

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037442.D
 Acq On : 09 Nov 2022 18:16
 Operator : CG/JU
 Sample : N5436-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-05

Quant Time: Nov 10 05:49:19 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)

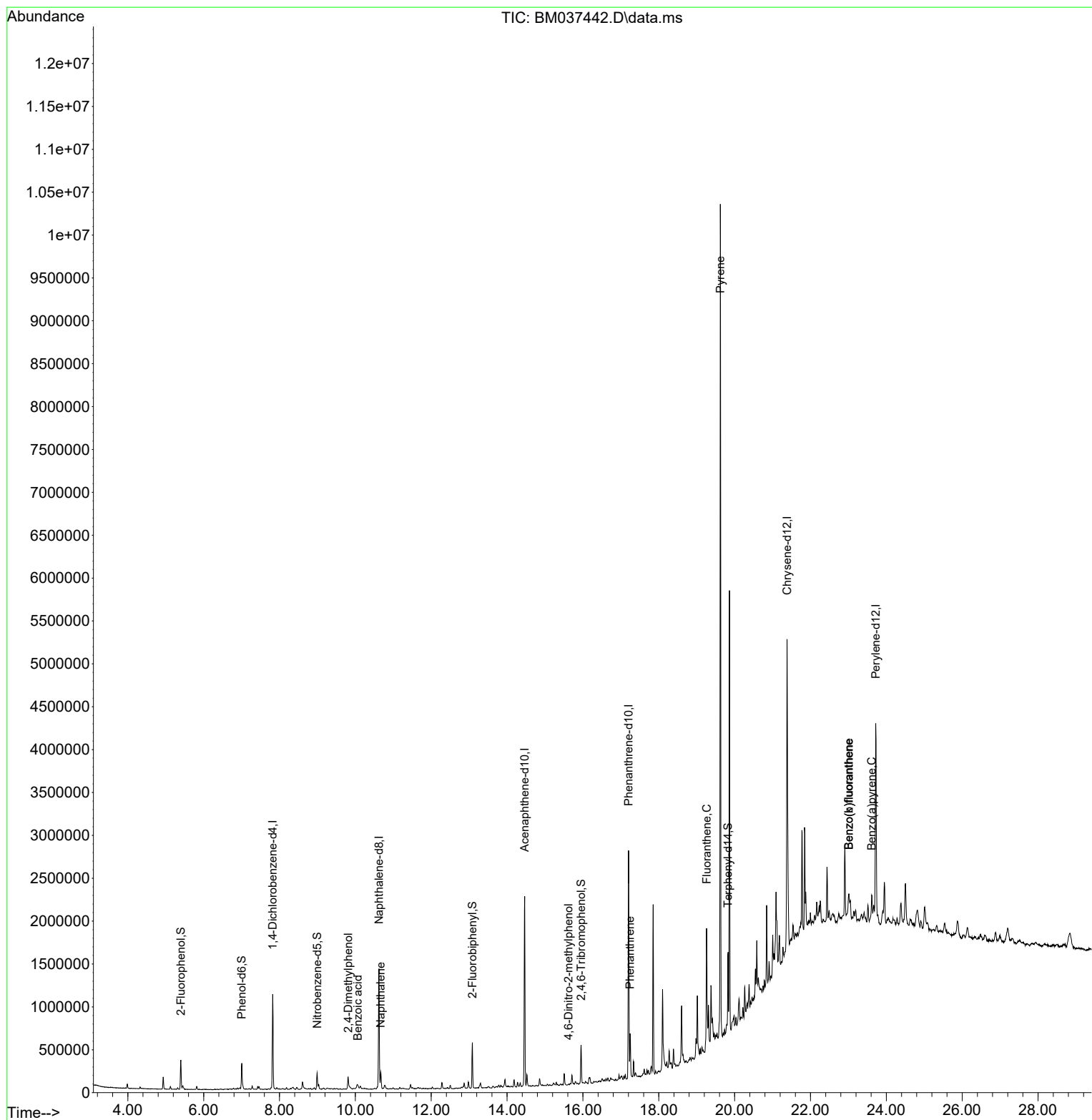
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	295000	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1153257	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	734170	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1546485	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1514829	20.000	ng	0.00
86) Perylene-d12	23.721	264	1587962	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	149314	8.744	ng	0.00
7) Phenol-d6	7.005	99	180774	7.800	ng	0.00
23) Nitrobenzene-d5	8.993	82	109001	4.769	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	83605	9.663	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	272928	4.939	ng	0.00
79) Terphenyl-d14	19.827	244	433502	5.132	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.810	122	57193	3.715	ng	100
31) Naphthalene	10.669	128	151049	2.312	ng	99
32) Benzoic acid	10.063	122	11216	7.662	ng	# 39
65) 4,6-Dinitro-2-methylph...	15.622	198	71	5.020	ng	# 1
71) Phenanthrene	17.245	178	303062	3.159	ng	99
75) Fluoranthene	19.263	202	512093	5.049	ng	99
78) Pyrene	19.621	202	816284	7.008	ng	# 91
88) Benzo(b)fluoranthene	23.009	252	364242	3.304	ng	# 89
89) Benzo(k)fluoranthene	23.009	252	364242	3.239	ng	# 89
90) Benzo(a)pyrene	23.615	252	193767	2.157	ng	# 88

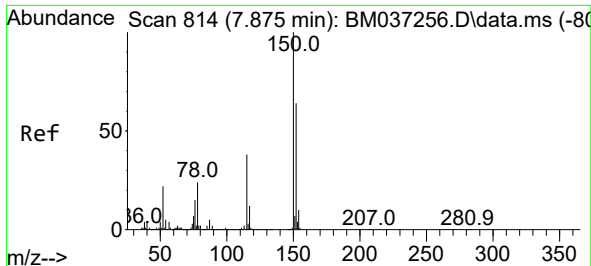
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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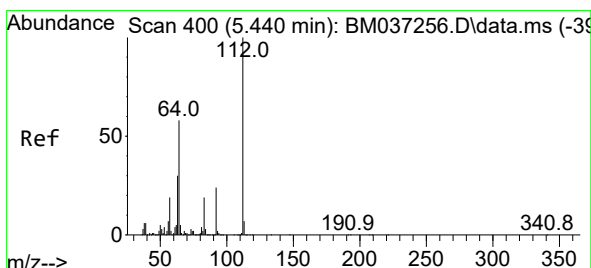
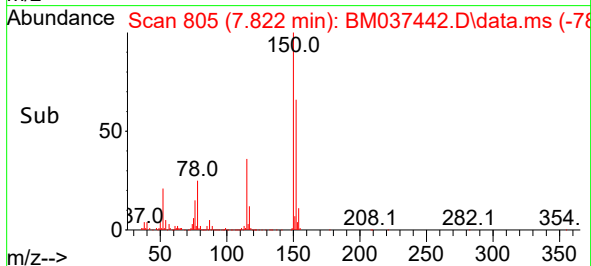
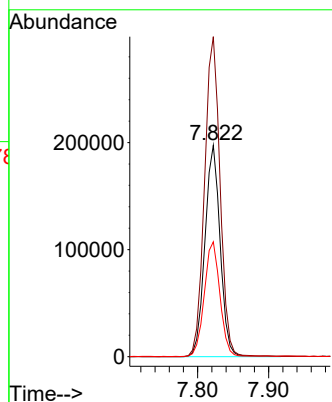
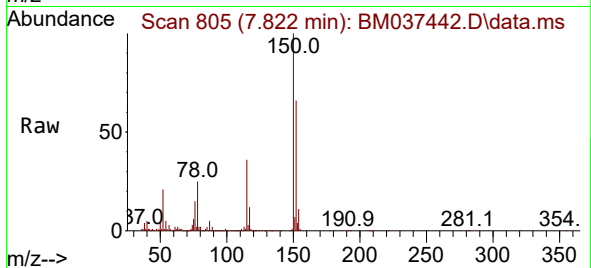




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

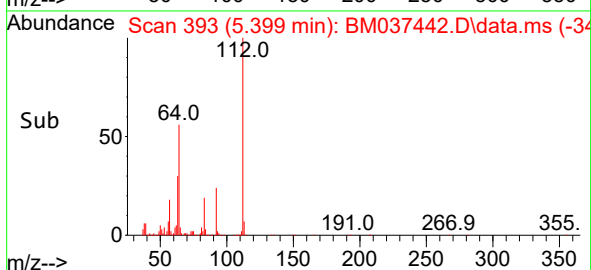
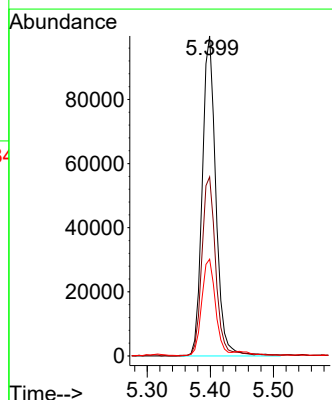
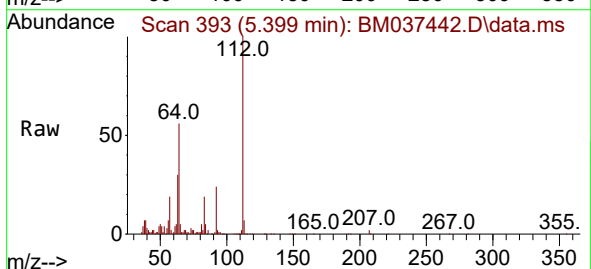
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

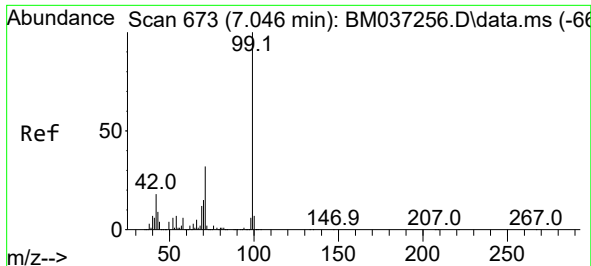
Tgt Ion:152 Resp: 295000
Ion Ratio Lower Upper
152 100
150 151.4 124.8 187.2
115 54.3 47.0 70.4



#5
2-Fluorophenol
Concen: 8.744 ng
RT: 5.399 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:112 Resp: 149314
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 30.2 24.4 36.6

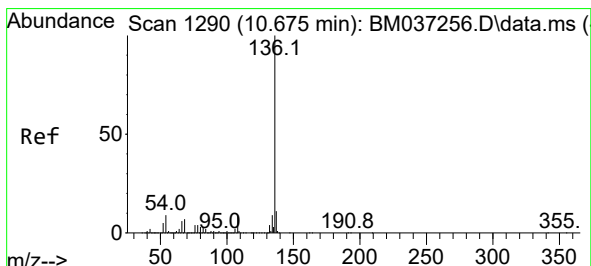
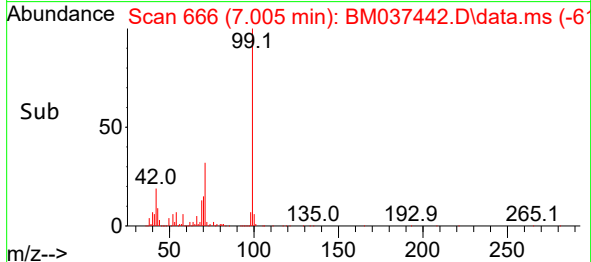
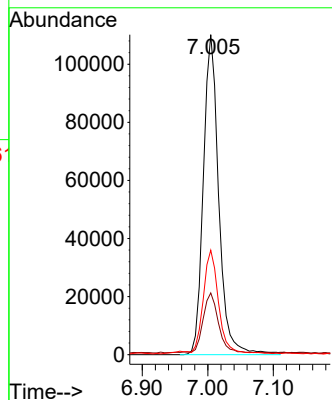
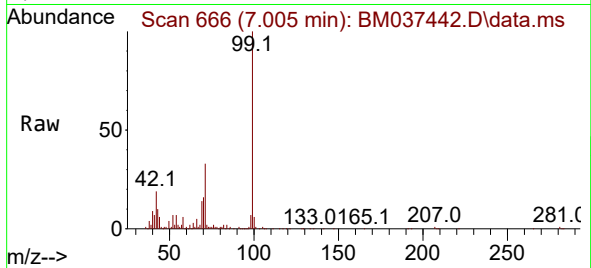




#7
Phenol-d6
Concen: 7.800 ng
RT: 7.005 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

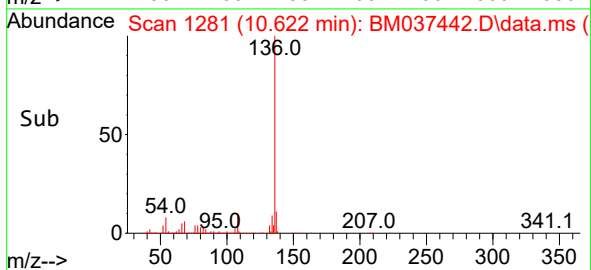
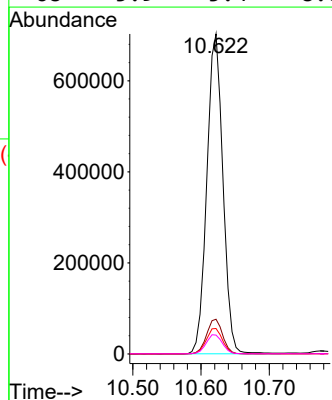
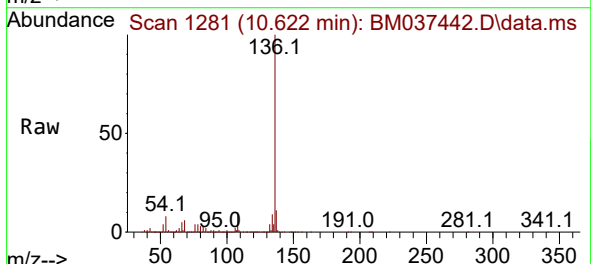
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

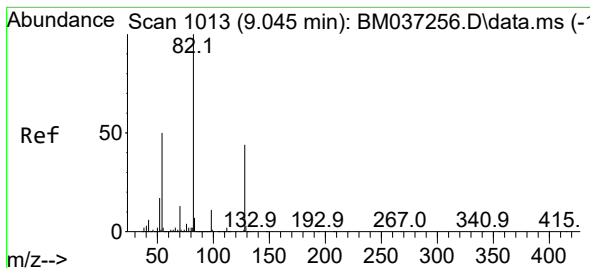
Tgt Ion: 99 Resp: 180774
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 32.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion: 136 Resp: 1153257
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.9 7.0 10.4
68 5.9 5.4 8.0

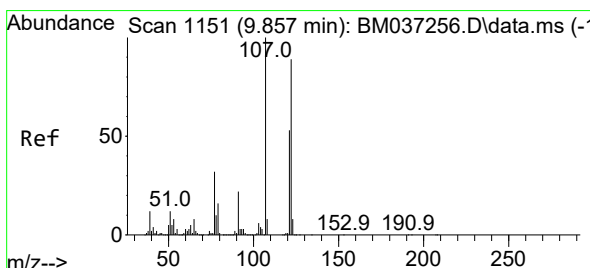
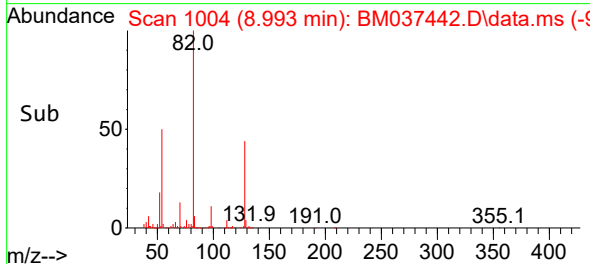
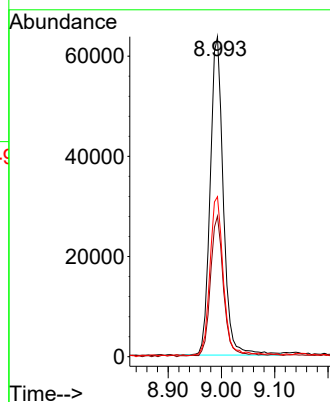
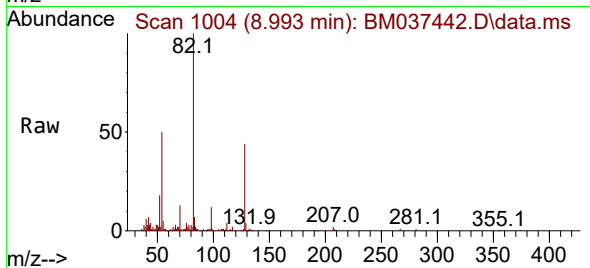




#23
Nitrobenzene-d5
Concen: 4.769 ng
RT: 8.993 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

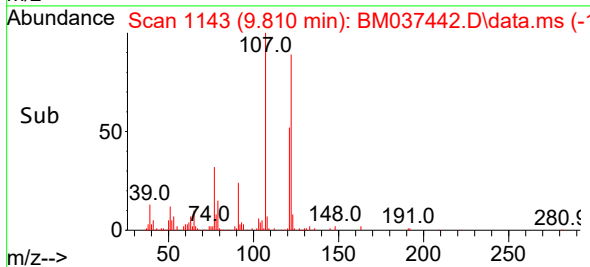
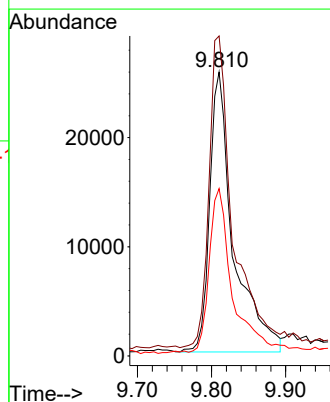
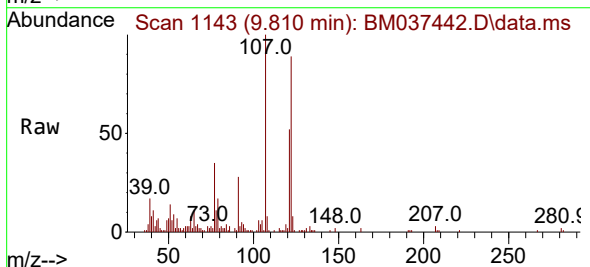
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

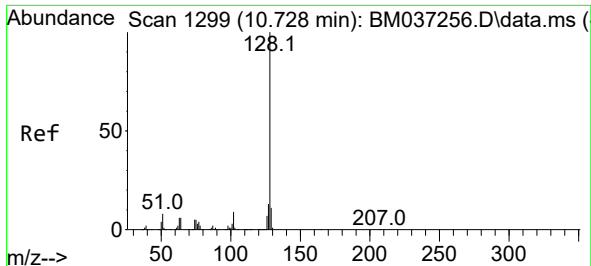
Tgt Ion: 82 Resp: 109001
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.0 40.4 60.6



#27
2,4-Dimethylphenol
Concen: 3.715 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion: 122 Resp: 57193
Ion Ratio Lower Upper
122 100
107 112.7 89.7 134.5
121 59.0 47.1 70.7

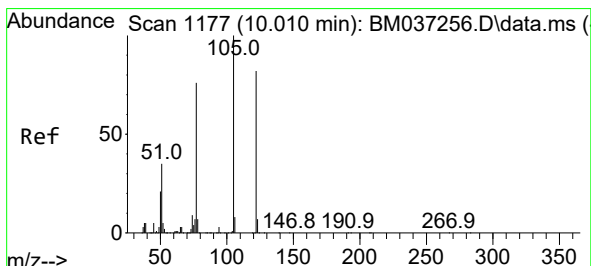
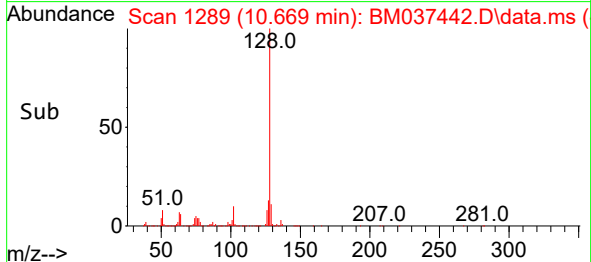
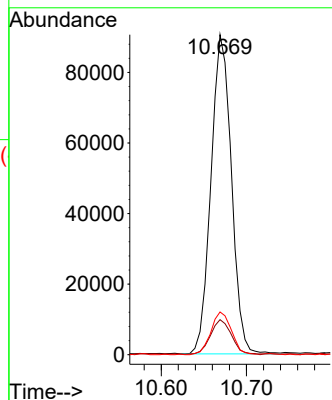
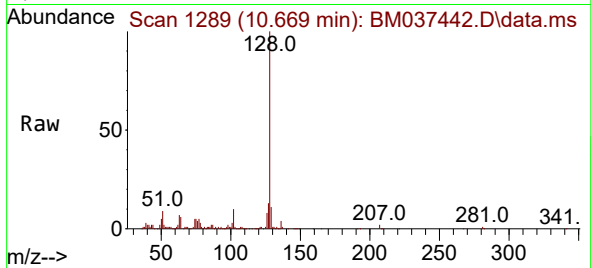




#31
Naphthalene
Concen: 2.312 ng
RT: 10.669 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

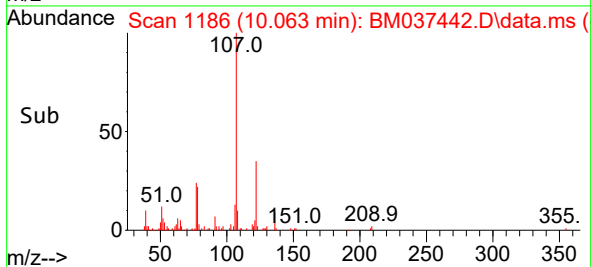
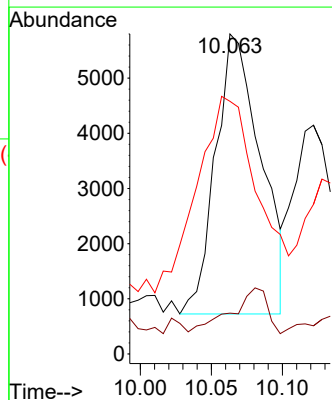
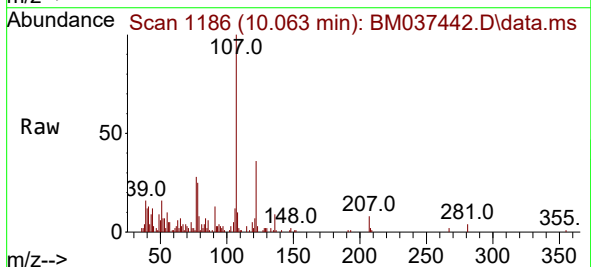
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

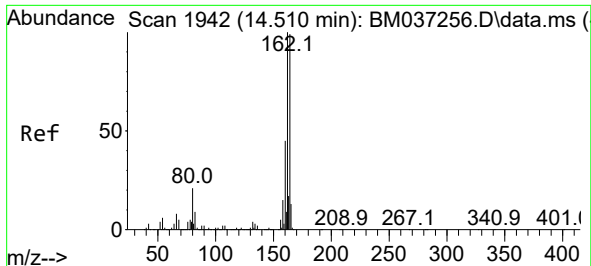
Tgt Ion:128 Resp: 151049
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.2 15.2



#32
Benzoic acid
Concen: 7.662 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.088 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:122 Resp: 11216
Ion Ratio Lower Upper
122 100
105 12.8 100.1 140.1#
77 78.9 71.7 111.7

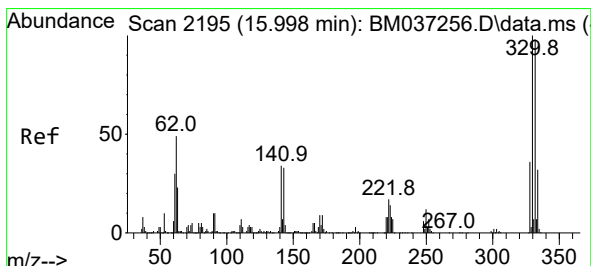
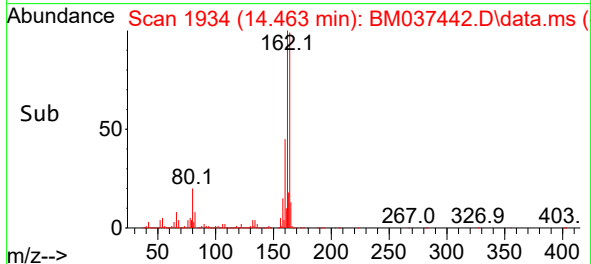
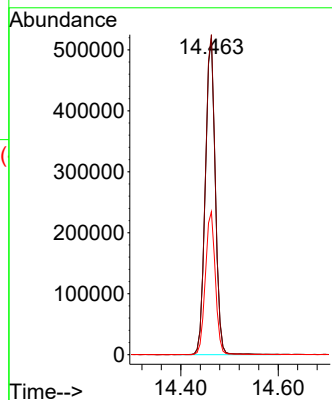
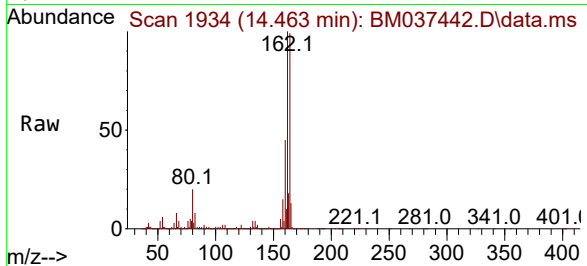




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

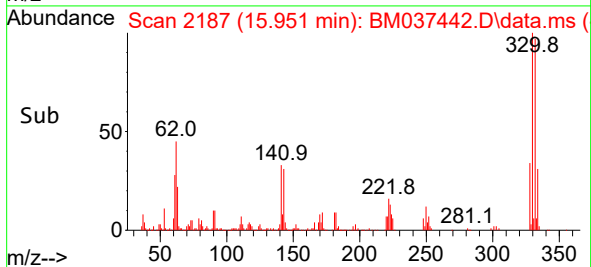
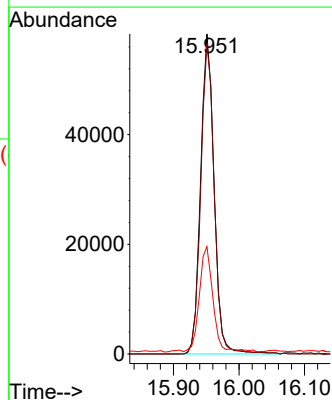
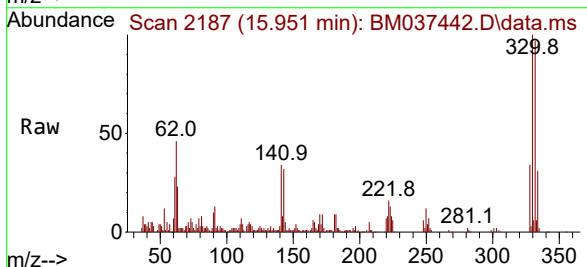
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

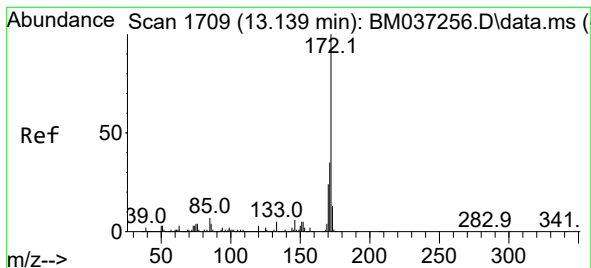
Tgt Ion:164 Resp: 734170
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 9.663 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:330 Resp: 83605
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 34.0 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 4.939 ng

RT: 13.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-05

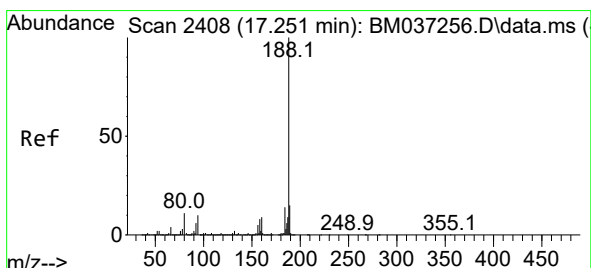
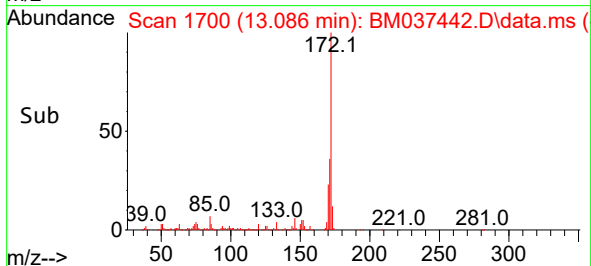
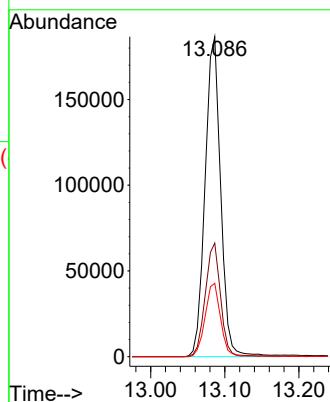
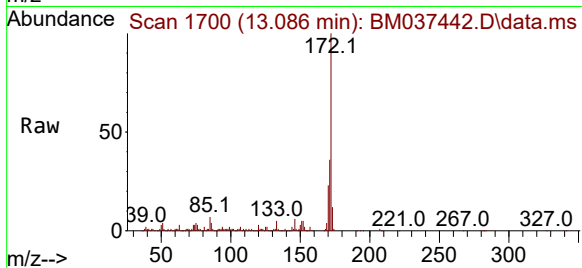
Tgt Ion:172 Resp: 272928

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.0 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: BM037442.D

Acq: 09 Nov 2022 18:16

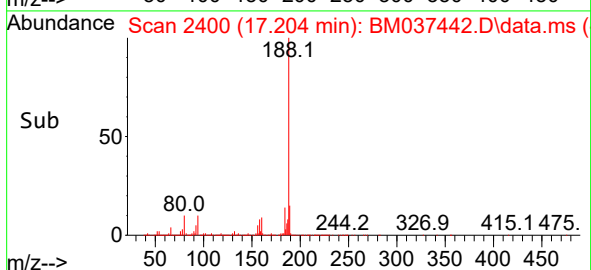
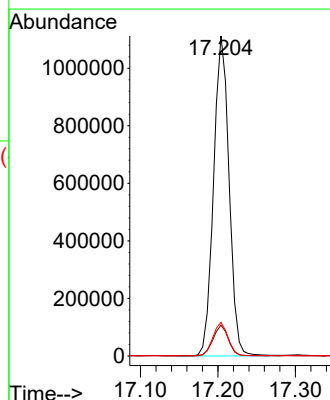
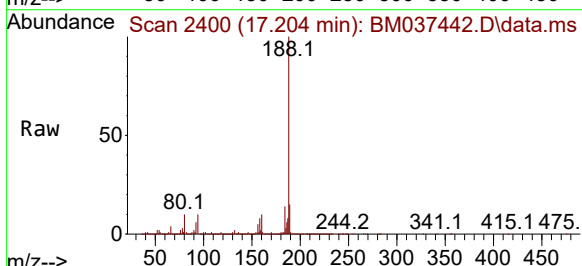
Tgt Ion:188 Resp: 1546485

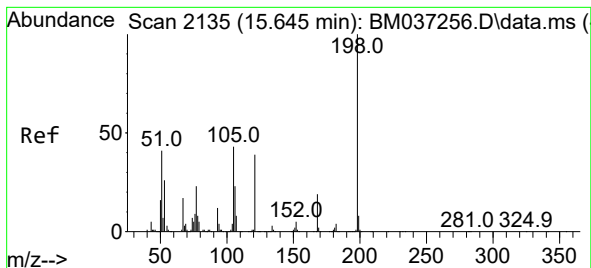
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.5 8.5 12.7

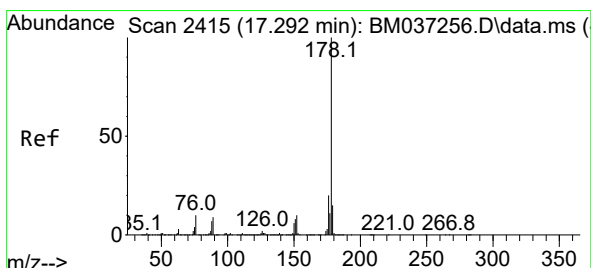
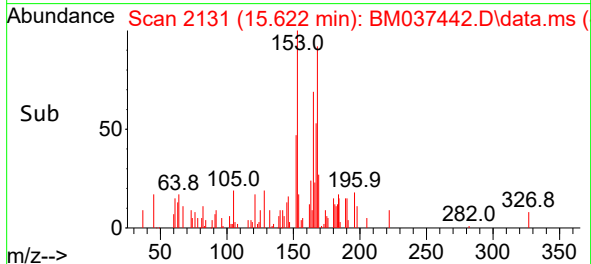
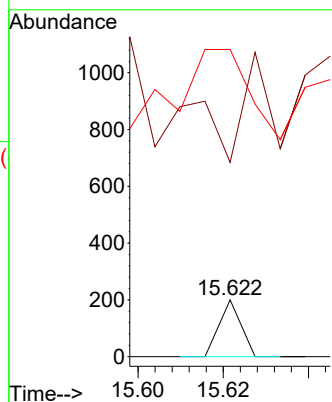
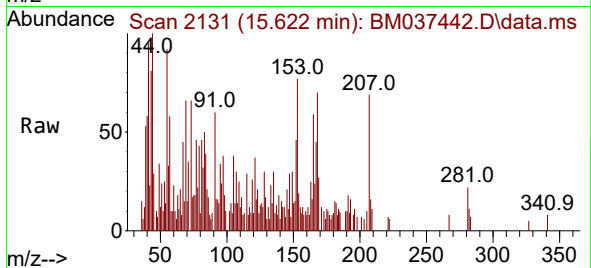




#65
4,6-Dinitro-2-methylphenol
Concen: 5.020 ng
RT: 15.622 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

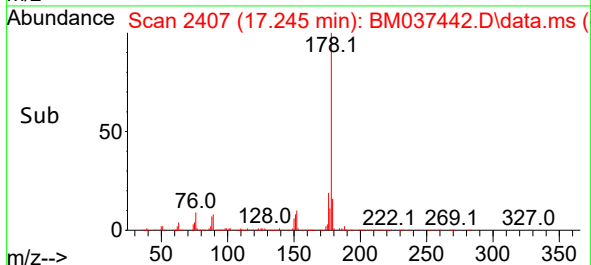
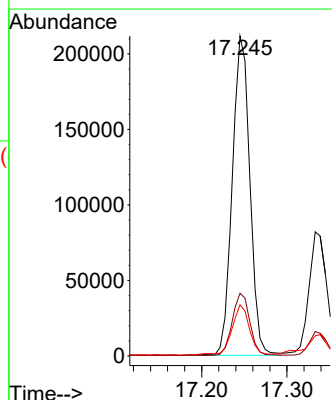
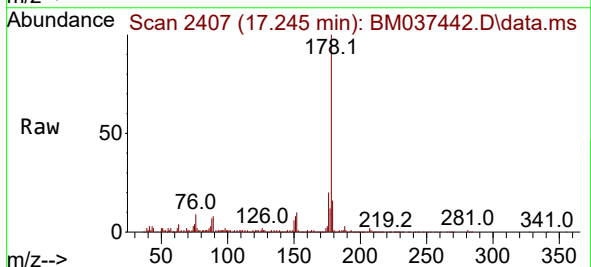
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

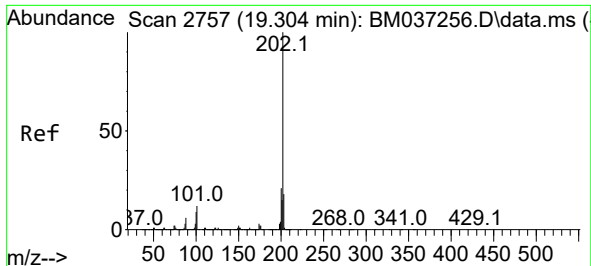
Tgt Ion:198 Resp: 71
Ion Ratio Lower Upper
198 100
51 342.0 26.8 66.8#
105 541.0 24.1 64.1#



#71
Phenanthrene
Concen: 3.159 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:178 Resp: 303062
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.0 12.4 18.6

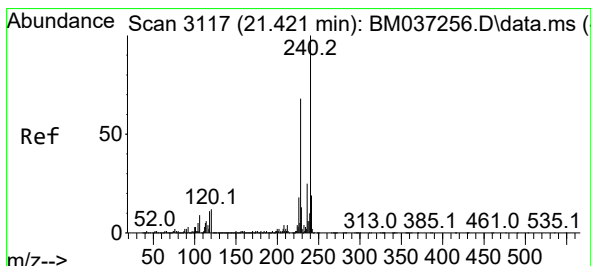
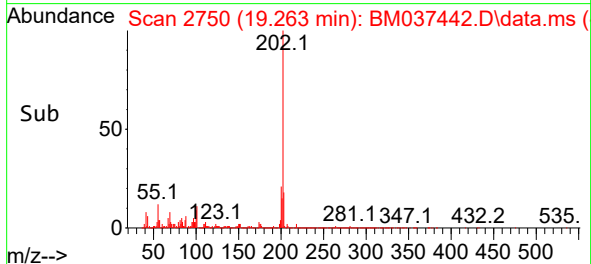
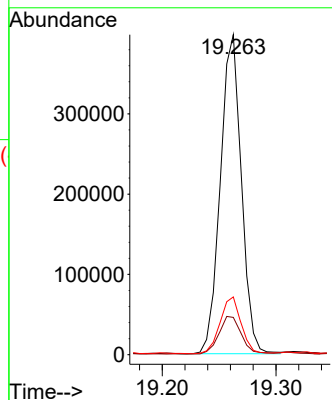
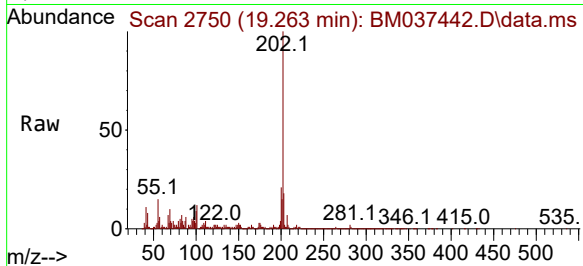




#75
Fluoranthene
Concen: 5.049 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

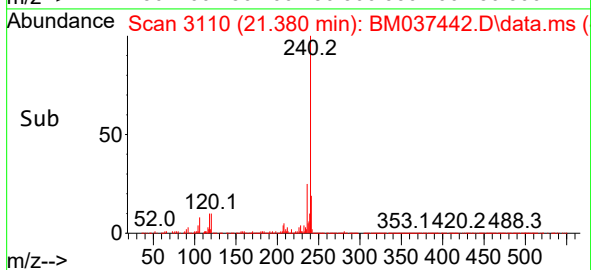
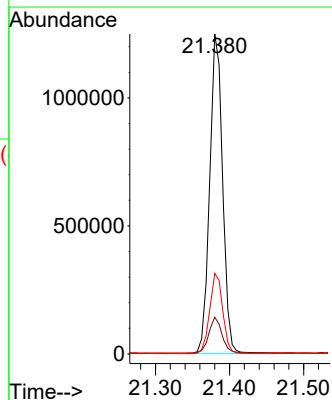
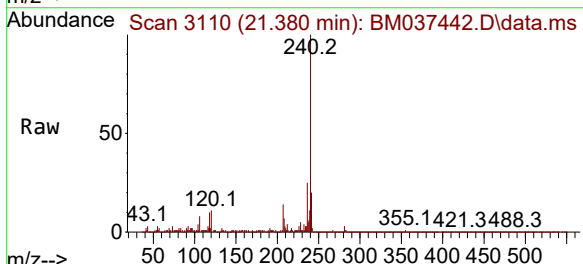
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

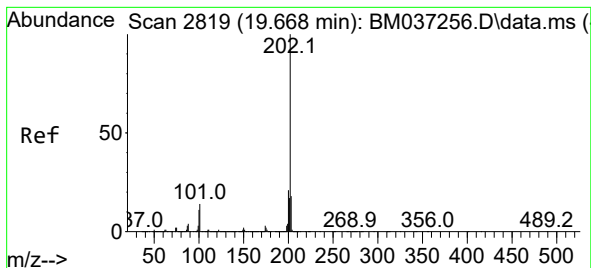
Tgt Ion:202 Resp: 512093
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:240 Resp: 1514829
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.2 20.3 30.5





#78

Pyrene

Concen: 7.008 ng

RT: 19.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-05

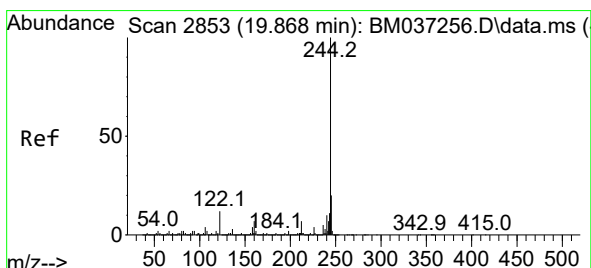
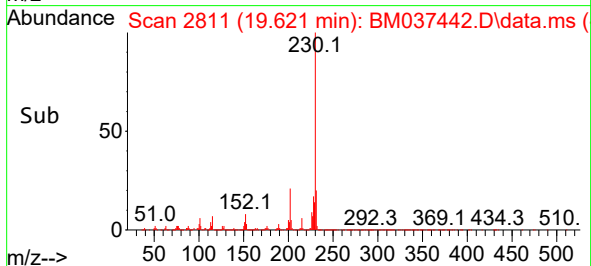
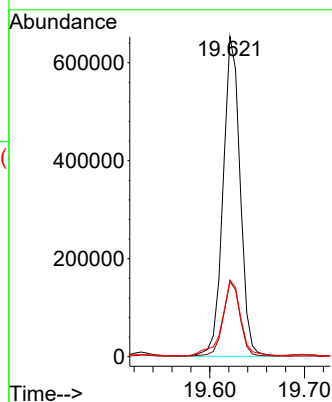
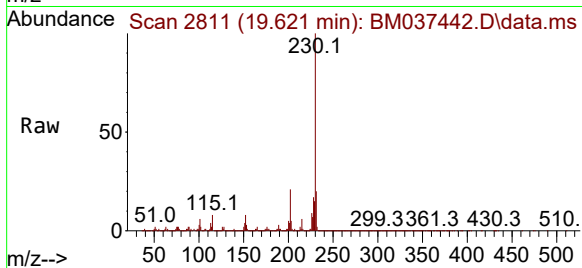
Tgt Ion:202 Resp: 816284

Ion Ratio Lower Upper

202 100

200 23.4 17.0 25.6

203 24.0 14.1 21.1#



#79

Terphenyl-d14

Concen: 5.132 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

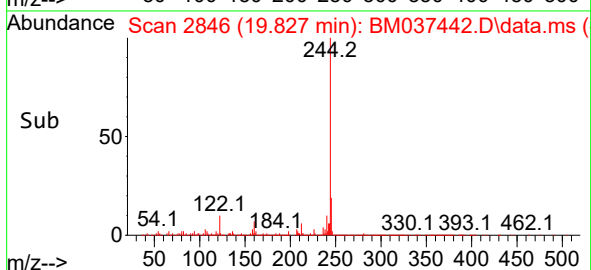
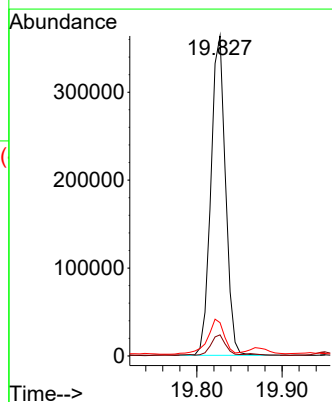
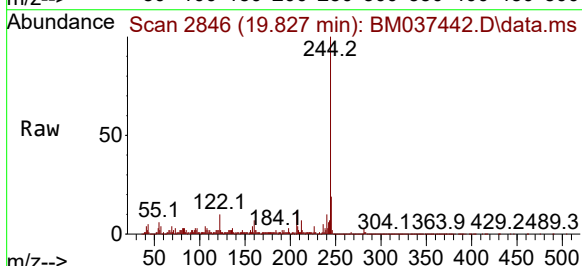
Tgt Ion:244 Resp: 433502

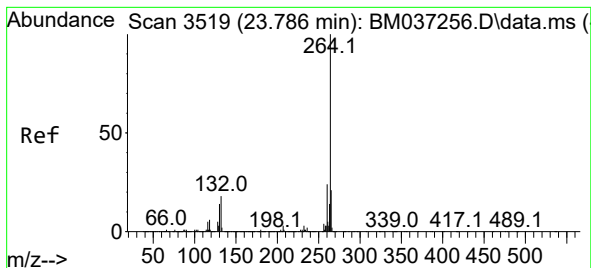
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.4 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-05

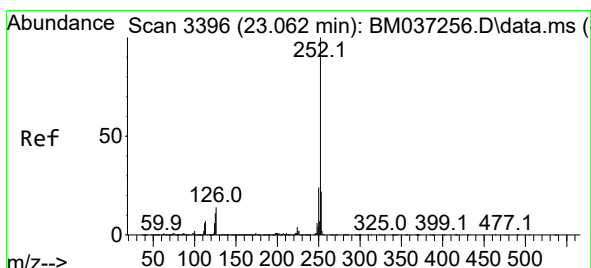
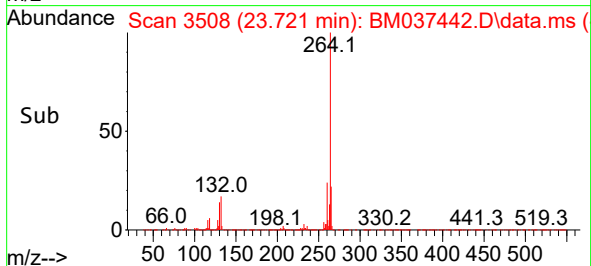
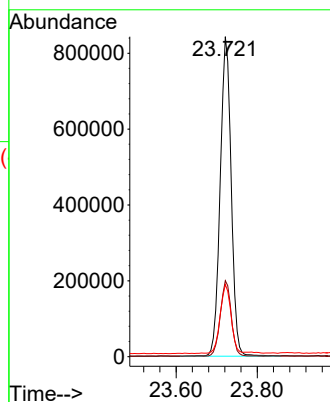
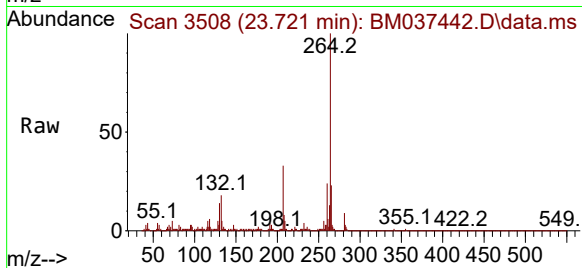
Tgt Ion:264 Resp: 1587962

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.5 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 3.304 ng

RT: 23.009 min Scan# 3387

Delta R.T. 0.006 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

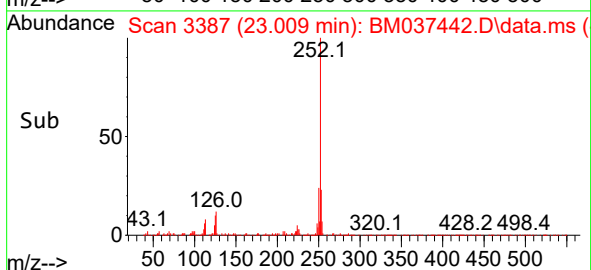
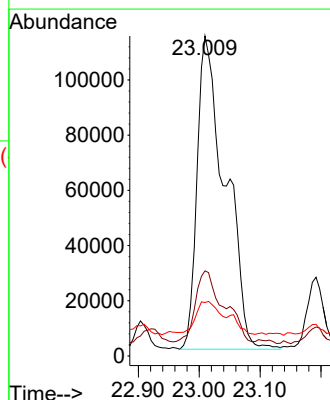
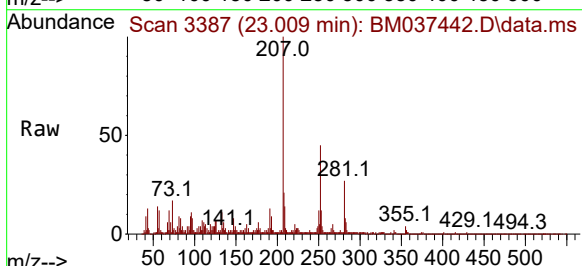
Tgt Ion:252 Resp: 364242

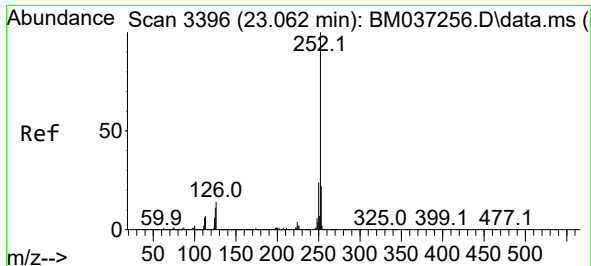
Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.6

125 16.7 9.1 13.7#

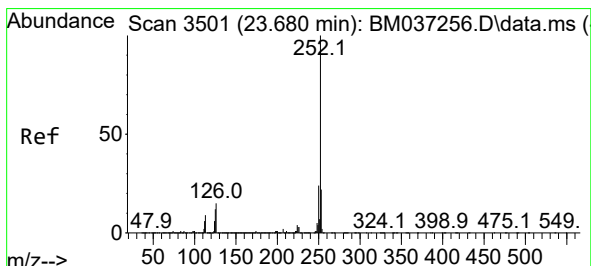
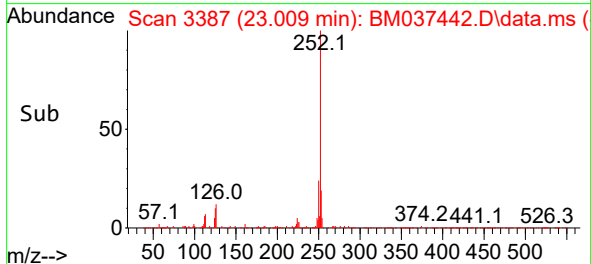
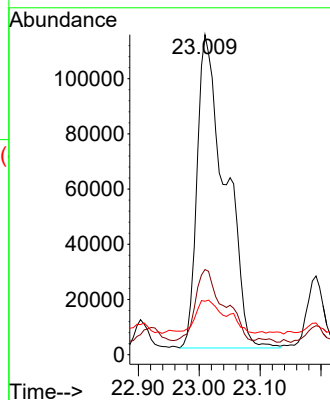
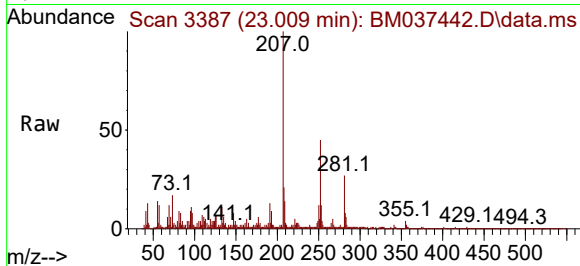




#89
Benzo(k)fluoranthene
Concen: 3.239 ng
RT: 23.009 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

Tgt Ion:252 Resp: 364242
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.6
125 16.7 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 2.157 ng
RT: 23.615 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:252 Resp: 193767
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 19.9 9.9 14.9#

