

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037481.D
 Acq On : 11 Nov 2022 23:43
 Operator : CG/JU
 Sample : N5530-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10

Quant Time: Nov 12 00:42:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

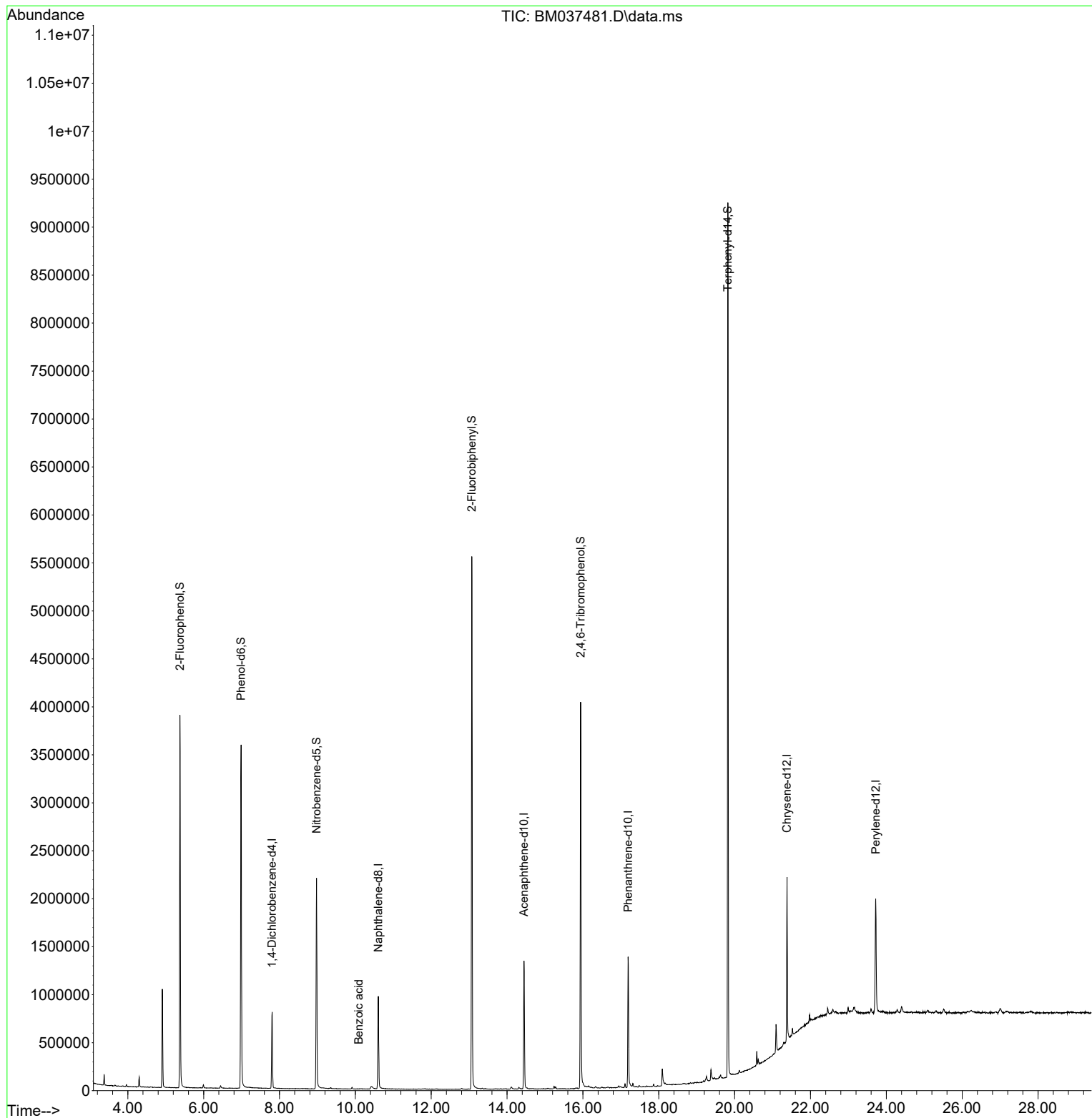
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	218380	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	826290	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	458065	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	857413	20.000	ng	0.00
76) Chrysene-d12	21.380	240	816687	20.000	ng	0.00
86) Perylene-d12	23.721	264	872283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1627785	128.777	ng	0.00
7) Phenol-d6	6.987	99	2050606	119.529	ng	0.00
23) Nitrobenzene-d5	8.975	82	1242866	75.888	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	790817	146.498	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2840408	82.391	ng	0.00
79) Terphenyl-d14	19.821	244	4136555	90.830	ng	0.00
Target Compounds						
32) Benzoic acid	10.086	122	57	6.982	ng	Qvalue # 21

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

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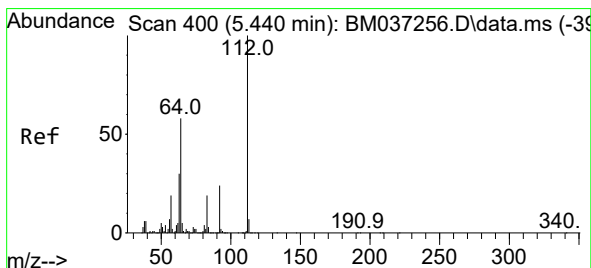
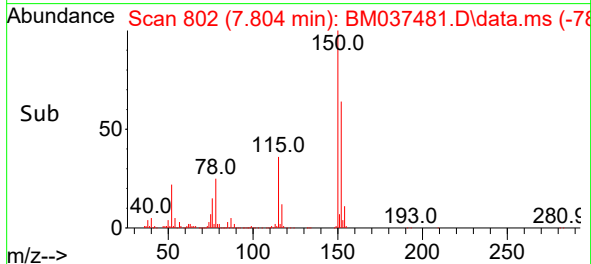
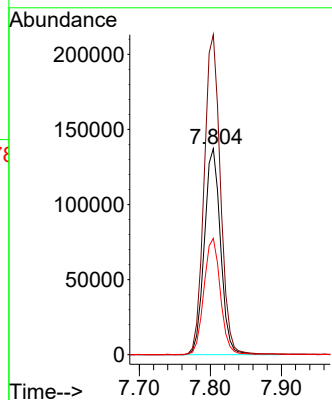
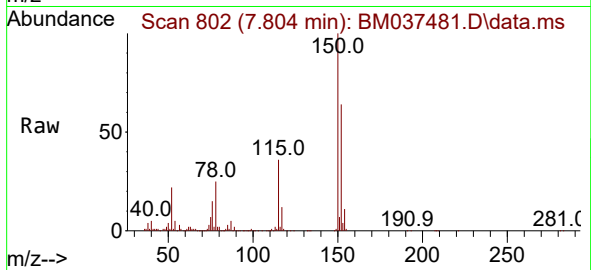




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

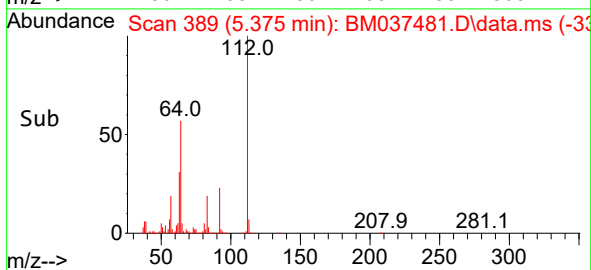
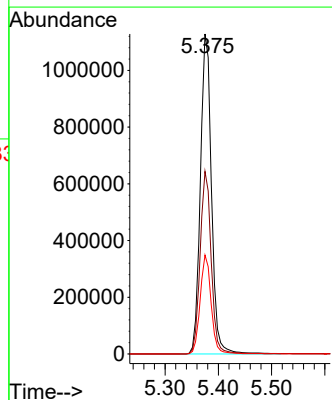
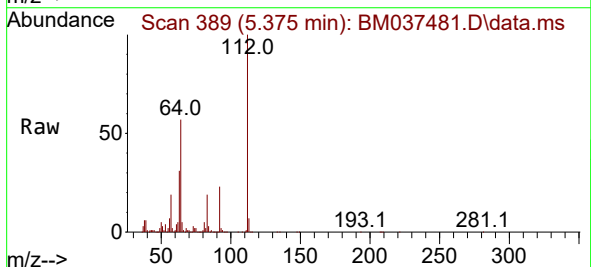
Instrument :
BNA_M
ClientSampleId :
SB-10

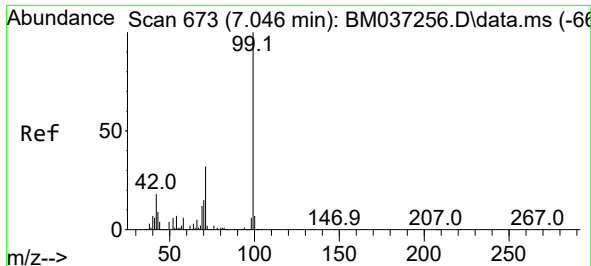
Tgt Ion:152 Resp: 218380
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 56.4 47.0 70.4



#5
2-Fluorophenol
Concen: 128.777 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:112 Resp: 1627785
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 30.9 24.4 36.6

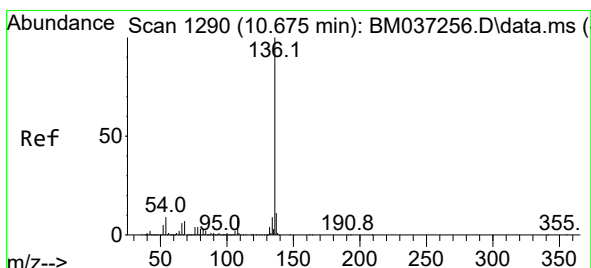
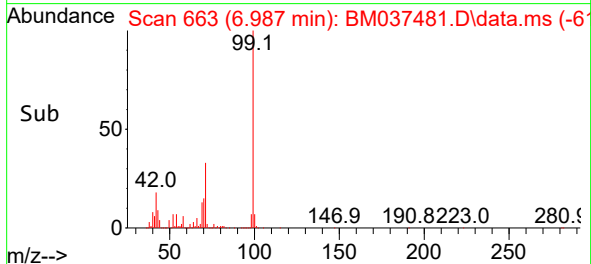
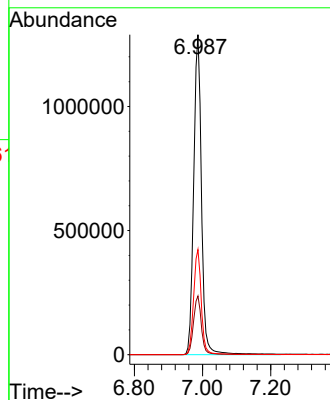
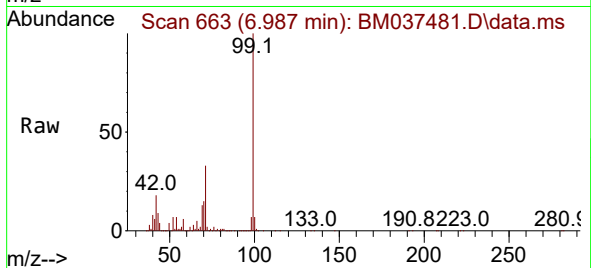




#7
Phenol-d6
Concen: 119.529 ng
RT: 6.987 min Scan# 606
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

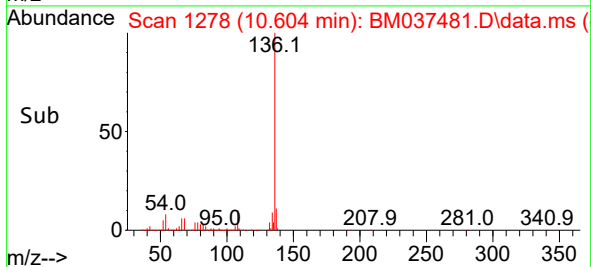
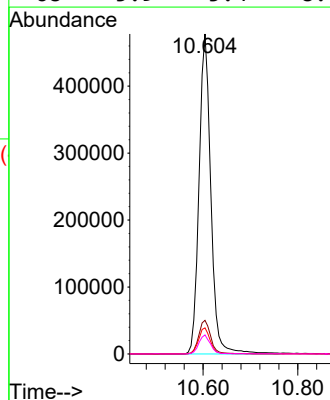
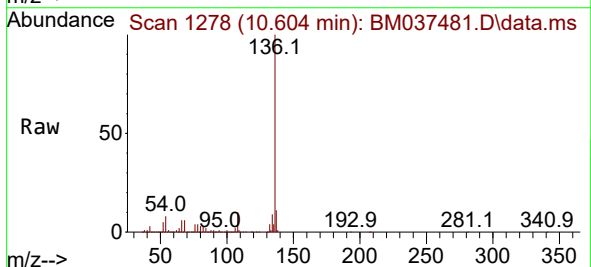
Instrument :
BNA_M
ClientSampleId :
SB-10

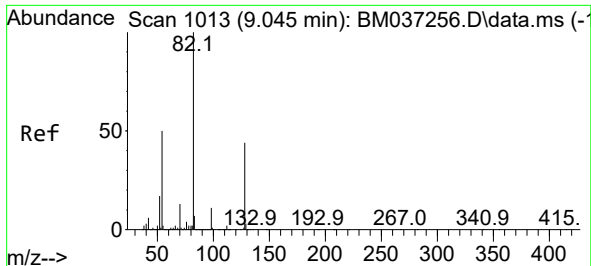
Tgt Ion: 99 Resp: 2050606
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion: 136 Resp: 826290
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.1 7.0 10.4
68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 75.888 ng

RT: 8.975 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

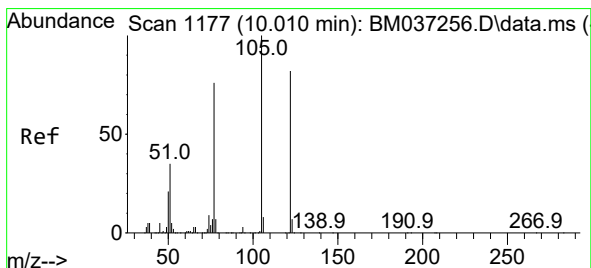
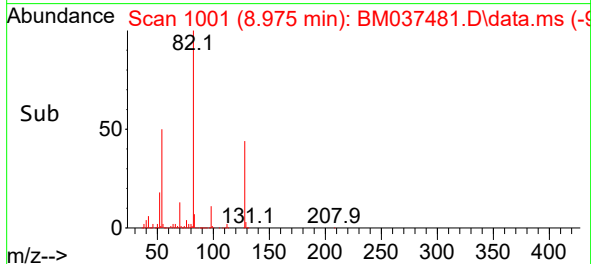
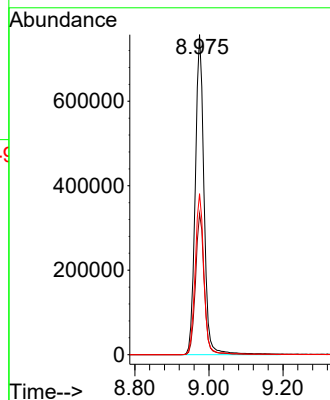
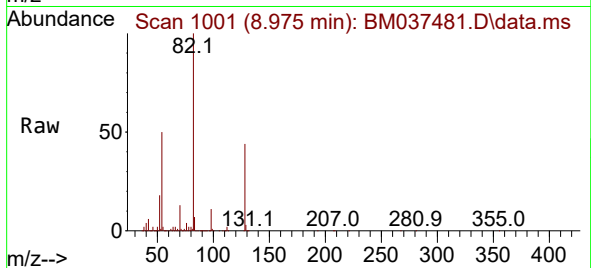
Tgt Ion: 82 Resp: 1242866

Ion Ratio Lower Upper

82 100

128 44.1 35.2 52.8

54 50.3 40.4 60.6



#32

Benzoic acid

Concen: 6.982 ng

RT: 10.086 min Scan# 1190

Delta R.T. 0.106 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

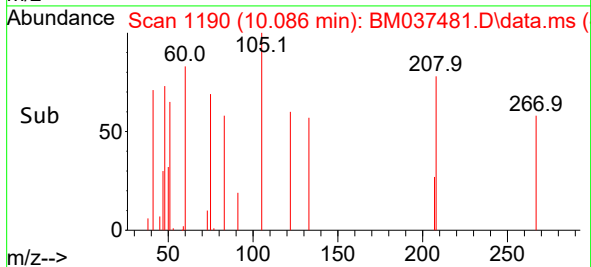
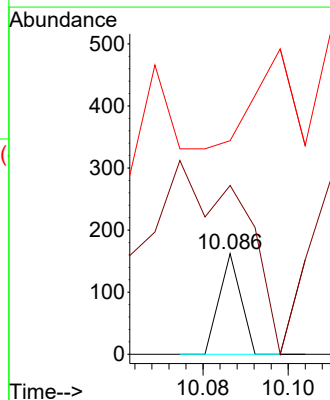
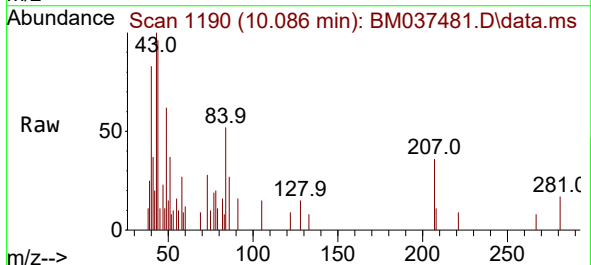
Tgt Ion:122 Resp: 57

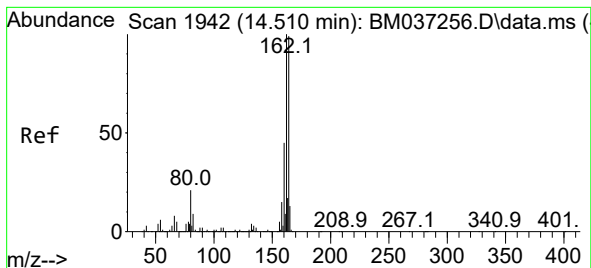
Ion Ratio Lower Upper

122 100

105 167.9 100.1 140.1#

77 212.3 71.7 111.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

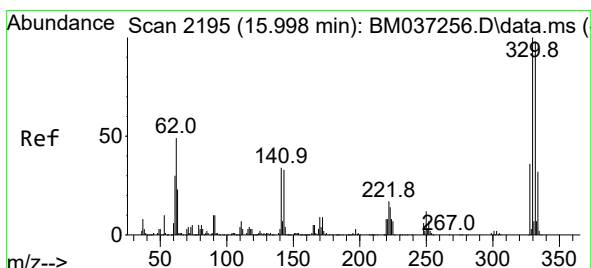
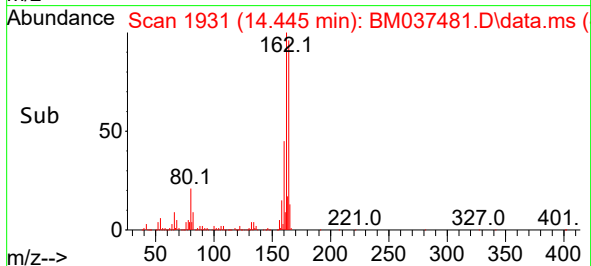
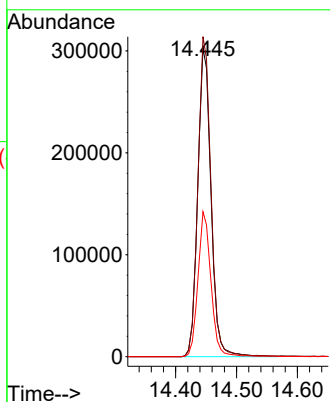
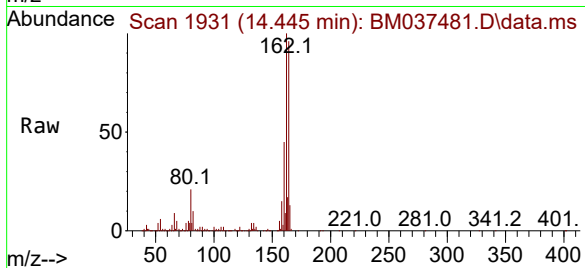
Tgt Ion:164 Resp: 458065

Ion Ratio Lower Upper

164 100

162 103.7 80.6 120.8

160 46.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 146.498 ng

RT: 15.939 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

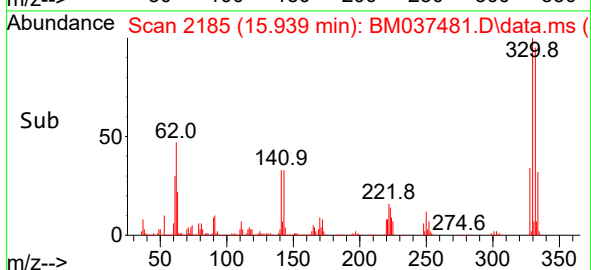
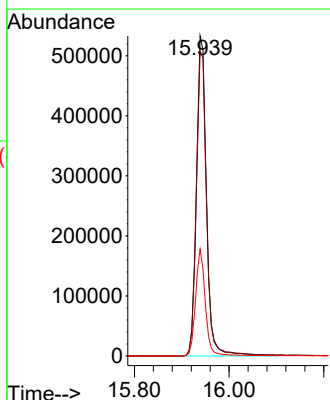
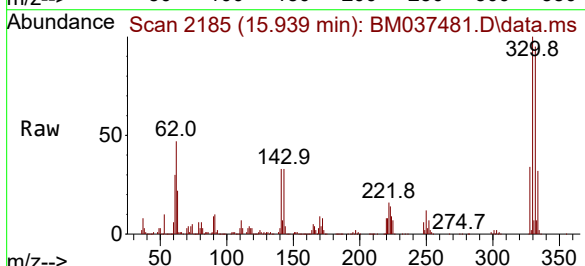
Tgt Ion:330 Resp: 790817

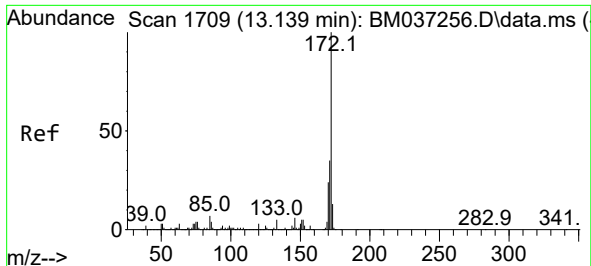
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 32.6 27.5 41.3

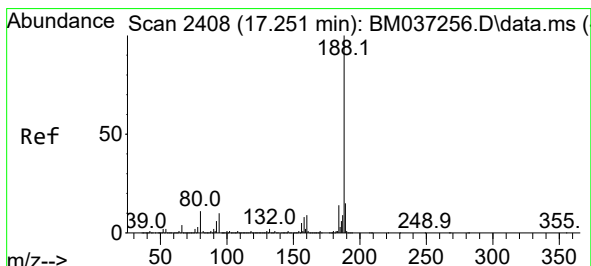
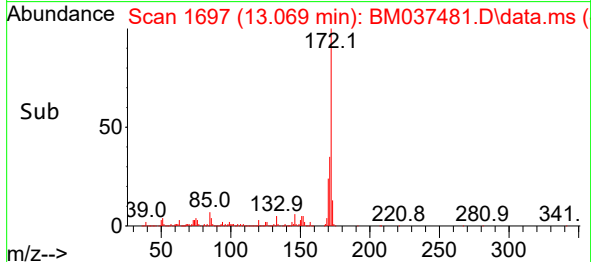
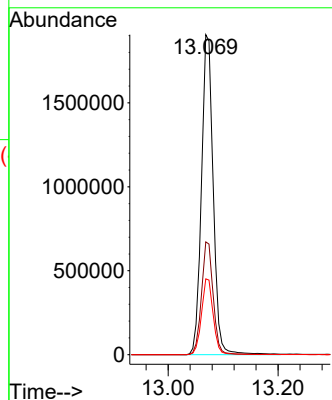
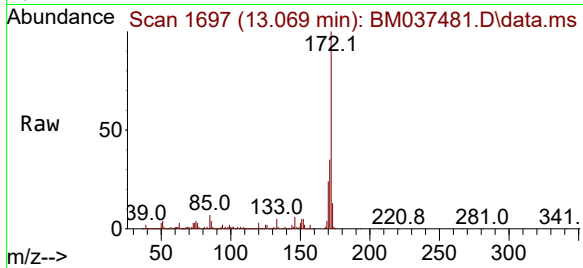




#45
2-Fluorobiphenyl
Concen: 82.391 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

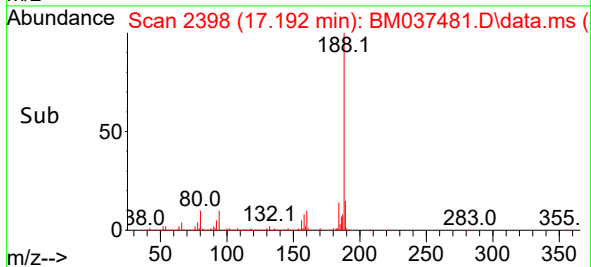
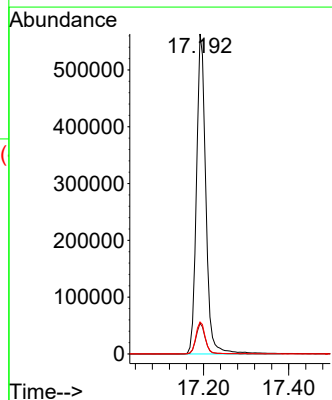
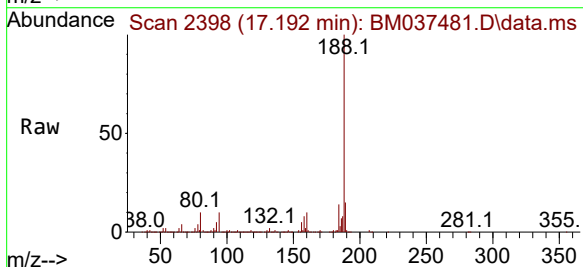
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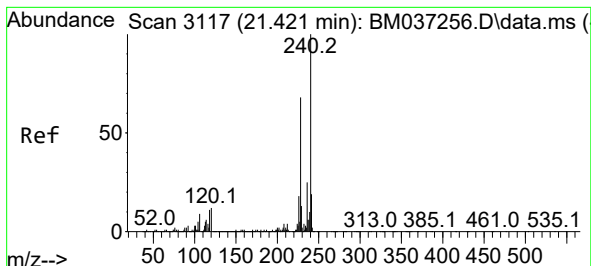
Tgt Ion:172 Resp: 2840408
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037481.D
Acq: 11 Nov 2022 23:43

Tgt Ion:188 Resp: 857413
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.0 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

Instrument :

BNA_M

ClientSampleId :

SB-10

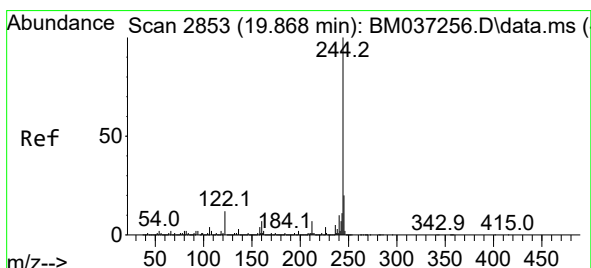
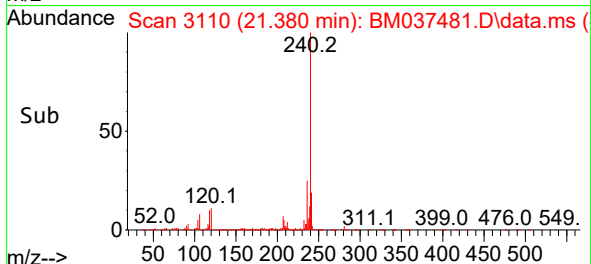
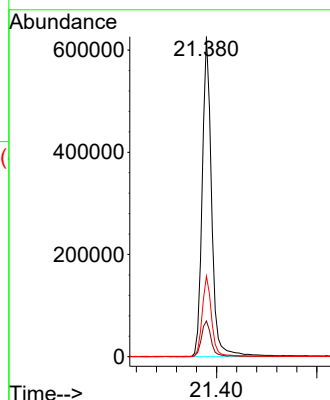
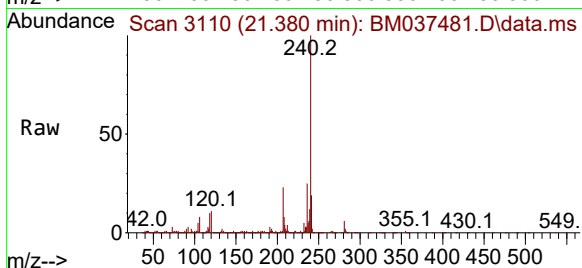
Tgt Ion:240 Resp: 816687

Ion Ratio Lower Upper

240 100

120 11.2 9.9 14.9

236 25.1 20.3 30.5



#79

Terphenyl-d14

Concen: 90.830 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037481.D

Acq: 11 Nov 2022 23:43

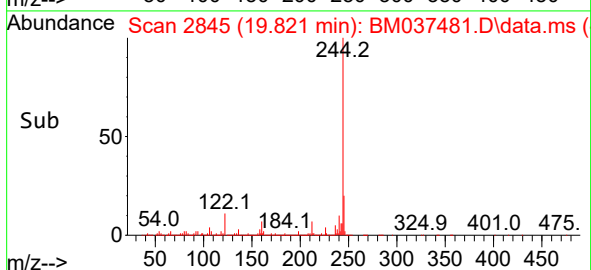
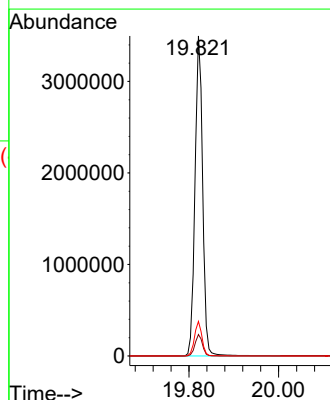
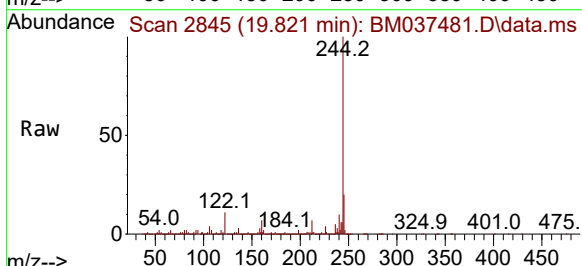
Tgt Ion:244 Resp: 4136555

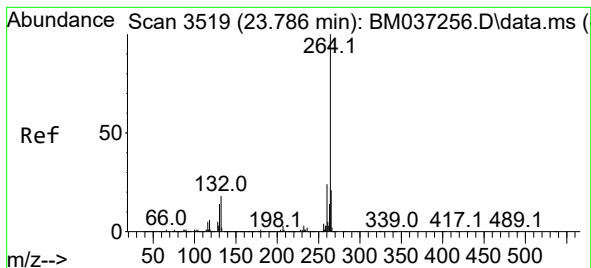
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.8 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM037481.D

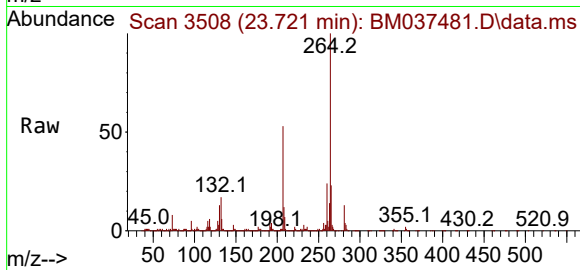
Acq: 11 Nov 2022 23:43

Instrument :

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Tgt Ion:264 Resp: 872283

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.6 17.7 26.5

