

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111022\
 Data File : BM037455.D
 Acq On : 10 Nov 2022 17:22
 Operator : CG/JU
 Sample : N5495-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-29A

Quant Time: Nov 11 00:18:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 09 02:08:14 2022
 Response via : Initial Calibration

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

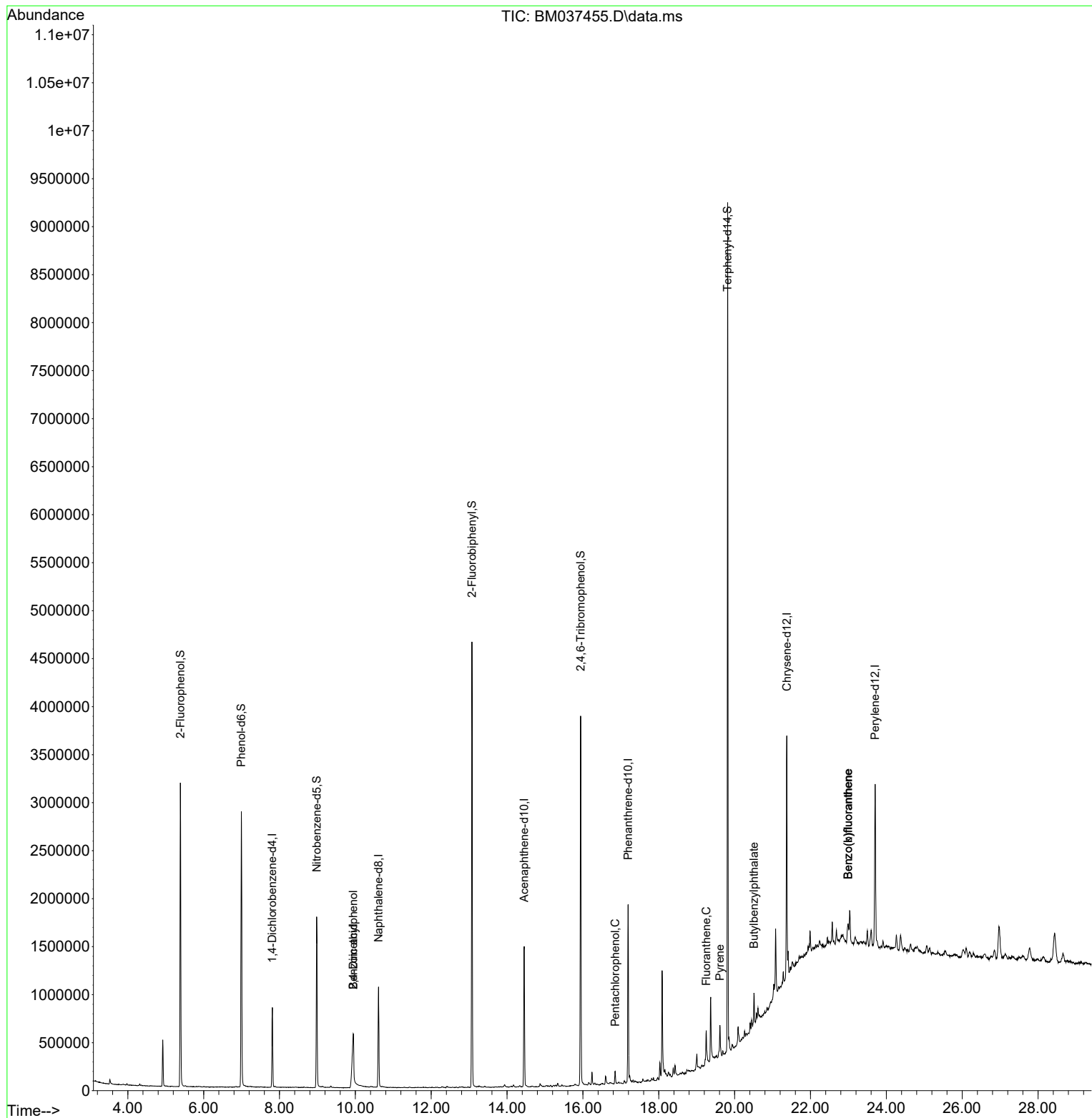
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	215696	20.000	ng	-0.01
21) Naphthalene-d8	10.610	136	852909	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	503422	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1050460	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1083147	20.000	ng	0.00
86) Perylene-d12	23.703	264	1136260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1309000	104.846	ng	0.00
7) Phenol-d6	6.992	99	1648385	97.279	ng	-0.01
23) Nitrobenzene-d5	8.980	82	1001442	59.239	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	722903	121.851	ng	-0.02
45) 2-Fluorobiphenyl	13.074	172	2235674	59.007	ng	-0.02
79) Terphenyl-d14	19.815	244	3757285	62.206	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.945	122	390300	34.276	ng	# 5
32) Benzoic acid	9.945	122	418196	41.465	ng	98
70) Pentachlorophenol	16.851	266	25348	3.054	ng	97
75) Fluoranthene	19.250	202	140456	2.039	ng	99
78) Pyrene	19.609	202	188856	2.267	ng	100
80) Butylbenzylphthalate	20.509	149	96993	3.261	ng	99
88) Benzo(b)fluoranthene	22.991	252	164525	2.086	ng	# 90
89) Benzo(k)fluoranthene	22.991	252	164525	2.045	ng	# 90

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

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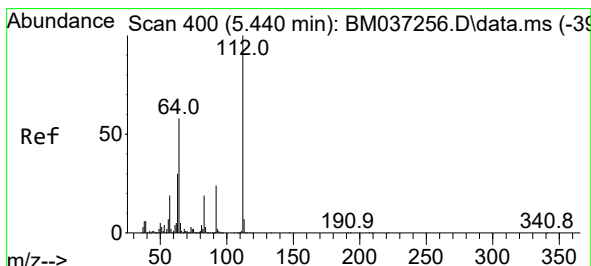
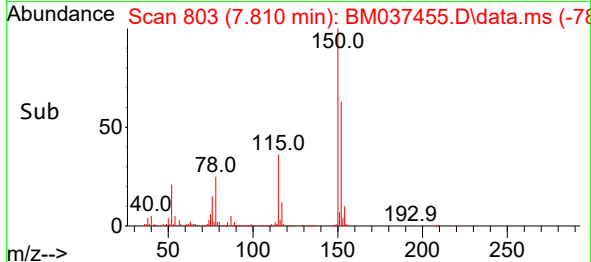
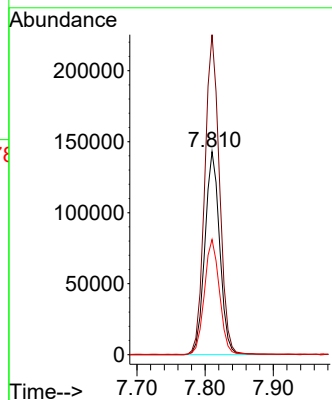
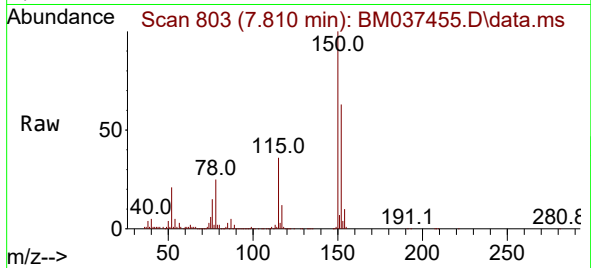




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

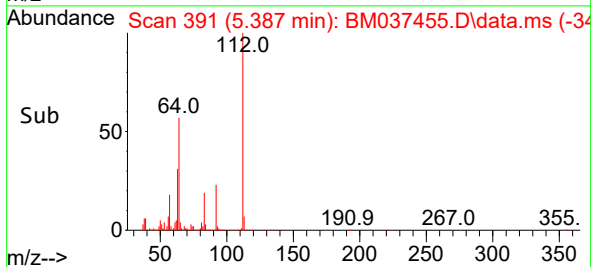
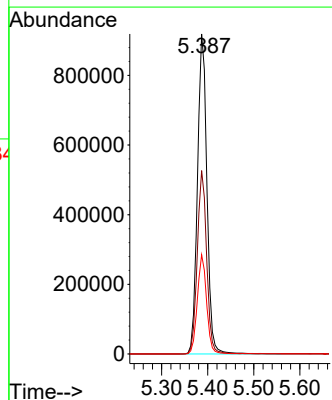
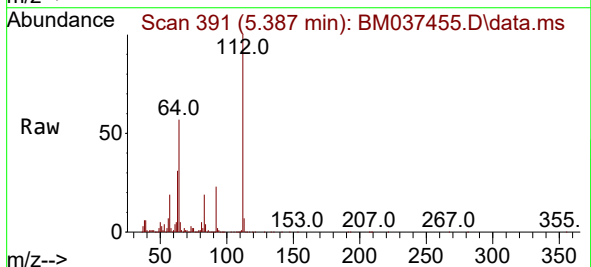
Instrument :
BNA_M
ClientSampleId :
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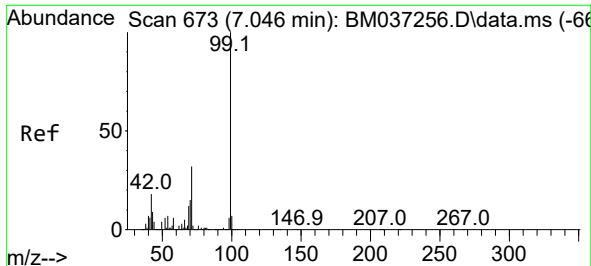
Tgt Ion:152 Resp: 215696
Ion Ratio Lower Upper
152 100
150 157.6 124.8 187.2
115 56.7 47.0 70.4



#5
2-Fluorophenol
Concen: 104.846 ng
RT: 5.387 min Scan# 391
Delta R.T. -0.006 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

Tgt Ion:112 Resp: 1309000
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 31.0 24.4 36.6

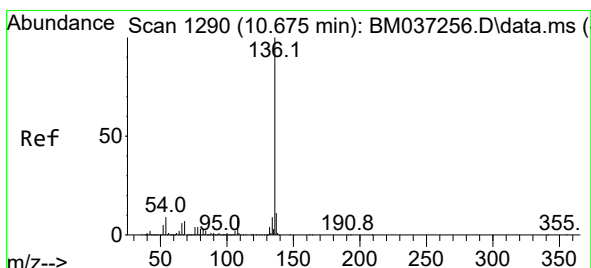
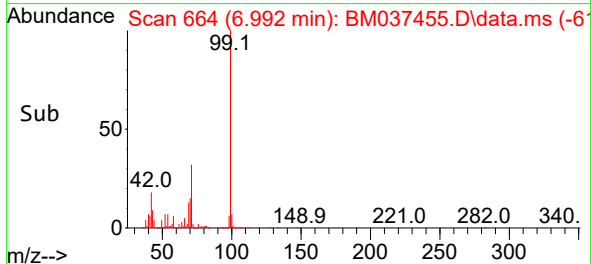
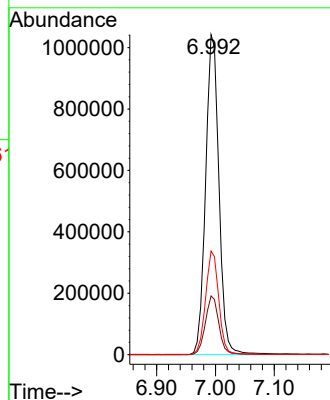
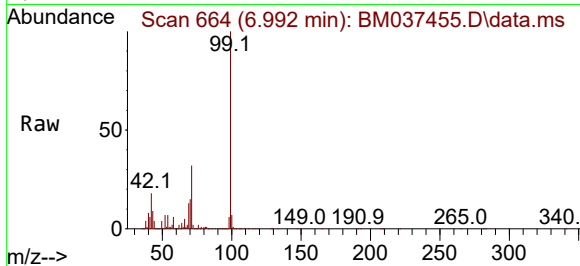




#7
Phenol-d6
Concen: 97.279 ng
RT: 6.992 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

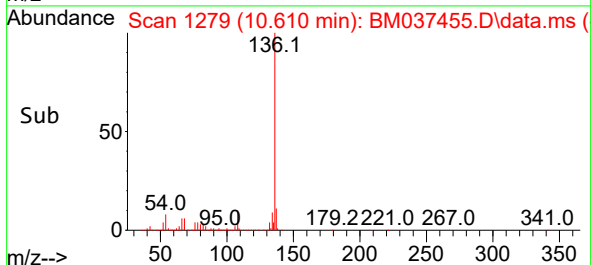
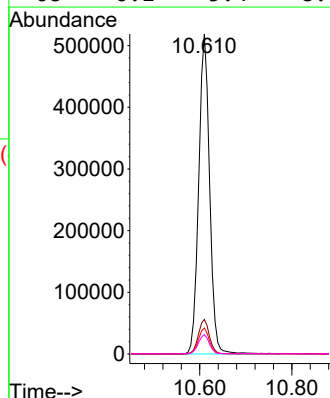
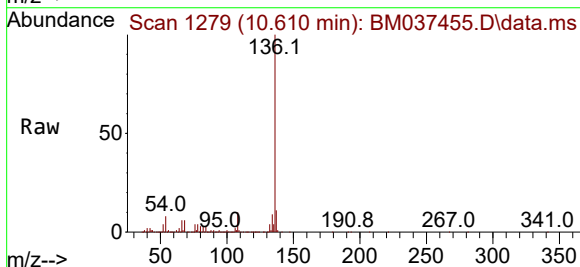
Instrument :
BNA_M
ClientSampleId :
SB-29A

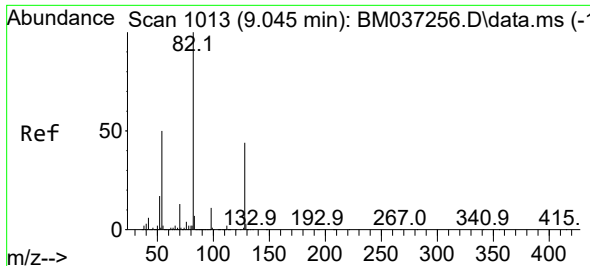
Tgt Ion: 99 Resp: 1648385
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

Tgt Ion: 136 Resp: 852909
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 7.0 10.4
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 59.239 ng

RT: 8.980 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

Instrument :

BNA_M

ClientSampleId :

SB-29A

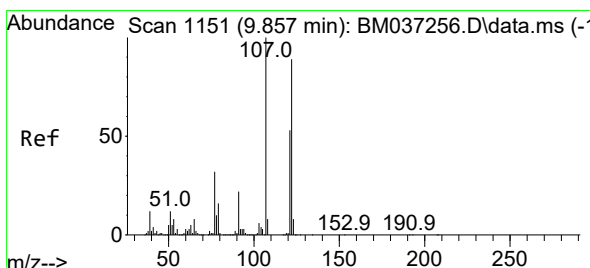
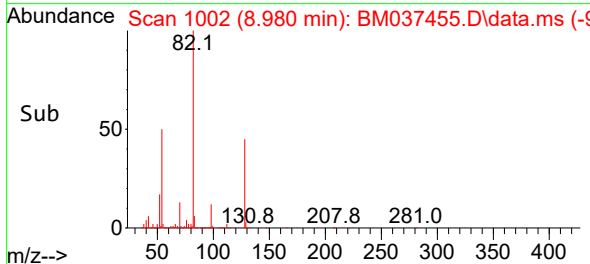
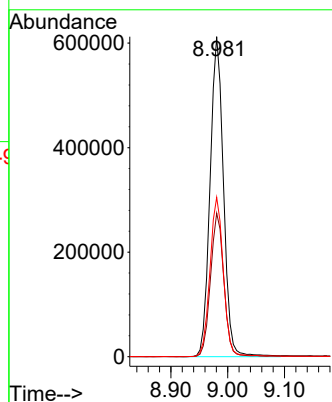
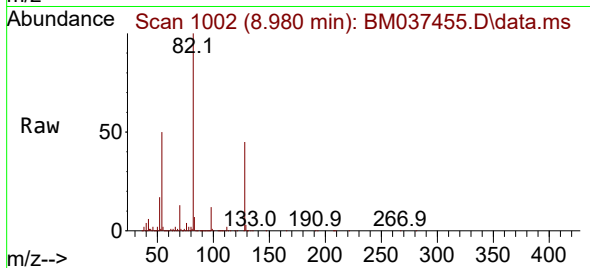
Tgt Ion: 82 Resp: 1001442

Ion Ratio Lower Upper

82 100

128 44.8 35.2 52.8

54 49.8 40.4 60.6



#27

2,4-Dimethylphenol

Concen: 34.276 ng

RT: 9.945 min Scan# 1166

Delta R.T. 0.135 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

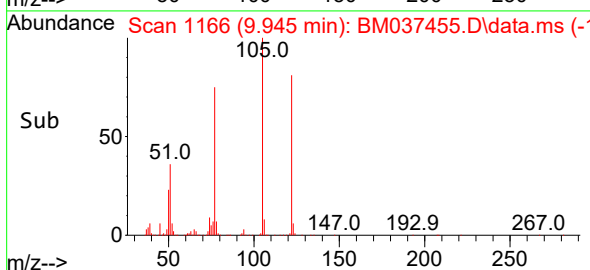
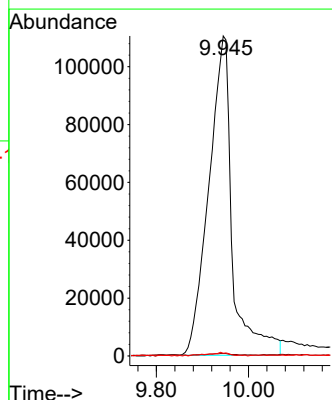
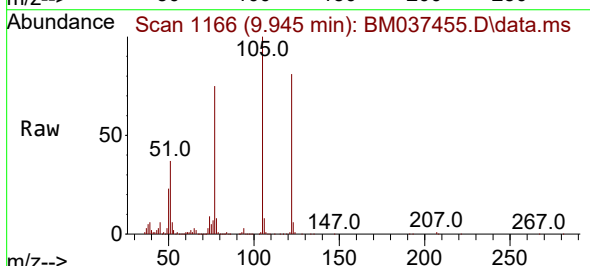
Tgt Ion:122 Resp: 390300

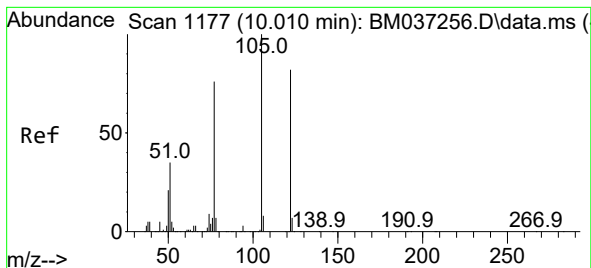
Ion Ratio Lower Upper

122 100

107 0.8 89.7 134.5#

121 0.9 47.1 70.7#

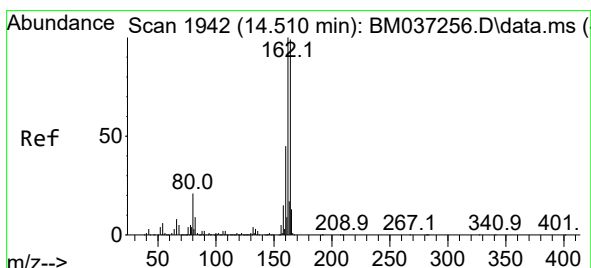
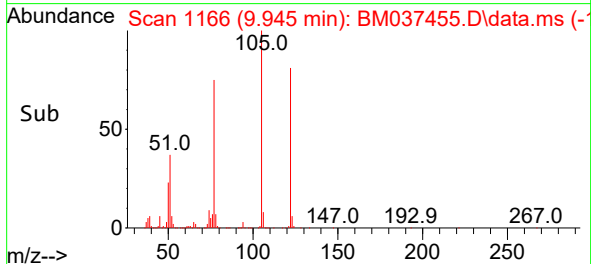
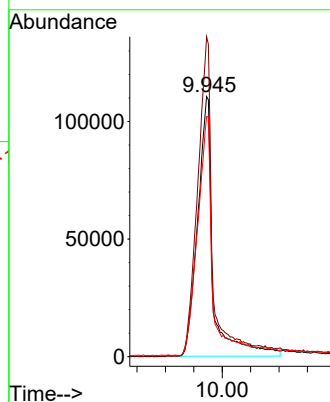
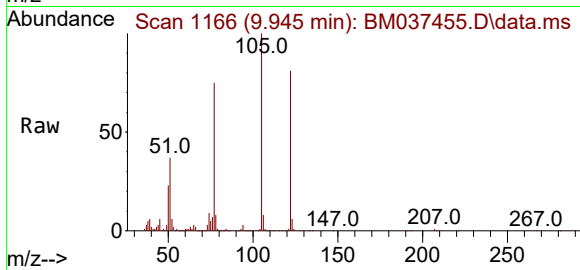




#32
Benzoic acid
Concen: 41.465 ng
RT: 9.945 min Scan# 1177
Delta R.T. -0.030 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

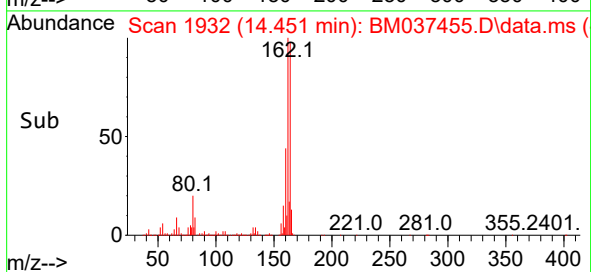
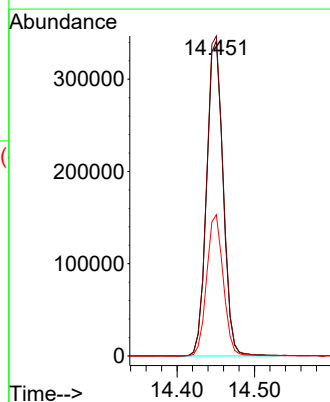
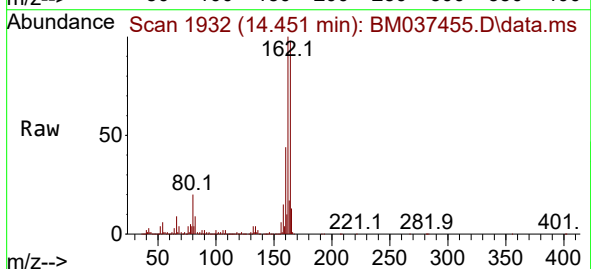
Instrument :
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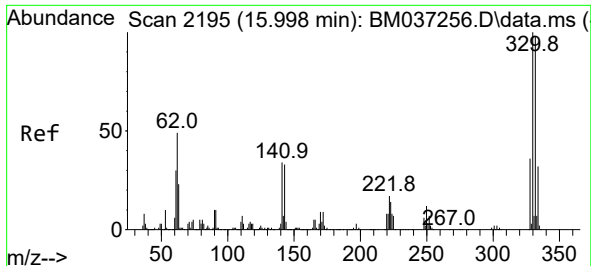
Tgt Ion:122 Resp: 418196
Ion Ratio Lower Upper
122 100
105 123.0 100.1 140.1
77 92.3 71.7 111.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

Tgt Ion:164 Resp: 503422
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 121.851 ng

RT: 15.939 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

Instrument :

BNA_M

ClientSampleId :

SB-29A

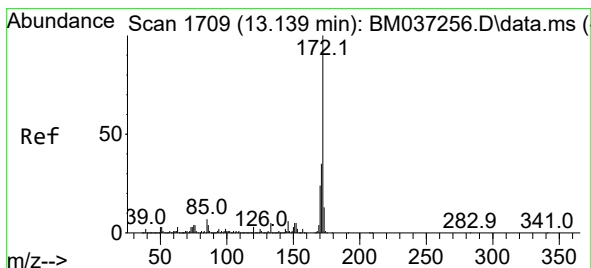
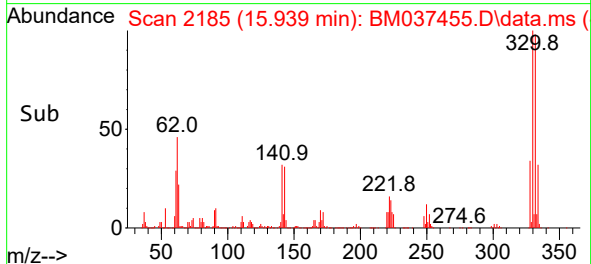
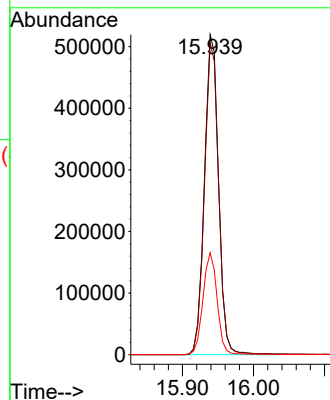
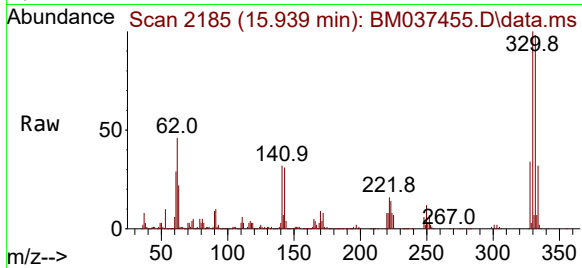
Tgt Ion:330 Resp: 722903

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 31.5 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 59.007 ng

RT: 13.074 min Scan# 1698

Delta R.T. -0.018 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

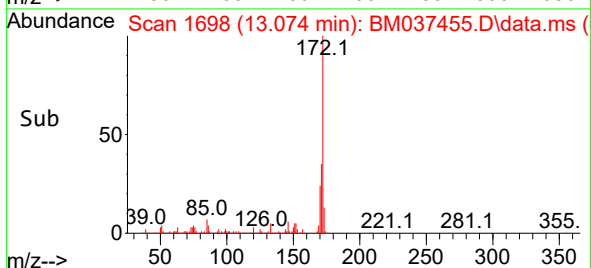
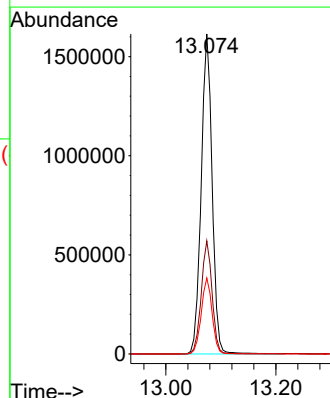
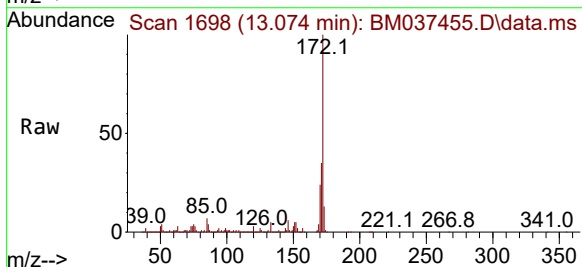
Tgt Ion:172 Resp: 2235674

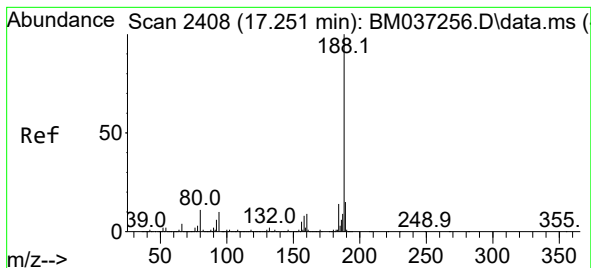
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

Instrument :

BNA_M

ClientSampleId :

SB-29A

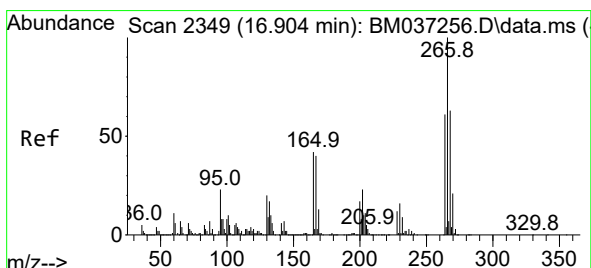
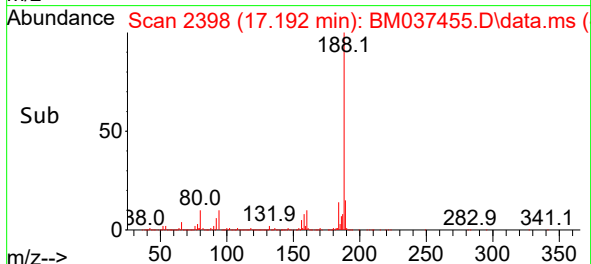
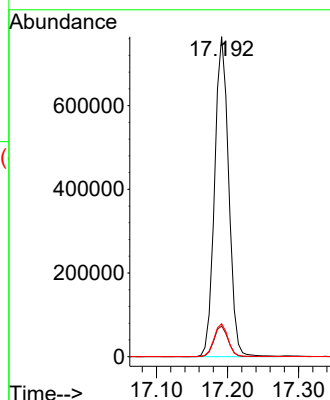
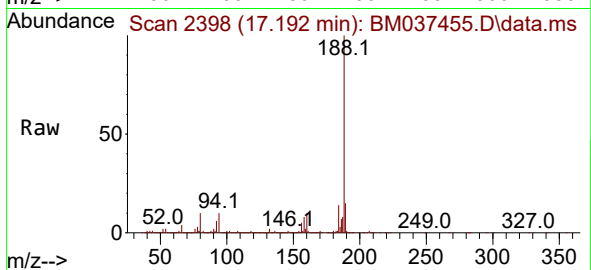
Tgt Ion:188 Resp: 1050460

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.3 8.5 12.7



#70

Pentachlorophenol

Concen: 3.054 ng

RT: 16.851 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

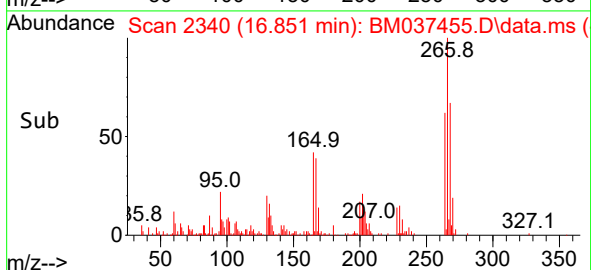
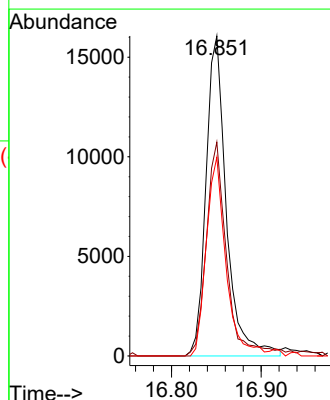
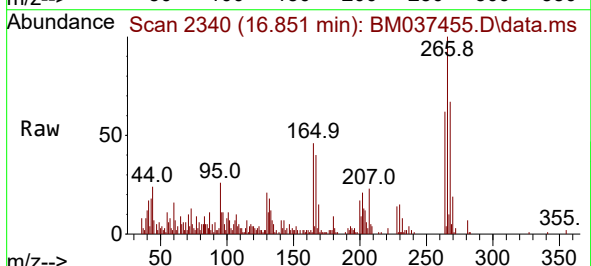
Tgt Ion:266 Resp: 25348

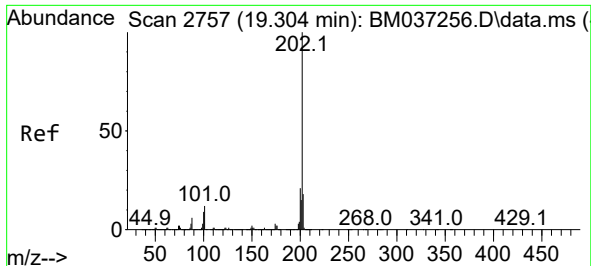
Ion Ratio Lower Upper

266 100

268 66.8 50.7 76.1

264 62.1 49.1 73.7

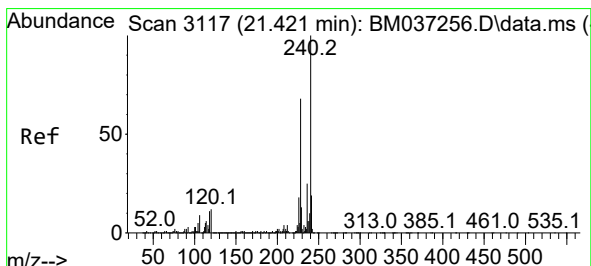
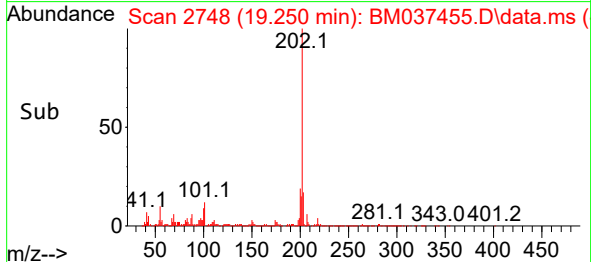
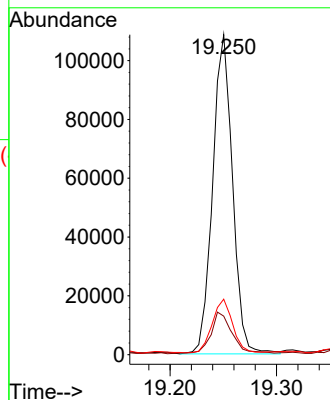
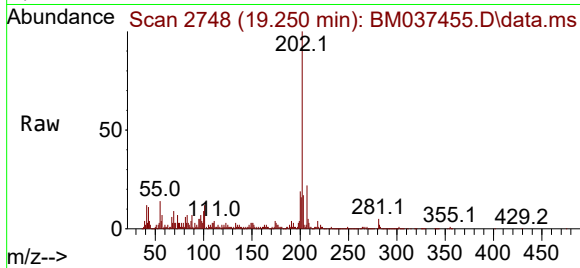




#75
Fluoranthene
Concen: 2.039 ng
RT: 19.250 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

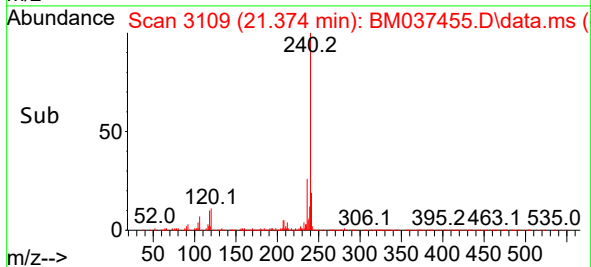
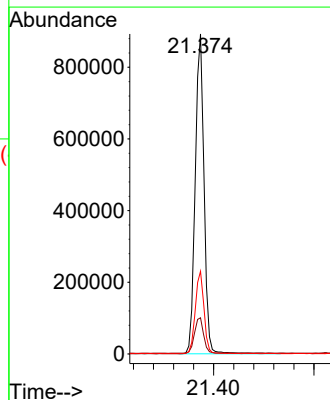
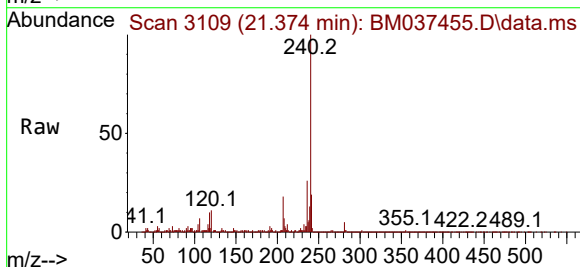
Instrument :
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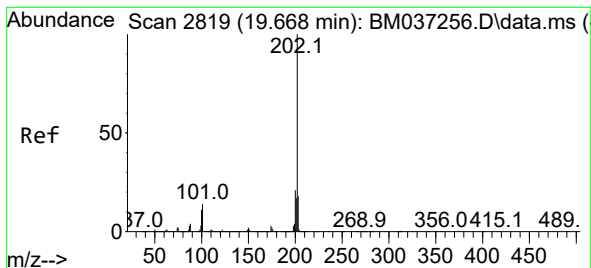
Tgt Ion:202 Resp: 140456
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.4
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

Tgt Ion:240 Resp: 1083147
Ion Ratio Lower Upper
240 100
120 11.3 9.9 14.9
236 25.9 20.3 30.5





#78

Pyrene

Concen: 2.267 ng

RT: 19.609 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

Instrument :

BNA_M

ClientSampleId :

SB-29A

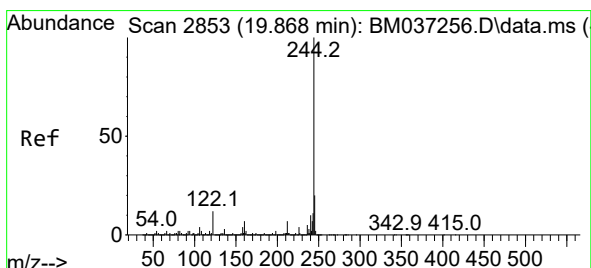
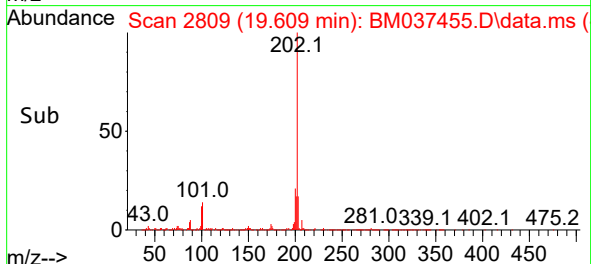
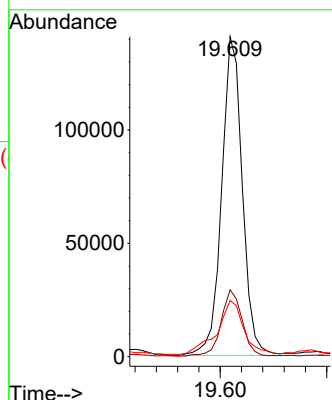
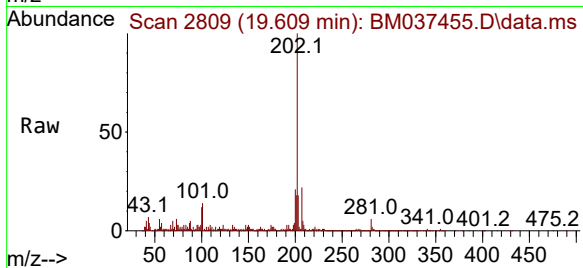
Tgt Ion:202 Resp: 188856

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.5 14.1 21.1



#79

Terphenyl-d14

Concen: 62.206 ng

RT: 19.815 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

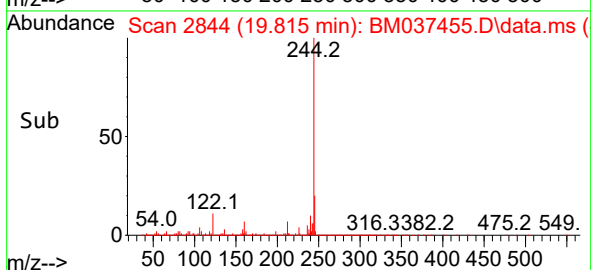
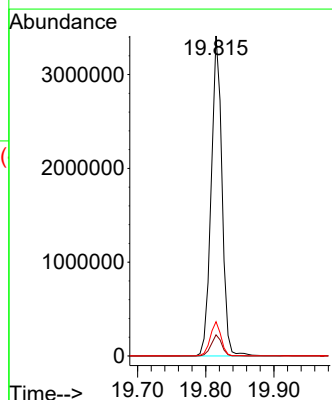
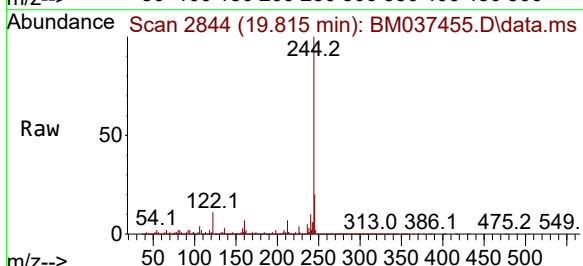
Tgt Ion:244 Resp: 3757285

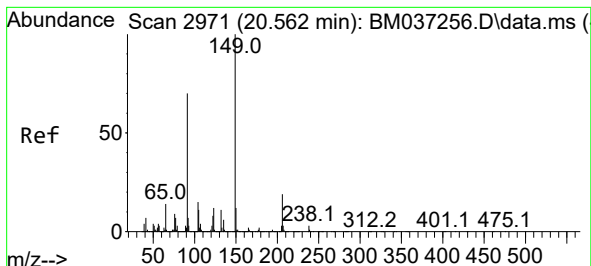
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.7 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.261 ng

RT: 20.509 min Scan# 2971

Delta R.T. -0.012 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

Instrument :

BNA_M

ClientSampleId :

SB-29A

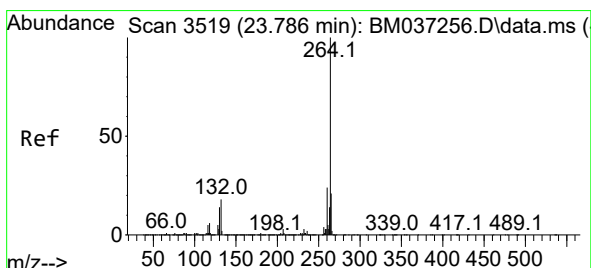
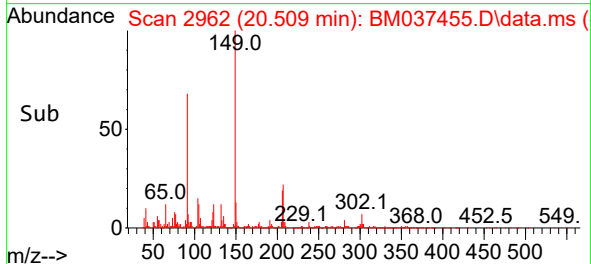
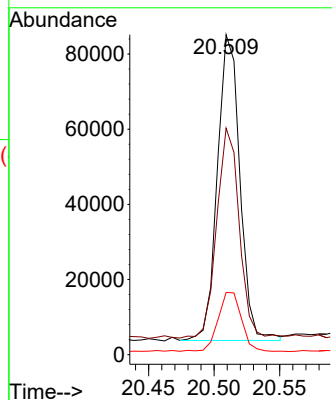
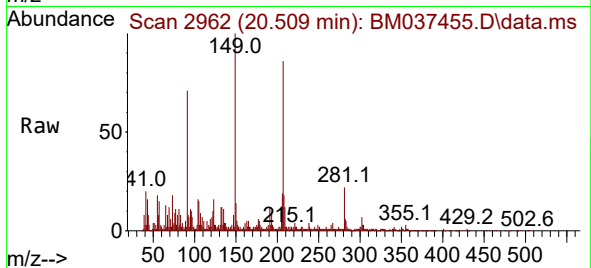
Tgt Ion:149 Resp: 96993

Ion Ratio Lower Upper

149 100

91 70.8 56.2 84.4

206 19.5 15.4 23.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.703 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BM037455.D

Acq: 10 Nov 2022 17:22

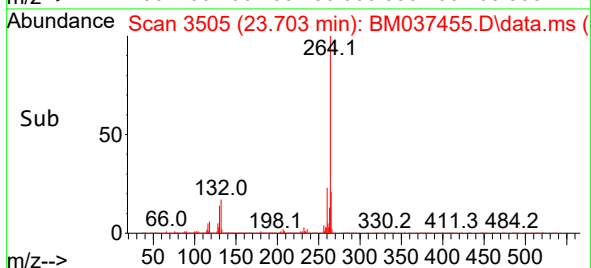
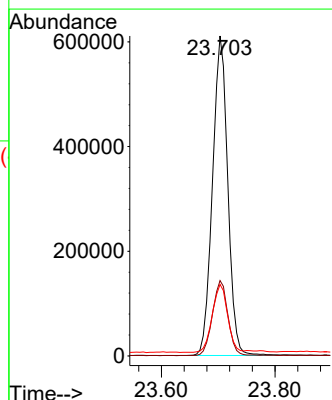
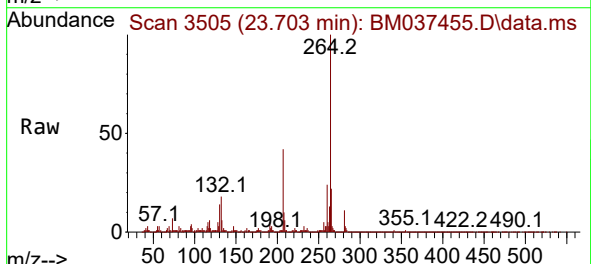
Tgt Ion:264 Resp: 1136260

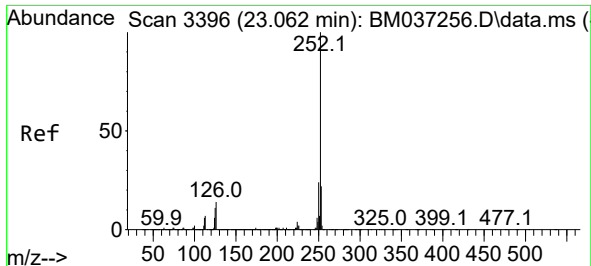
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.4 17.7 26.5

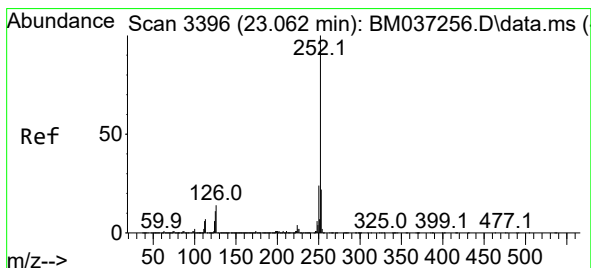
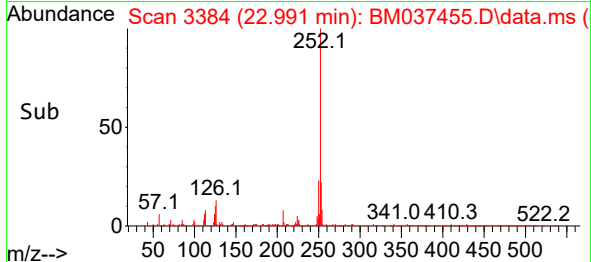
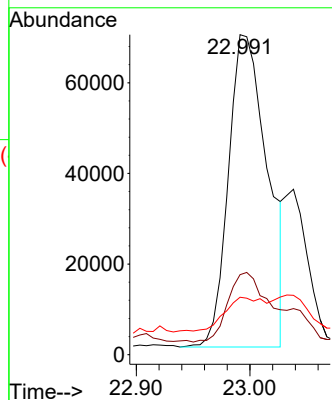
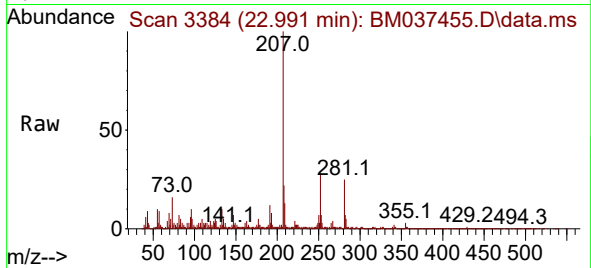




#88
Benzo(b)fluoranthene
Concen: 2.086 ng
RT: 22.991 min Scan# 3384
Delta R.T. -0.012 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

Instrument :
BNA_M
ClientSampleId :
SB-29A

Tgt Ion:252 Resp: 164525
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 17.9 9.1 13.7#



#89
Benzo(k)fluoranthene
Concen: 2.045 ng
RT: 22.991 min Scan# 3384
Delta R.T. -0.059 min
Lab File: BM037455.D
Acq: 10 Nov 2022 17:22

Tgt Ion:252 Resp: 164525
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 17.9 9.1 13.7#

