

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037441.D
 Acq On : 09 Nov 2022 17:40
 Operator : CG/JU
 Sample : N5436-10 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-10

Quant Time: Nov 10 05:49:03 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)

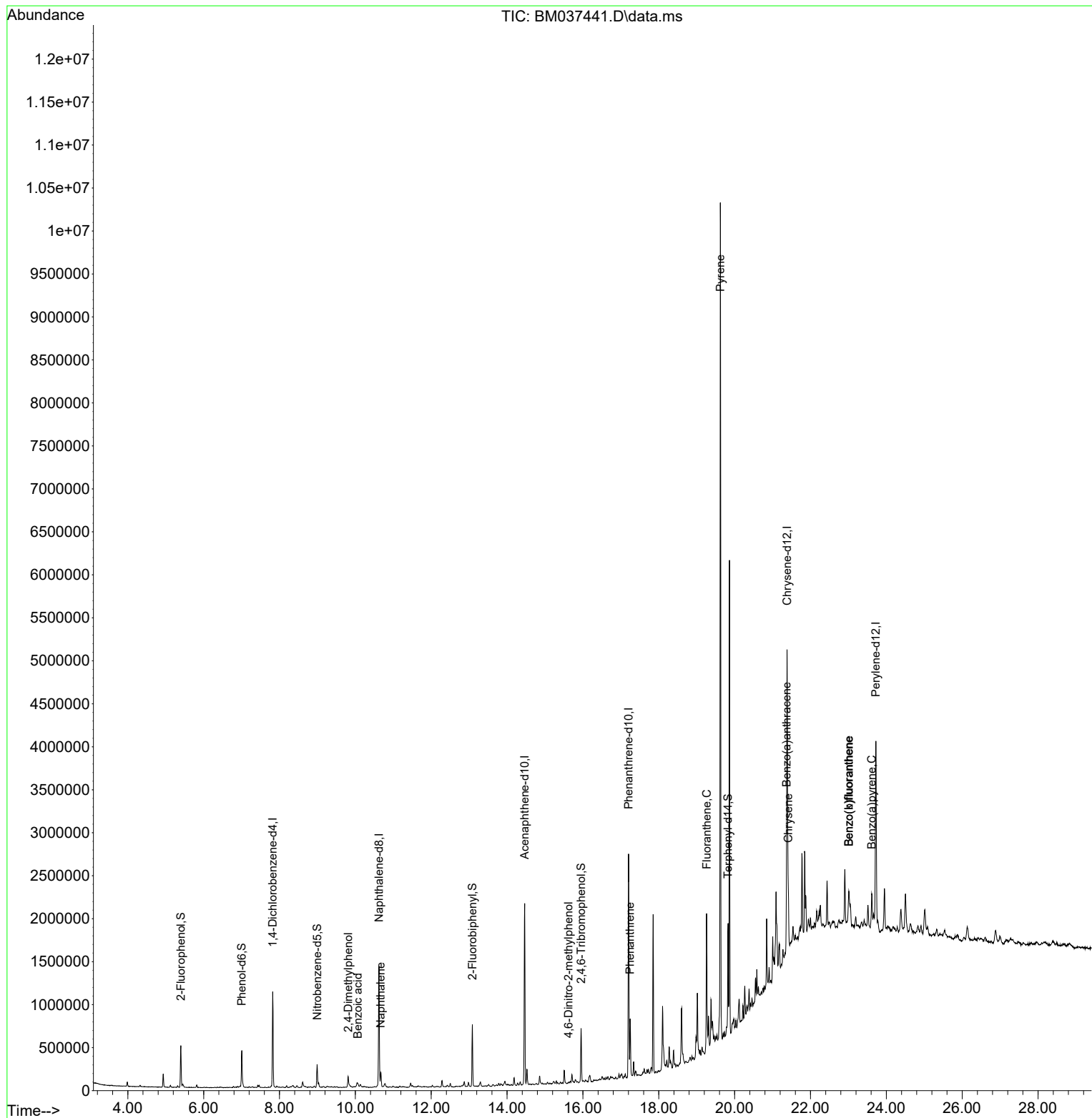
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	296870	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1138896	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	709002	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1498165	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1488160	20.000	ng	0.00
86) Perylene-d12	23.721	264	1567780	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	210023	12.222	ng	0.00
7) Phenol-d6	7.004	99	249897	10.715	ng	0.00
23) Nitrobenzene-d5	8.992	82	152264	6.745	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	113190	13.547	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	369038	6.916	ng	0.00
79) Terphenyl-d14	19.827	244	600547	7.237	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.810	122	49798	3.275	ng	99
31) Naphthalene	10.669	128	136216	2.111	ng	100
32) Benzoic acid	10.063	122	9396	7.558	ng	# 39
65) 4,6-Dinitro-2-methylph...	15.621	198	59	5.019	ng	# 1
71) Phenanthrene	17.245	178	388250	4.177	ng	100
75) Fluoranthene	19.262	202	768591	7.823	ng	98
78) Pyrene	19.621	202	1054982	9.219	ng	# 93
81) Benzo(a)anthracene	21.368	228	337386	3.184	ng	94
83) Chrysene	21.415	228	406501	3.982	ng	97
88) Benzo(b)fluoranthene	23.009	252	492315	4.523	ng	# 94
89) Benzo(k)fluoranthene	23.009	252	492315	4.434	ng	# 94
90) Benzo(a)pyrene	23.615	252	278960	3.146	ng	# 93

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

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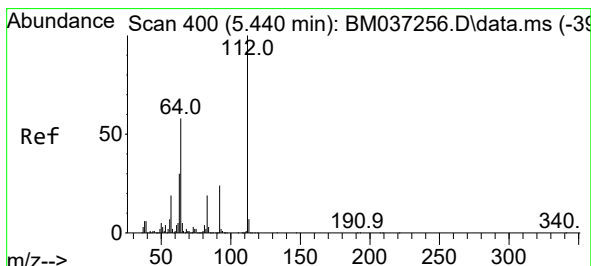
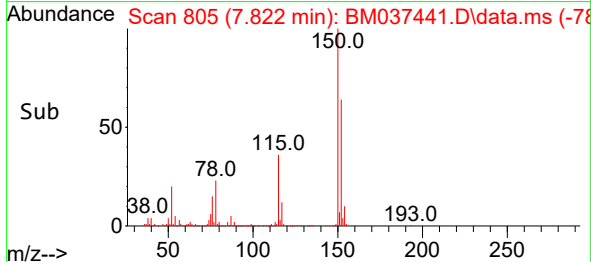
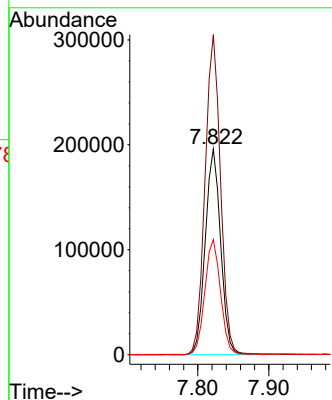
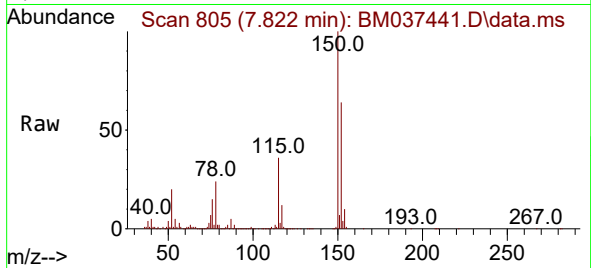




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

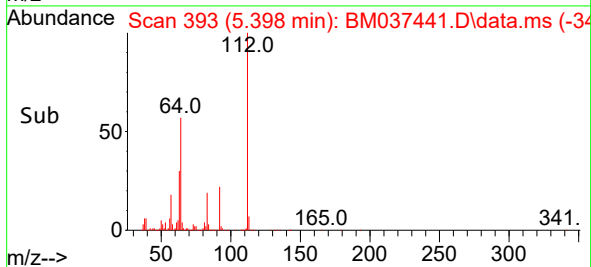
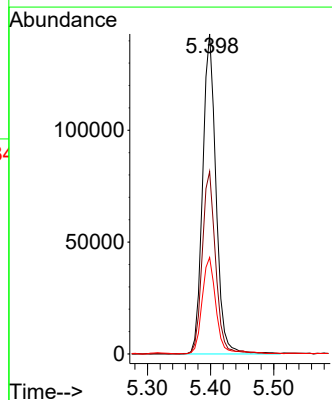
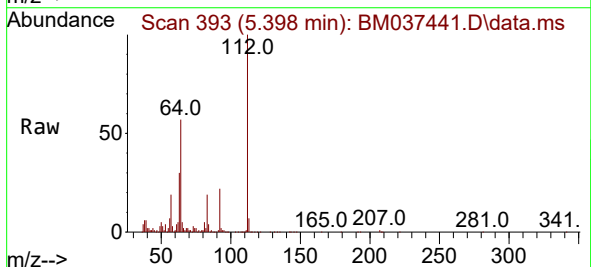
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

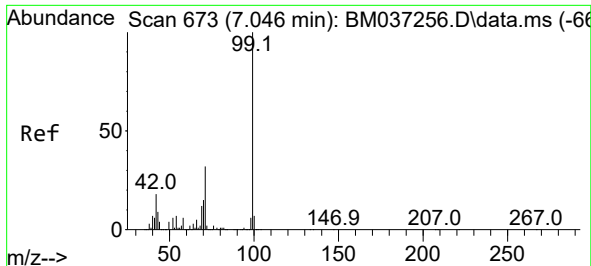
Tgt Ion:152 Resp: 296870
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 55.9 47.0 70.4



#5
2-Fluorophenol
Concen: 12.222 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:112 Resp: 210023
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 30.2 24.4 36.6

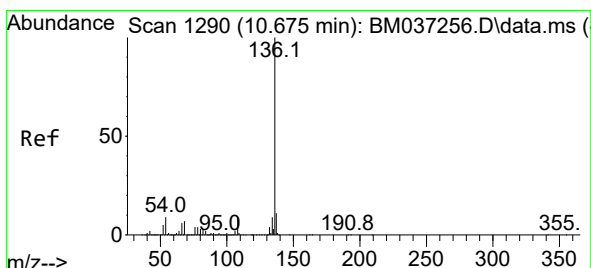
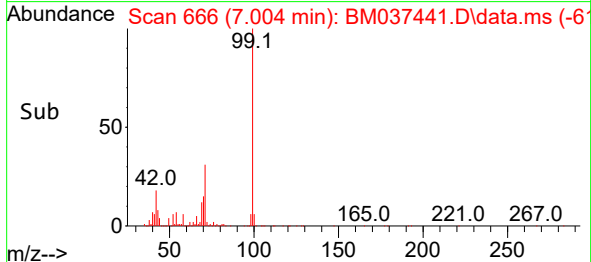
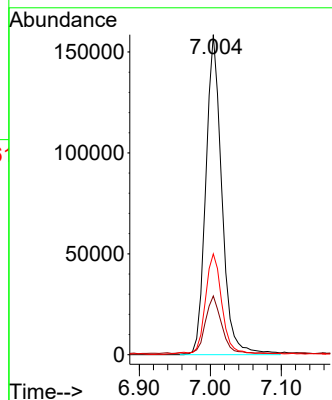
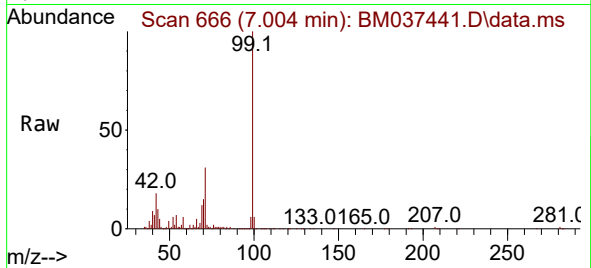




#7
Phenol-d6
Concen: 10.715 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

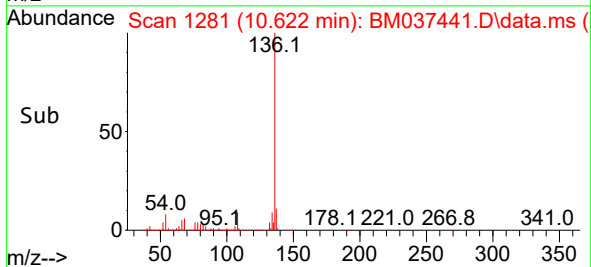
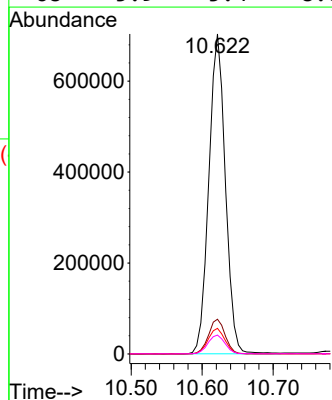
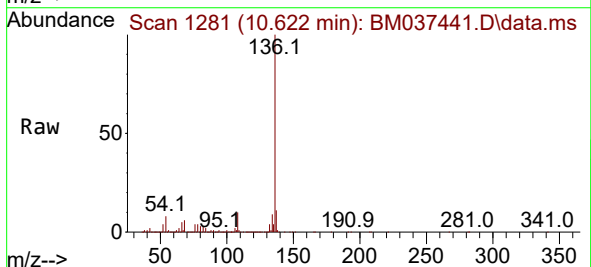
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

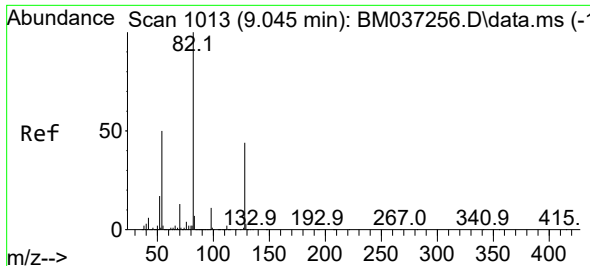
Tgt Ion: 99 Resp: 249897
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:136 Resp: 1138896
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 7.0 10.4
68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 6.745 ng

RT: 8.992 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-10

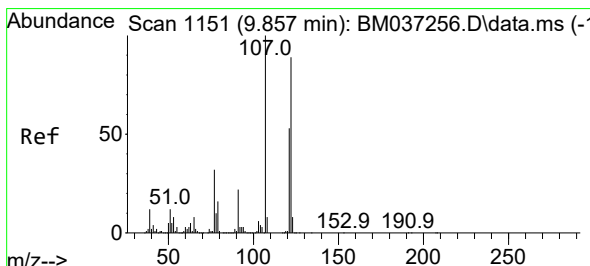
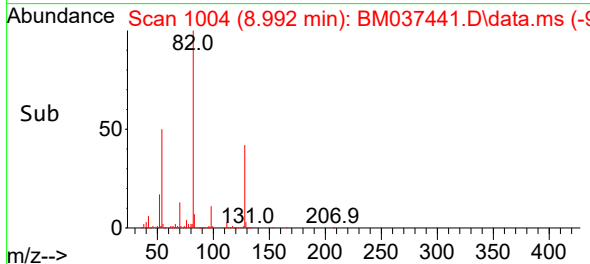
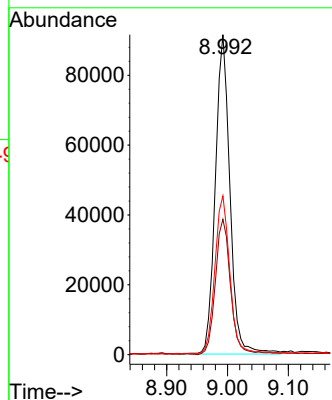
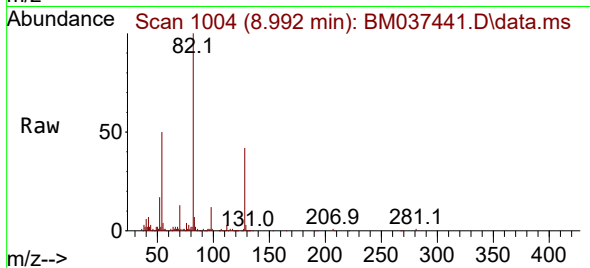
Tgt Ion: 82 Resp: 152264

Ion Ratio Lower Upper

82 100

128 42.3 35.2 52.8

54 49.6 40.4 60.6



#27

2,4-Dimethylphenol

Concen: 3.275 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

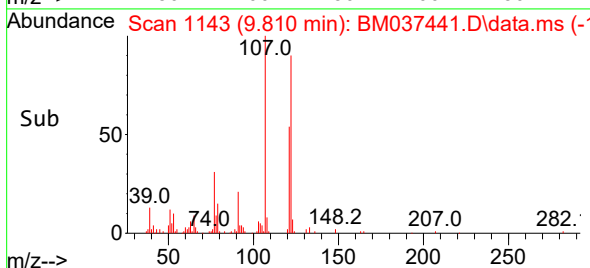
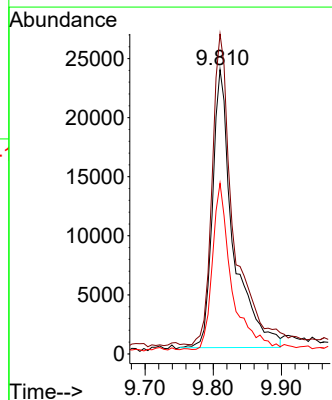
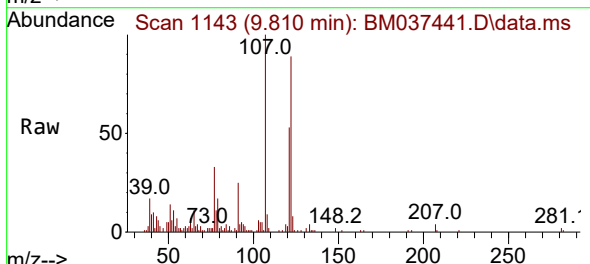
Tgt Ion: 122 Resp: 49798

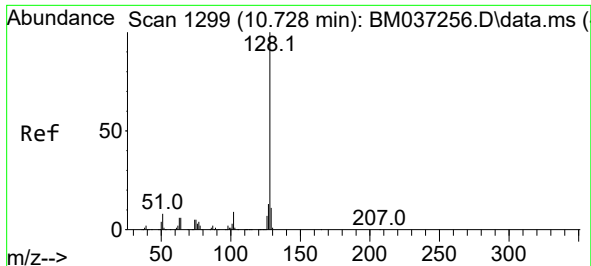
Ion Ratio Lower Upper

122 100

107 112.5 89.7 134.5

121 60.1 47.1 70.7

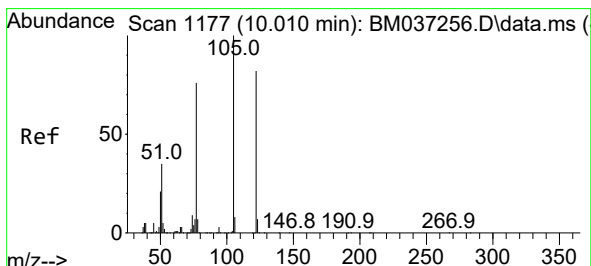
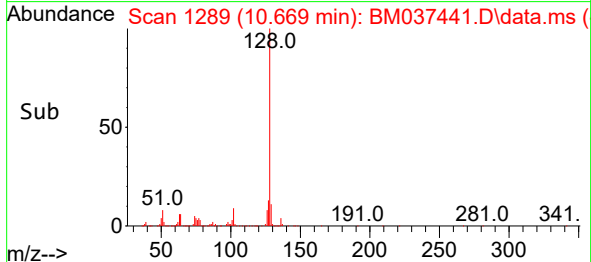
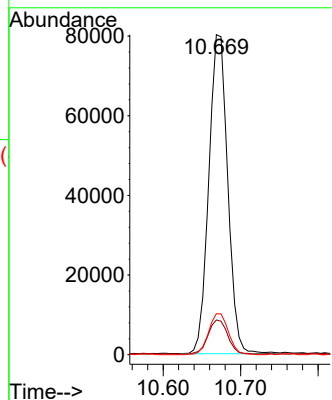
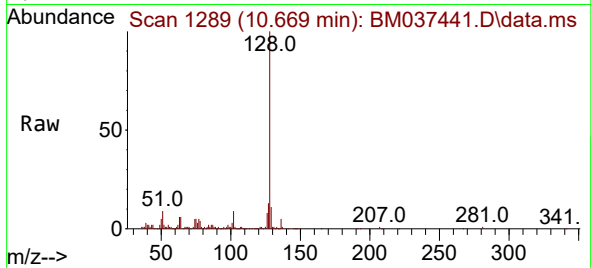




#31
Naphthalene
Concen: 2.111 ng
RT: 10.669 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

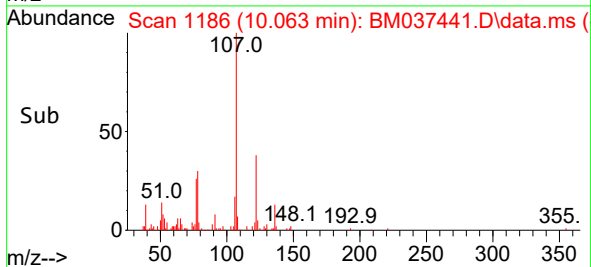
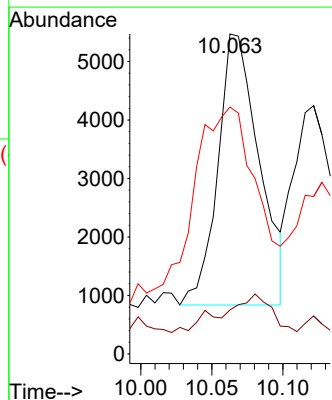
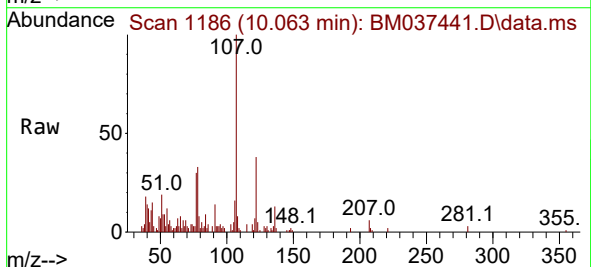
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

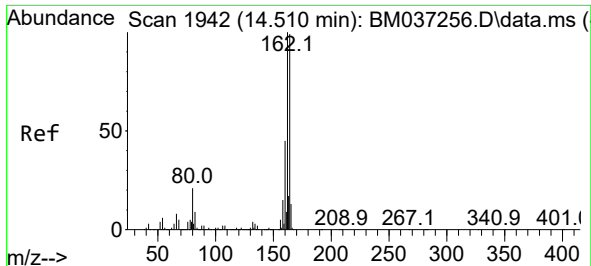
Tgt Ion:128 Resp: 136216
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.2



#32
Benzoic acid
Concen: 7.558 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.088 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:122 Resp: 9396
Ion Ratio Lower Upper
122 100
105 13.7 100.1 140.1#
77 77.2 71.7 111.7

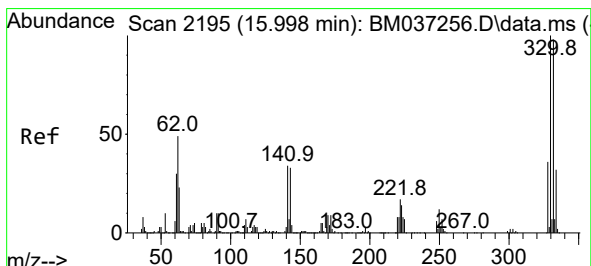
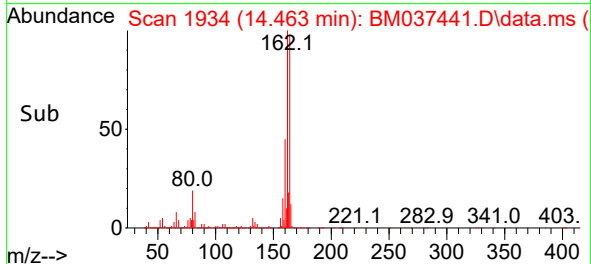
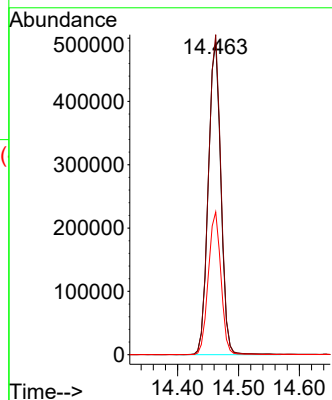
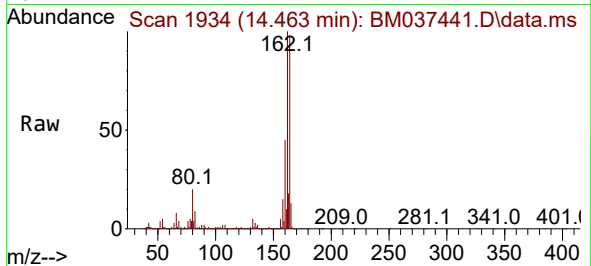




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

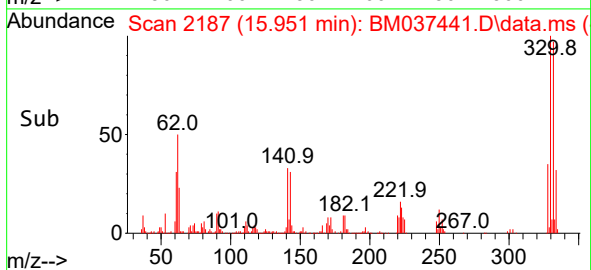
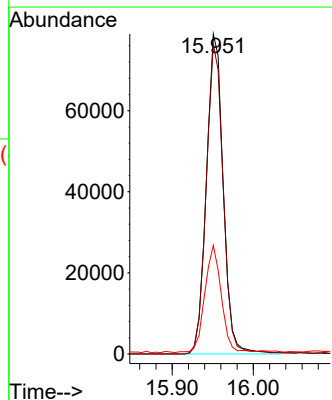
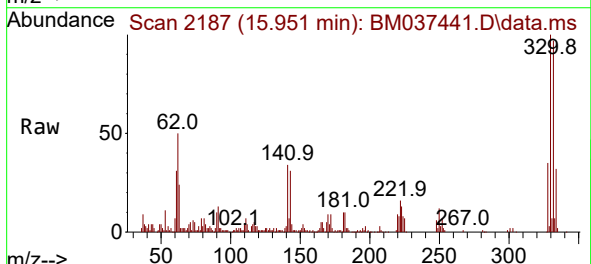
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

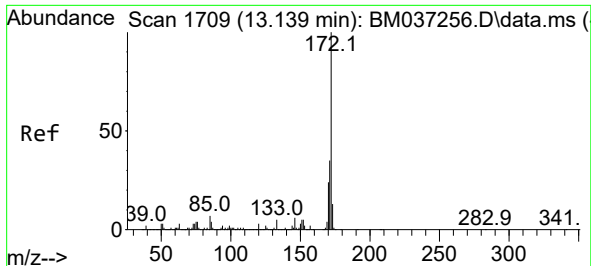
Tgt Ion:164 Resp: 709002
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 13.547 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:330 Resp: 113190
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 33.0 27.5 41.3

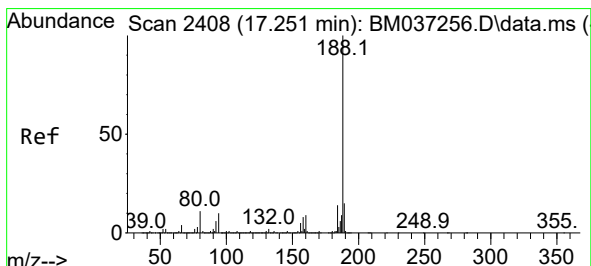
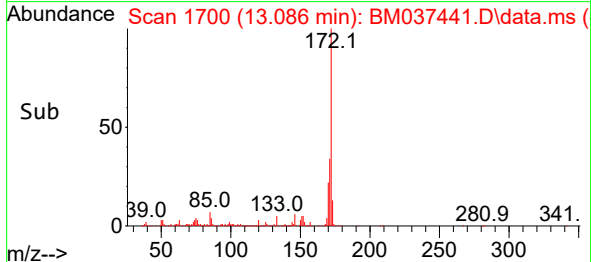
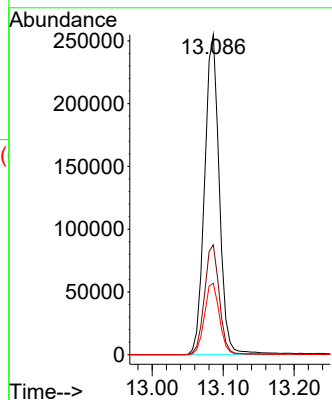
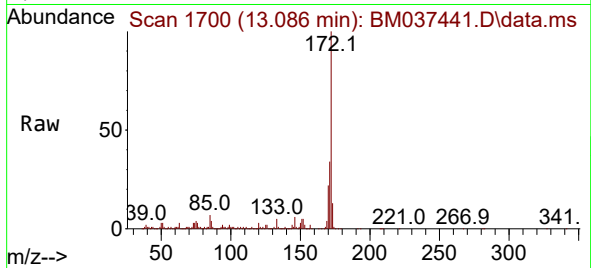




#45
2-Fluorobiphenyl
Concen: 6.916 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

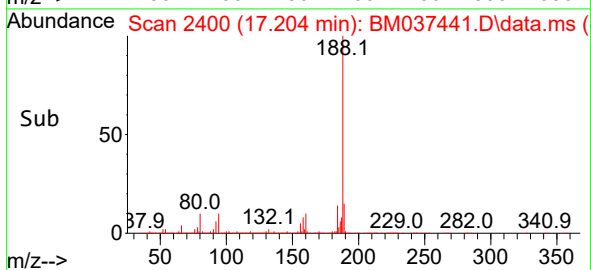
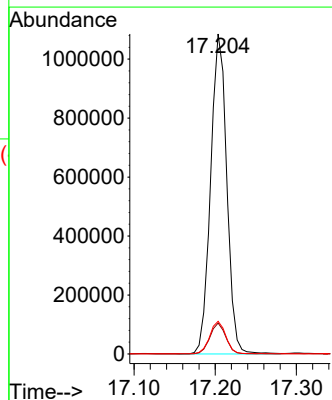
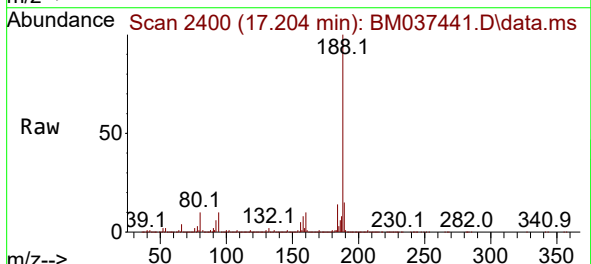
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BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

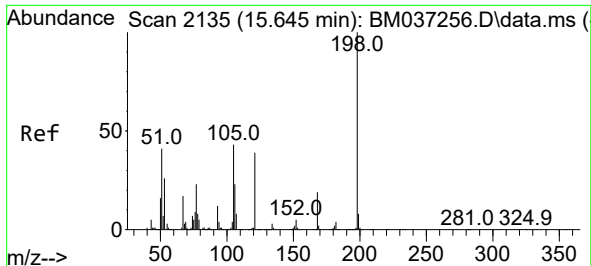
Tgt Ion:172 Resp: 369038
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:188 Resp: 1498165
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.2 8.5 12.7

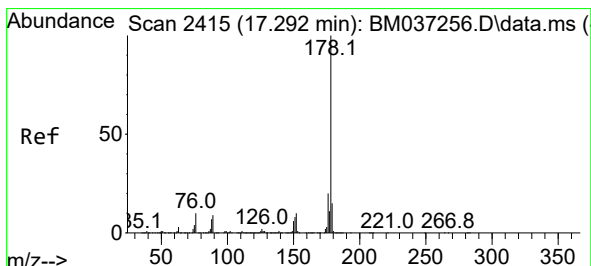
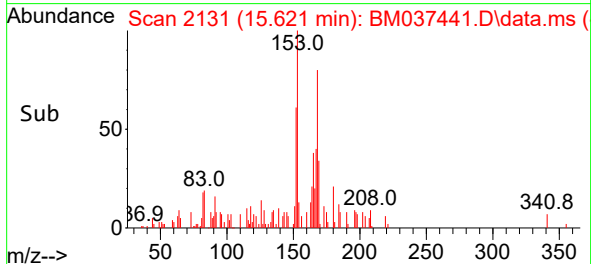
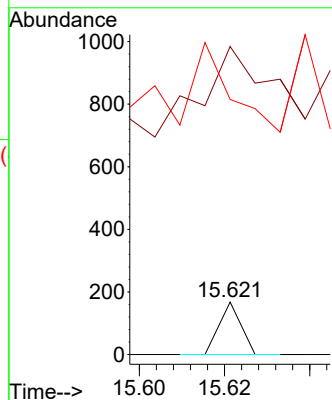
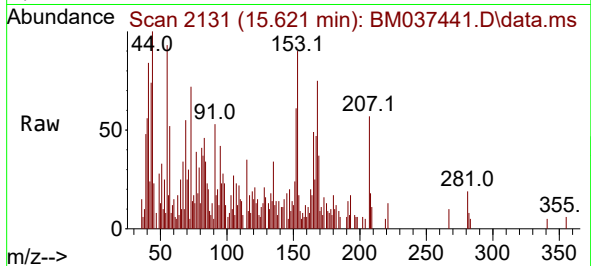




#65
4,6-Dinitro-2-methylphenol
Concen: 5.019 ng
RT: 15.621 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

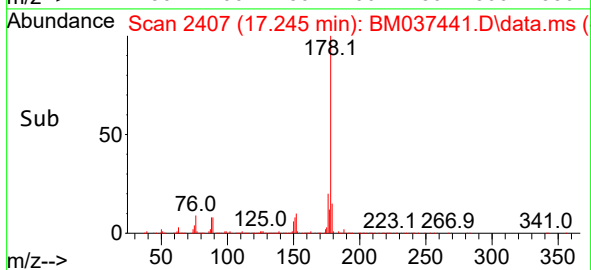
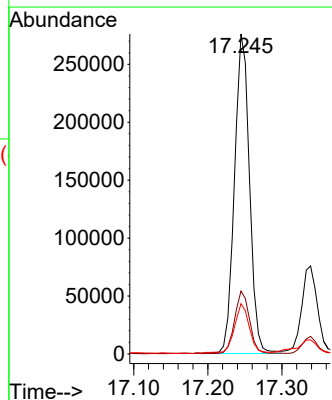
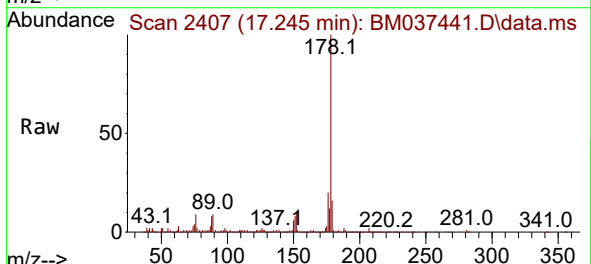
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

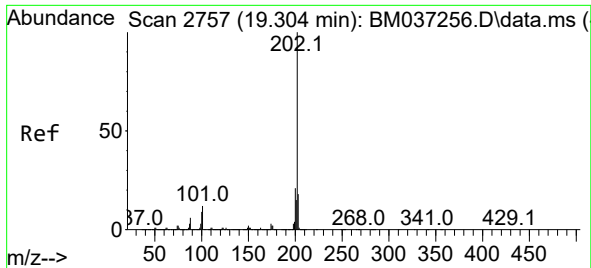
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 585.7 26.8 66.8#
105 485.1 24.1 64.1#



#71
Phenanthrene
Concen: 4.177 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:178 Resp: 388250
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.4 18.6

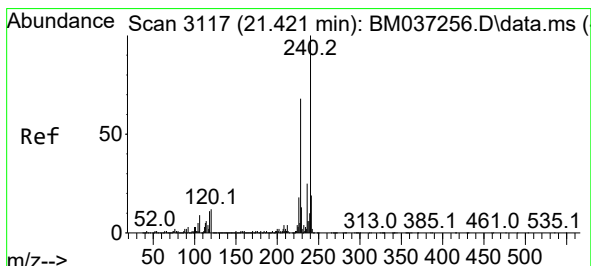
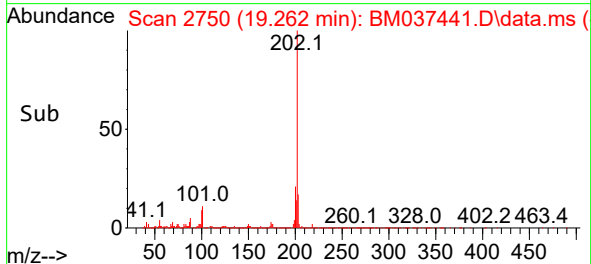
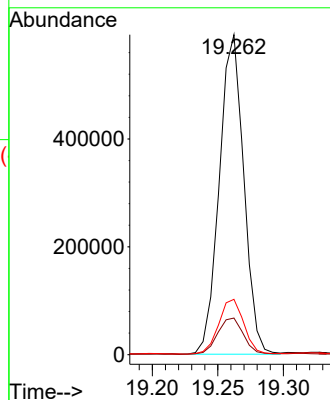
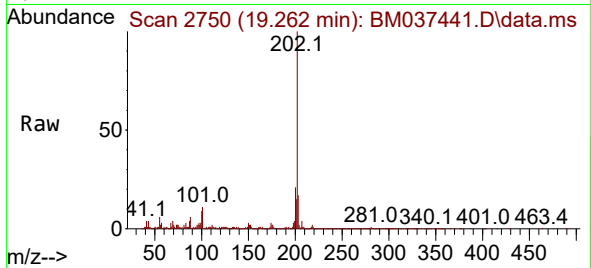




#75
Fluoranthene
Concen: 7.823 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

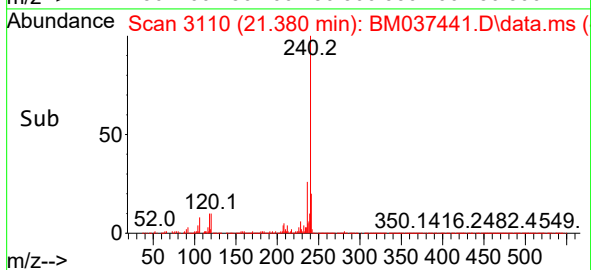
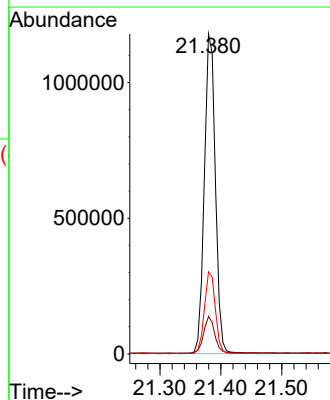
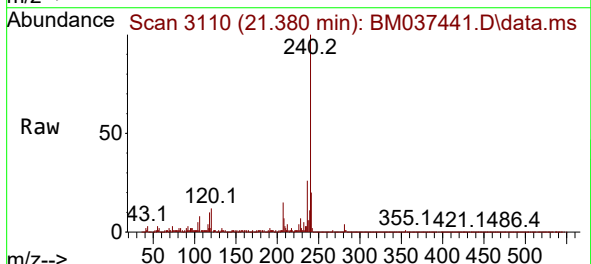
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

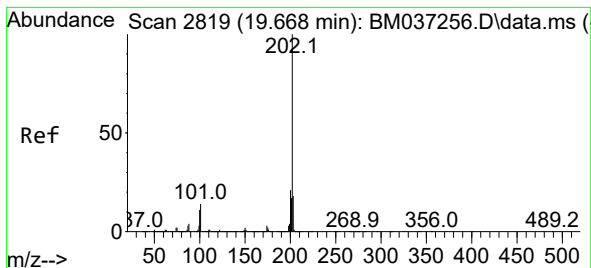
Tgt Ion:202 Resp: 768591
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.4
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:240 Resp: 1488160
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 25.7 20.3 30.5





#78

Pyrene

Concen: 9.219 ng

RT: 19.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-10

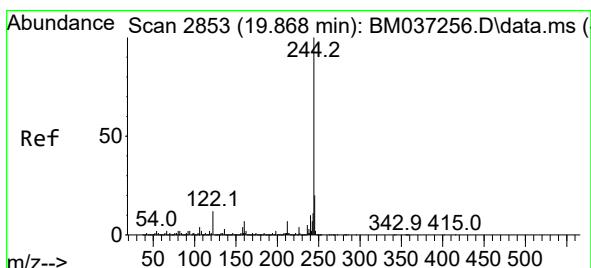
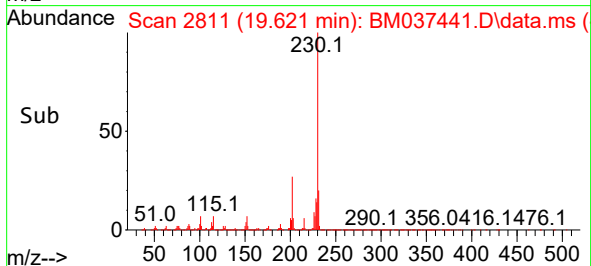
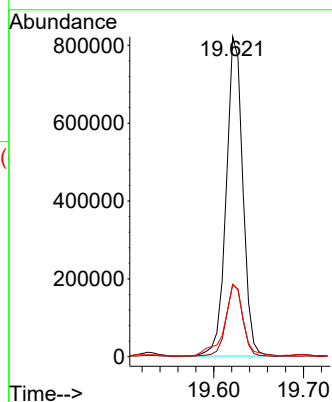
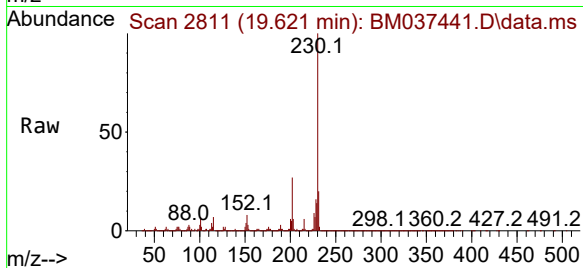
Tgt Ion:202 Resp: 1054982

Ion Ratio Lower Upper

202 100

200 22.5 17.0 25.6

203 22.7 14.1 21.1#



#79

Terphenyl-d14

Concen: 7.237 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.000 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

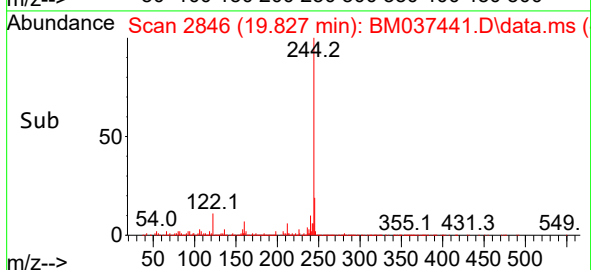
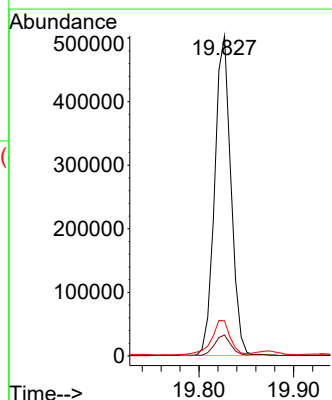
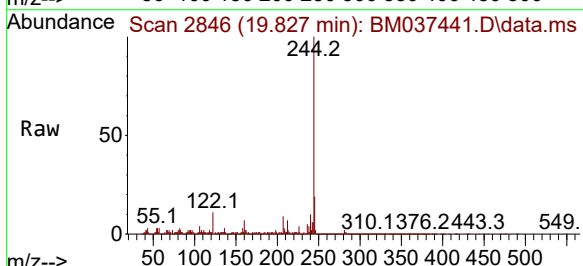
Tgt Ion:244 Resp: 600547

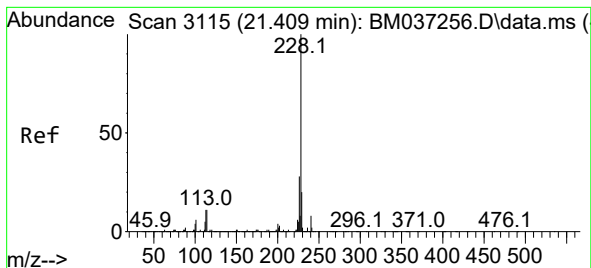
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 11.0 9.4 14.2





#81

Benzo(a)anthracene

Concen: 3.184 ng

RT: 21.368 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-10

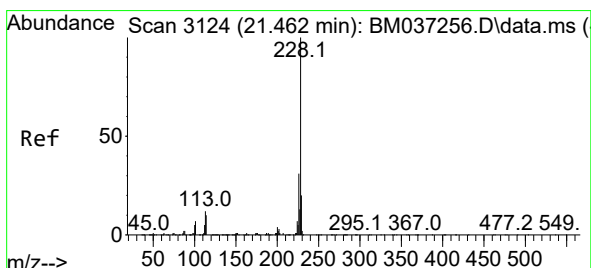
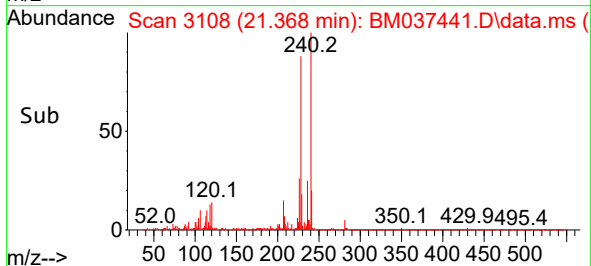
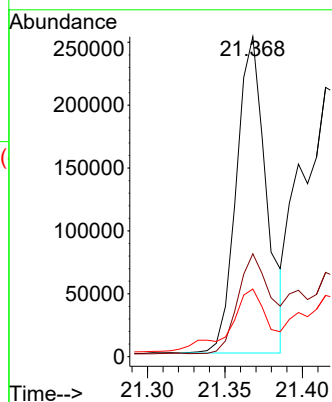
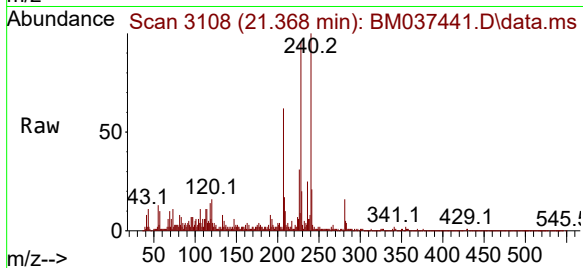
Tgt Ion:228 Resp: 337386

Ion Ratio Lower Upper

228 100

226 32.1 22.3 33.5

229 21.1 16.2 24.2



#83

Chrysene

Concen: 3.982 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

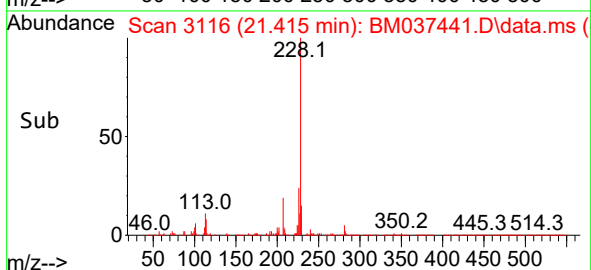
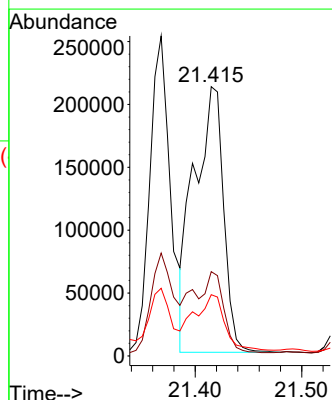
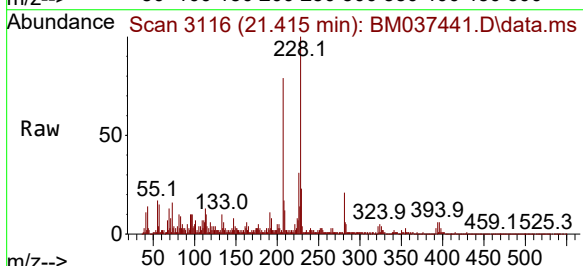
Tgt Ion:228 Resp: 406501

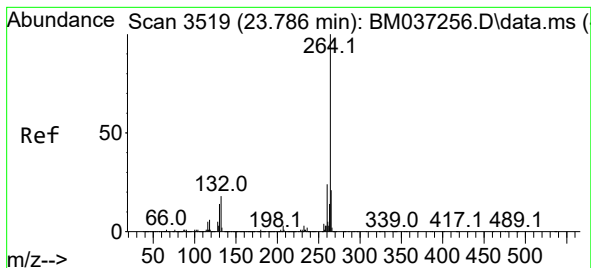
Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

229 22.8 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-10

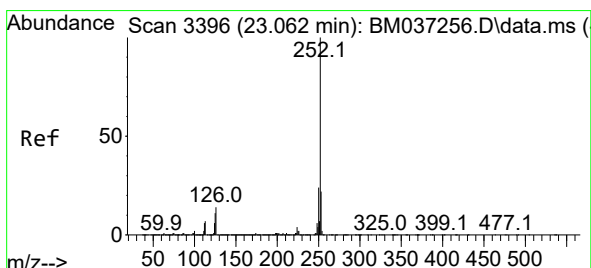
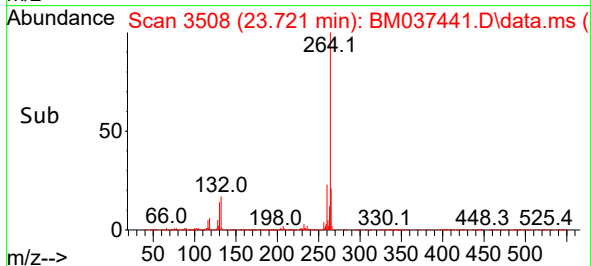
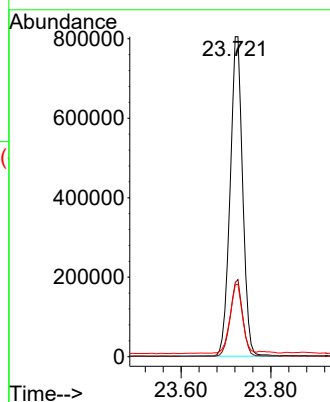
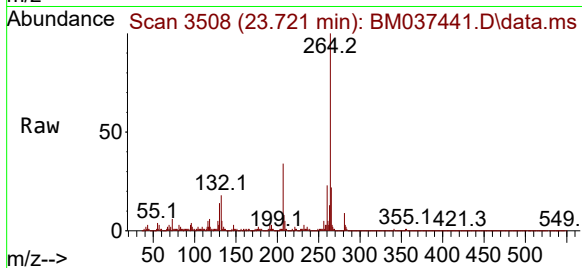
Tgt Ion:264 Resp: 1567780

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.5 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 4.523 ng

RT: 23.009 min Scan# 3387

Delta R.T. 0.006 min

Lab File: BM037441.D

Acq: 09 Nov 2022 17:40

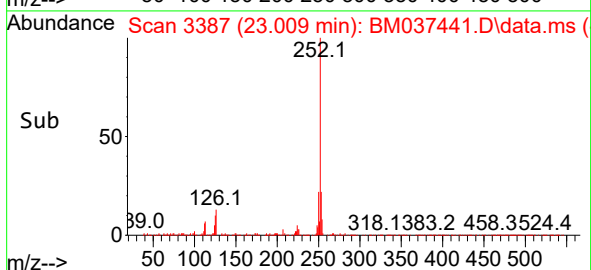
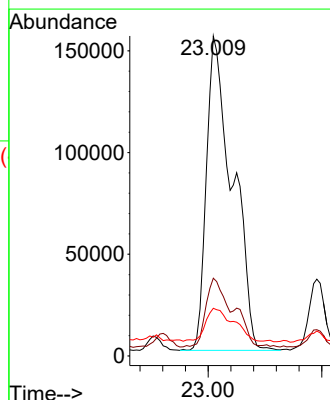
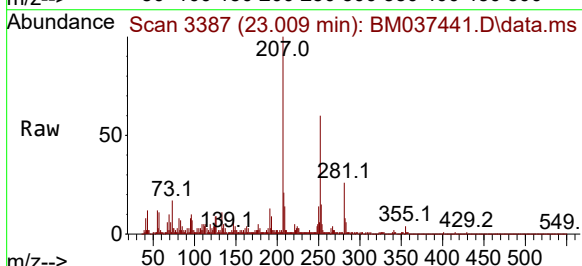
Tgt Ion:252 Resp: 492315

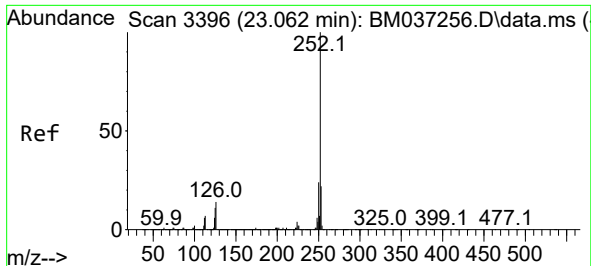
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

125 14.9 9.1 13.7#

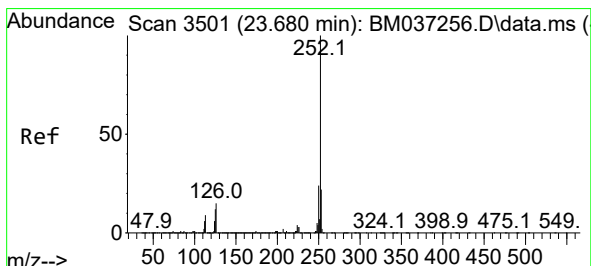
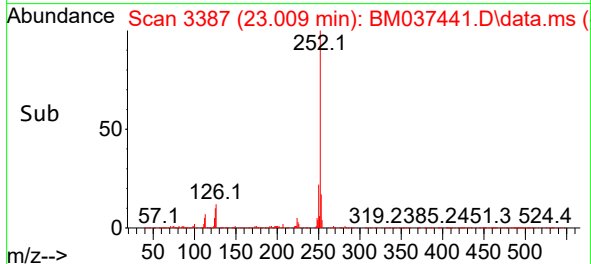
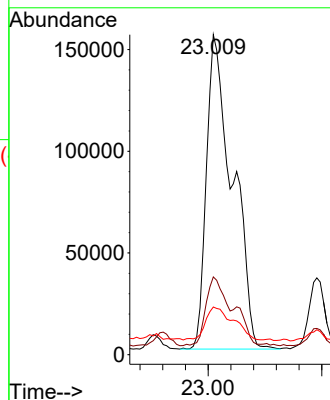
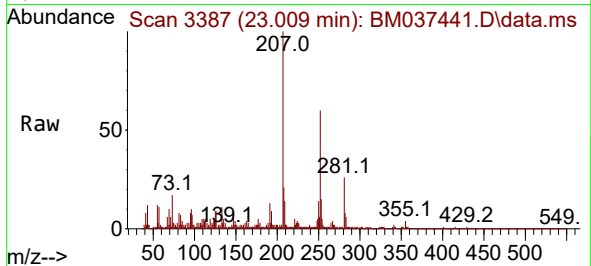




#89
Benzo(k)fluoranthene
Concen: 4.434 ng
RT: 23.009 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

Tgt Ion:252 Resp: 492315
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 14.9 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 3.146 ng
RT: 23.615 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:252 Resp: 278960
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 15.8 9.9 14.9#

