

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038532.D
 Acq On : 25 Jan 2023 15:22
 Operator : CG/JU
 Sample : PB150220BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150220BL

Quant Time: Jan 25 23:16:13 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	67395	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	206500	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	117645	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	245876	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	251131	20.000	ng	# 0.00
86) Perylene-d12	23.927	264	359552	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	501004	122.891	ng	0.00
7) Phenol-d6	7.128	99	584778	112.424	ng	0.00
23) Nitrobenzene-d5	9.139	82	364766	76.707	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	189986	112.144	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	744348	77.938	ng	0.00
79) Terphenyl-d14	19.956	244	1058691	82.186	ng	0.00

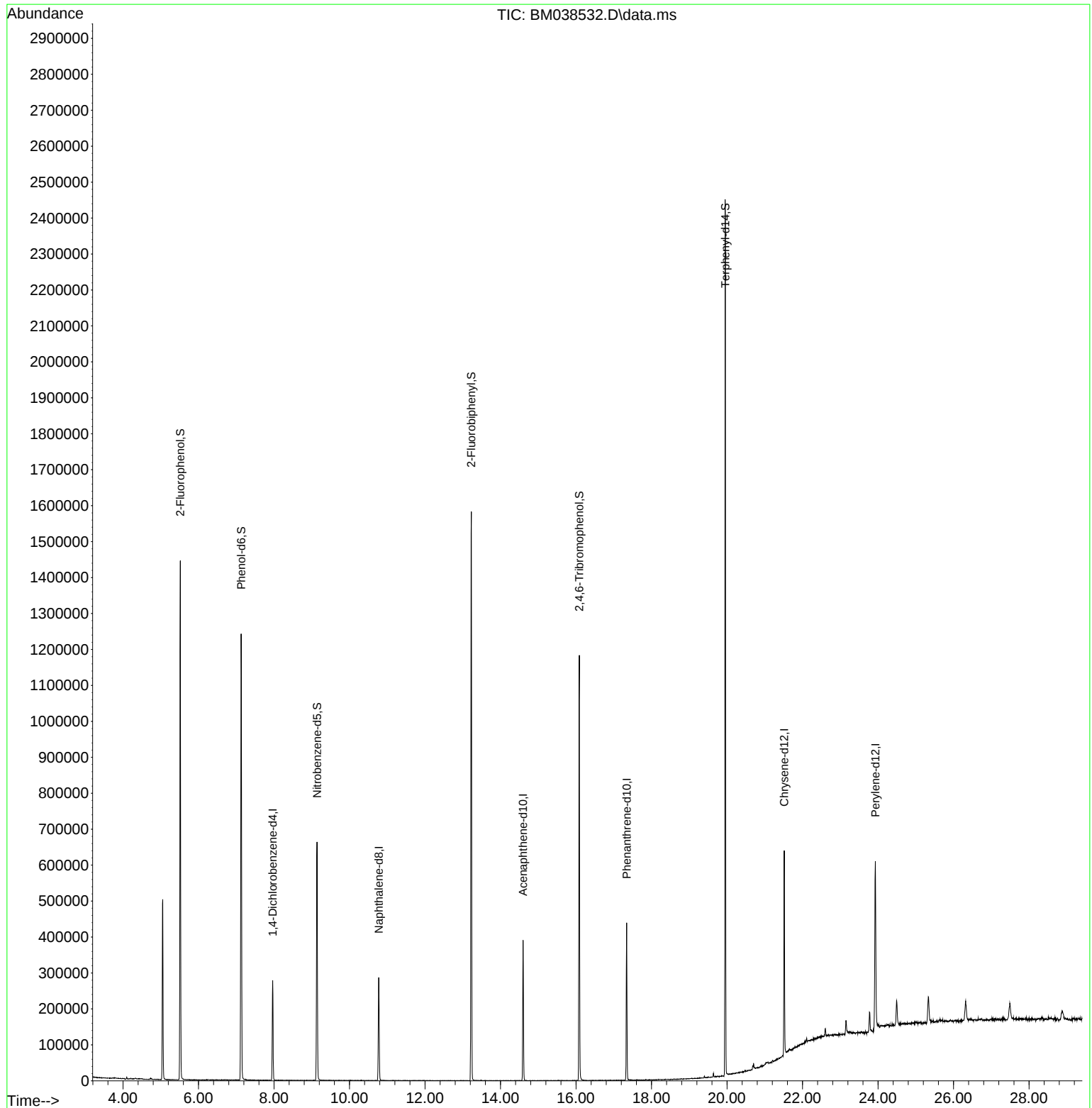
Target Compounds	Qvalue

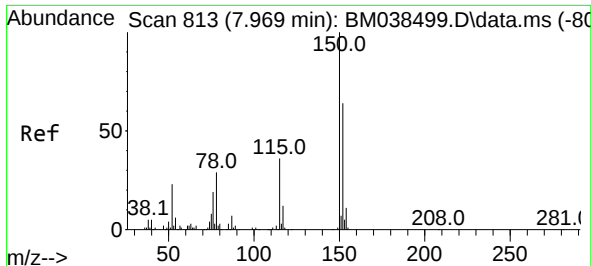
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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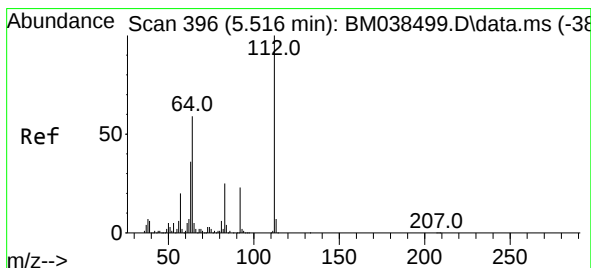
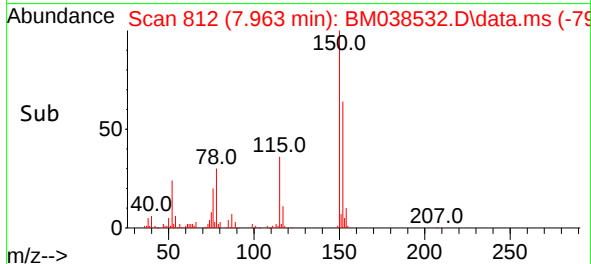
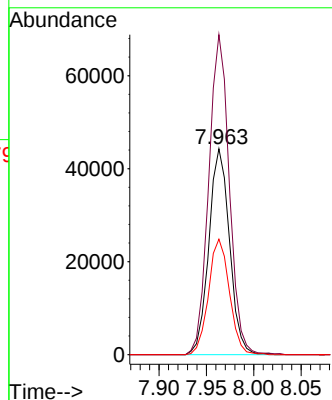
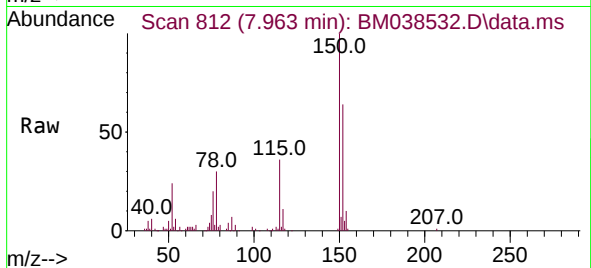




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM038532.D
Acq: 25 Jan 2023 15:22

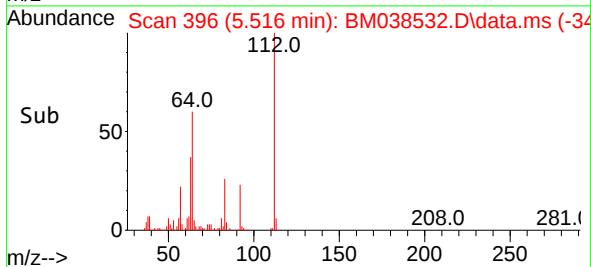
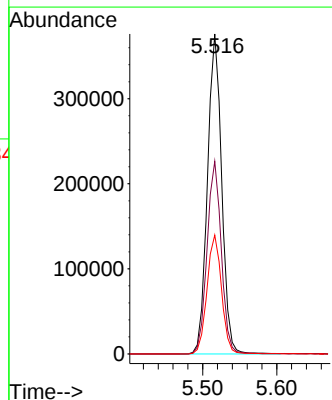
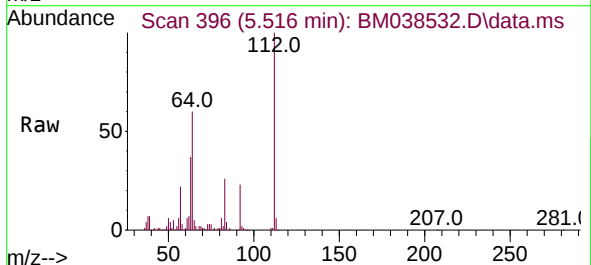
Instrument :
BNA_M
ClientSampleId :
PB150220BL

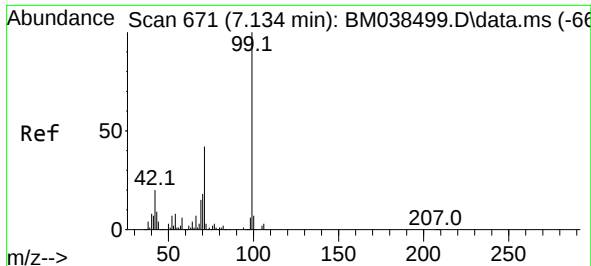
Tgt Ion:152 Resp: 67395
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.4
115 56.1 44.8 67.2



#5
2-Fluorophenol
Concen: 122.891 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038532.D
Acq: 25 Jan 2023 15:22

Tgt Ion:112 Resp: 501004
Ion Ratio Lower Upper
112 100
64 60.2 47.3 70.9
63 37.1 28.8 43.2

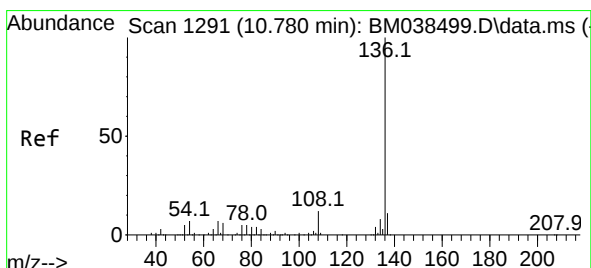
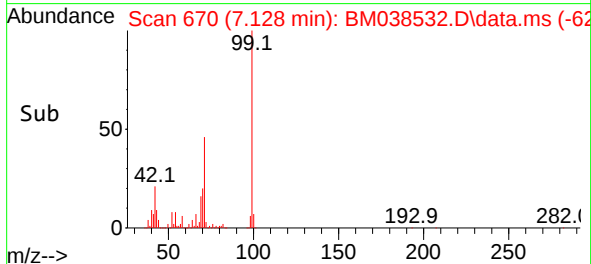
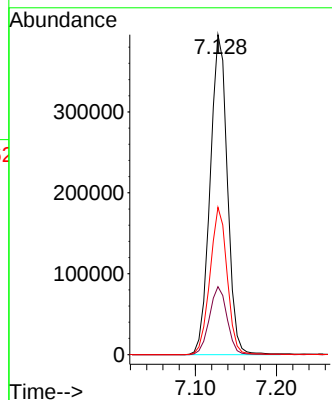
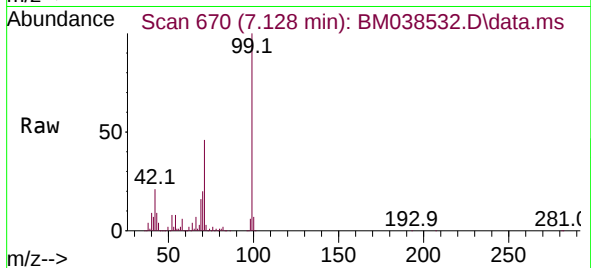




#7
Phenol-d6
Concen: 112.424 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038532.D
Acq: 25 Jan 2023 15:22

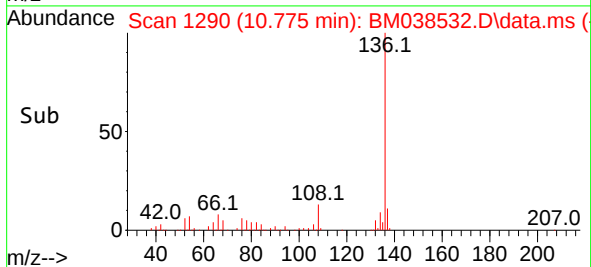
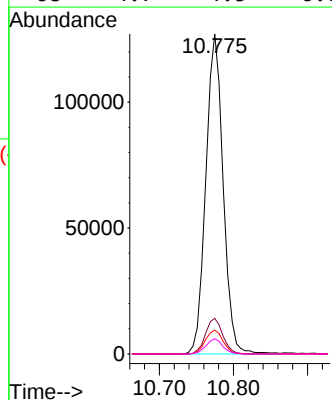
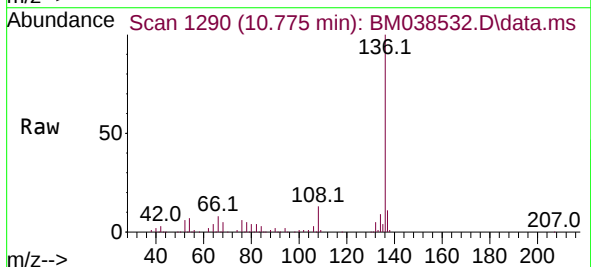
Instrument :
BNA_M
ClientSampleId :
PB150220BL

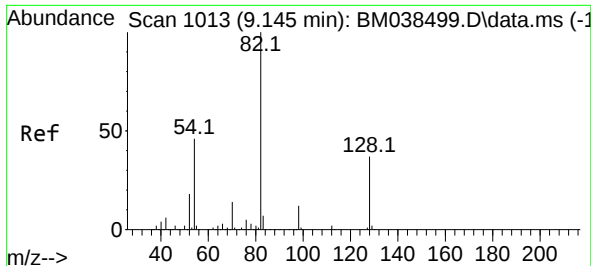
Tgt Ion: 99 Resp: 584778
Ion Ratio Lower Upper
99 100
42 21.2 16.0 24.0
71 46.0 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM038532.D
Acq: 25 Jan 2023 15:22

Tgt Ion: 136 Resp: 206500
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.0 9.0
68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 76.707 ng

RT: 9.139 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038532.D

Acq: 25 Jan 2023 15:22

Instrument :

BNA_M

ClientSampleId :

PB150220BL

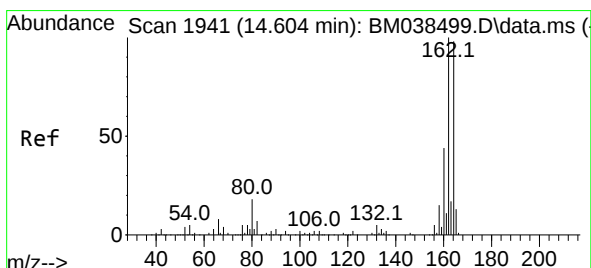
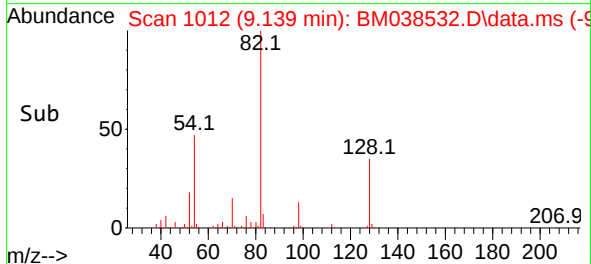
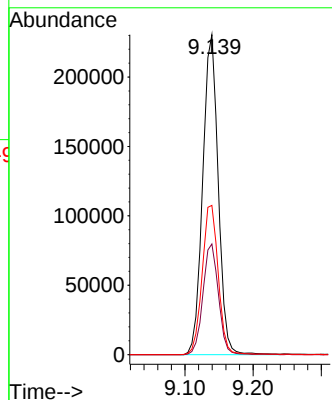
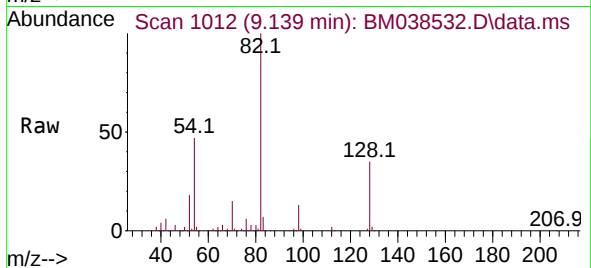
Tgt Ion: 82 Resp: 364766

Ion Ratio Lower Upper

82 100

128 34.6 29.3 43.9

54 46.6 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: BM038532.D

Acq: 25 Jan 2023 15:22

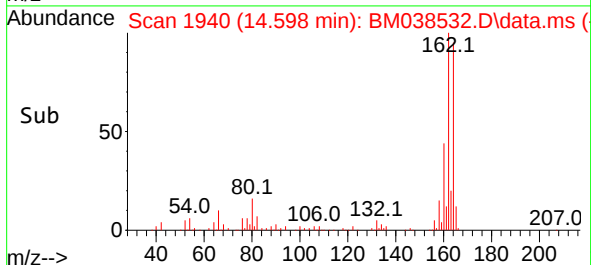
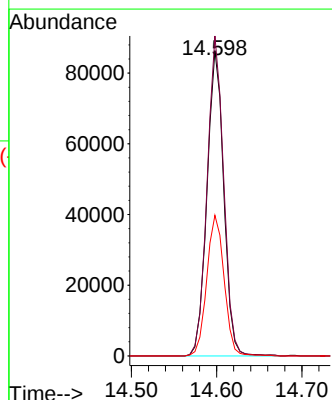
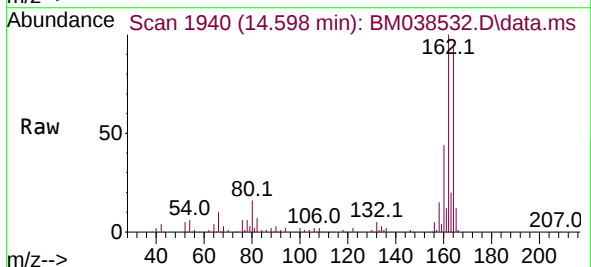
Tgt Ion: 164 Resp: 117645

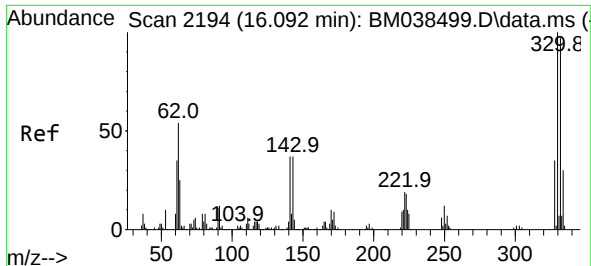
Ion Ratio Lower Upper

164 100

162 104.8 82.0 123.0

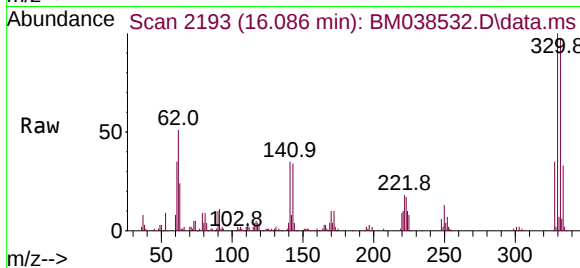
160 46.0 35.8 53.6



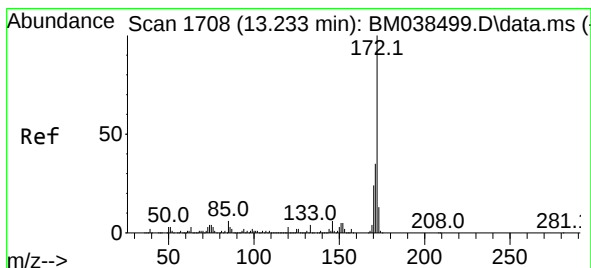
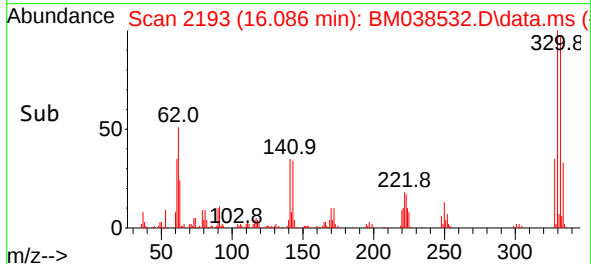
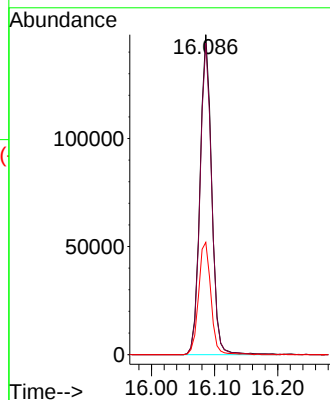


#42
2,4,6-Tribromophenol
Concen: 112.144 ng
RT: 16.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038532.D
Acq: 25 Jan 2023 15:22

Instrument :
BNA_M
ClientSampleId :
PB150220BL

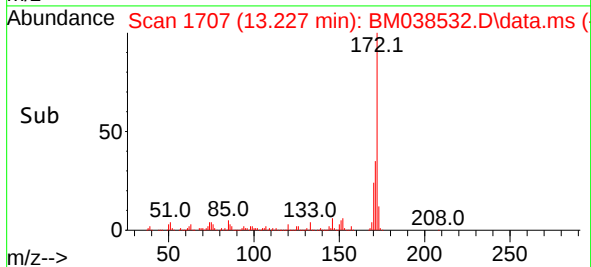
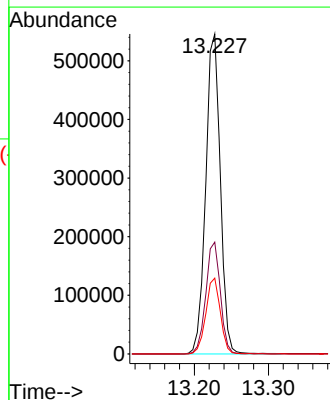
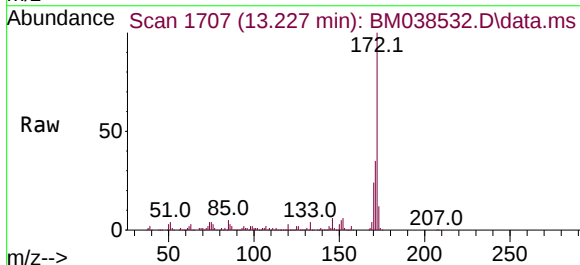


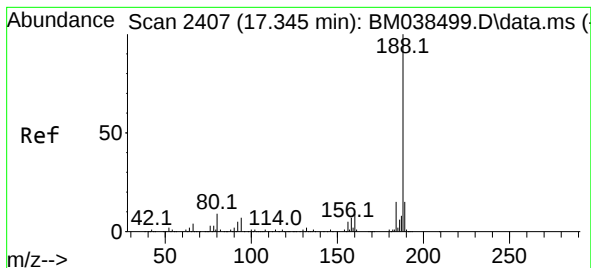
Tgt Ion:330 Resp: 189986
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 36.9 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 77.938 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038532.D
Acq: 25 Jan 2023 15:22

Tgt Ion:172 Resp: 744348
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 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: BM038532.D

Acq: 25 Jan 2023 15:22

Instrument :

BNA_M

ClientSampleId :

PB150220BL

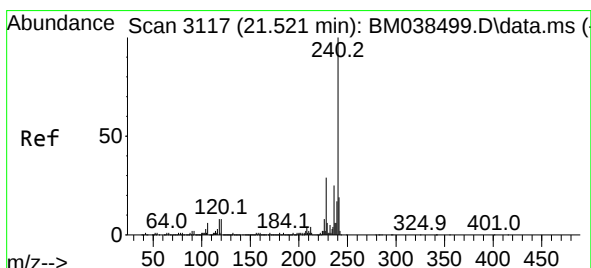
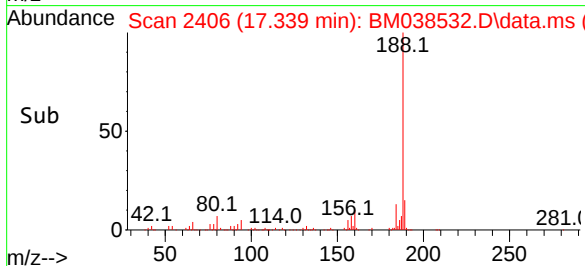
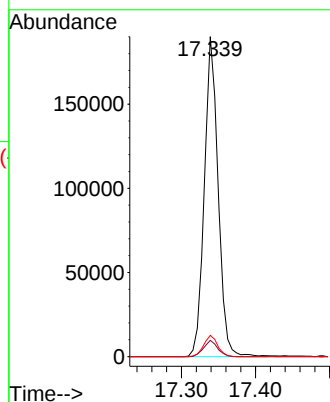
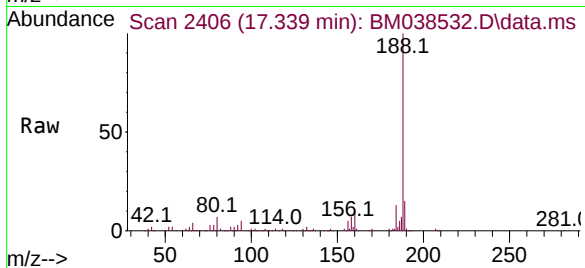
Tgt Ion:188 Resp: 245876

Ion Ratio Lower Upper

188 100

94 5.1 6.0 9.0#

80 6.6 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: BM038532.D

Acq: 25 Jan 2023 15:22

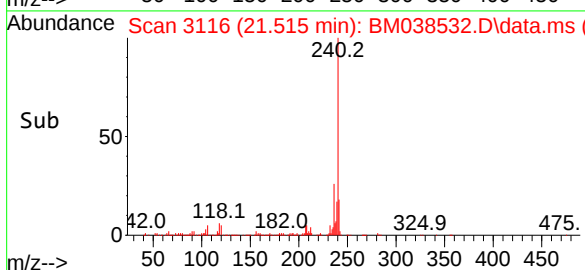
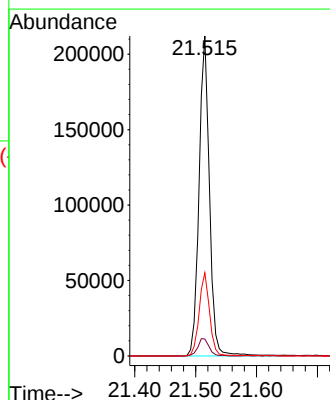
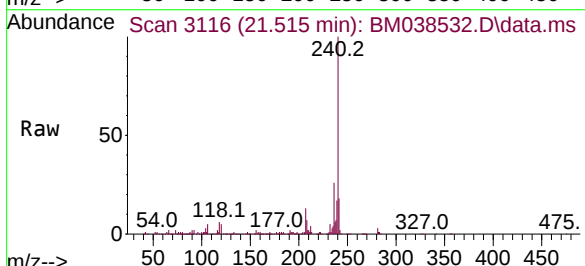
Tgt Ion:240 Resp: 251131

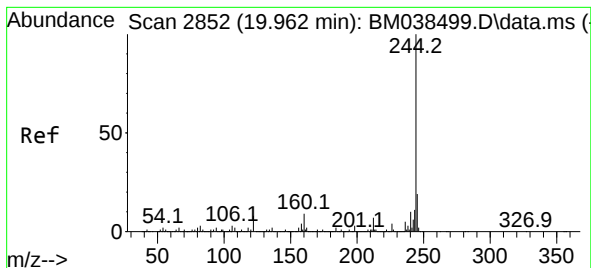
Ion Ratio Lower Upper

240 100

120 5.3 6.2 9.2#

236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 82.186 ng

RT: 19.956 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM038532.D

Acq: 25 Jan 2023 15:22

Instrument :

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ClientSampleId :

PB150220BL

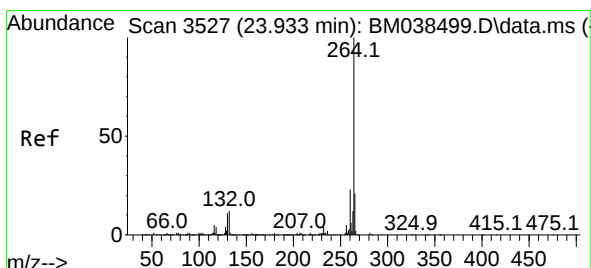
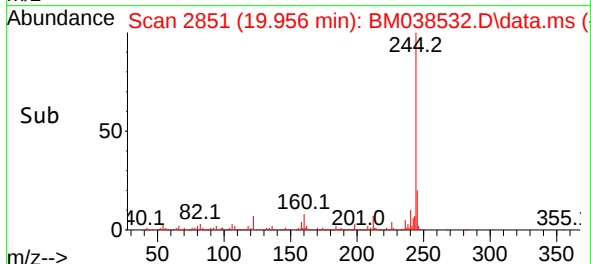
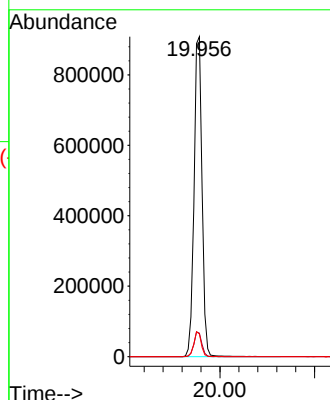
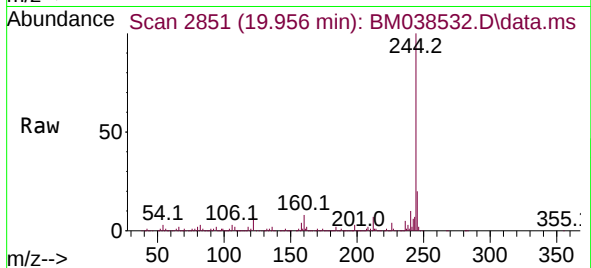
Tgt Ion:244 Resp: 1058691

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.1 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: BM038532.D

Acq: 25 Jan 2023 15:22

Tgt Ion:264 Resp: 359552

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.8 26.6

