
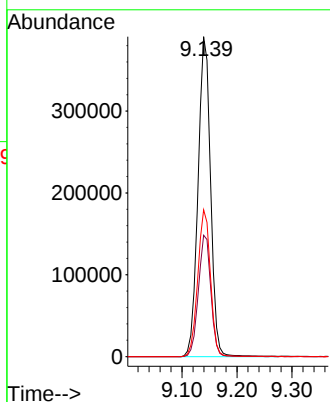
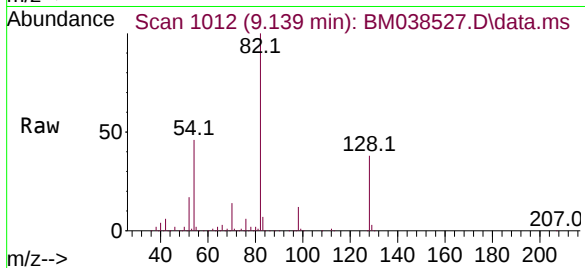
Tgt Ion: 82 Resp: 617583

Ion Ratio Lower Upper

82 100

128 37.9 29.3 43.9

54 45.9 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BM038527.D

Acq: 25 Jan 2023 11:36

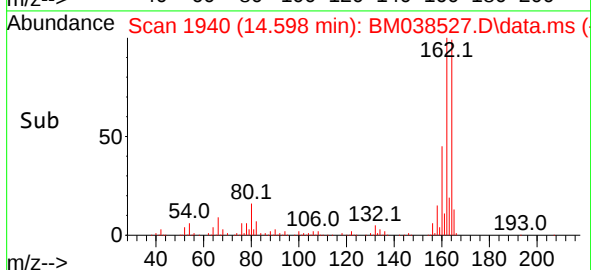
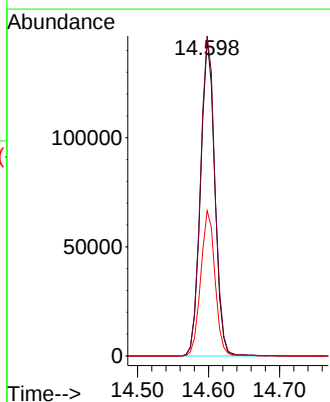
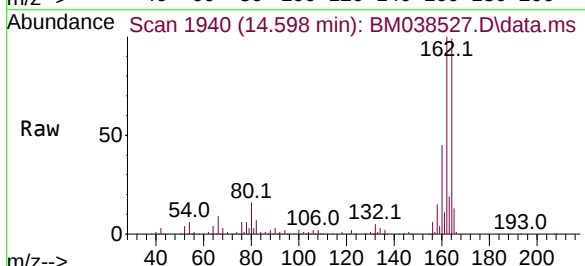
Tgt Ion: 164 Resp: 200563

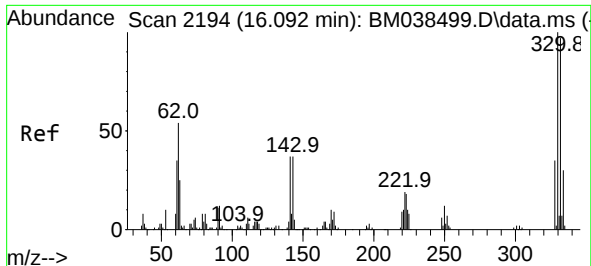
Ion Ratio Lower Upper

164 100

162 101.1 82.0 123.0

160 45.9 35.8 53.6

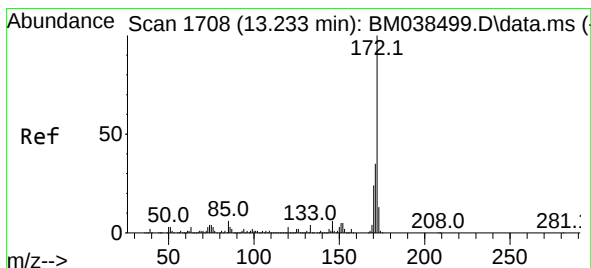
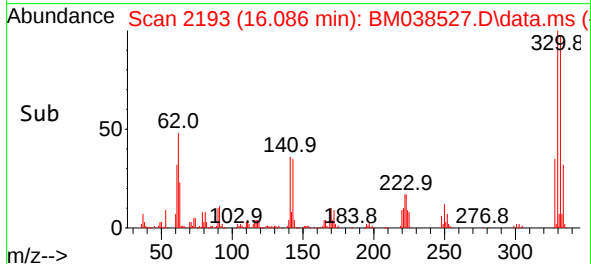
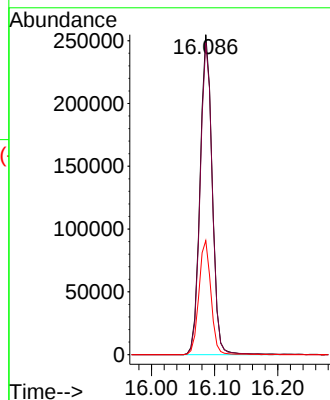
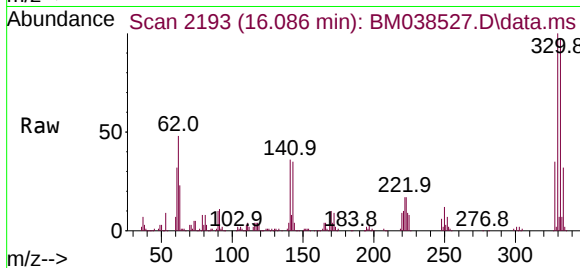




#42
2,4,6-Tribromophenol
Concen: 117.459 ng
RT: 16.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038527.D
Acq: 25 Jan 2023 11:36

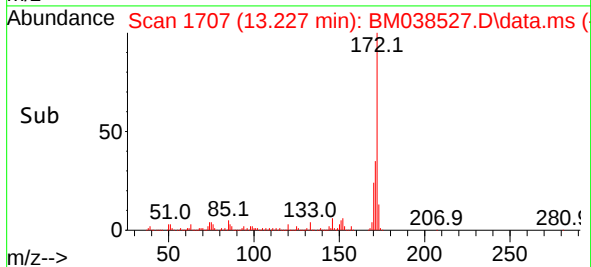
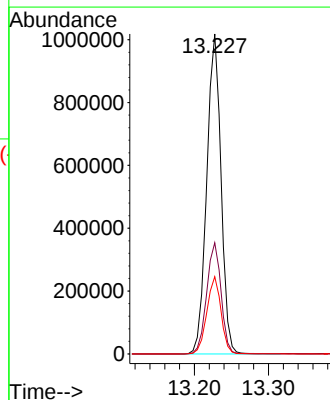
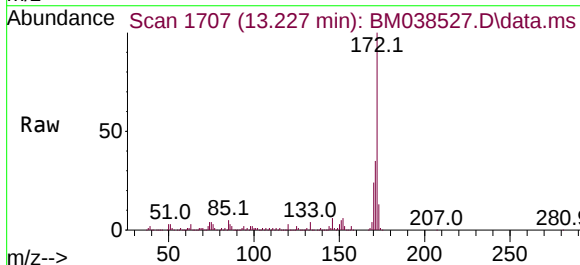
Instrument :
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ClientSampleId :
PB150219BL

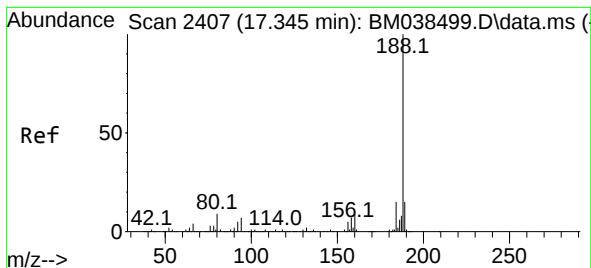
Tgt Ion:330 Resp: 339242
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 35.3 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 83.609 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038527.D
Acq: 25 Jan 2023 11:36

Tgt Ion:172 Resp: 1361315
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 24.2 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM038527.D

Acq: 25 Jan 2023 11:36

Instrument :

BNA_M

ClientSampleId :

PB150219BL

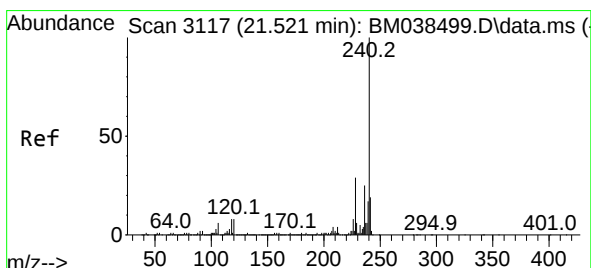
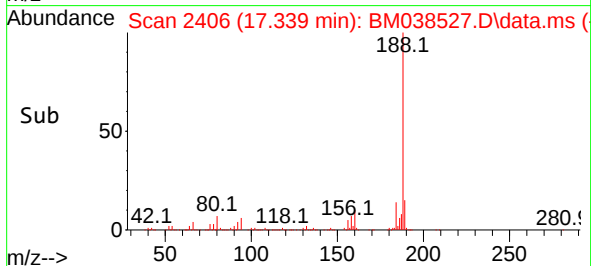
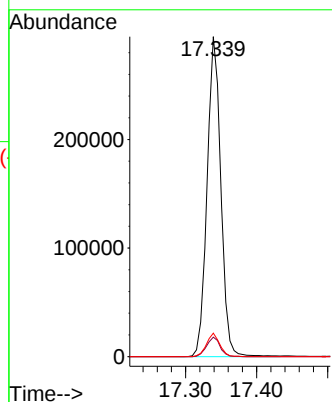
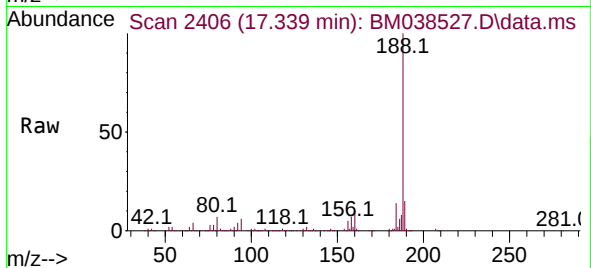
Tgt Ion:188 Resp: 395361

Ion Ratio Lower Upper

188 100

94 6.1 6.0 9.0

80 7.4 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: BM038527.D

Acq: 25 Jan 2023 11:36

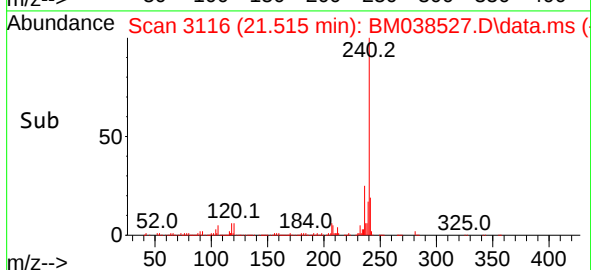
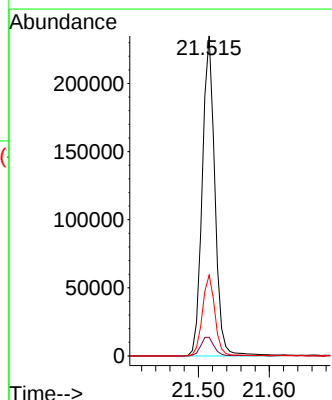
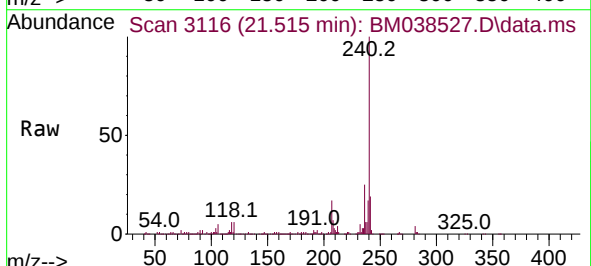
Tgt Ion:240 Resp: 288190

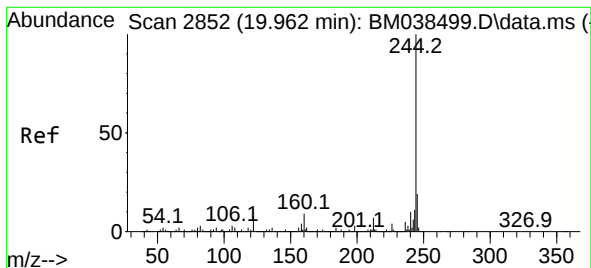
Ion Ratio Lower Upper

240 100

120 5.9 6.2 9.2#

236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 102.124 ng

RT: 19.956 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM038527.D

Acq: 25 Jan 2023 11:36

Instrument :

BNA_M

ClientSampleId :

PB150219BL

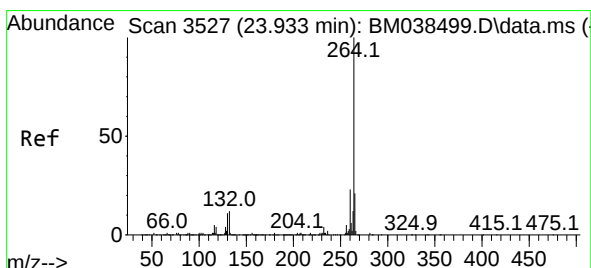
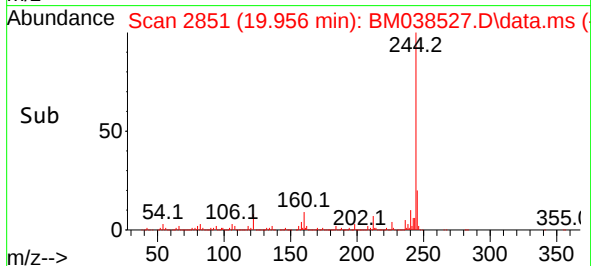
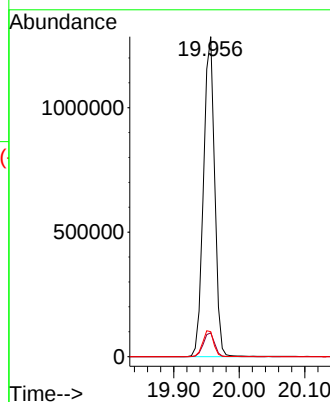
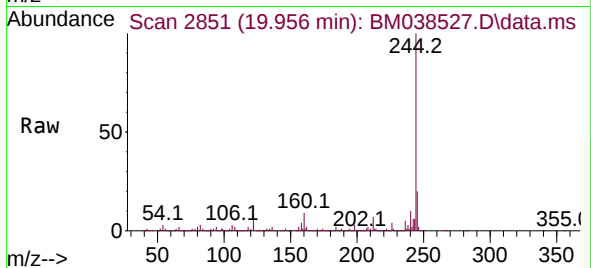
Tgt Ion:244 Resp: 1509665

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.8 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM038527.D

Acq: 25 Jan 2023 11:36

Tgt Ion:264 Resp: 312506

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.4 17.8 26.6

