

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037439.D
 Acq On : 09 Nov 2022 16:29
 Operator : CG/JU
 Sample : N5436-13 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-13

Quant Time: Nov 10 05:48:31 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)

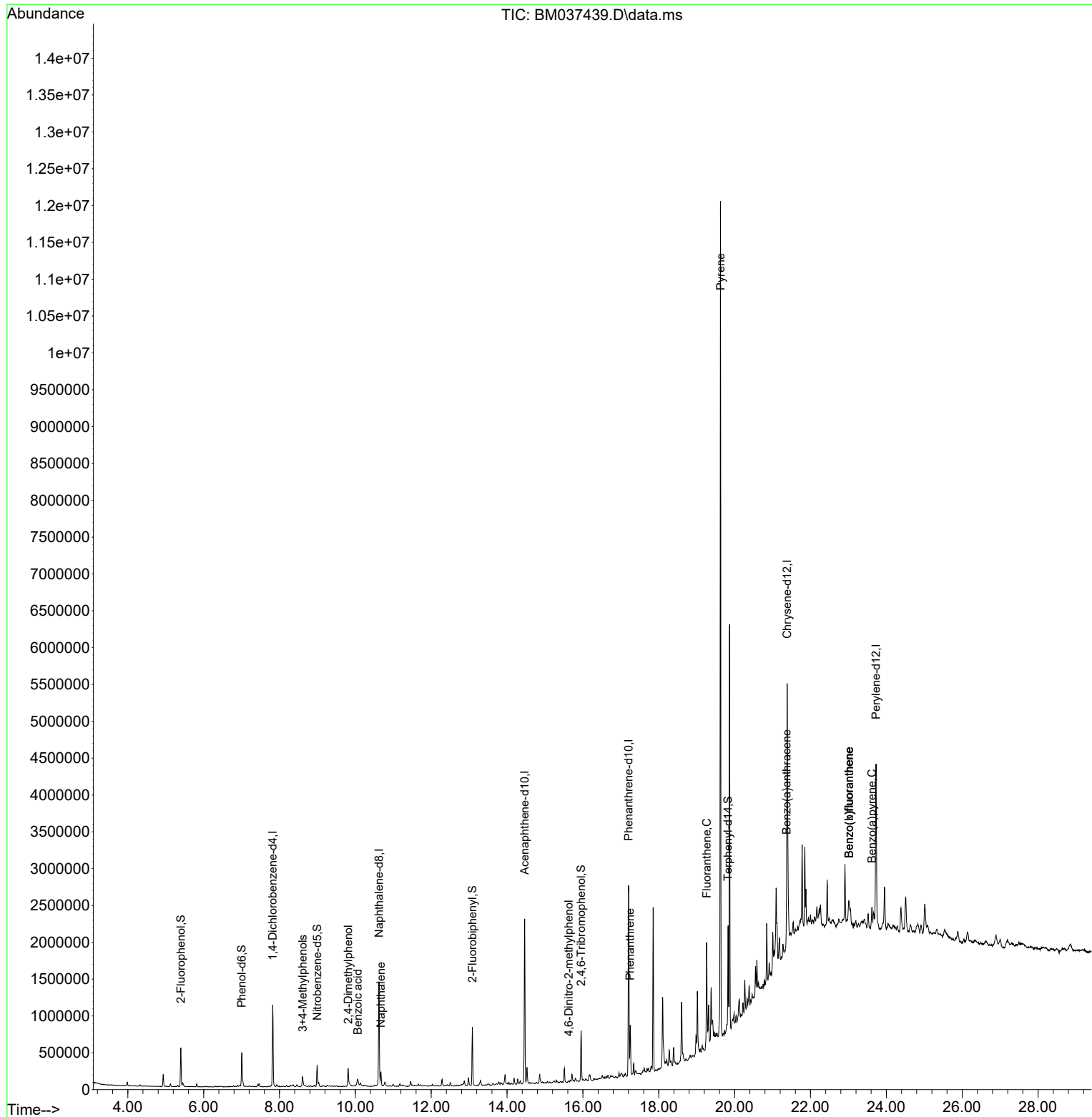
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	292710	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1156808	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	729634	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1523860	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1454936	20.000	ng	0.00
86) Perylene-d12	23.727	264	1540966	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	223400	13.186	ng	0.00
7) Phenol-d6	7.004	99	269224	11.708	ng	0.00
23) Nitrobenzene-d5	8.992	82	164743	7.185	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	126672	14.732	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	405827	7.390	ng	0.00
79) Terphenyl-d14	19.827	244	641731	7.910	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.610	107	71778	3.103	ng	90
27) 2,4-Dimethylphenol	9.810	122	90194	5.840	ng	95
31) Naphthalene	10.675	128	156341	2.385	ng	98
32) Benzoic acid	10.063	122	23914	8.432	ng	# 32
65) 4,6-Dinitro-2-methylph...	15.627	198	75	5.020	ng	# 1
71) Phenanthrene	17.245	178	404773	4.281	ng	99
75) Fluoranthene	19.262	202	588538	5.889	ng	99
78) Pyrene	19.627	202	925100	8.269	ng	# 91
81) Benzo(a)anthracene	21.368	228	244595	2.361	ng	95
88) Benzo(b)fluoranthene	23.015	252	283179	2.647	ng	# 89
89) Benzo(k)fluoranthene	23.015	252	283179	2.595	ng	# 89
90) Benzo(a)pyrene	23.621	252	210253	2.412	ng	# 87

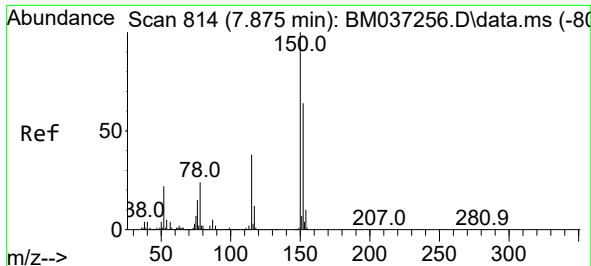
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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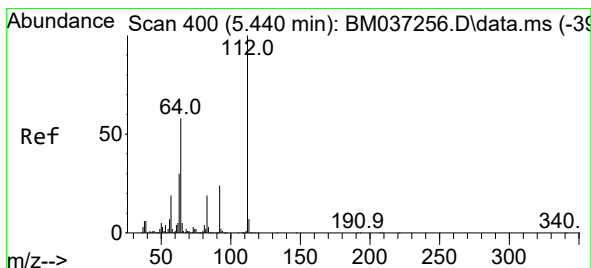
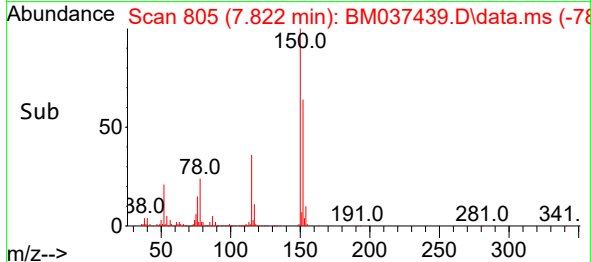
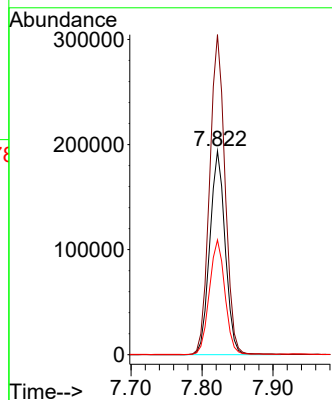
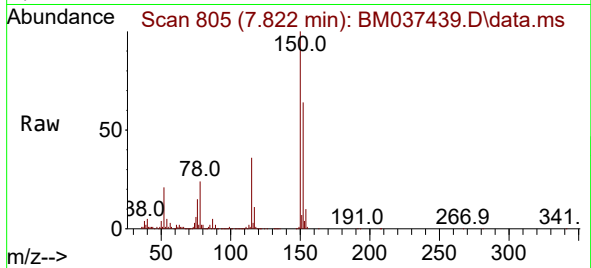




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

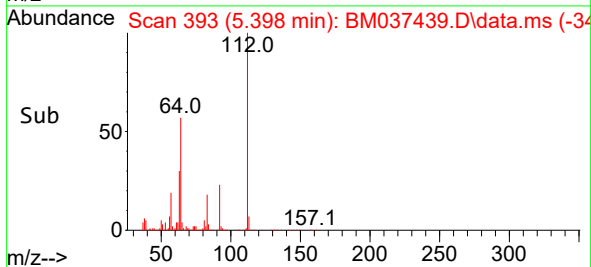
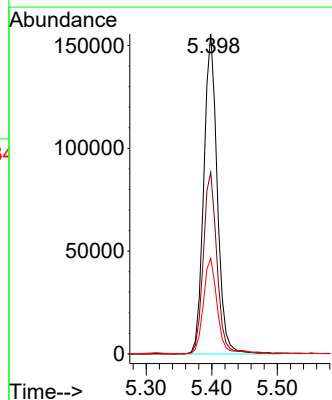
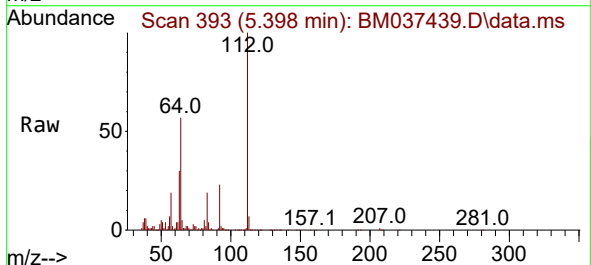
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

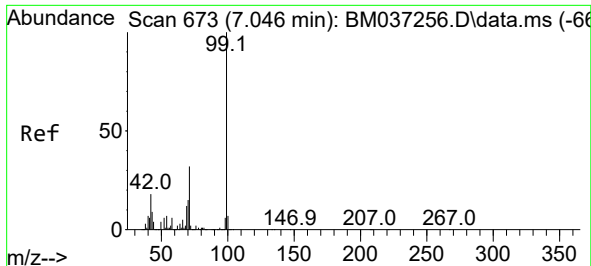
Tgt Ion:152 Resp: 292710
Ion Ratio Lower Upper
152 100
150 157.1 124.8 187.2
115 56.3 47.0 70.4



#5
2-Fluorophenol
Concen: 13.186 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:112 Resp: 223400
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.8 24.4 36.6

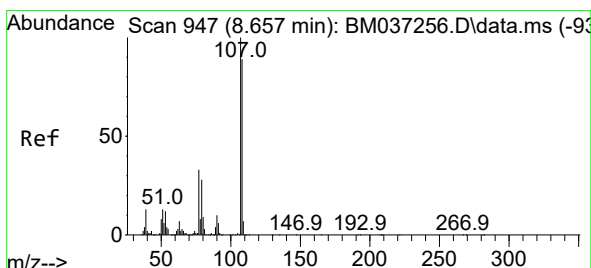
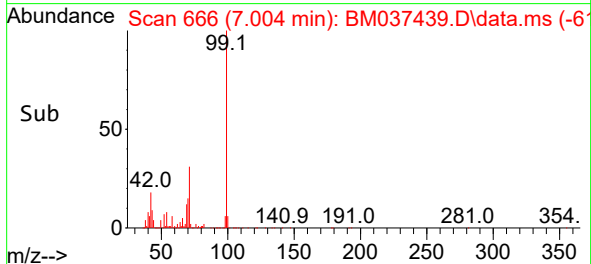
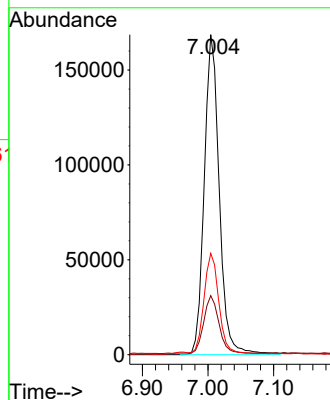
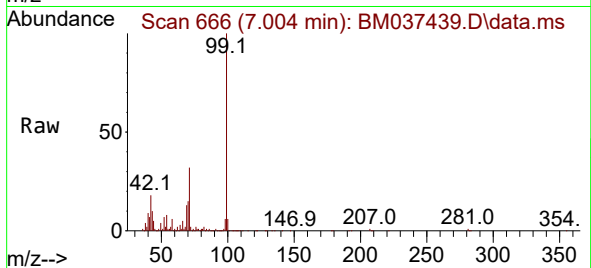




#7
Phenol-d6
Concen: 11.708 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

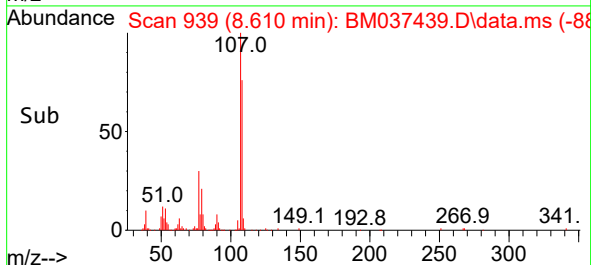
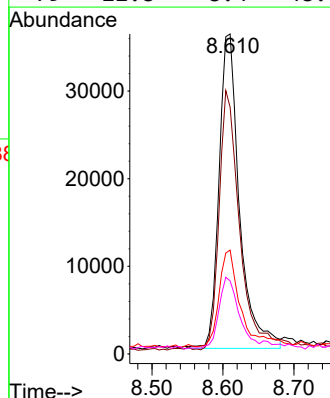
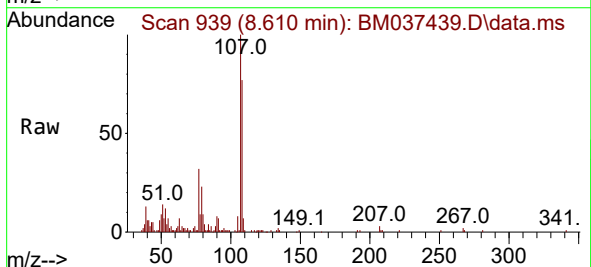
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

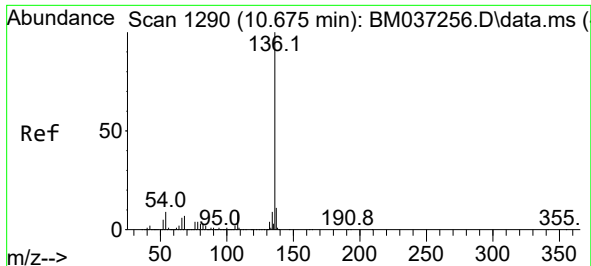
Tgt Ion: 99 Resp: 269224
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 31.6 25.6 38.4



#20
3+4-Methylphenols
Concen: 3.103 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion: 107 Resp: 71778
Ion Ratio Lower Upper
107 100
108 77.1 69.4 109.4
77 32.5 12.8 52.8
79 22.8 8.4 48.4

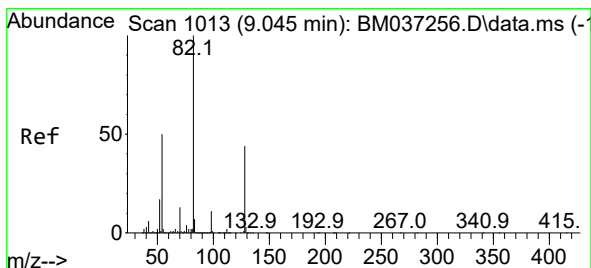
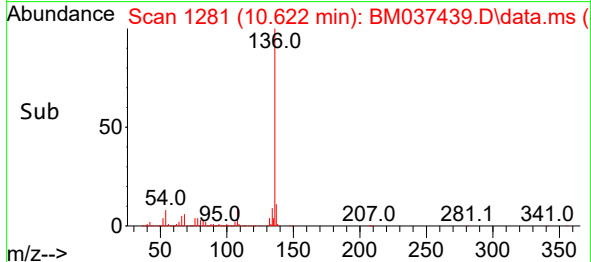
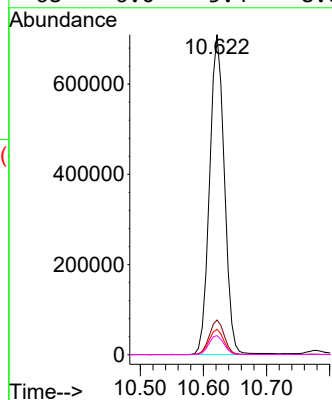
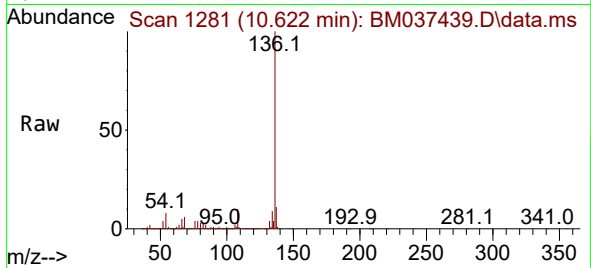




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

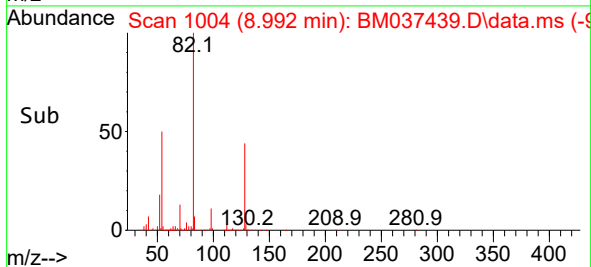
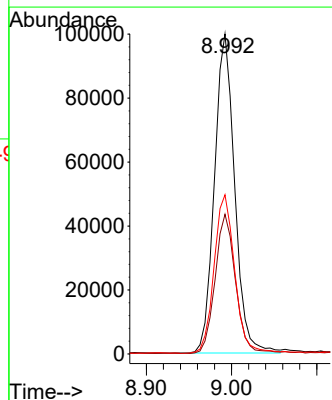
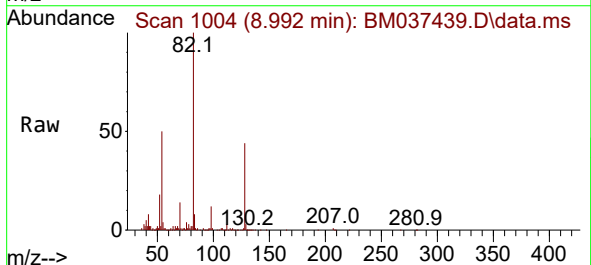
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

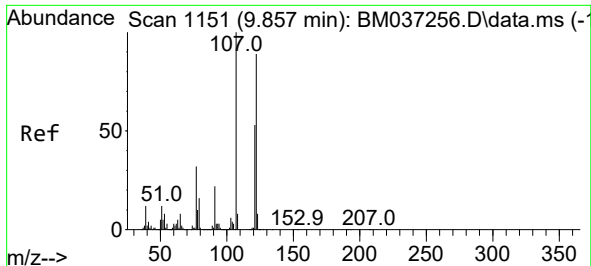
Tgt Ion:136 Resp: 1156808
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 7.0 10.4
68 6.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 7.185 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion: 82 Resp: 164743
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 49.8 40.4 60.6

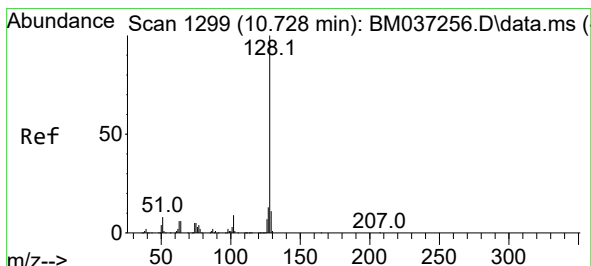
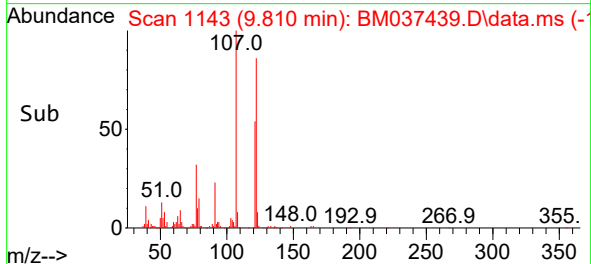
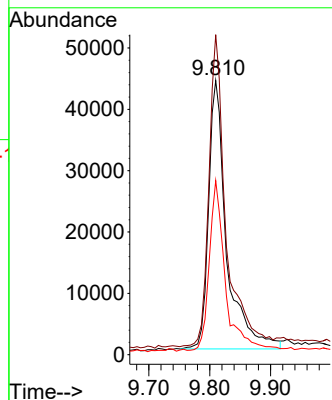
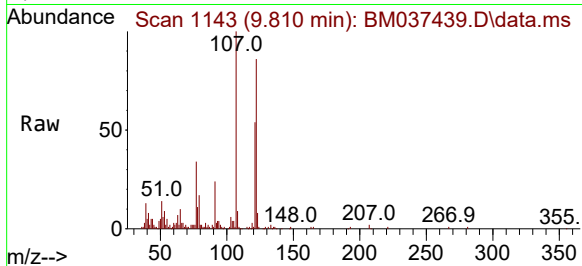




#27
2,4-Dimethylphenol
Concen: 5.840 ng
RT: 9.810 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

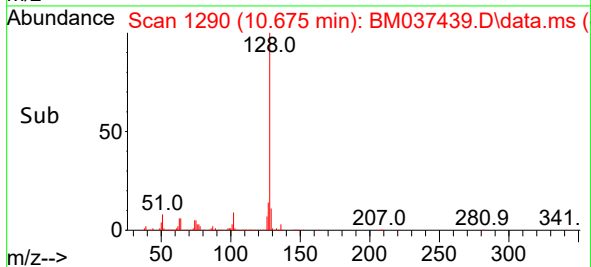
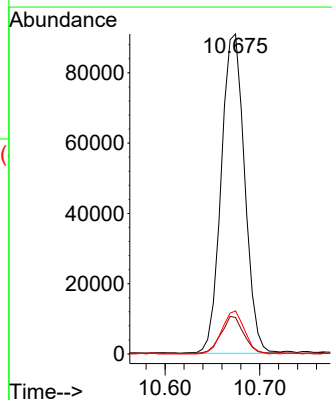
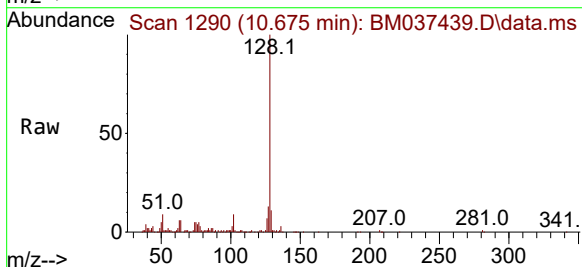
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

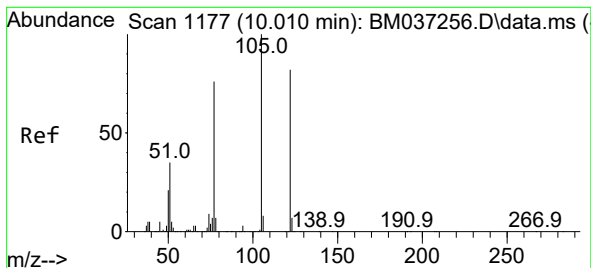
Tgt Ion:122 Resp: 90194
Ion Ratio Lower Upper
122 100
107 116.7 89.7 134.5
121 63.4 47.1 70.7



#31
Naphthalene
Concen: 2.385 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:128 Resp: 156341
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.2 15.2





#32

Benzoic acid

Concen: 8.432 ng

RT: 10.063 min Scan# 1177

Delta R.T. 0.088 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-13

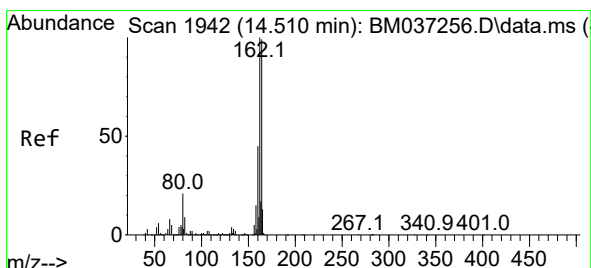
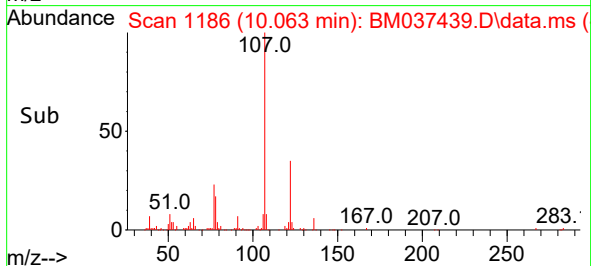
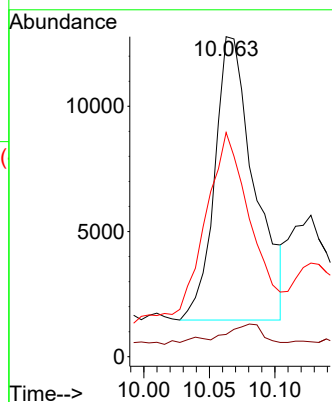
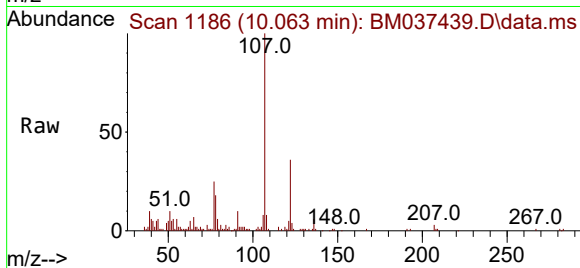
Tgt Ion:122 Resp: 23914

Ion Ratio Lower Upper

122 100

105 6.9 100.1 140.1#

77 70.1 71.7 111.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

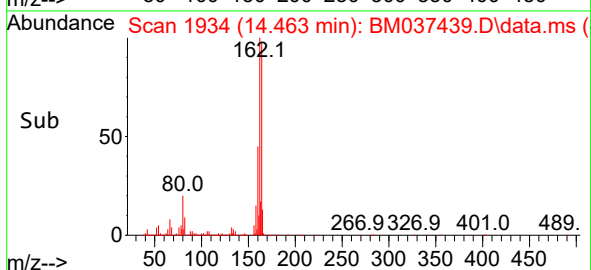
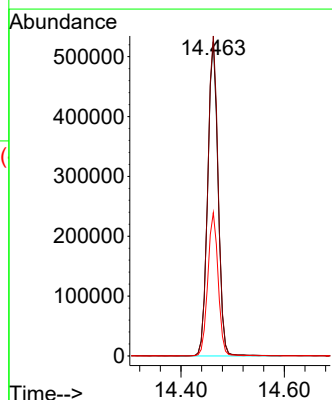
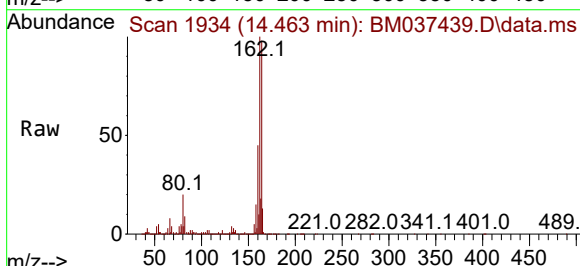
Tgt Ion:164 Resp: 729634

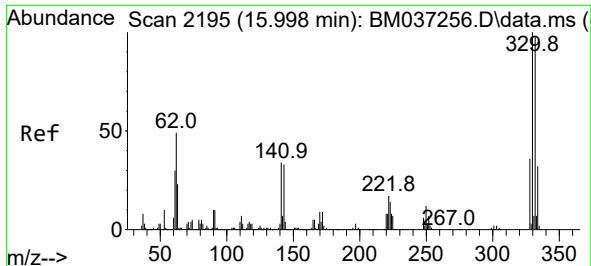
Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

160 45.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 14.732 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-13

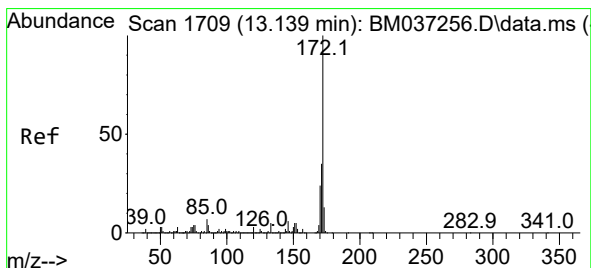
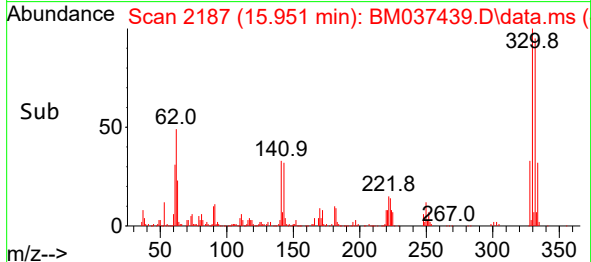
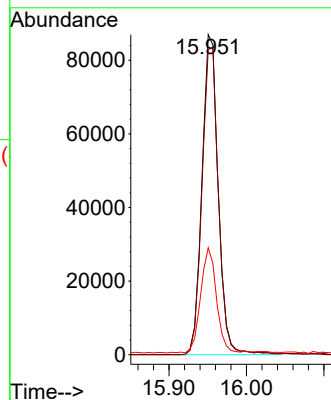
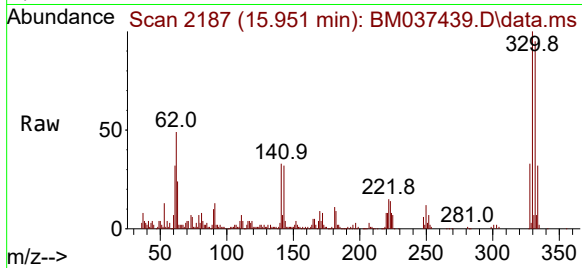
Tgt Ion:330 Resp: 126672

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 31.8 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 7.390 ng

RT: 13.086 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

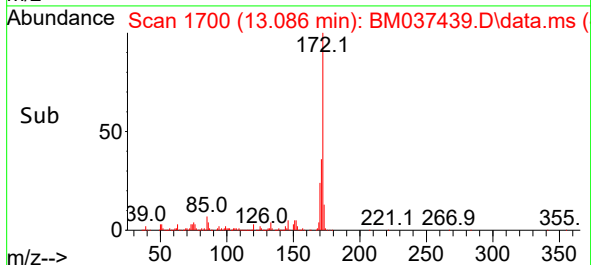
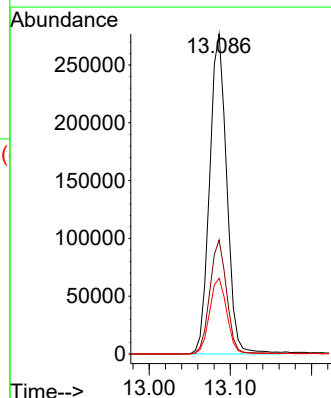
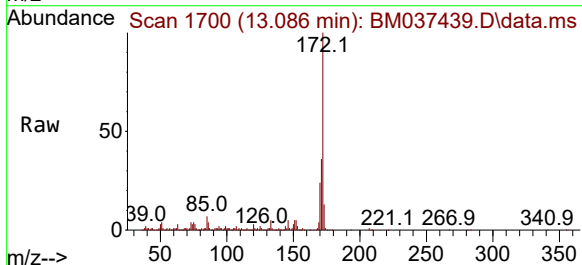
Tgt Ion:172 Resp: 405827

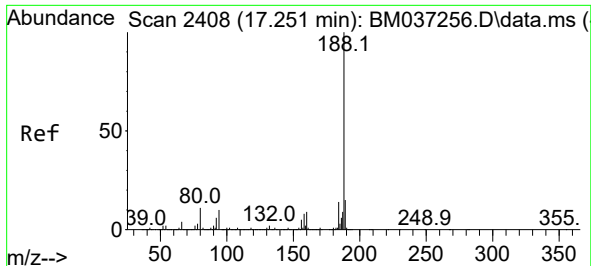
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.6 19.0 28.4

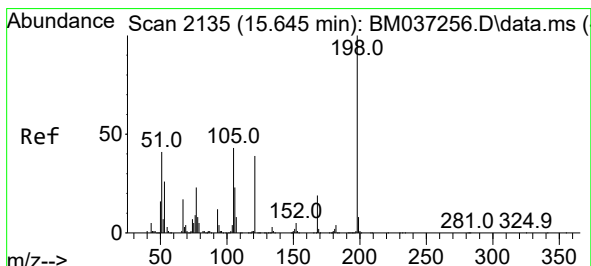
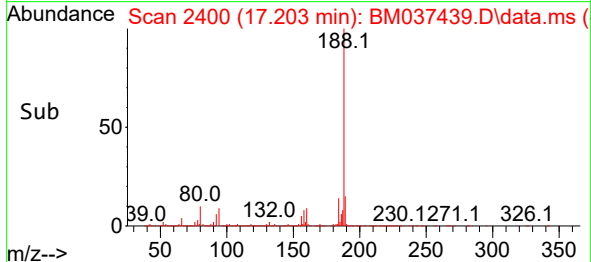
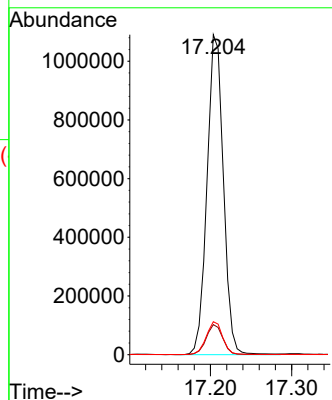
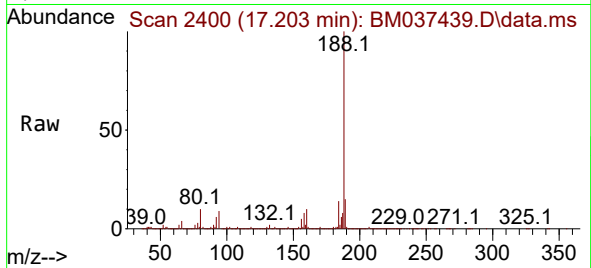




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

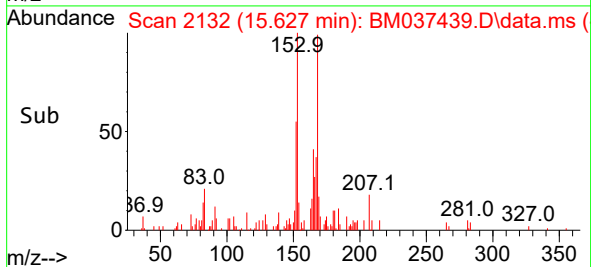
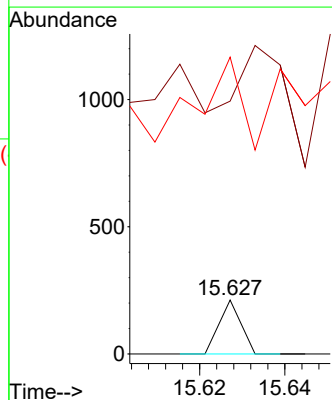
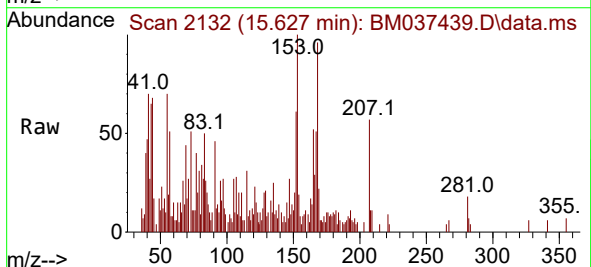
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

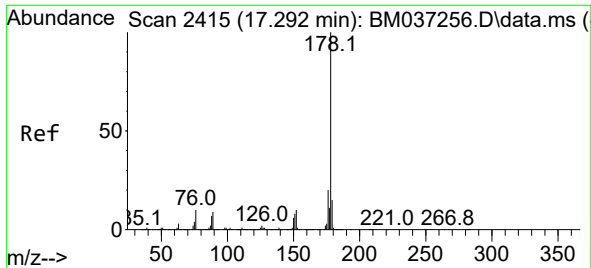
Tgt Ion:188 Resp: 1523860
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 5.020 ng
RT: 15.627 min Scan# 2132
Delta R.T. 0.023 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:198 Resp: 75
Ion Ratio Lower Upper
198 100
51 468.9 26.8 66.8#
105 550.5 24.1 64.1#

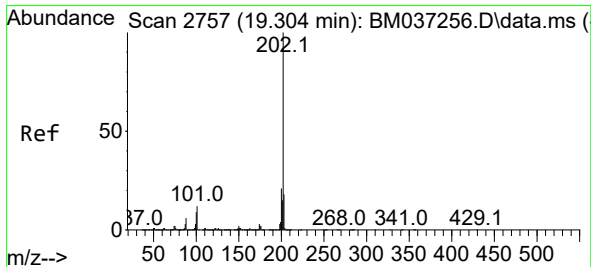
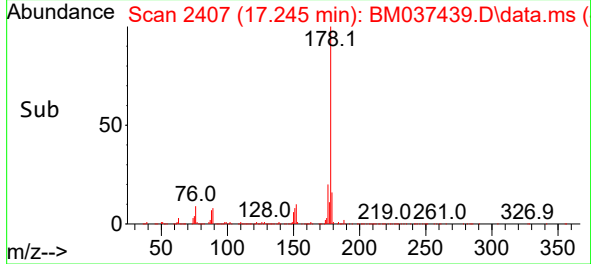
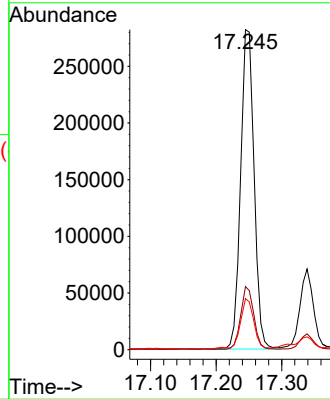
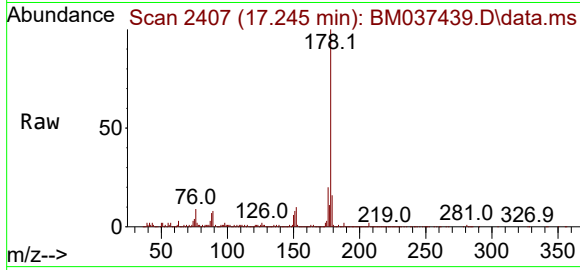




#71
Phenanthrene
Concen: 4.281 ng
RT: 17.245 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

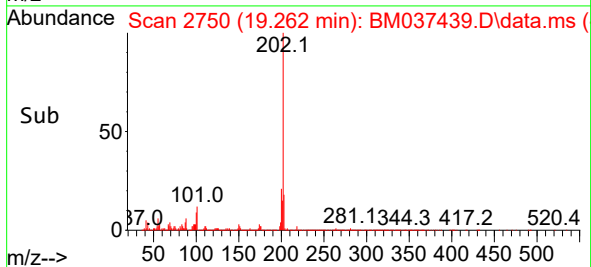
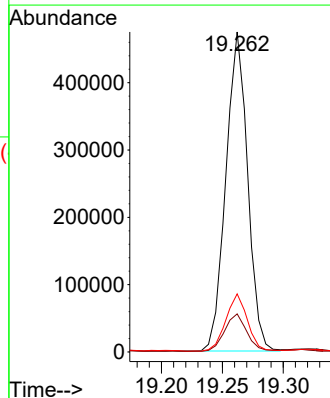
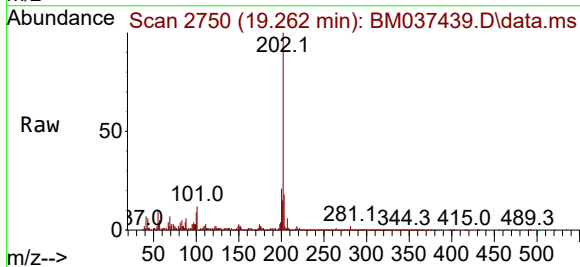
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

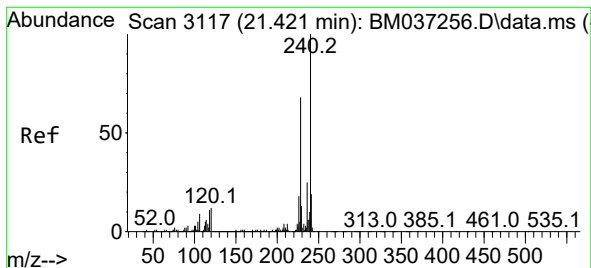
Tgt Ion:178 Resp: 404773
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.4 18.6



#75
Fluoranthene
Concen: 5.889 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:202 Resp: 588538
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.4
203 18.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-13

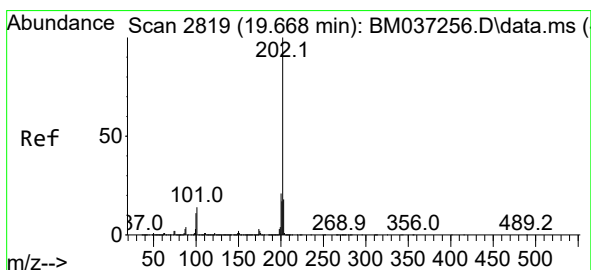
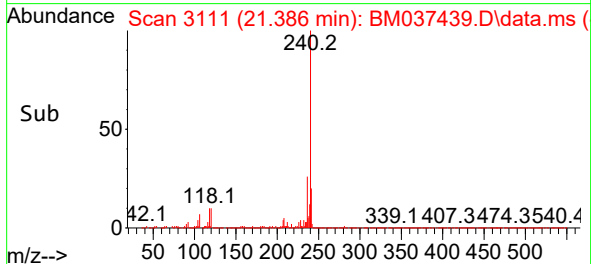
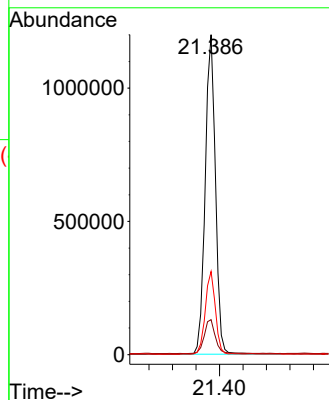
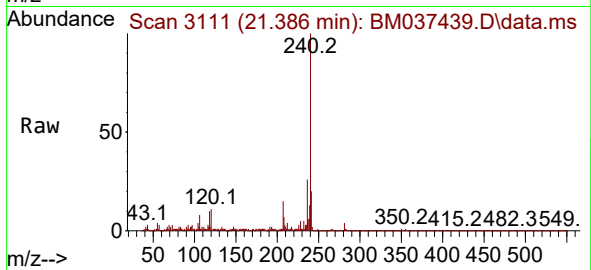
Tgt Ion:240 Resp: 1454936

Ion Ratio Lower Upper

240 100

120 11.0 9.9 14.9

236 26.0 20.3 30.5



#78

Pyrene

Concen: 8.269 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

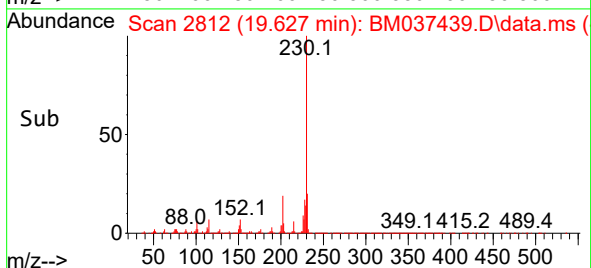
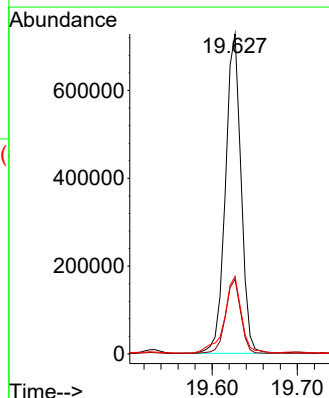
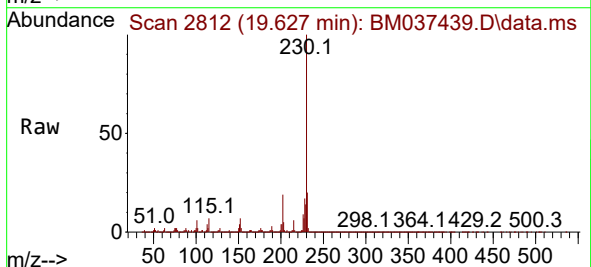
Tgt Ion:202 Resp: 925100

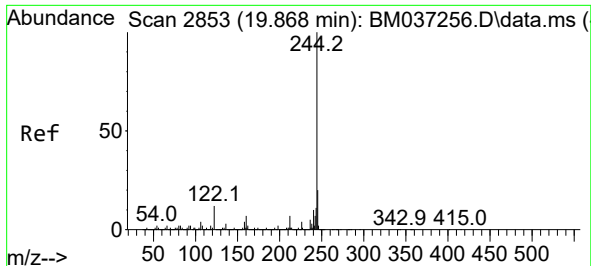
Ion Ratio Lower Upper

202 100

200 23.3 17.0 25.6

203 24.3 14.1 21.1#

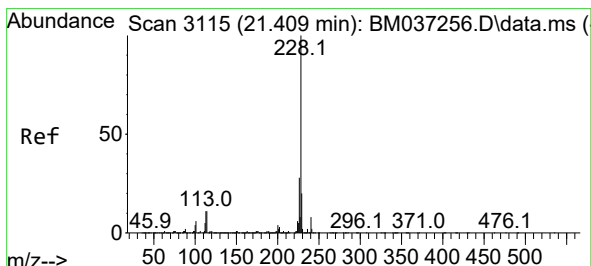
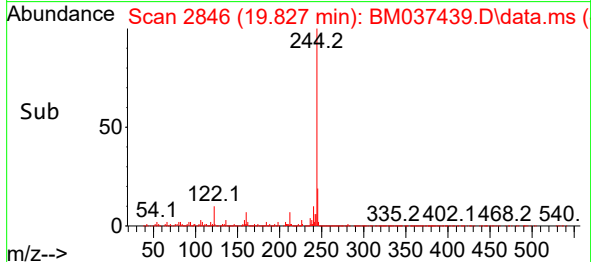
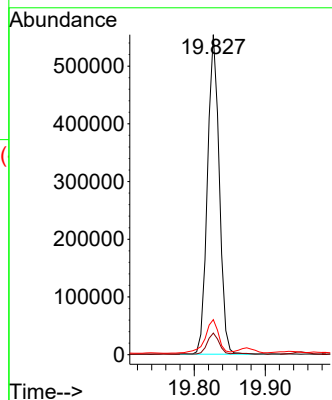
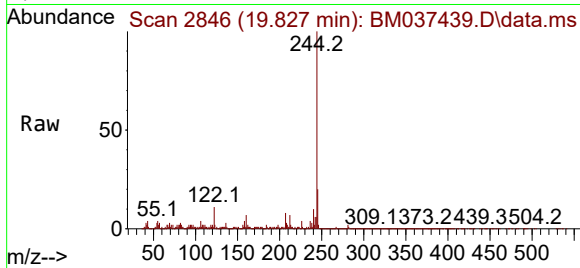




#79
 Terphenyl-d14
 Concen: 7.910 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM037439.D
 Acq: 09 Nov 2022 16:29

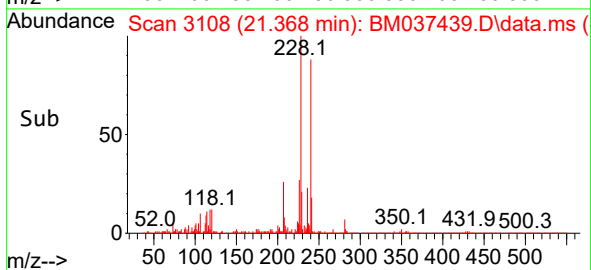
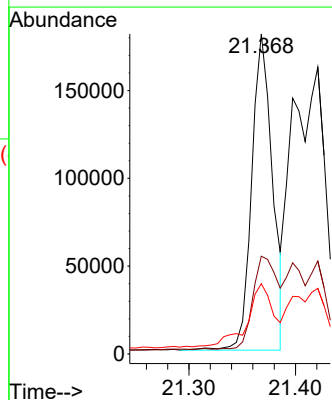
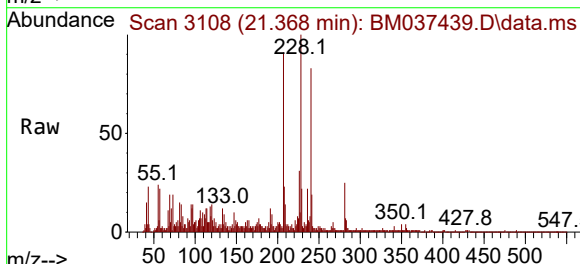
Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-13

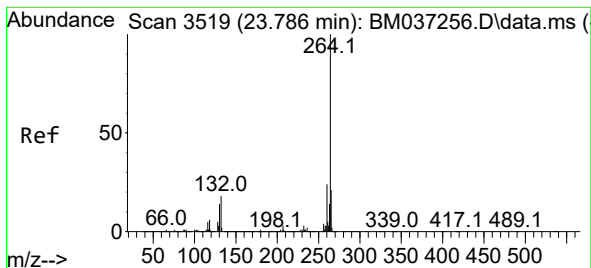
Tgt Ion:244 Resp: 641731
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.0 9.4 14.2



#81
 Benzo(a)anthracene
 Concen: 2.361 ng
 RT: 21.368 min Scan# 3108
 Delta R.T. 0.006 min
 Lab File: BM037439.D
 Acq: 09 Nov 2022 16:29

Tgt Ion:228 Resp: 244595
 Ion Ratio Lower Upper
 228 100
 226 30.6 22.3 33.5
 229 22.0 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-13

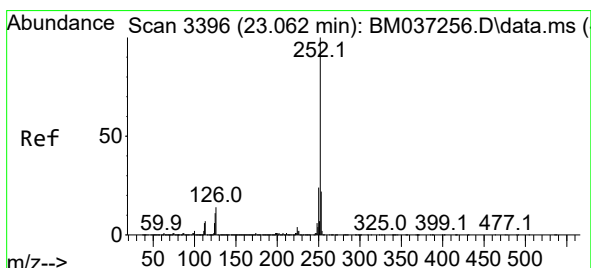
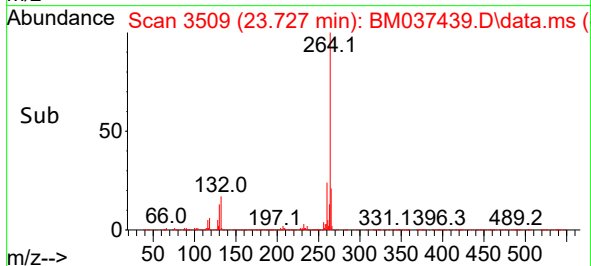
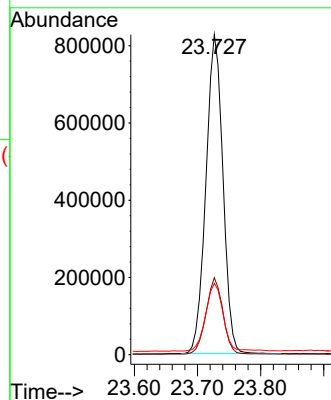
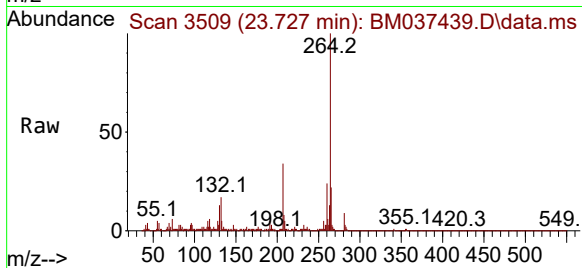
Tgt Ion:264 Resp: 1540966

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.3 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 2.647 ng

RT: 23.015 min Scan# 3388

Delta R.T. 0.012 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

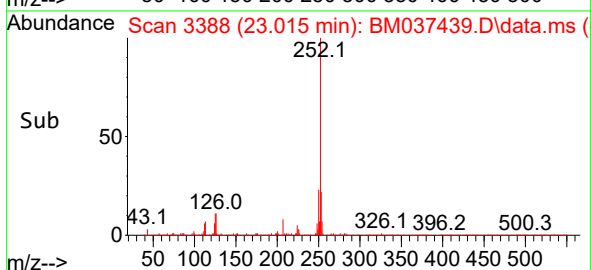
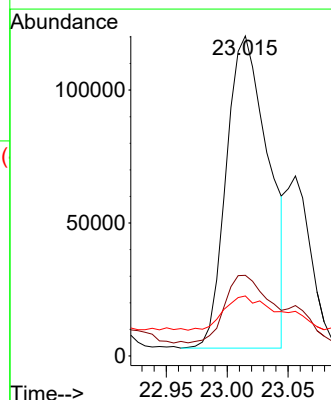
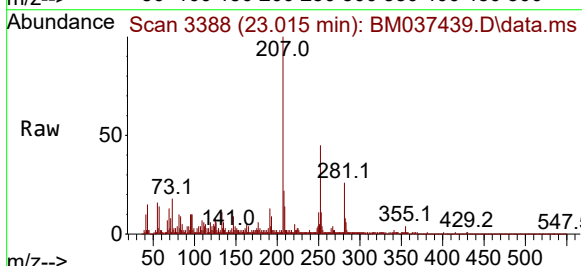
Tgt Ion:252 Resp: 283179

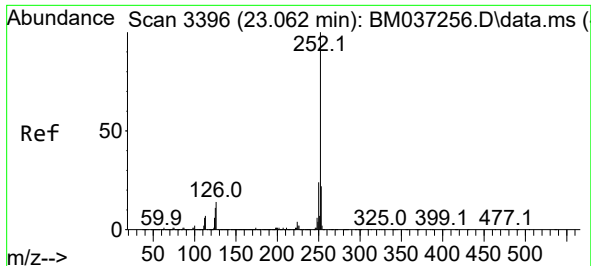
Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.6

125 18.7 9.1 13.7#

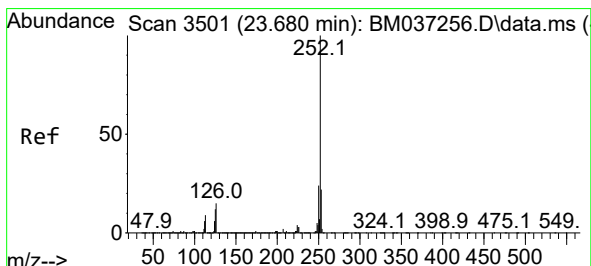
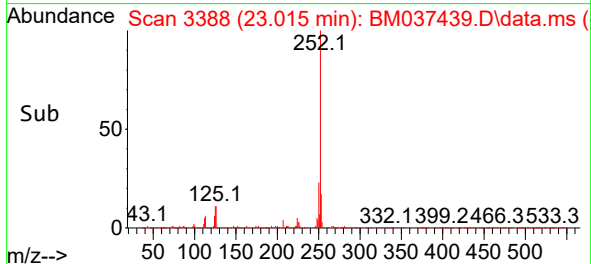
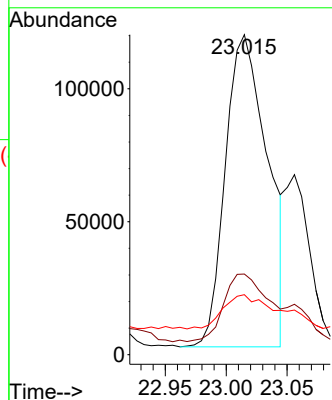
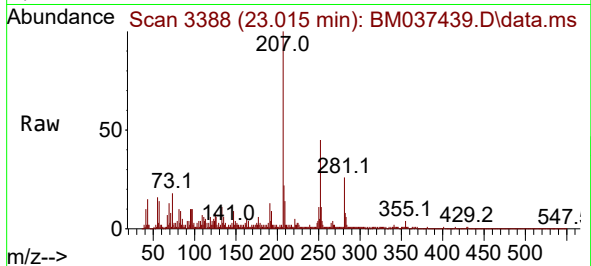




#89
Benzo(k)fluoranthene
Concen: 2.595 ng
RT: 23.015 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

Tgt Ion:252 Resp: 283179
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.6
125 18.7 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 2.412 ng
RT: 23.621 min Scan# 3491
Delta R.T. 0.012 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:252 Resp: 210253
Ion Ratio Lower Upper
252 100
253 26.6 17.4 26.2#
125 19.1 9.9 14.9#

