

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037440.D
 Acq On : 09 Nov 2022 17:05
 Operator : CG/JU
 Sample : N5436-04 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-04

Quant Time: Nov 10 05:48:48 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)

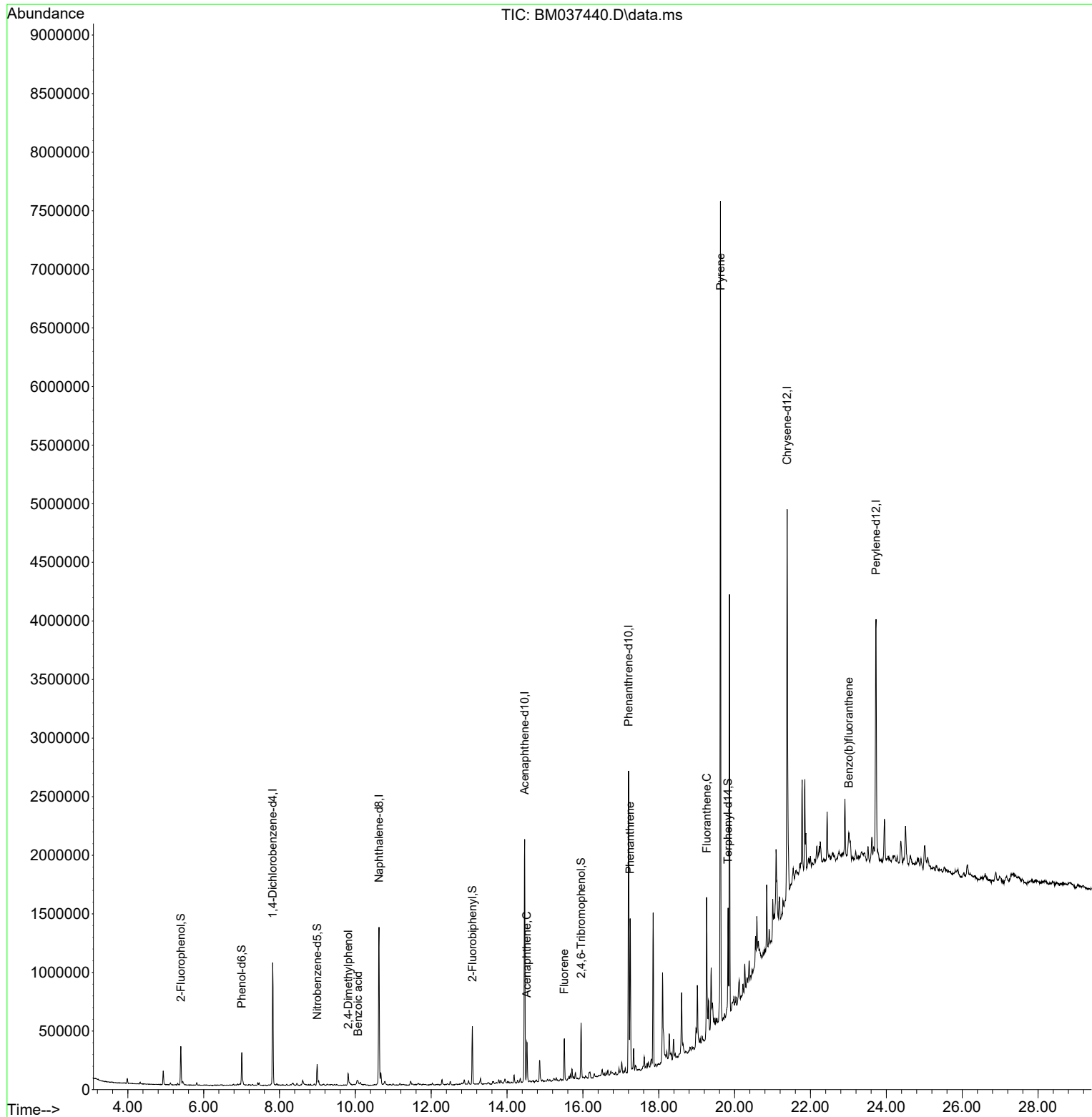
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	278469	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1090143	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	689114	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1465068	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1418139	20.000	ng	0.00
86) Perylene-d12	23.727	264	1496282	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	143841	8.924	ng	0.00
7) Phenol-d6	7.004	99	170100	7.776	ng	0.00
23) Nitrobenzene-d5	8.992	82	101701	4.707	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	79602	9.802	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	252402	4.867	ng	0.00
79) Terphenyl-d14	19.827	244	407961	5.159	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.810	122	37598	2.583	ng	93
32) Benzoic acid	10.069	122	10200	7.636	ng	# 40
52) Acenaphthene	14.521	154	118752	2.796	ng	99
58) Fluorene	15.509	166	156639	2.869	ng	97
71) Phenanthrene	17.245	178	742070	8.164	ng	99
75) Fluoranthene	19.262	202	537387	5.593	ng	99
78) Pyrene	19.627	202	676520	6.204	ng	# 93
88) Benzo(b)fluoranthene	23.009	252	209177	2.014	ng	# 88

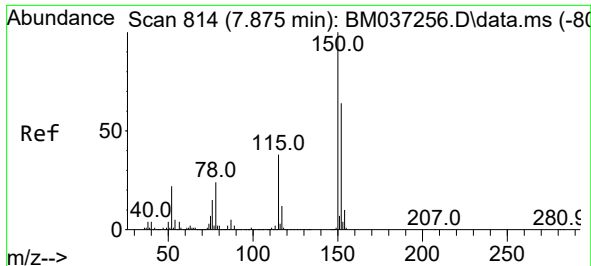
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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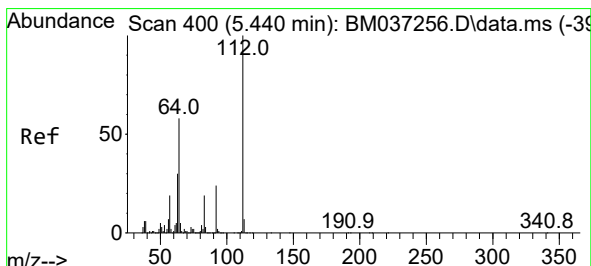
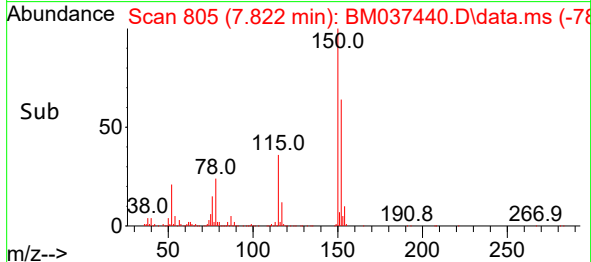
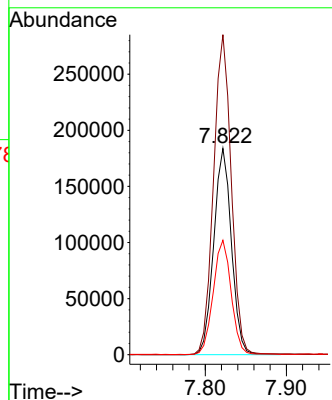
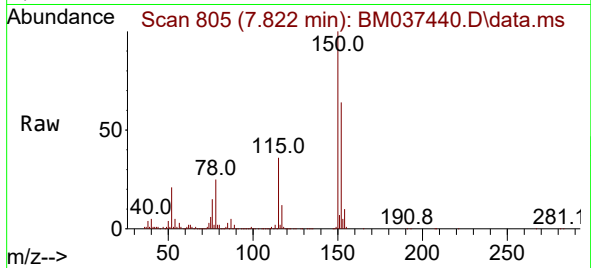




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

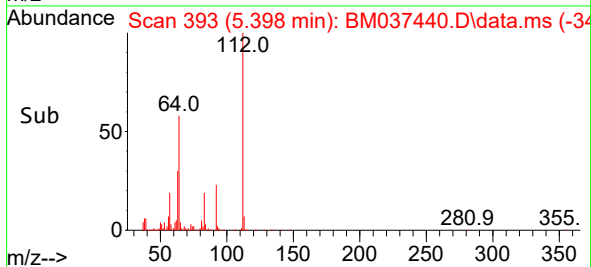
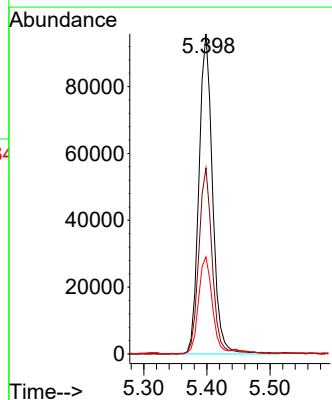
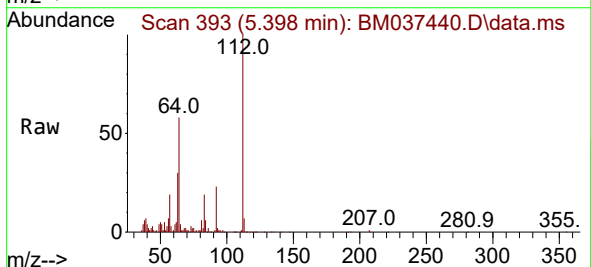
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04

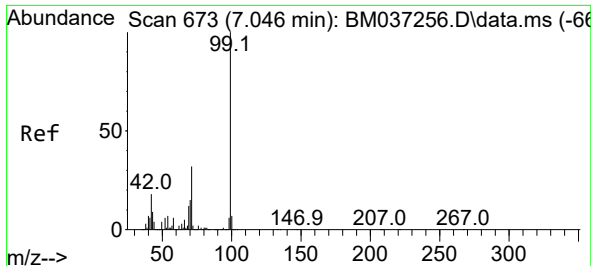
Tgt Ion:152 Resp: 278469
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 55.4 47.0 70.4



#5
2-Fluorophenol
Concen: 8.924 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Tgt Ion:112 Resp: 143841
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.3 24.4 36.6

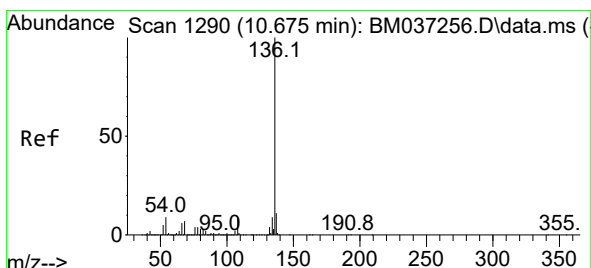
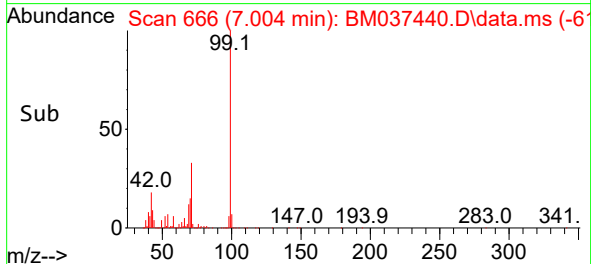
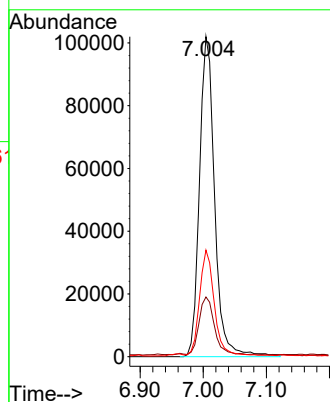
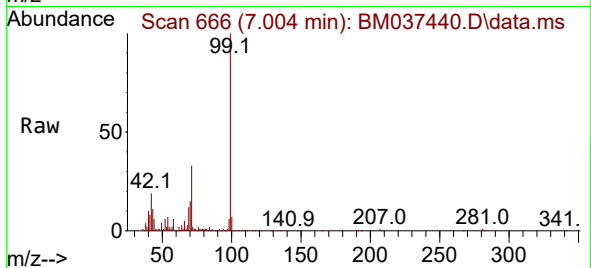




#7
Phenol-d6
Concen: 7.776 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

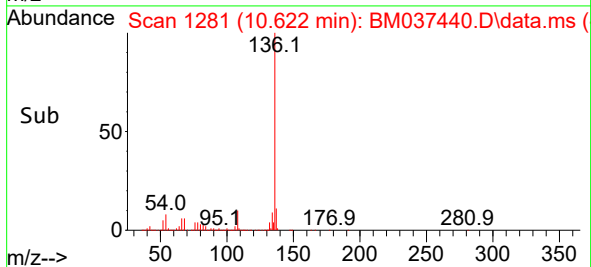
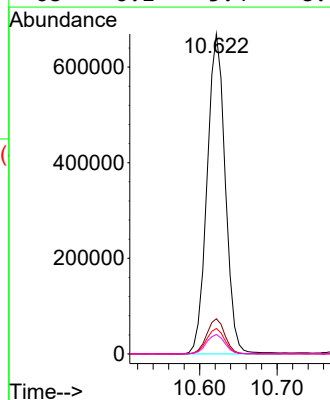
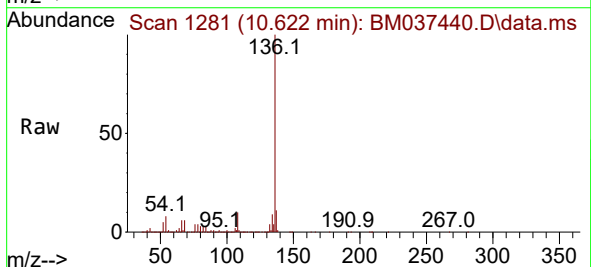
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04

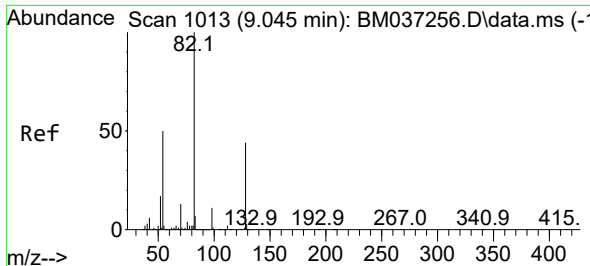
Tgt Ion: 99 Resp: 170100
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 33.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Tgt Ion: 136 Resp: 1090143
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 7.0 10.4
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 4.707 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

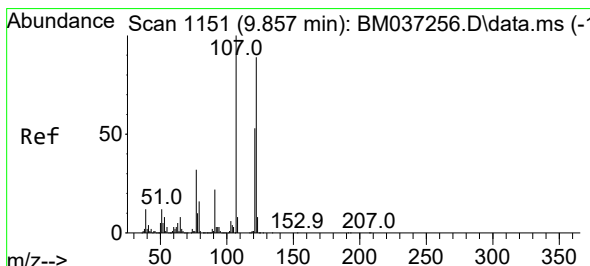
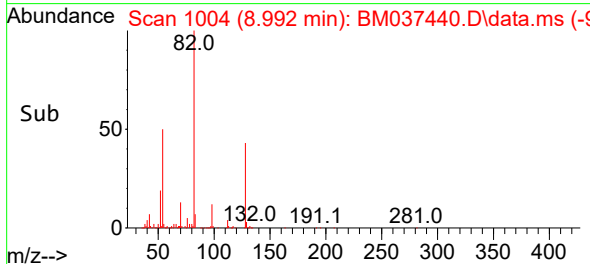
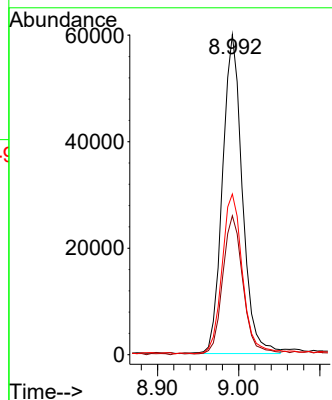
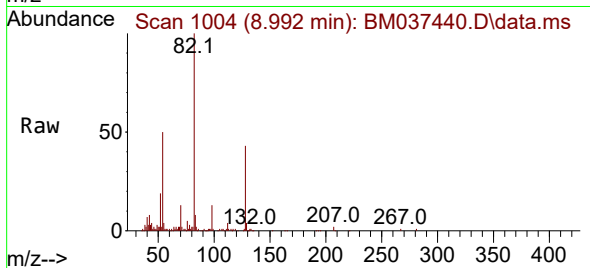
Tgt Ion: 82 Resp: 101701

Ion Ratio Lower Upper

82 100

128 43.4 35.2 52.8

54 50.2 40.4 60.6



#27

2,4-Dimethylphenol

Concen: 2.583 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

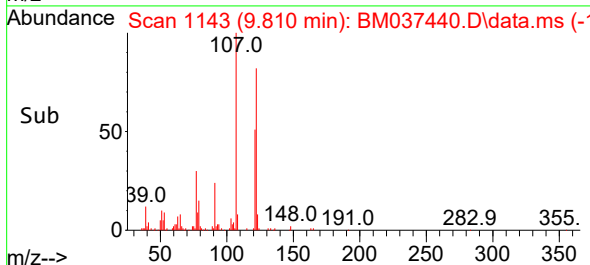
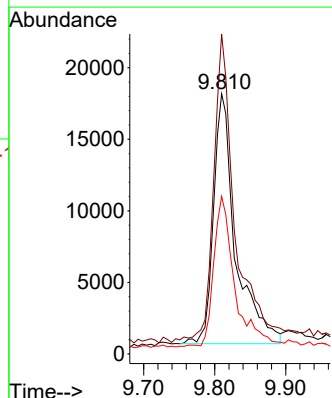
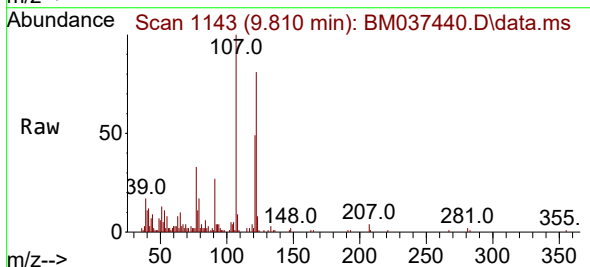
Tgt Ion: 122 Resp: 37598

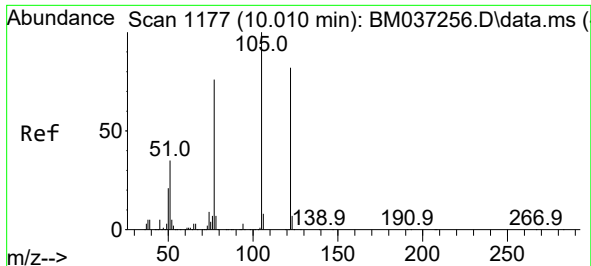
Ion Ratio Lower Upper

122 100

107 123.0 89.7 134.5

121 60.6 47.1 70.7

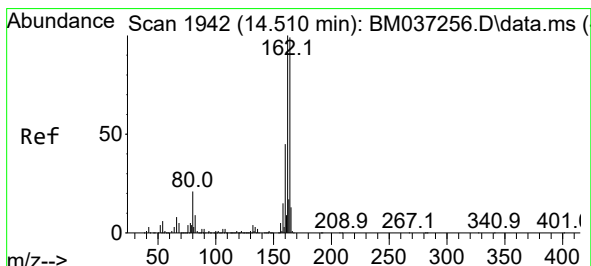
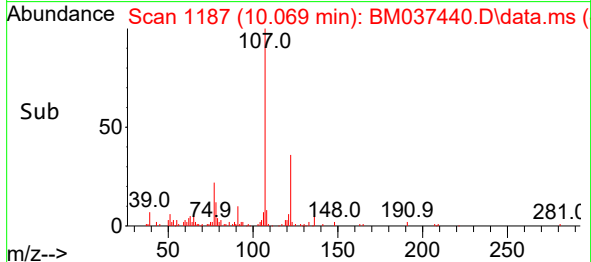
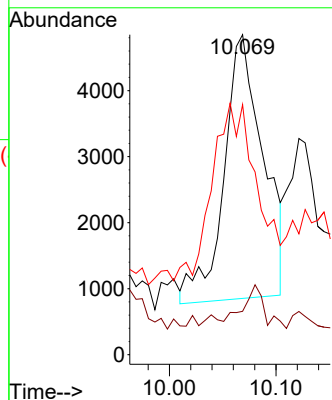
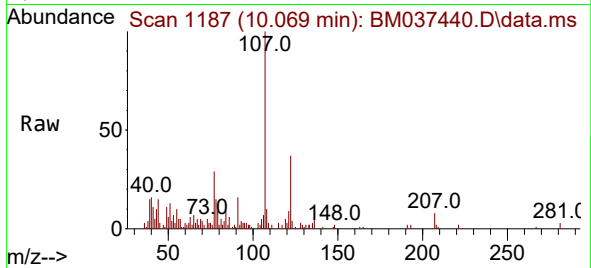




#32
Benzoic acid
Concen: 7.636 ng
RT: 10.069 min Scan# 1177
Delta R.T. 0.094 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

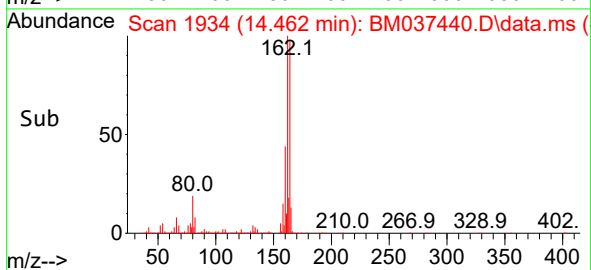
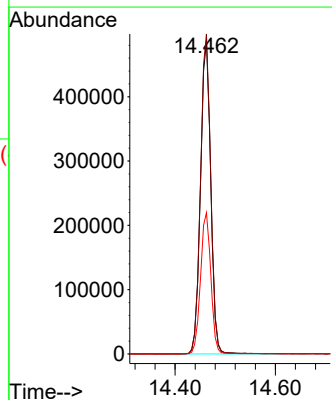
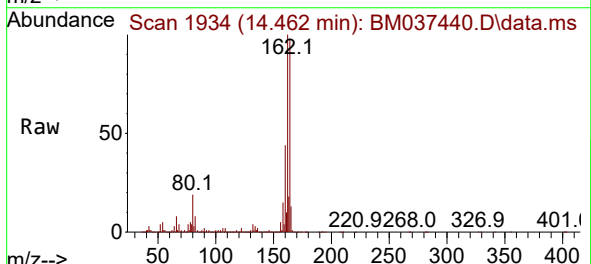
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04

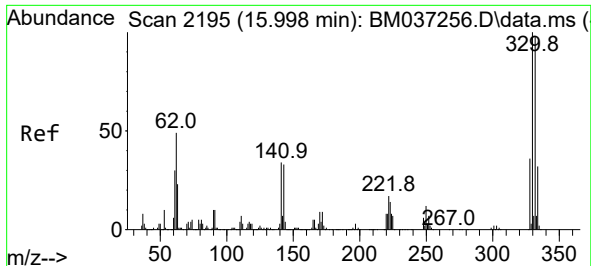
Tgt Ion:122 Resp: 10200
Ion Ratio Lower Upper
122 100
105 13.6 100.1 140.1#
77 78.2 71.7 111.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Tgt Ion:164 Resp: 689114
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 9.802 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

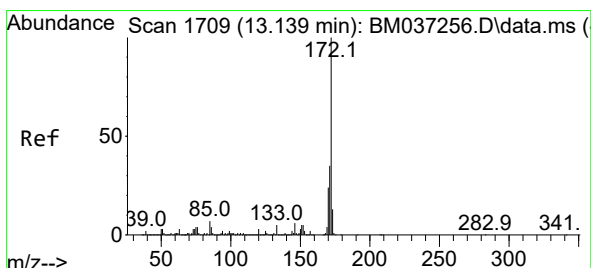
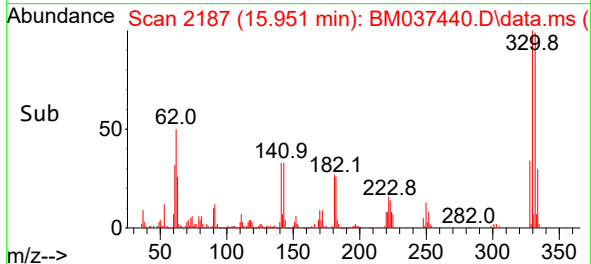
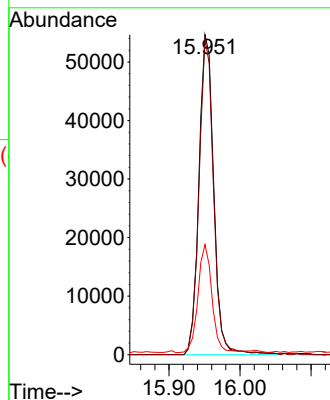
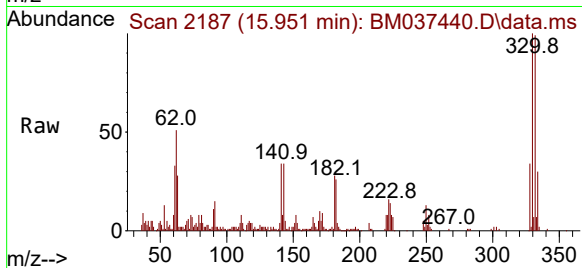
Tgt Ion:330 Resp: 79602

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 31.7 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 4.867 ng

RT: 13.086 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

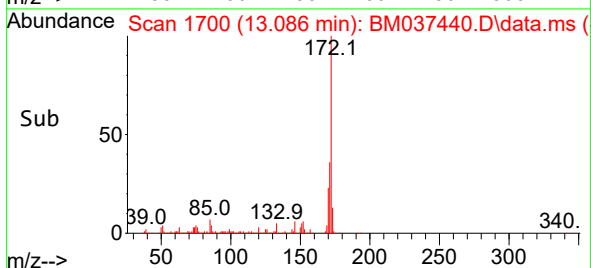
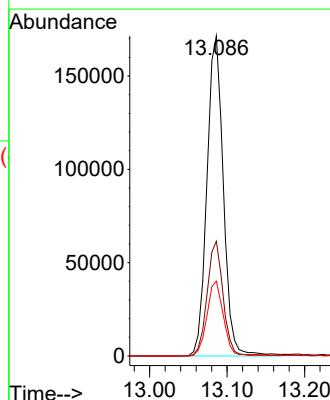
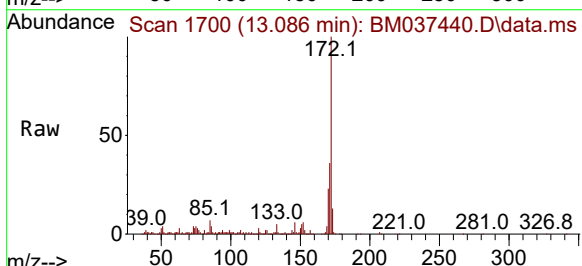
Tgt Ion:172 Resp: 252402

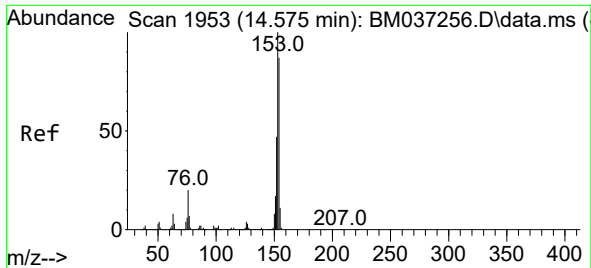
Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 23.4 19.0 28.4

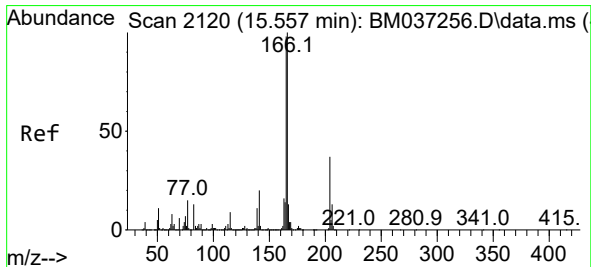
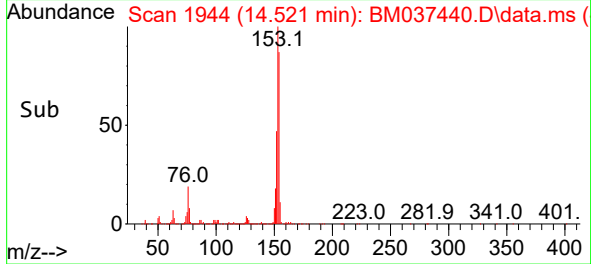
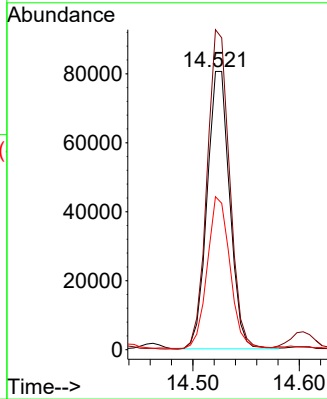
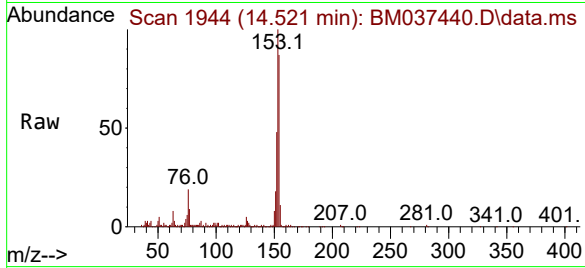




#52
Acenaphthene
Concen: 2.796 ng
RT: 14.521 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

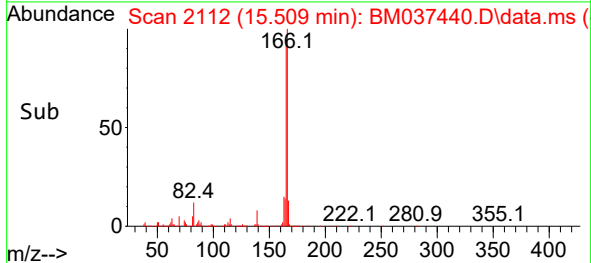
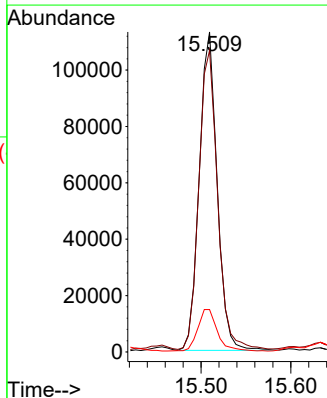
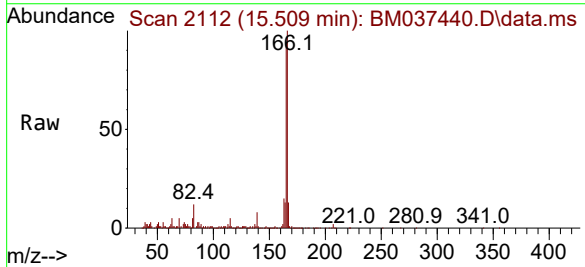
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04

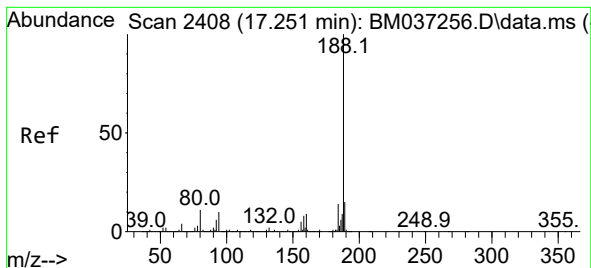
Tgt Ion:154 Resp: 118752
Ion Ratio Lower Upper
154 100
153 115.0 91.5 137.3
152 55.0 43.0 64.6



#58
Fluorene
Concen: 2.869 ng
RT: 15.509 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Tgt Ion:166 Resp: 156639
Ion Ratio Lower Upper
166 100
165 94.3 78.2 117.4
167 13.2 10.6 15.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

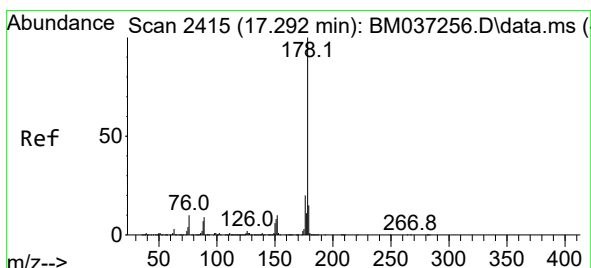
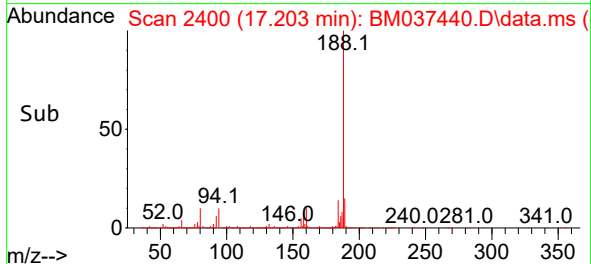
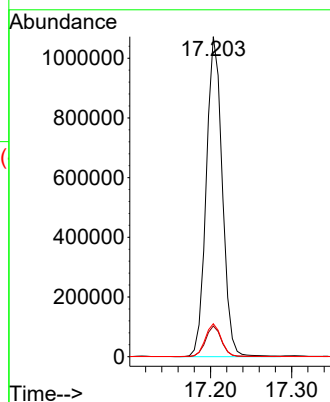
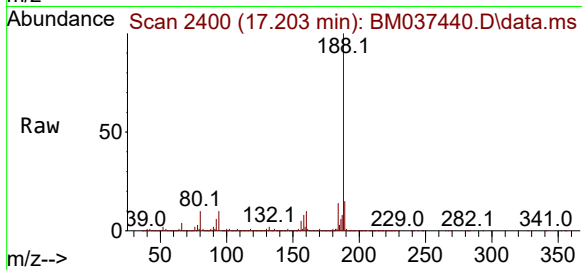
Tgt Ion:188 Resp: 1465068

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.3 8.5 12.7



#71

Phenanthrene

Concen: 8.164 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

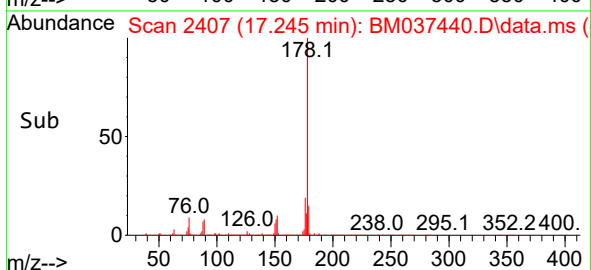
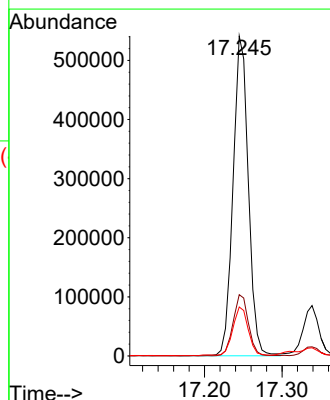
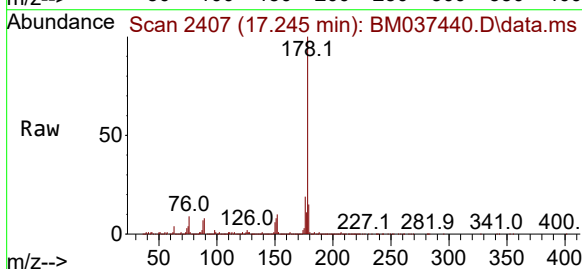
Tgt Ion:178 Resp: 742070

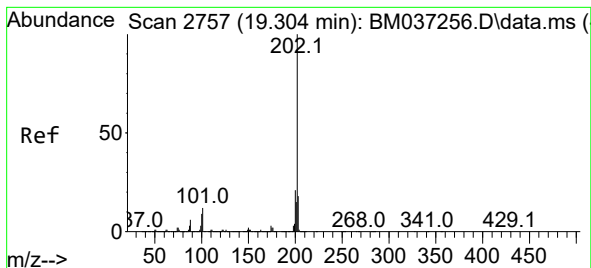
Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.3 12.4 18.6





#75

Fluoranthene

Concen: 5.593 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

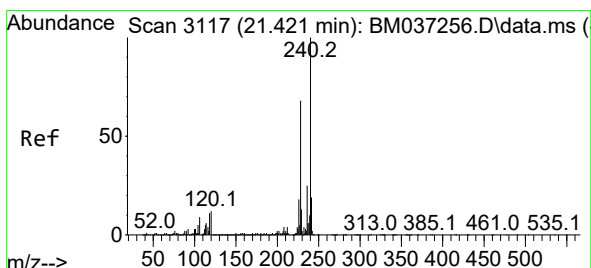
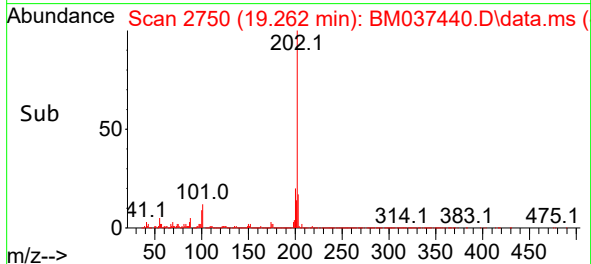
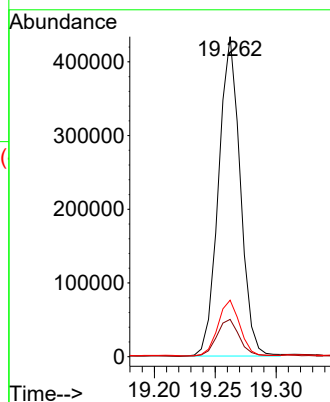
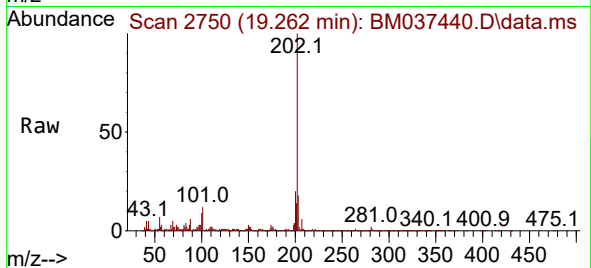
Tgt Ion:202 Resp: 537387

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

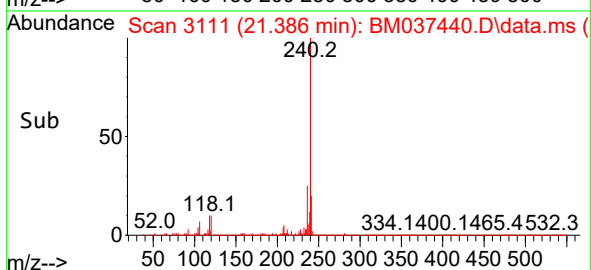
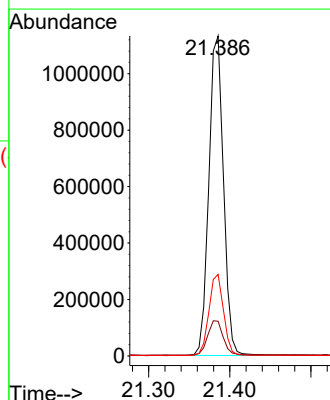
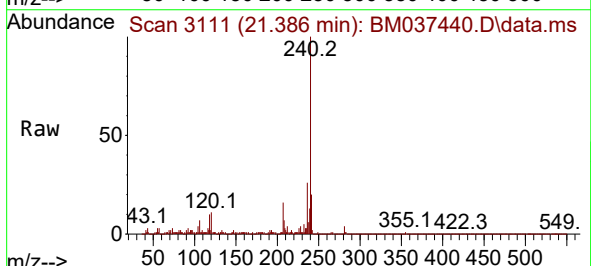
Tgt Ion:240 Resp: 1418139

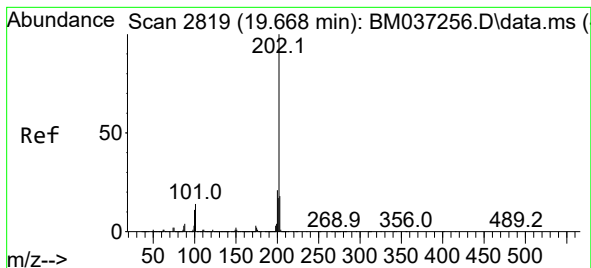
Ion Ratio Lower Upper

240 100

120 10.9 9.9 14.9

236 25.5 20.3 30.5





#78

Pyrene

Concen: 6.204 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

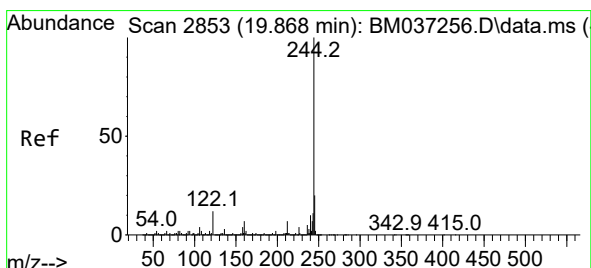
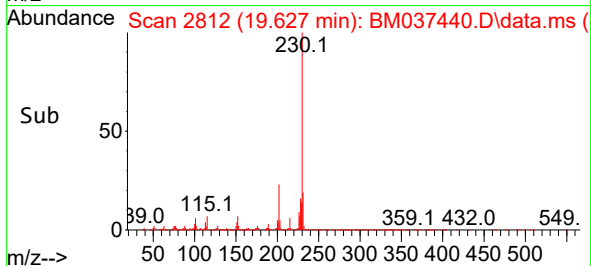
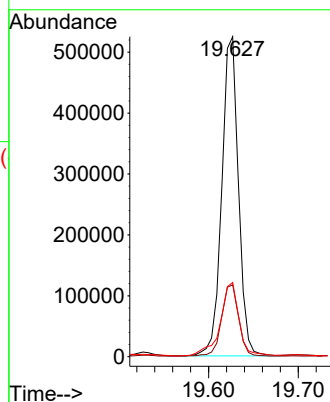
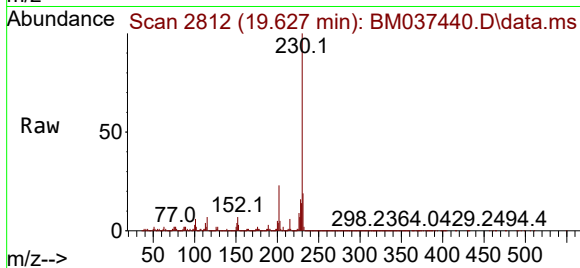
Tgt Ion:202 Resp: 676520

Ion Ratio Lower Upper

202 100

200 22.5 17.0 25.6

203 23.2 14.1 21.1#



#79

Terphenyl-d14

Concen: 5.159 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.000 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

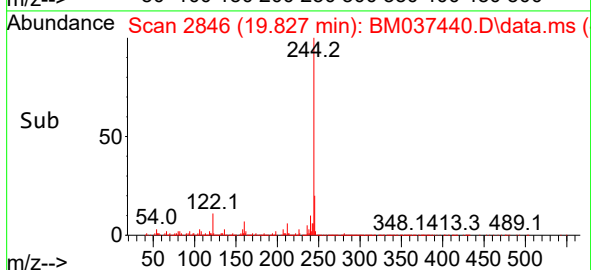
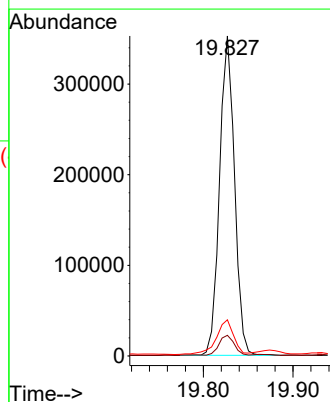
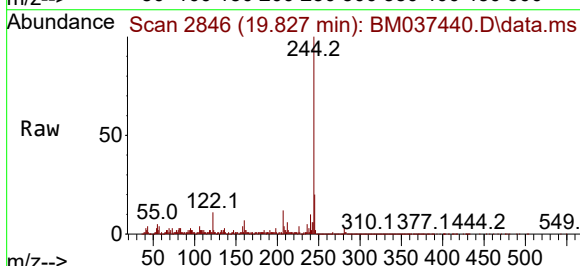
Tgt Ion:244 Resp: 407961

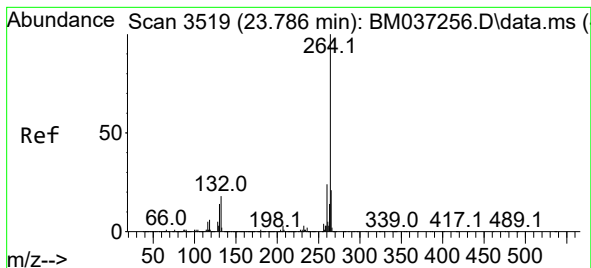
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 11.3 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

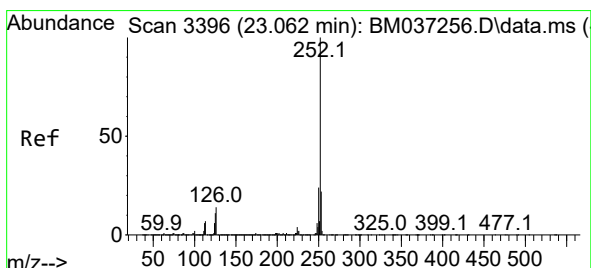
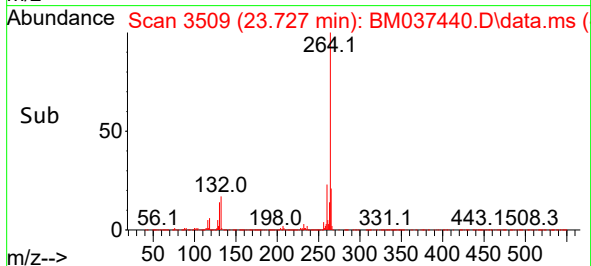
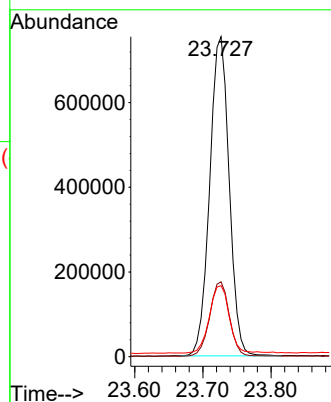
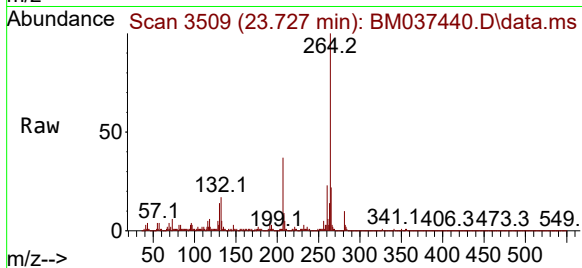
Tgt Ion:264 Resp: 1496282

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.2 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 2.014 ng

RT: 23.009 min Scan# 3387

Delta R.T. 0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Tgt Ion:252 Resp: 209177

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.6

125 18.8 9.1 13.7#

