

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
 Data File : BM038521.D
 Acq On : 24 Jan 2023 11:08
 Operator : CG/JU
 Sample : PB150200BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150200BL

Quant Time: Jan 25 03:13:38 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	7.963	152	75151	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	243247	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	139724	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	277349	20.000	ng	0.00
76) Chrysene-d12	21.515	240	239803	20.000	ng	0.00
86) Perylene-d12	23.921	264	302213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	559493	123.074	ng	0.00
7) Phenol-d6	7.128	99	664221	114.518	ng	0.00
23) Nitrobenzene-d5	9.139	82	413793	73.871	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	214307	106.511	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	860495	75.862	ng	0.00
79) Terphenyl-d14	19.956	244	1048821	85.265	ng	0.00

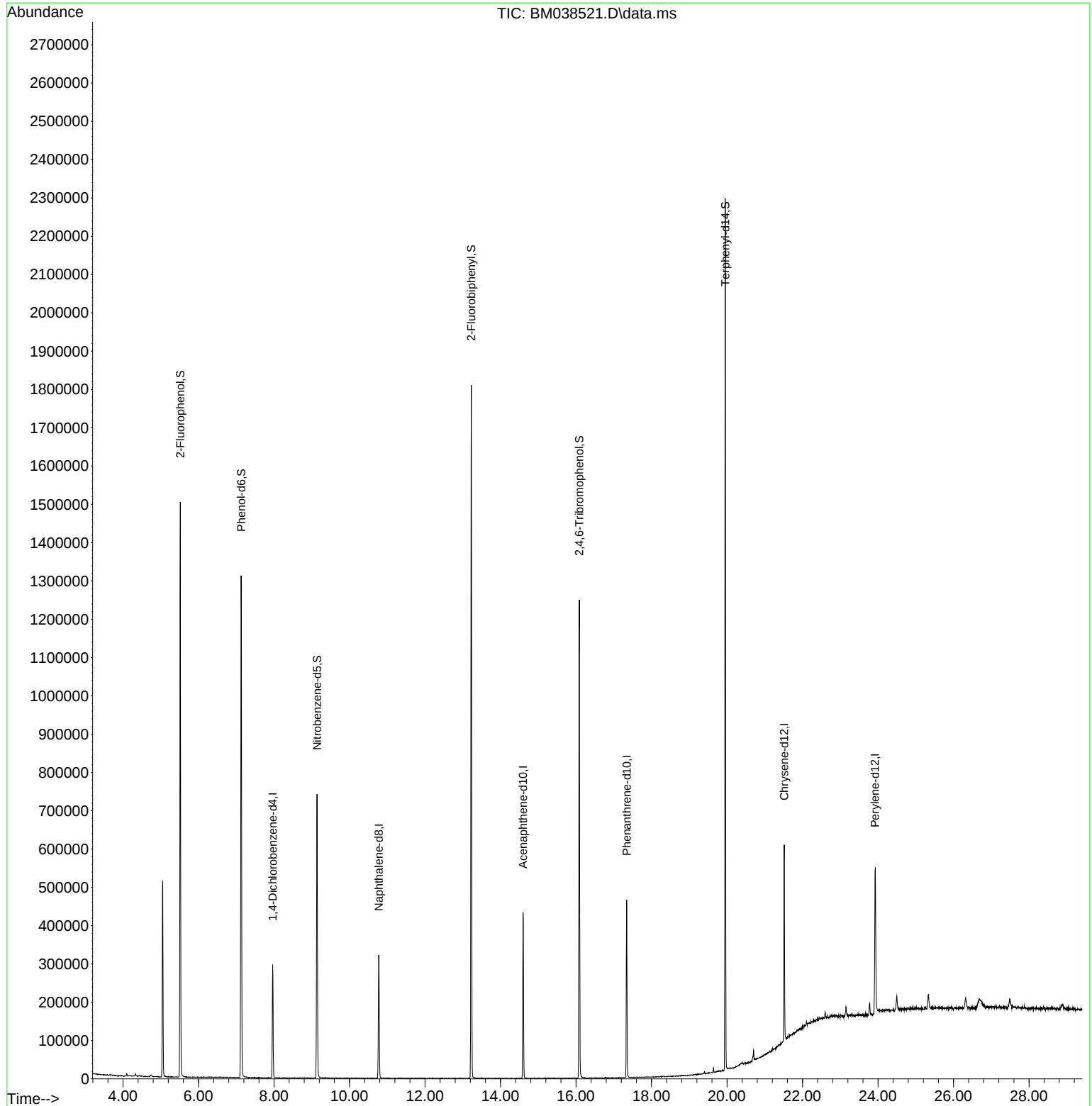
Target Compounds Qvalue

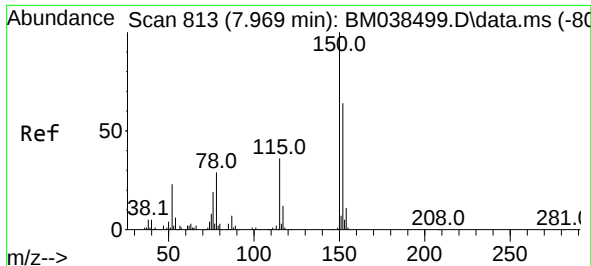
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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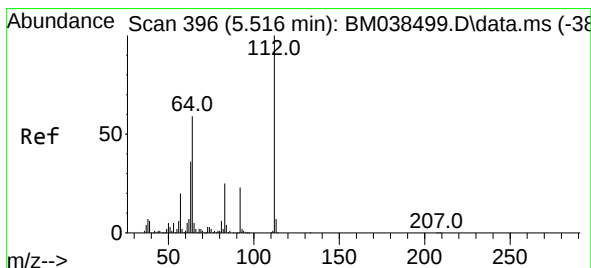
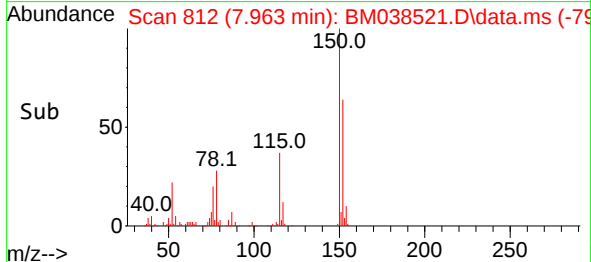
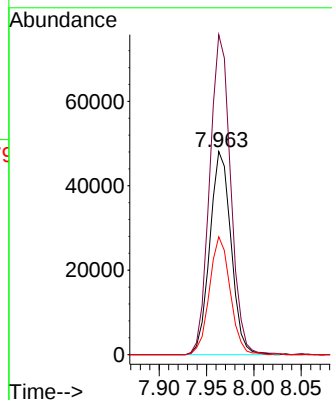
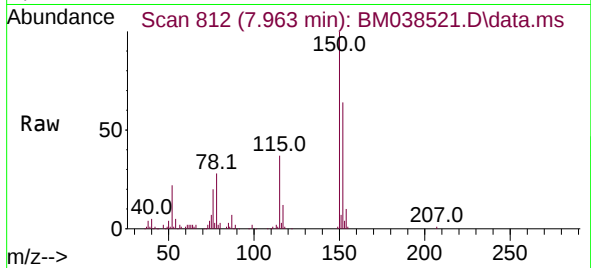




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM038521.D
Acq: 24 Jan 2023 11:08

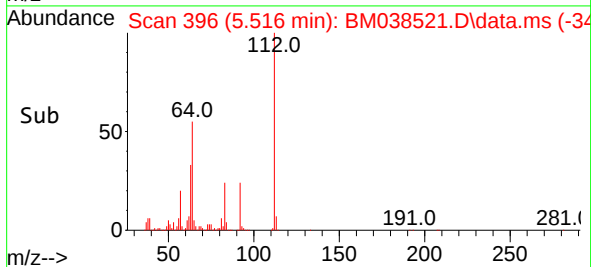
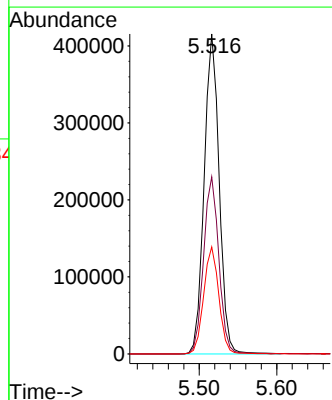
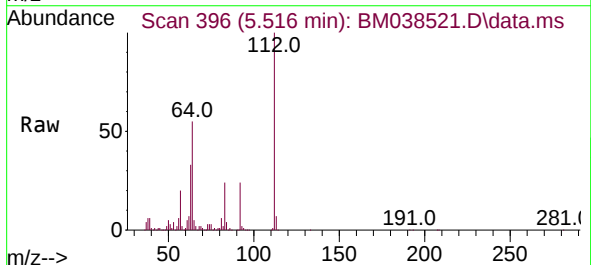
Instrument :
BNA_M
ClientSampleId :
PB150200BL

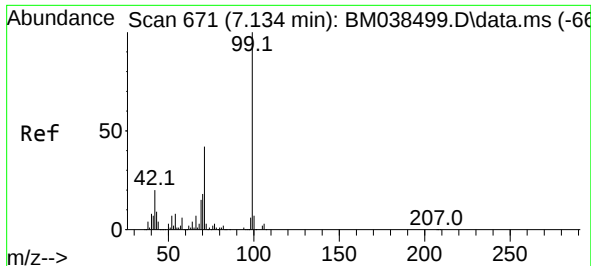
Tgt Ion:152 Resp: 75151
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.4
115 58.0 44.8 67.2



#5
2-Fluorophenol
Concen: 123.074 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038521.D
Acq: 24 Jan 2023 11:08

Tgt Ion:112 Resp: 559493
Ion Ratio Lower Upper
112 100
64 55.3 47.3 70.9
63 33.5 28.8 43.2

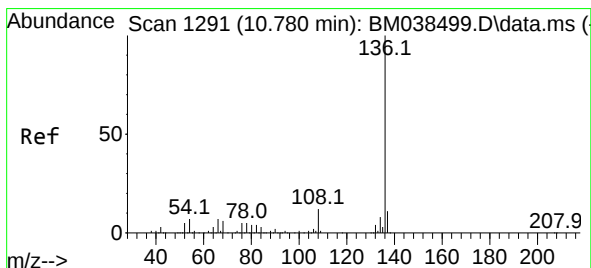
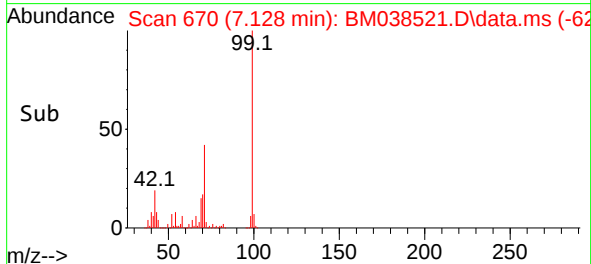
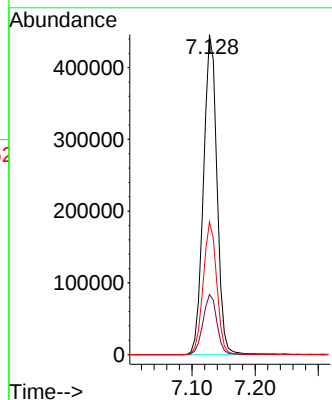
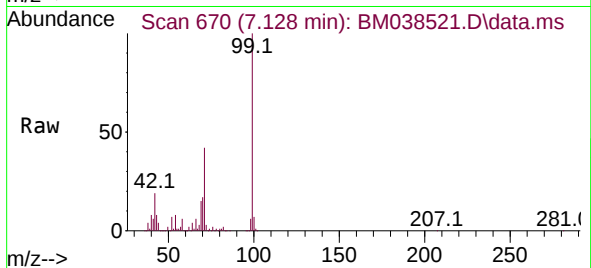




#7
Phenol-d6
Concen: 114.518 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038521.D
Acq: 24 Jan 2023 11:08

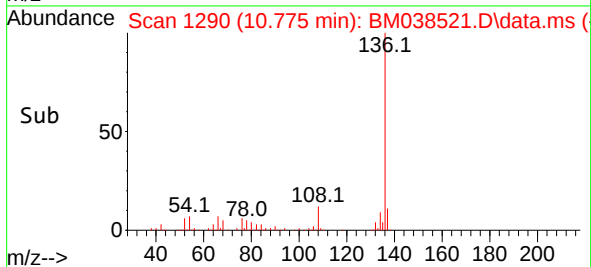
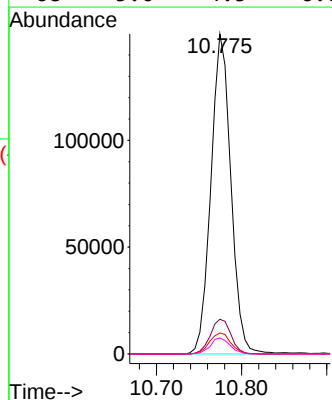
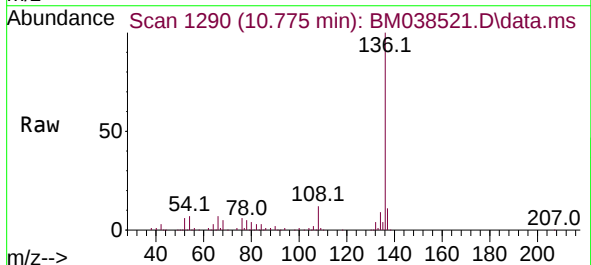
Instrument :
BNA_M
ClientSampleId :
PB150200BL

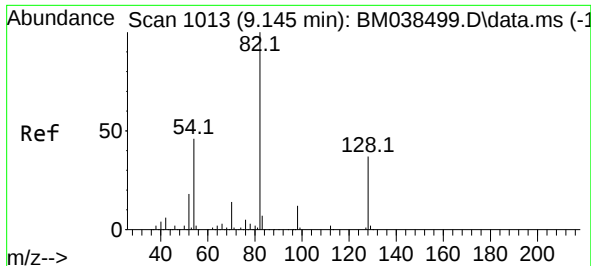
Tgt Ion: 99 Resp: 664221
Ion Ratio Lower Upper
99 100
42 18.8 16.0 24.0
71 41.5 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM038521.D
Acq: 24 Jan 2023 11:08

Tgt Ion: 136 Resp: 243247
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.5 6.0 9.0
68 5.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 73.871 ng

RT: 9.139 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM038521.D

Acq: 24 Jan 2023 11:08

Instrument :

BNA_M

ClientSampleId :

PB150200BL

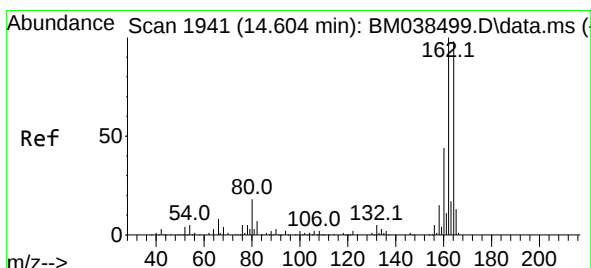
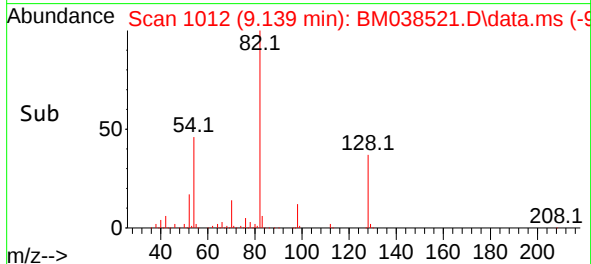
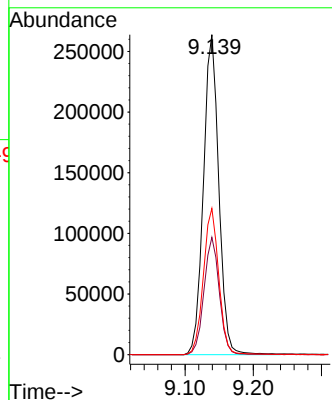
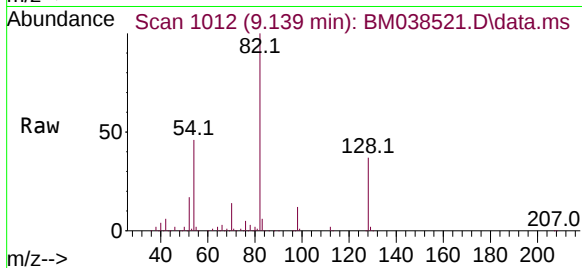
Tgt Ion: 82 Resp: 413793

Ion Ratio Lower Upper

82 100

128 36.7 29.3 43.9

54 45.7 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: BM038521.D

Acq: 24 Jan 2023 11:08

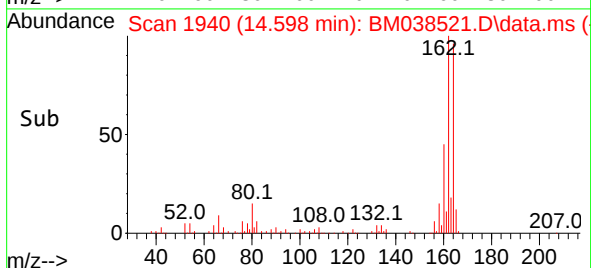
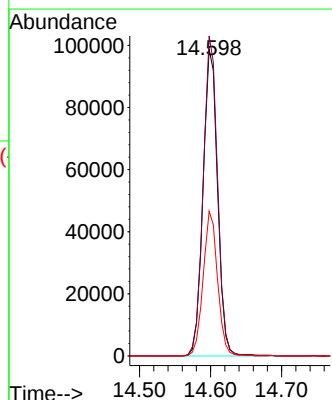
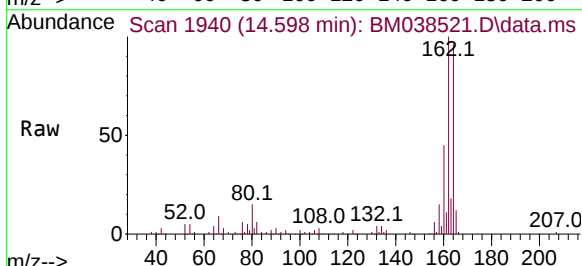
Tgt Ion: 164 Resp: 139724

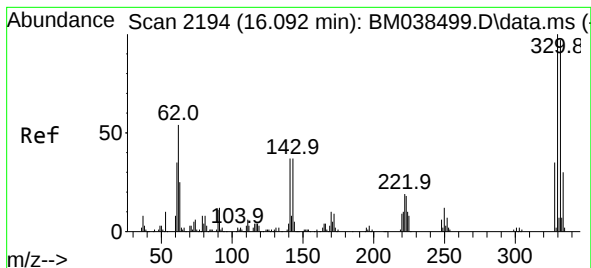
Ion Ratio Lower Upper

164 100

162 104.4 82.0 123.0

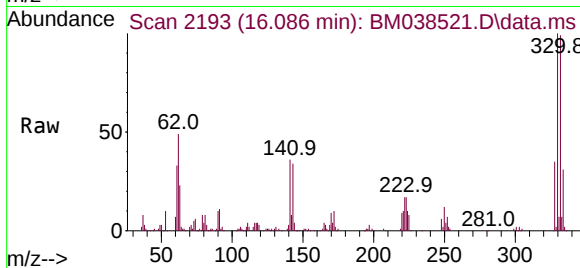
160 47.2 35.8 53.6



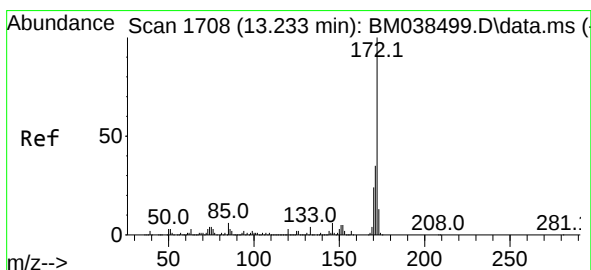
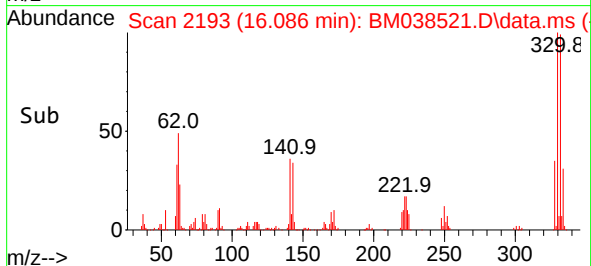
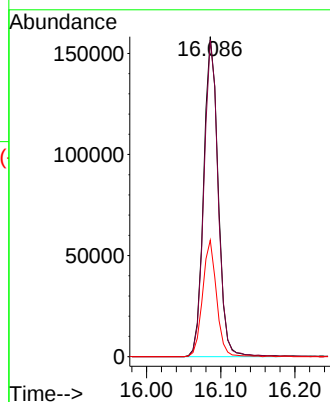


#42
2,4,6-Tribromophenol
Concen: 106.511 ng
RT: 16.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038521.D
Acq: 24 Jan 2023 11:08

Instrument :
BNA_M
ClientSampleId :
PB150200BL

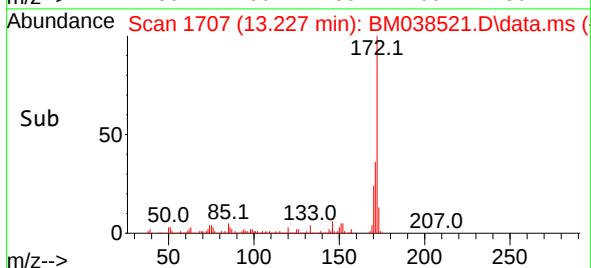
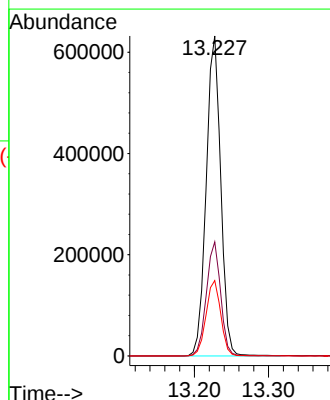
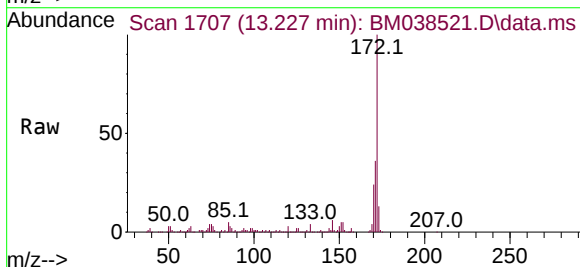


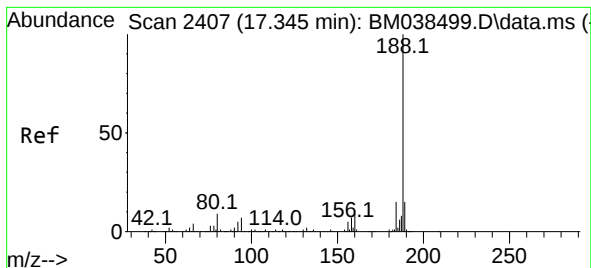
Tgt Ion:330 Resp: 214307
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 35.0 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 75.862 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038521.D
Acq: 24 Jan 2023 11:08

Tgt Ion:172 Resp: 860495
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.6 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038521.D

Acq: 24 Jan 2023 11:08

Instrument :

BNA_M

ClientSampleId :

PB150200BL

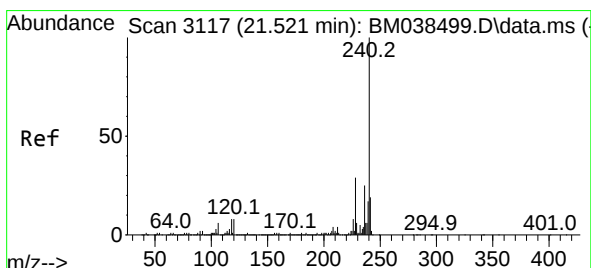
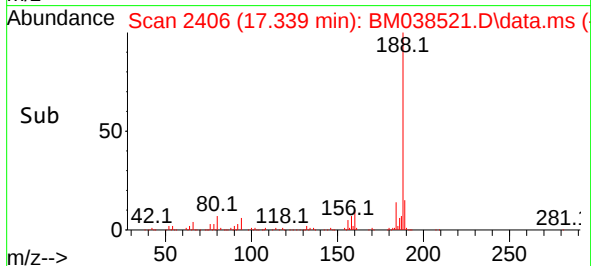
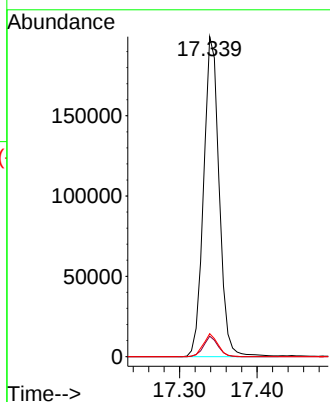
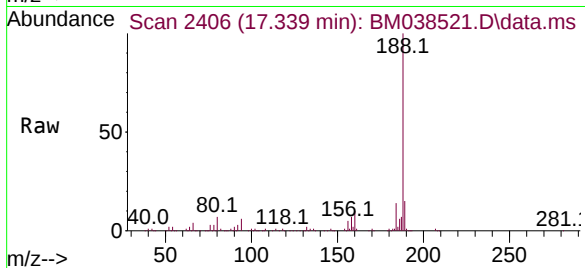
Tgt Ion:188 Resp: 277349

Ion Ratio Lower Upper

188 100

94 6.4 6.0 9.0

80 7.2 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: BM038521.D

Acq: 24 Jan 2023 11:08

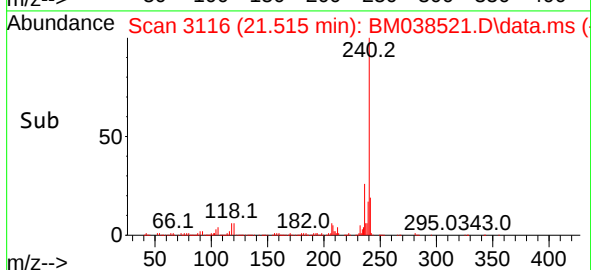
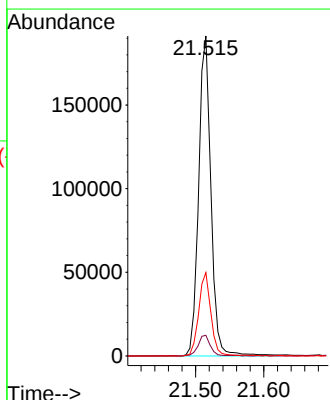
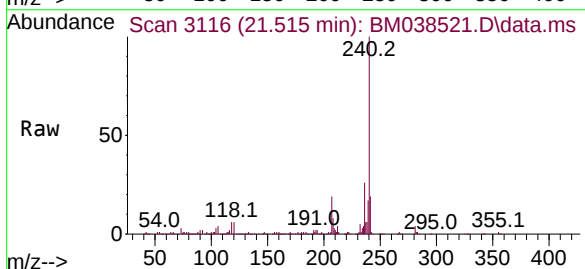
Tgt Ion:240 Resp: 239803

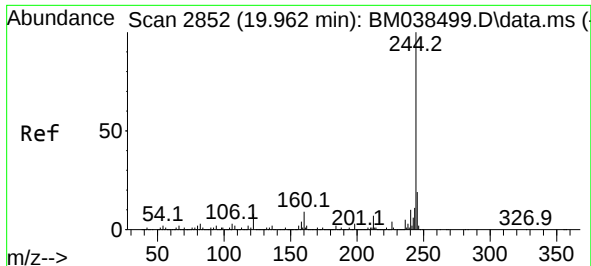
Ion Ratio Lower Upper

240 100

120 6.4 6.2 9.2

236 26.0 20.2 30.2

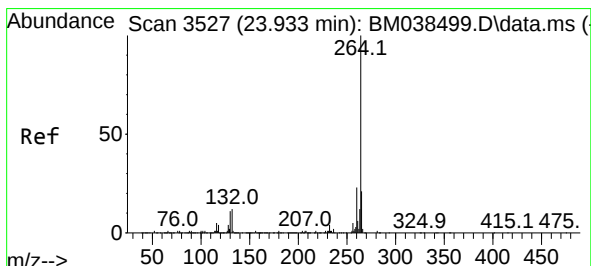
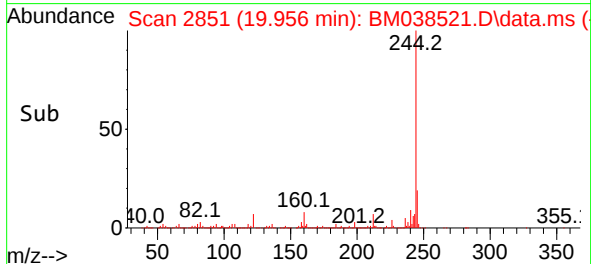
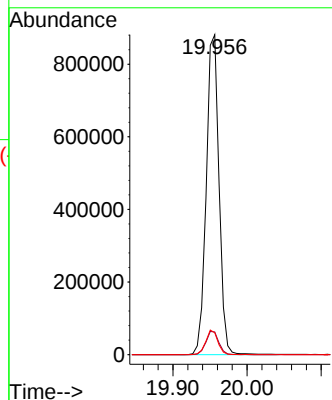
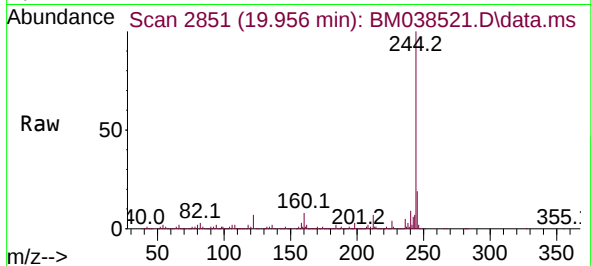




#79
 Terphenyl-d14
 Concen: 85.265 ng
 RT: 19.956 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038521.D
 Acq: 24 Jan 2023 11:08

Instrument :
 BNA_M
 ClientSampleId :
 PB150200BL

Tgt Ion:244 Resp: 1048821
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.8 6.7 10.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM038521.D
 Acq: 24 Jan 2023 11:08

Tgt Ion:264 Resp: 302213
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 22.6 17.8 26.6

