

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111022\
 Data File : BM037451.D
 Acq On : 10 Nov 2022 14:57
 Operator : CG/JU
 Sample : N5436-03DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-03DL

Quant Time: Nov 10 15:56:38 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)

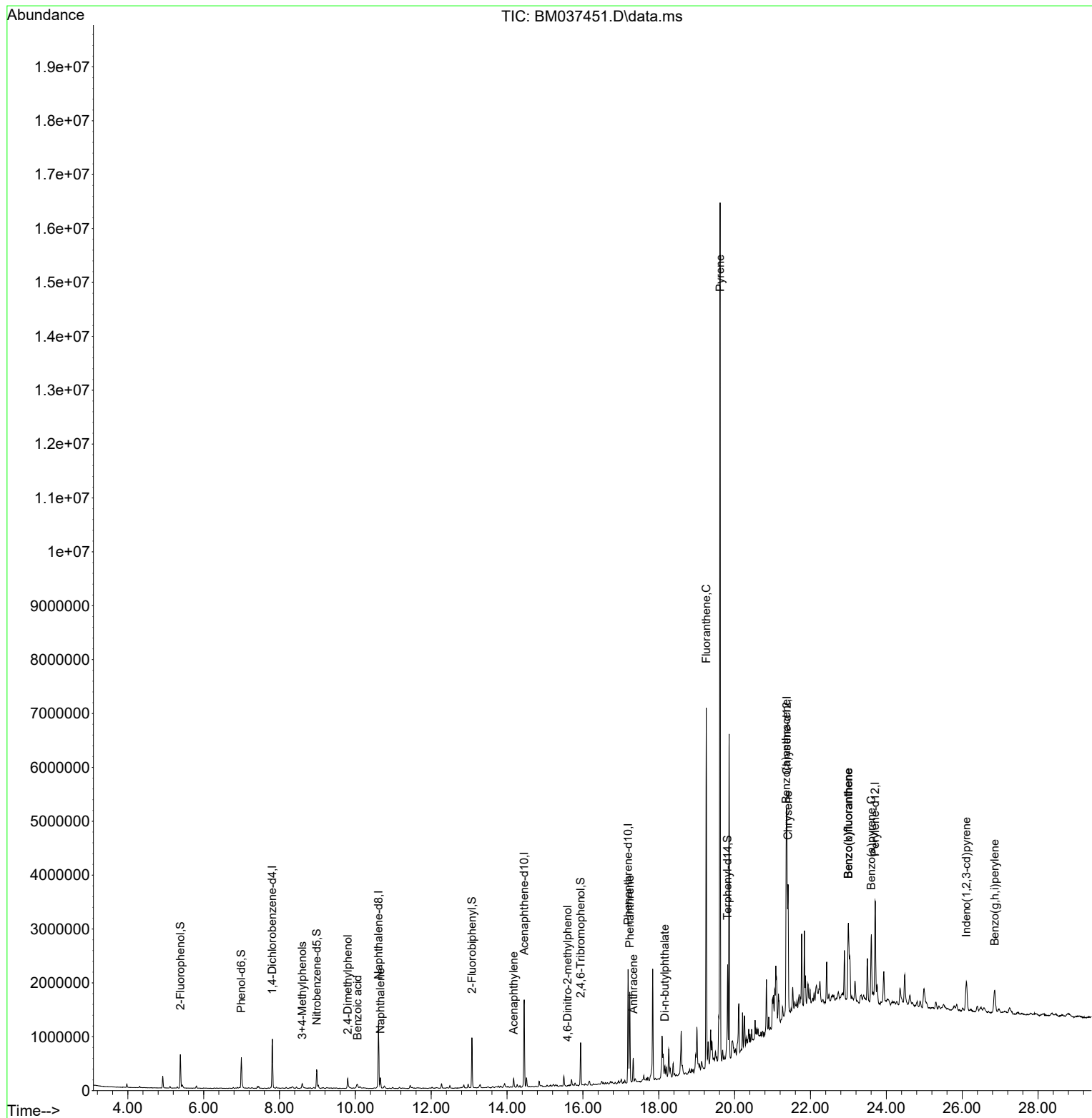
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	244439	20.000	ng	-0.01
21) Naphthalene-d8	10.610	136	952372	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	546314	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1169257	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1252458	20.000	ng	0.00
86) Perylene-d12	23.703	264	1338787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	274335	19.389	ng	0.00
7) Phenol-d6	6.992	99	327088	17.033	ng	-0.01
23) Nitrobenzene-d5	8.981	82	199276	10.557	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	136198	21.155	ng	-0.02
45) 2-Fluorobiphenyl	13.074	172	458928	11.162	ng	-0.02
79) Terphenyl-d14	19.815	244	764399	10.945	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.598	107	50770	2.629	ng	96
27) 2,4-Dimethylphenol	9.798	122	67612	5.318	ng	95
31) Naphthalene	10.663	128	155371	2.880	ng	99
32) Benzoic acid	10.057	122	16420	8.190	ng	# 33
49) Acenaphthylene	14.174	152	120607	2.215	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	68	5.021	ng	# 1
71) Phenanthrene	17.233	178	912556	12.580	ng	100
72) Anthracene	17.327	178	268767	3.914	ng	99
74) Di-n-butylphthalate	18.162	149	190504	2.739	ng	99
75) Fluoranthene	19.251	202	3482821	45.419	ng	99
78) Pyrene	19.615	202	3514330	36.490	ng	98
81) Benzo(a)anthracene	21.356	228	1404144	15.747	ng	99
83) Chrysene	21.409	228	1286329	14.974	ng	98
87) Indeno(1,2,3-cd)pyrene	26.109	276	550040	5.018	ng	95
88) Benzo(b)fluoranthene	22.997	252	1269444	13.658	ng	98
89) Benzo(k)fluoranthene	22.997	252	1269444	13.390	ng	98
90) Benzo(a)pyrene	23.603	252	910711	12.026	ng	99
92) Benzo(g,h,i)perylene	26.856	276	521779	5.889	ng	99

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

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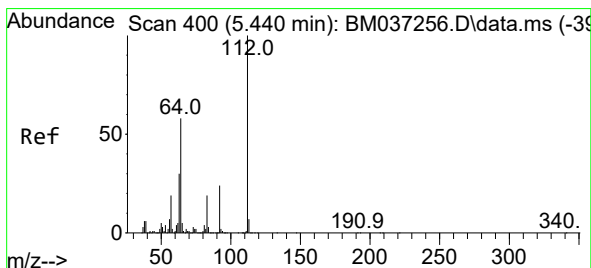
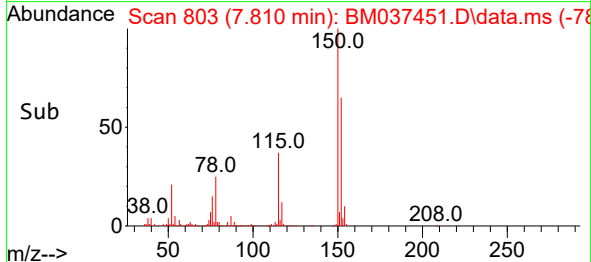
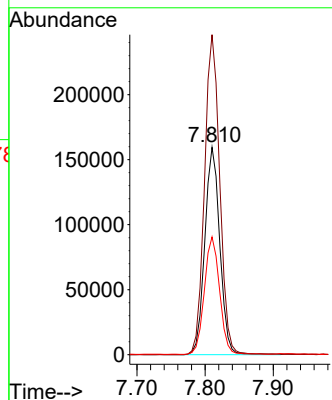
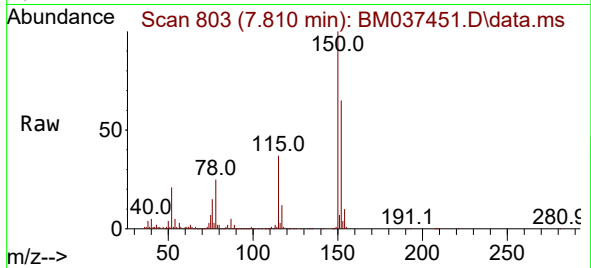




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

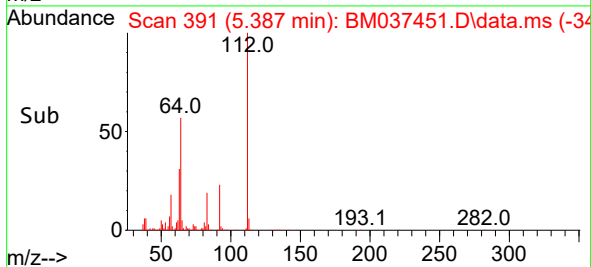
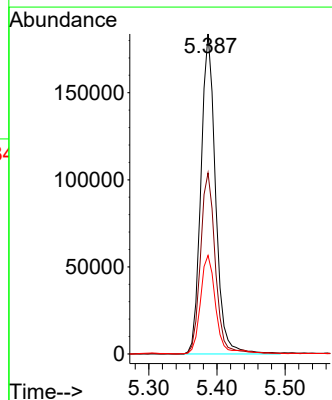
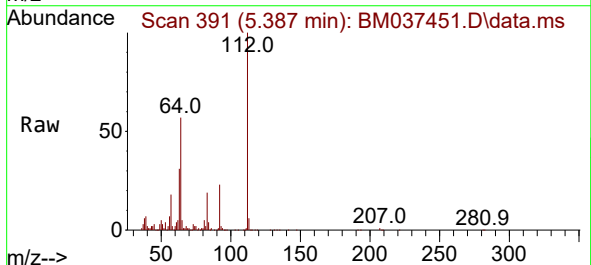
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

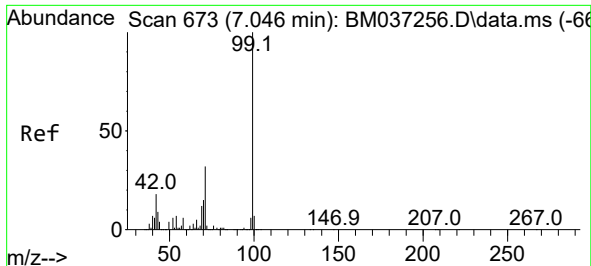
Tgt Ion:152 Resp: 244439
Ion Ratio Lower Upper
152 100
150 154.3 124.8 187.2
115 56.8 47.0 70.4



#5
2-Fluorophenol
Concen: 19.389 ng
RT: 5.387 min Scan# 391
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:112 Resp: 274335
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 30.8 24.4 36.6

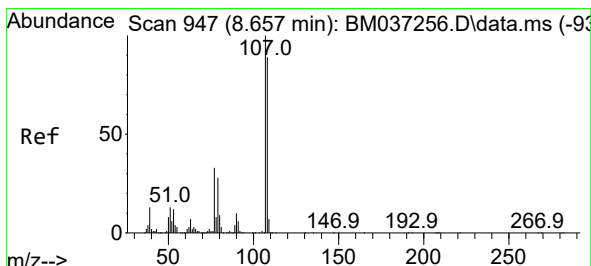
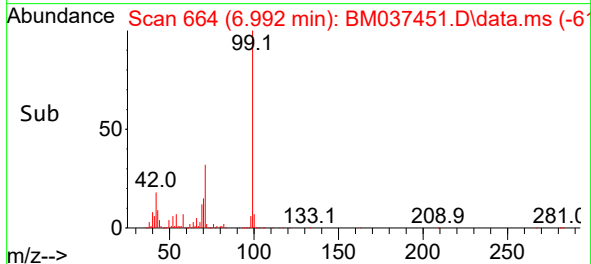
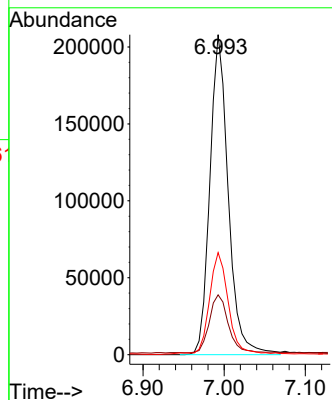
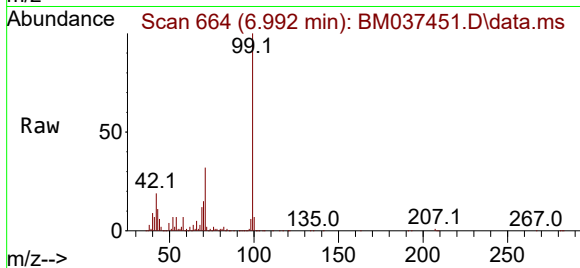




#7
Phenol-d6
Concen: 17.033 ng
RT: 6.992 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

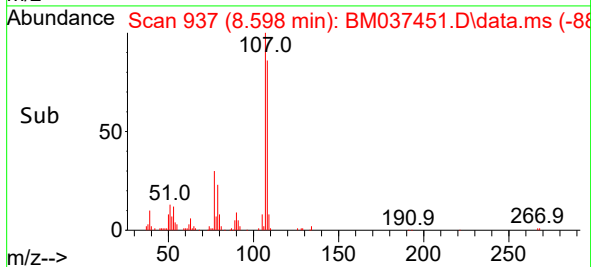
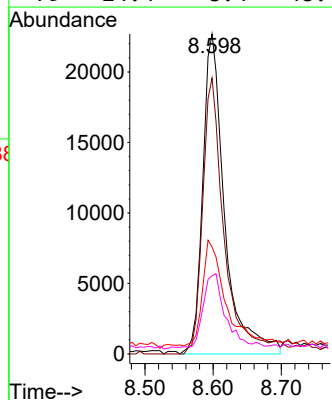
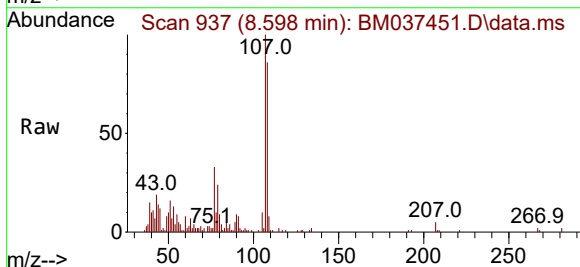
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

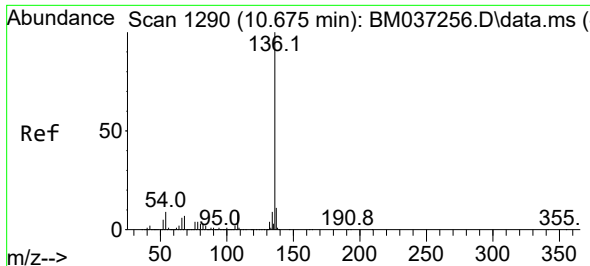
Tgt Ion: 99 Resp: 327088
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 31.9 25.6 38.4



#20
3+4-Methylphenols
Concen: 2.629 ng
RT: 8.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion: 107 Resp: 50770
Ion Ratio Lower Upper
107 100
108 86.2 69.4 109.4
77 33.4 12.8 52.8
79 24.4 8.4 48.4

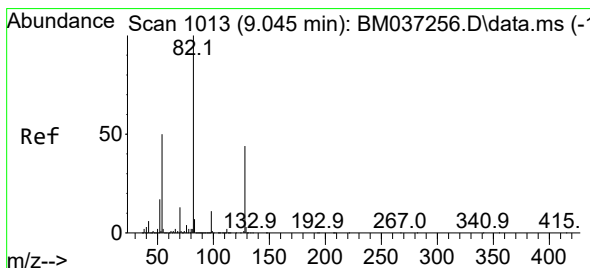
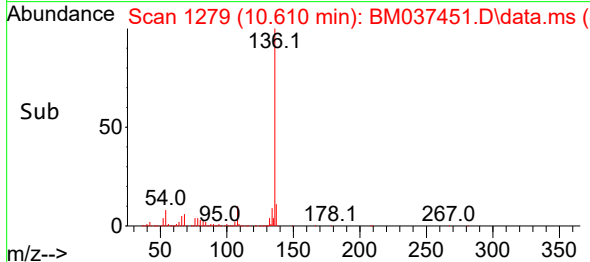
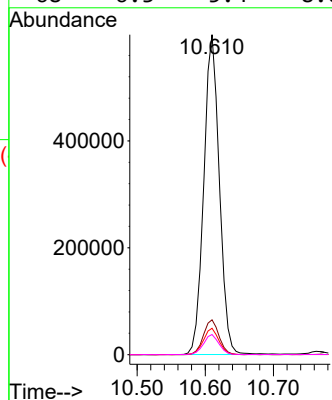
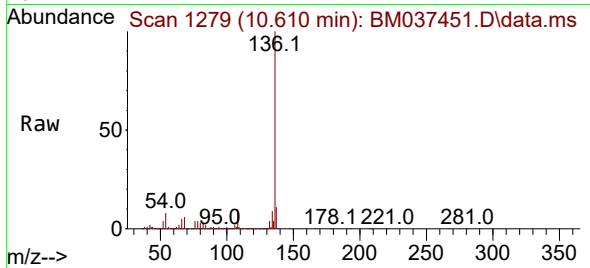




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

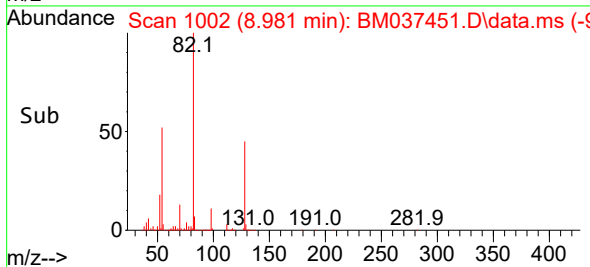
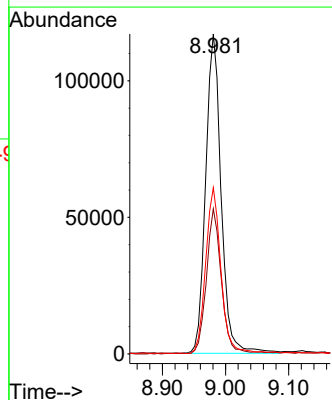
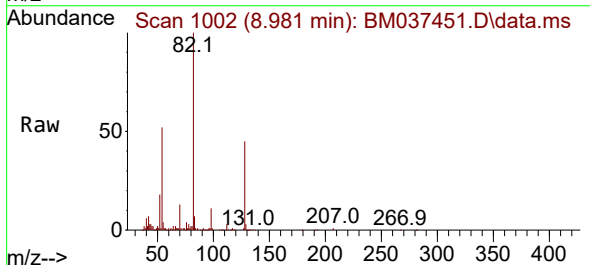
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

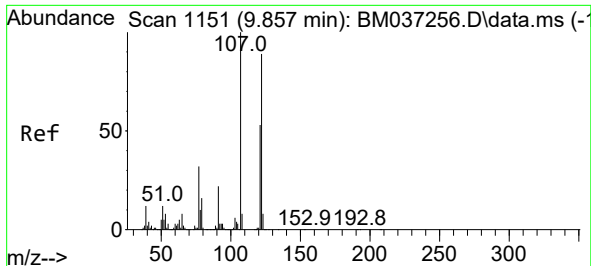
Tgt Ion:136 Resp: 952372
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 7.0 10.4
68 6.3 5.4 8.0



#23
Nitrobenzene-d5
Concen: 10.557 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.018 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion: 82 Resp: 199276
Ion Ratio Lower Upper
82 100
128 45.3 35.2 52.8
54 51.9 40.4 60.6

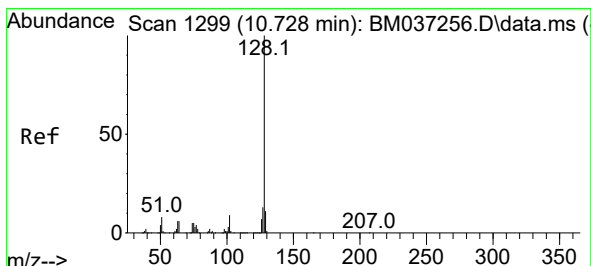
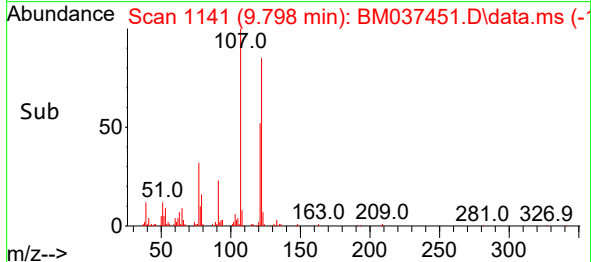
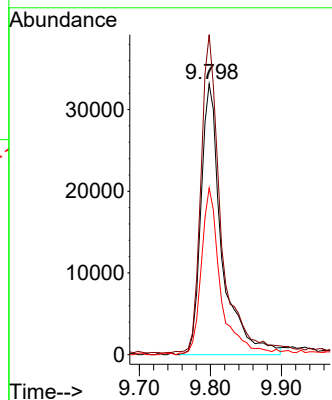
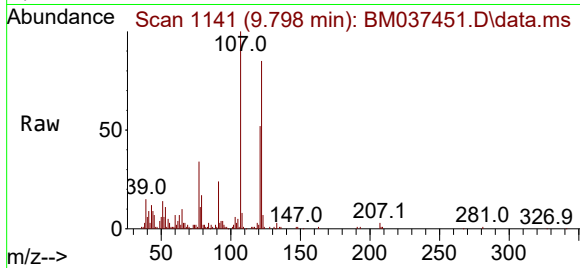




#27
2,4-Dimethylphenol
Concen: 5.318 ng
RT: 9.798 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

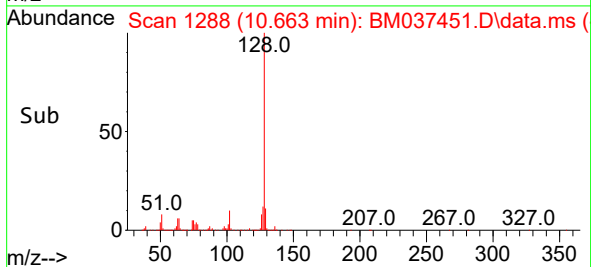
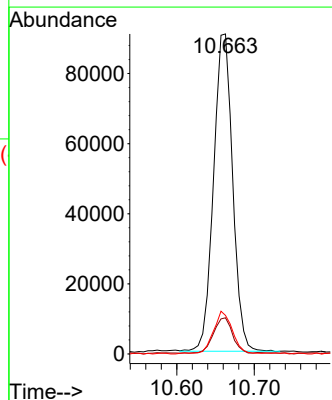
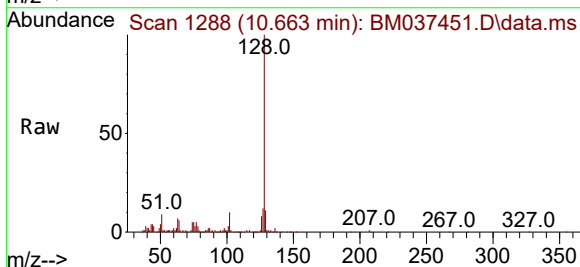
Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-03DL

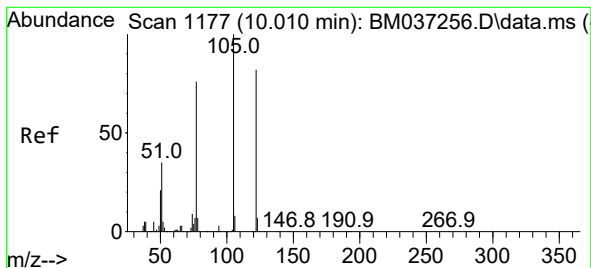
Tgt Ion:122 Resp: 67612
Ion Ratio Lower Upper
122 100
107 118.1 89.7 134.5
121 61.6 47.1 70.7



#31
Naphthalene
Concen: 2.880 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:128 Resp: 155371
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.1 10.2 15.2





#32

Benzoic acid

Concen: 8.190 ng

RT: 10.057 min Scan# 1177

Delta R.T. 0.082 min

Lab File: BM037451.D

Acq: 10 Nov 2022 14:57

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-03DL

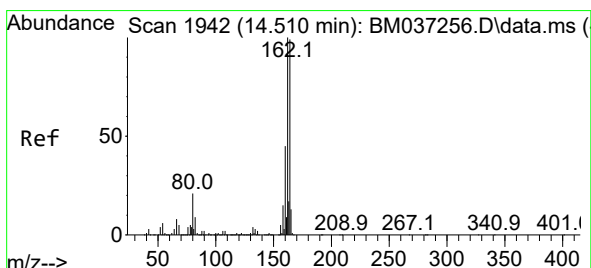
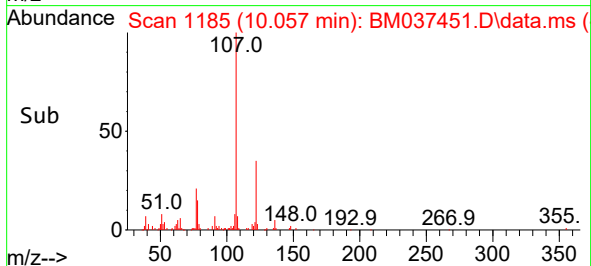
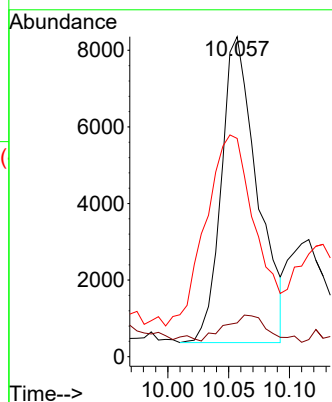
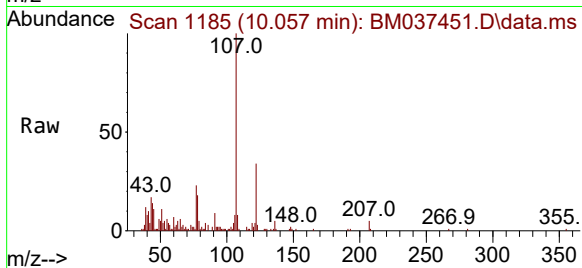
Tgt Ion:122 Resp: 16420

Ion Ratio Lower Upper

122 100

105 10.5 100.1 140.1#

77 68.2 71.7 111.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BM037451.D

Acq: 10 Nov 2022 14:57

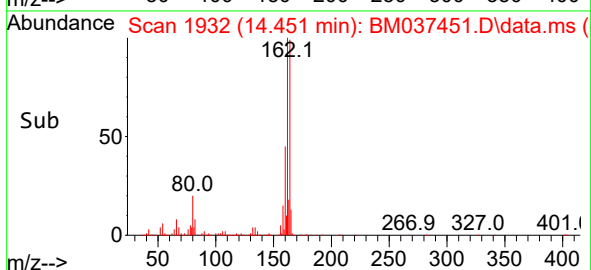
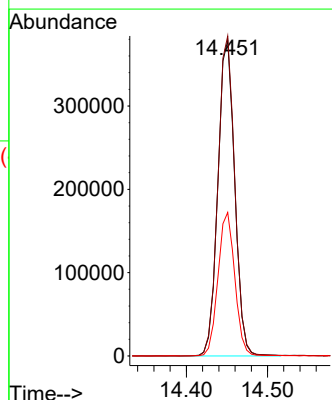
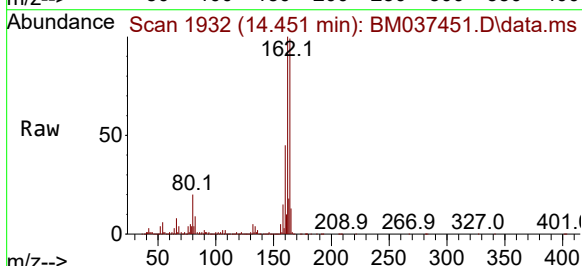
Tgt Ion:164 Resp: 546314

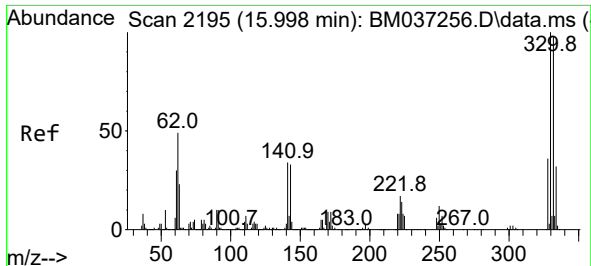
Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 45.5 36.2 54.4

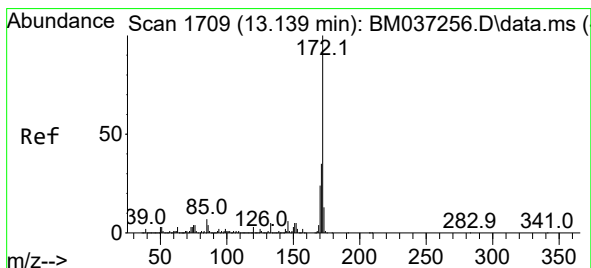
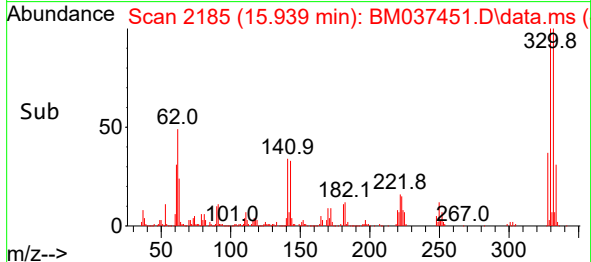
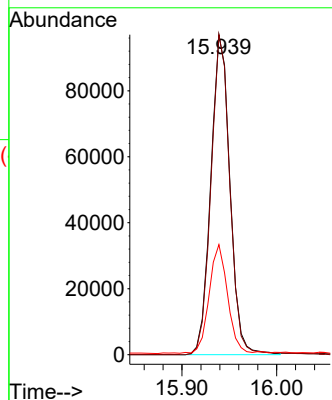
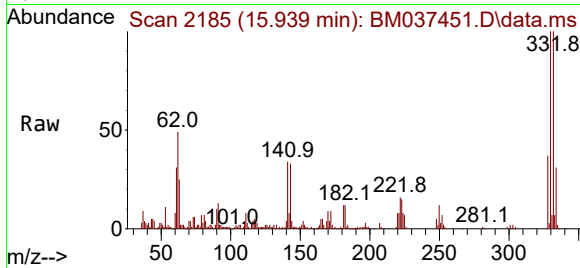




#42
2,4,6-Tribromophenol
Concen: 21.155 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

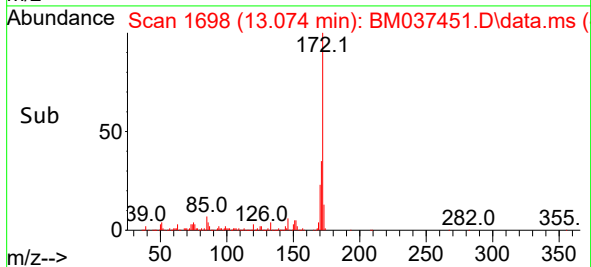
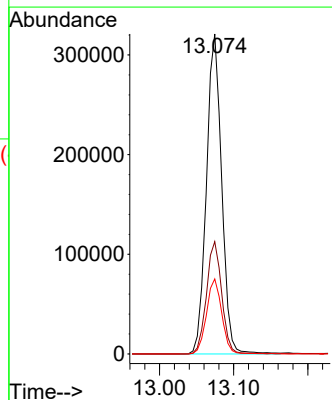
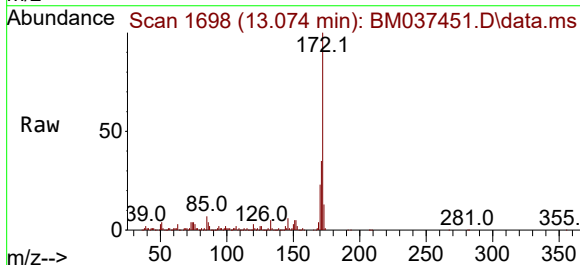
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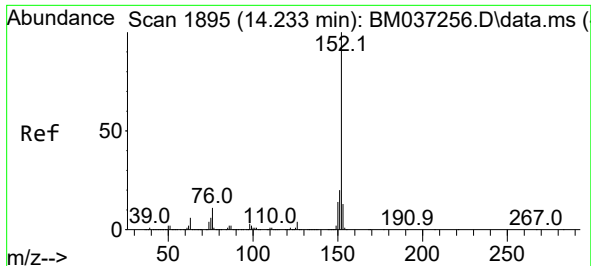
Tgt Ion:330 Resp: 136198
Ion Ratio Lower Upper
330 100
332 98.8 78.0 117.0
141 32.9 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 11.162 ng
RT: 13.074 min Scan# 1698
Delta R.T. -0.018 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:172 Resp: 458928
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.4 19.0 28.4

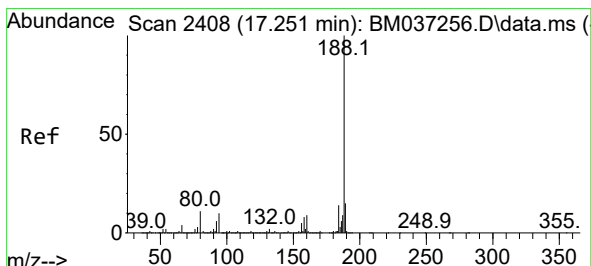
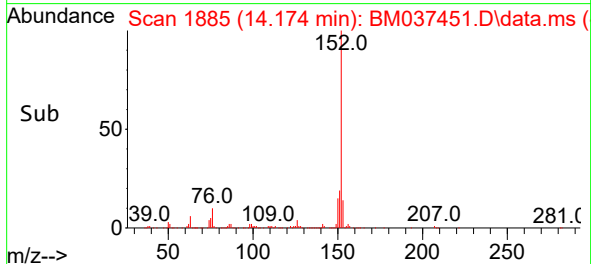
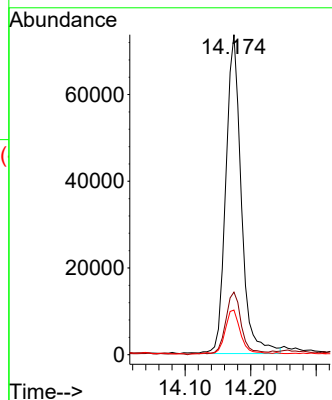
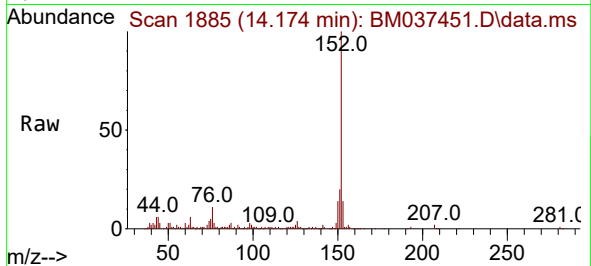




#49
Acenaphthylene
Concen: 2.215 ng
RT: 14.174 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

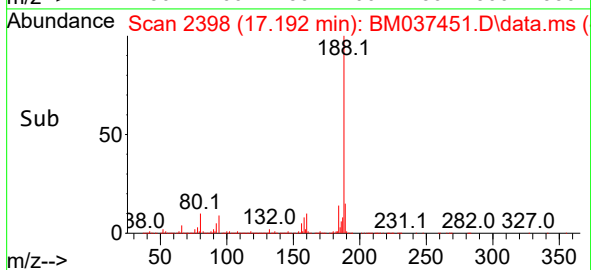
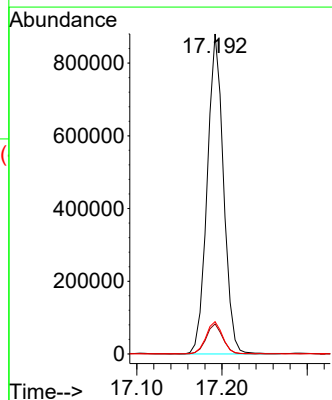
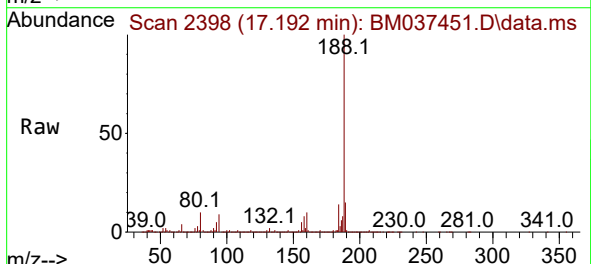
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

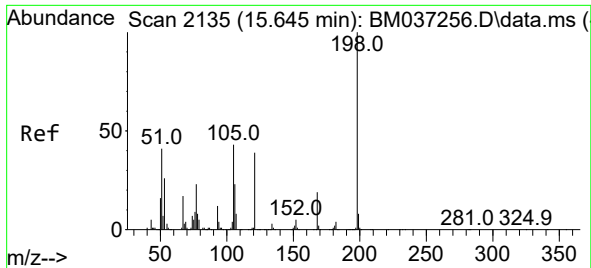
Tgt Ion:152 Resp: 120607
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 14.0 10.6 15.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:188 Resp: 1169257
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.1 8.5 12.7

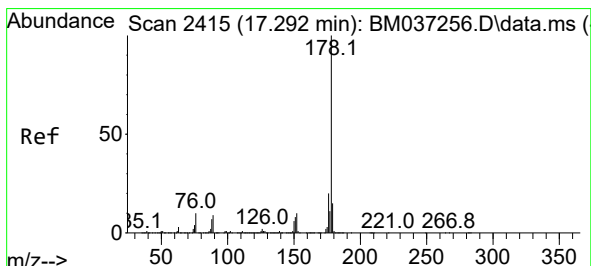
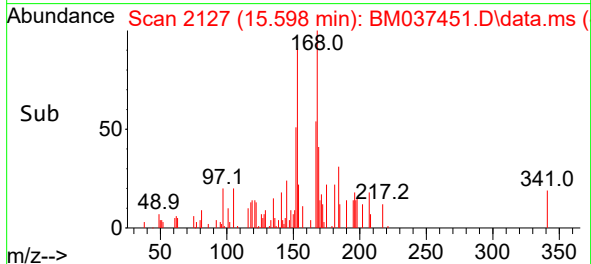
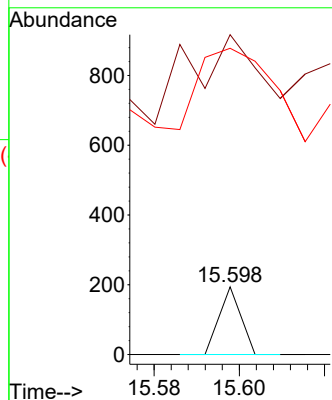
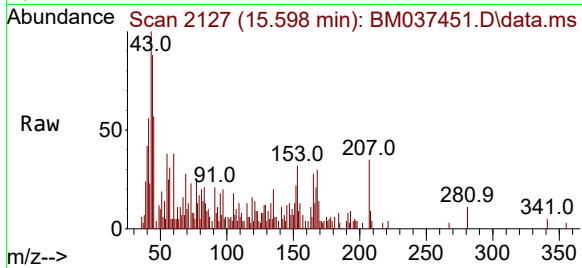




#65
4,6-Dinitro-2-methylphenol
Concen: 5.021 ng
RT: 15.598 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

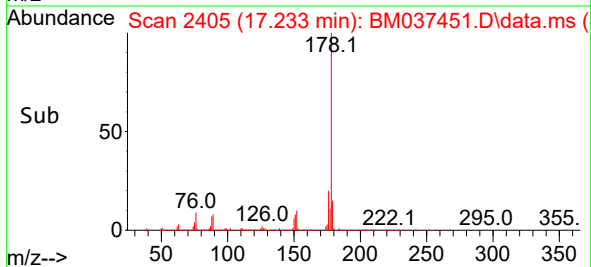
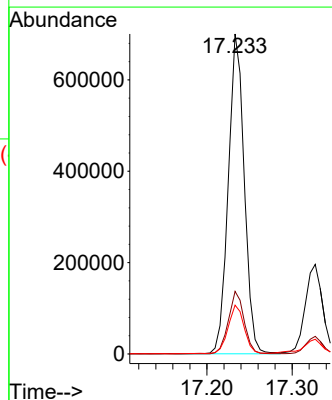
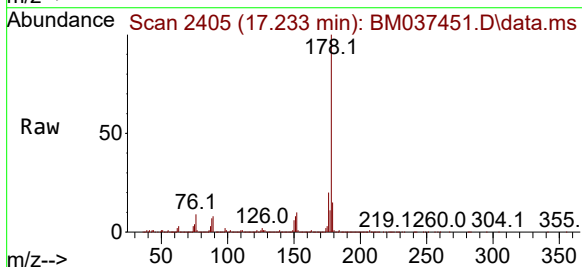
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

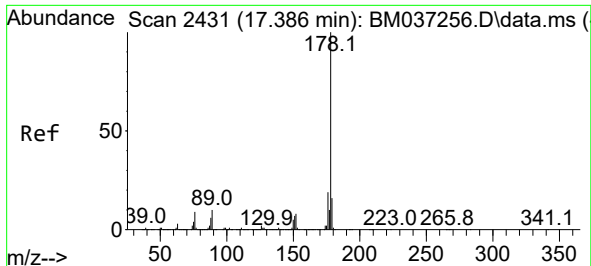
Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 472.7 26.8 66.8#
105 452.6 24.1 64.1#



#71
Phenanthrene
Concen: 12.580 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.018 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:178 Resp: 912556
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.4 18.6

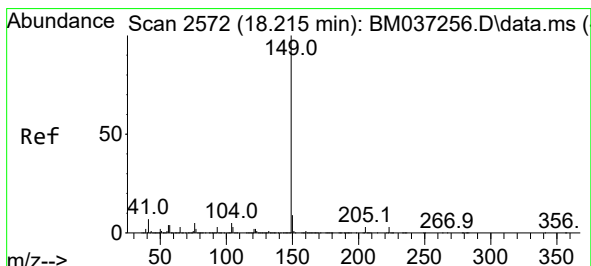
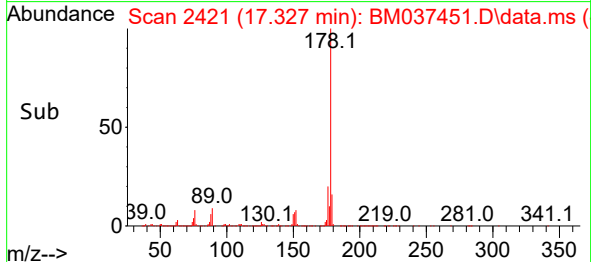
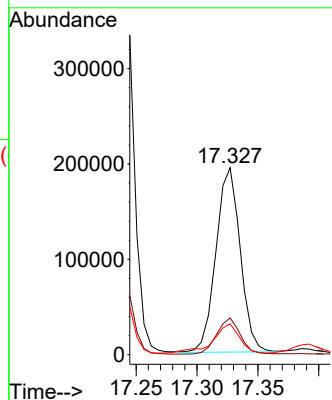
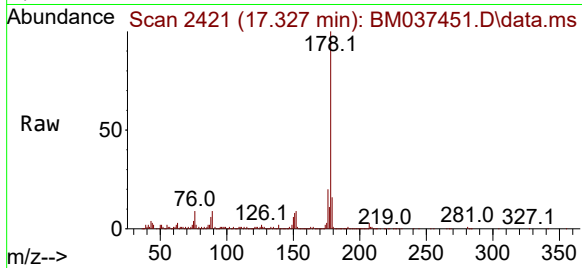




#72
 Anthracene
 Concen: 3.914 ng
 RT: 17.327 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM037451.D
 Acq: 10 Nov 2022 14:57

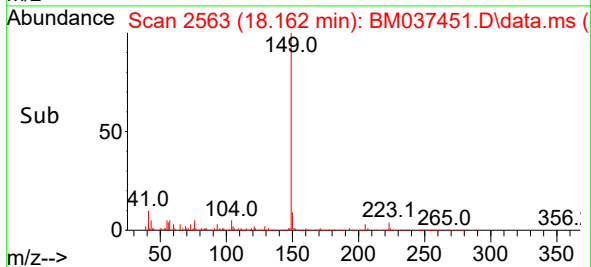
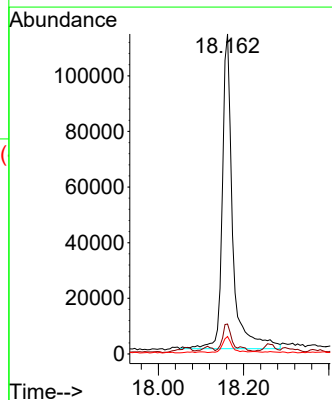
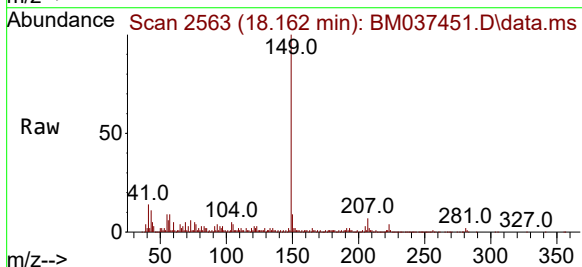
Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-03DL

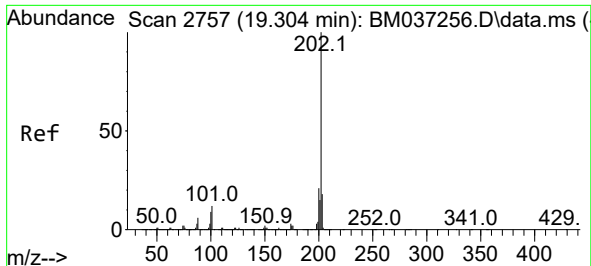
Tgt Ion:178 Resp: 268767
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 16.5 12.6 19.0



#74
 Di-n-butylphthalate
 Concen: 2.739 ng
 RT: 18.162 min Scan# 2563
 Delta R.T. -0.012 min
 Lab File: BM037451.D
 Acq: 10 Nov 2022 14:57

Tgt Ion:149 Resp: 190504
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.4 4.0 6.0

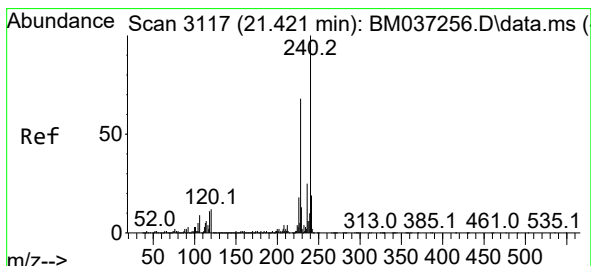
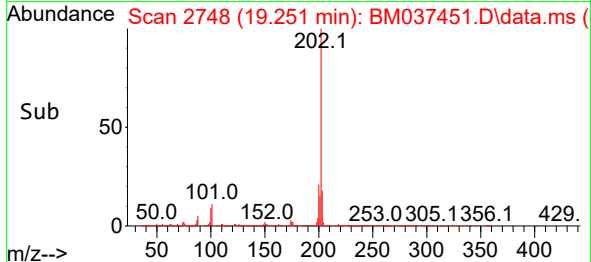
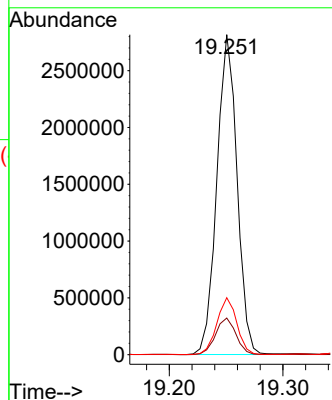
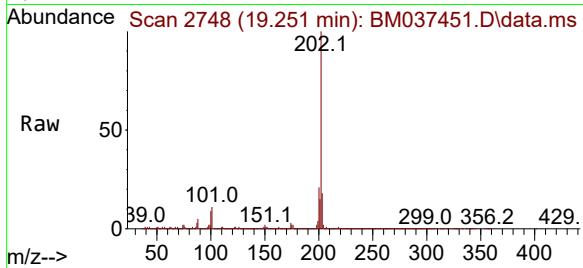




#75
Fluoranthene
Concen: 45.419 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

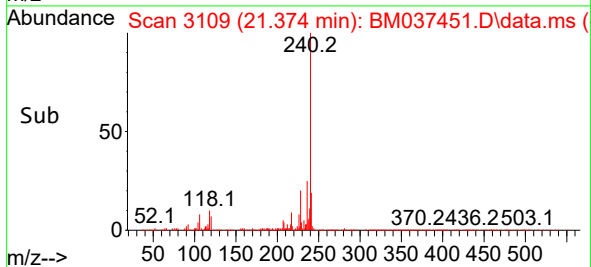
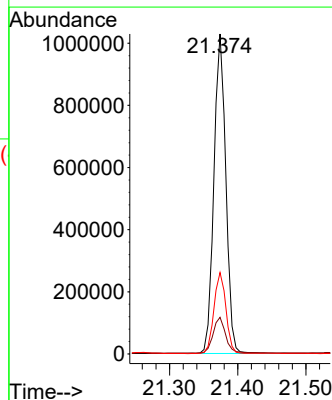
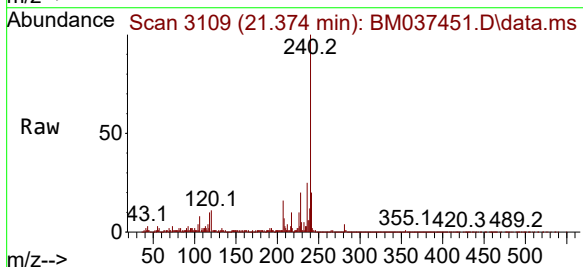
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

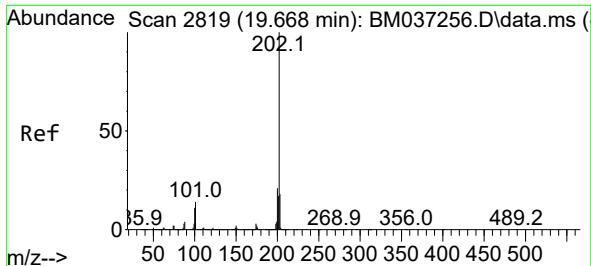
Tgt Ion:202 Resp: 3482821
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.4
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:240 Resp: 1252458
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.5 20.3 30.5

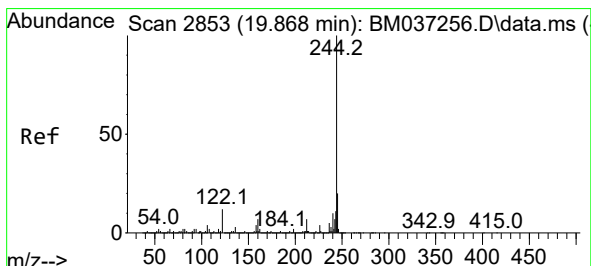
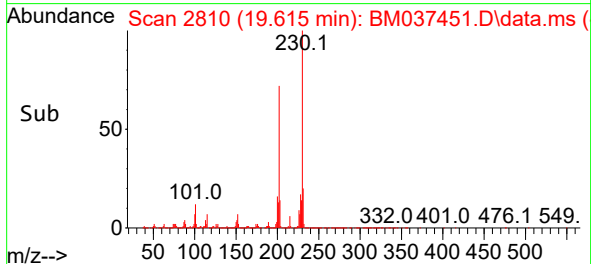
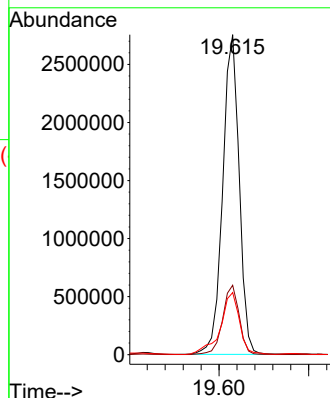
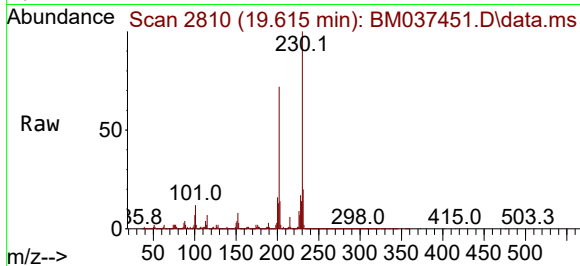




#78
Pyrene
Concen: 36.490 ng
RT: 19.615 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

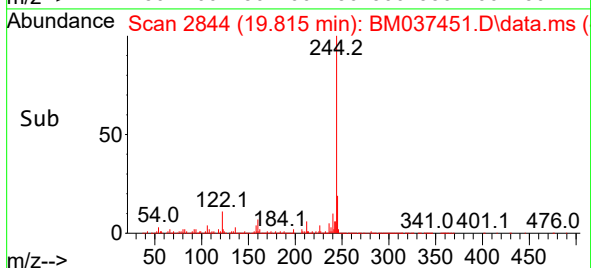
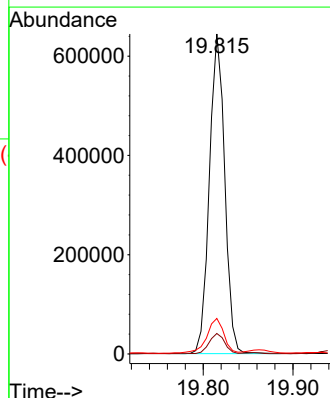
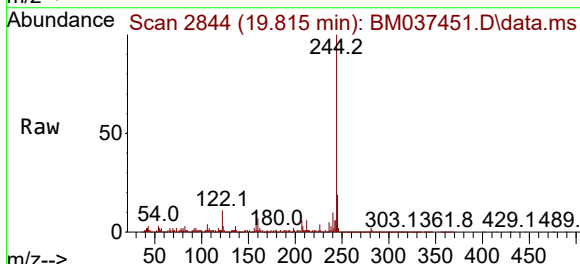
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

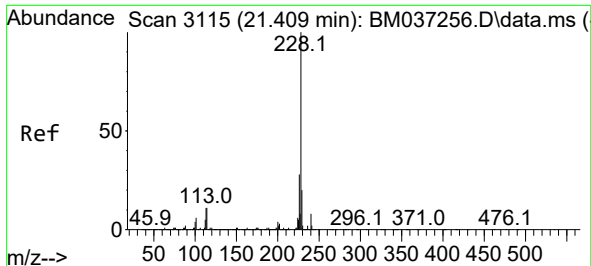
Tgt Ion:202 Resp: 3514330
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 19.4 14.1 21.1



#79
Terphenyl-d14
Concen: 10.945 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:244 Resp: 764399
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 11.1 9.4 14.2

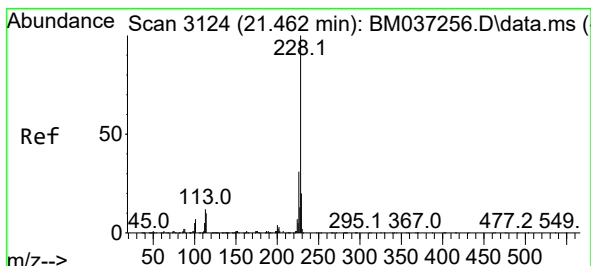
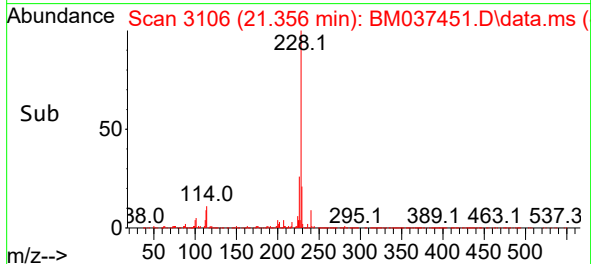
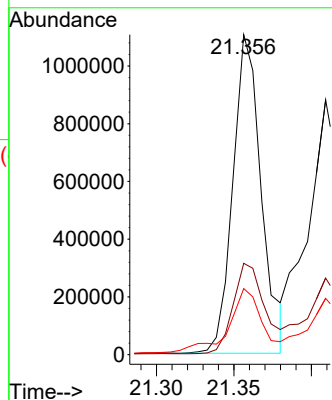
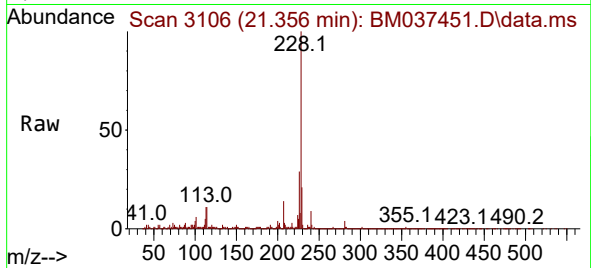




#81
Benzo(a)anthracene
Concen: 15.747 ng
RT: 21.356 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

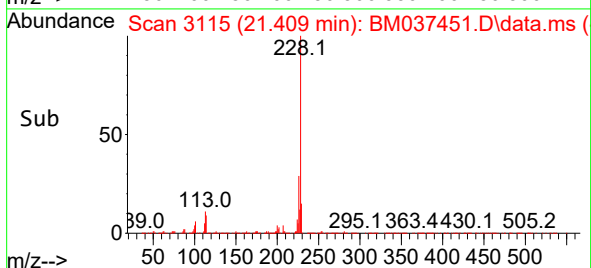
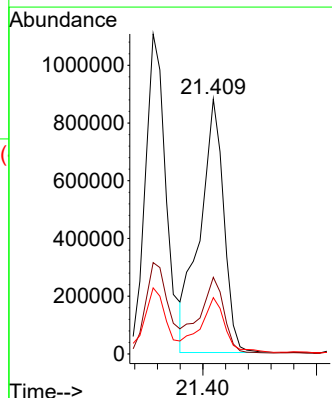
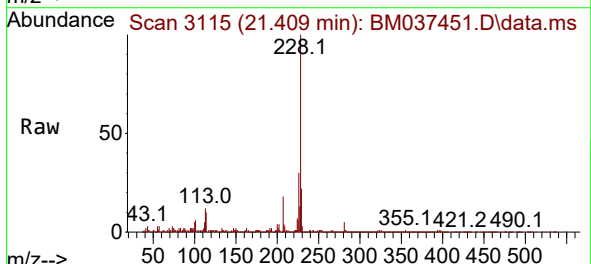
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

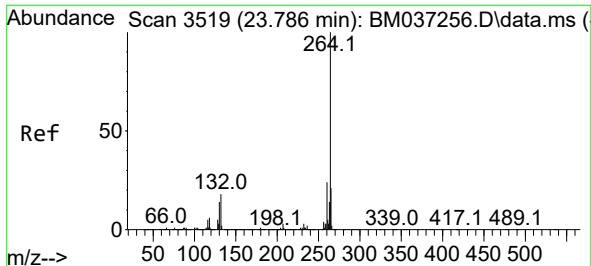
Tgt Ion:228 Resp: 1404144
Ion Ratio Lower Upper
228 100
226 28.6 22.3 33.5
229 20.7 16.2 24.2



#83
Chrysene
Concen: 14.974 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:228 Resp: 1286329
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 22.1 16.0 24.0

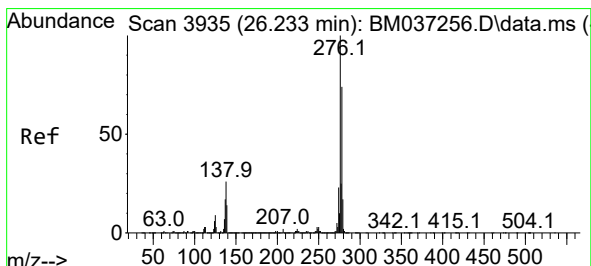
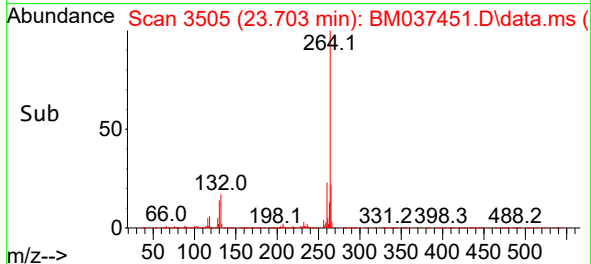
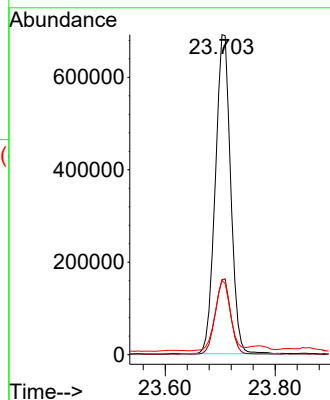
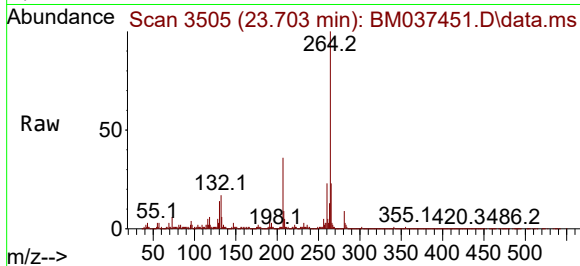




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.703 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM037451.D
 Acq: 10 Nov 2022 14:57

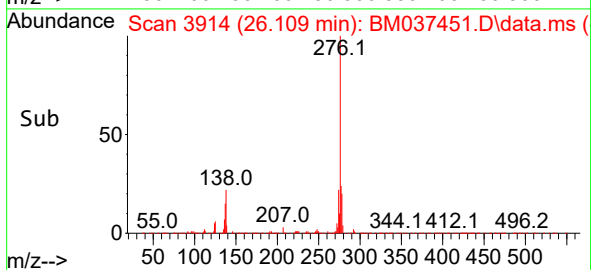
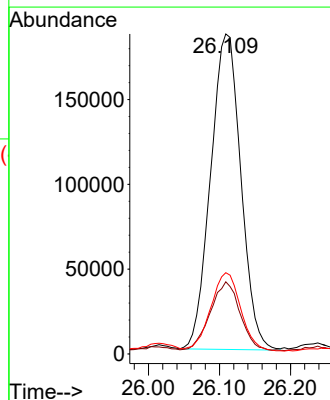
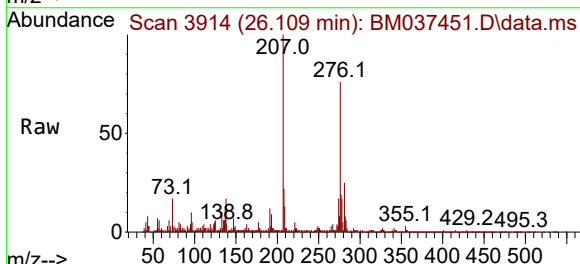
Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-03DL

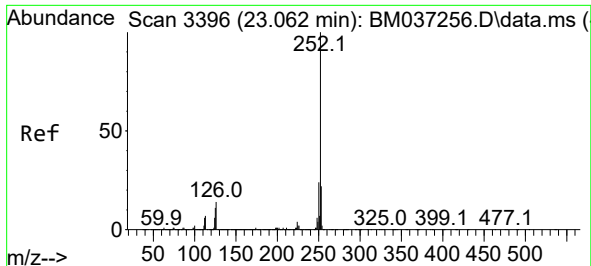
Tgt Ion:264 Resp: 1338787
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 23.1 17.7 26.5



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.018 ng
 RT: 26.109 min Scan# 3914
 Delta R.T. -0.024 min
 Lab File: BM037451.D
 Acq: 10 Nov 2022 14:57

Tgt Ion:276 Resp: 550040
 Ion Ratio Lower Upper
 276 100
 138 21.8 21.5 32.3
 277 24.7 20.1 30.1

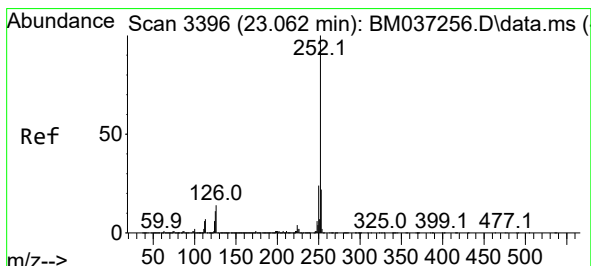
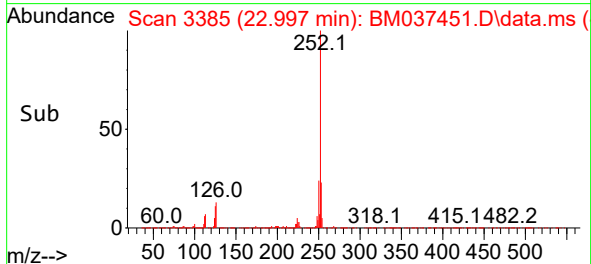
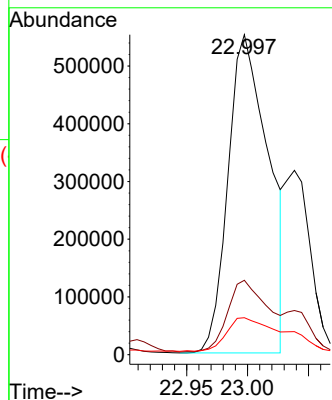
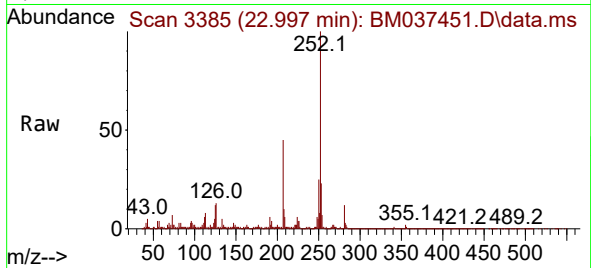




#88
Benzo(b)fluoranthene
Concen: 13.658 ng
RT: 22.997 min Scan# 3385
Delta R.T. -0.006 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

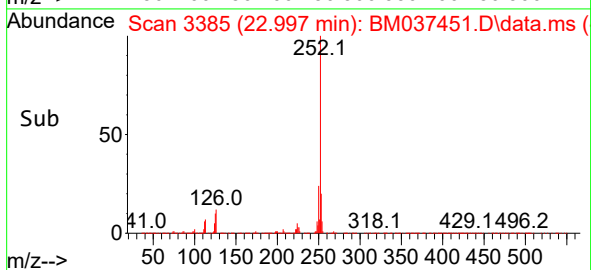
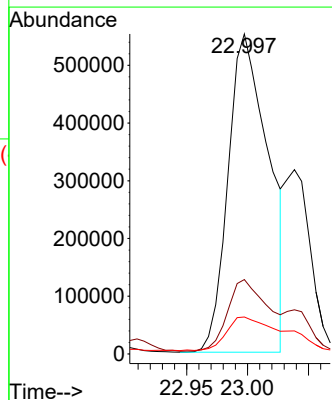
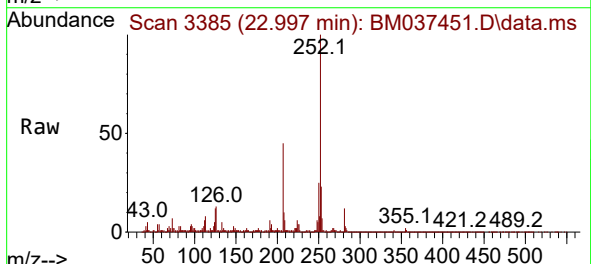
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03DL

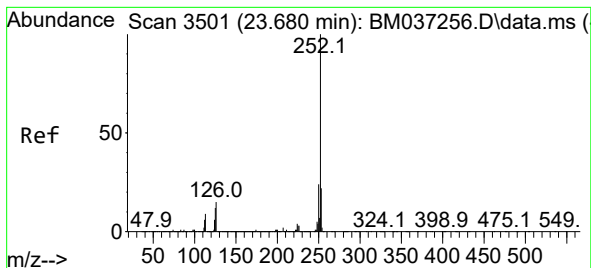
Tgt Ion:252 Resp: 1269444
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.6 9.1 13.7



#89
Benzo(k)fluoranthene
Concen: 13.390 ng
RT: 22.997 min Scan# 3385
Delta R.T. -0.053 min
Lab File: BM037451.D
Acq: 10 Nov 2022 14:57

Tgt Ion:252 Resp: 1269444
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.6 9.1 13.7





#90

Benzo(a)pyrene

Concen: 12.026 ng

RT: 23.603 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM037451.D

Acq: 10 Nov 2022 14:57

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-03DL

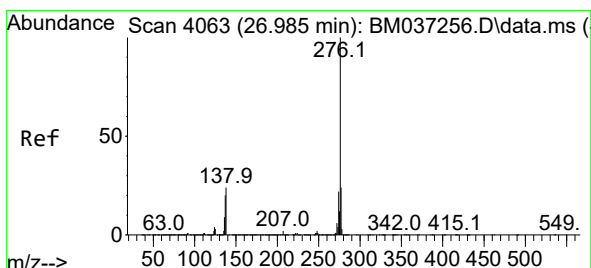
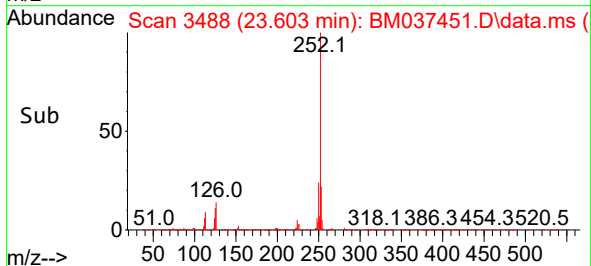
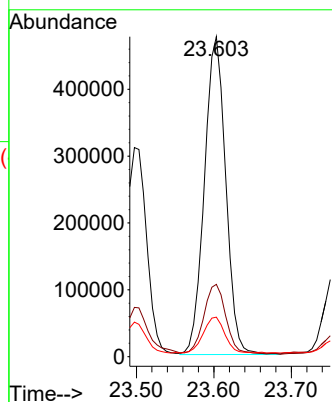
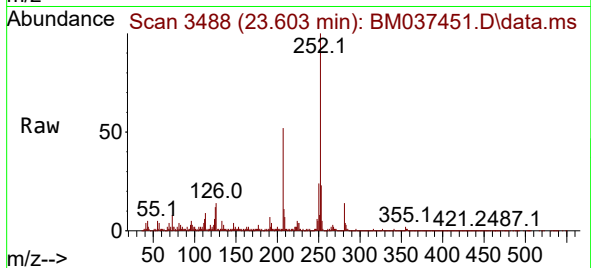
Tgt Ion:252 Resp: 910711

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 12.3 9.9 14.9



#92

Benzo(g,h,i)perylene

Concen: 5.889 ng

RT: 26.856 min Scan# 4041

Delta R.T. -0.024 min

Lab File: BM037451.D

Acq: 10 Nov 2022 14:57

Tgt Ion:276 Resp: 521779

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.2

138 23.1 18.9 28.3

