

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037438.D
 Acq On : 09 Nov 2022 15:54
 Operator : CG/JU
 Sample : N5436-09 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-09

Quant Time: Nov 10 05:48:13 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)

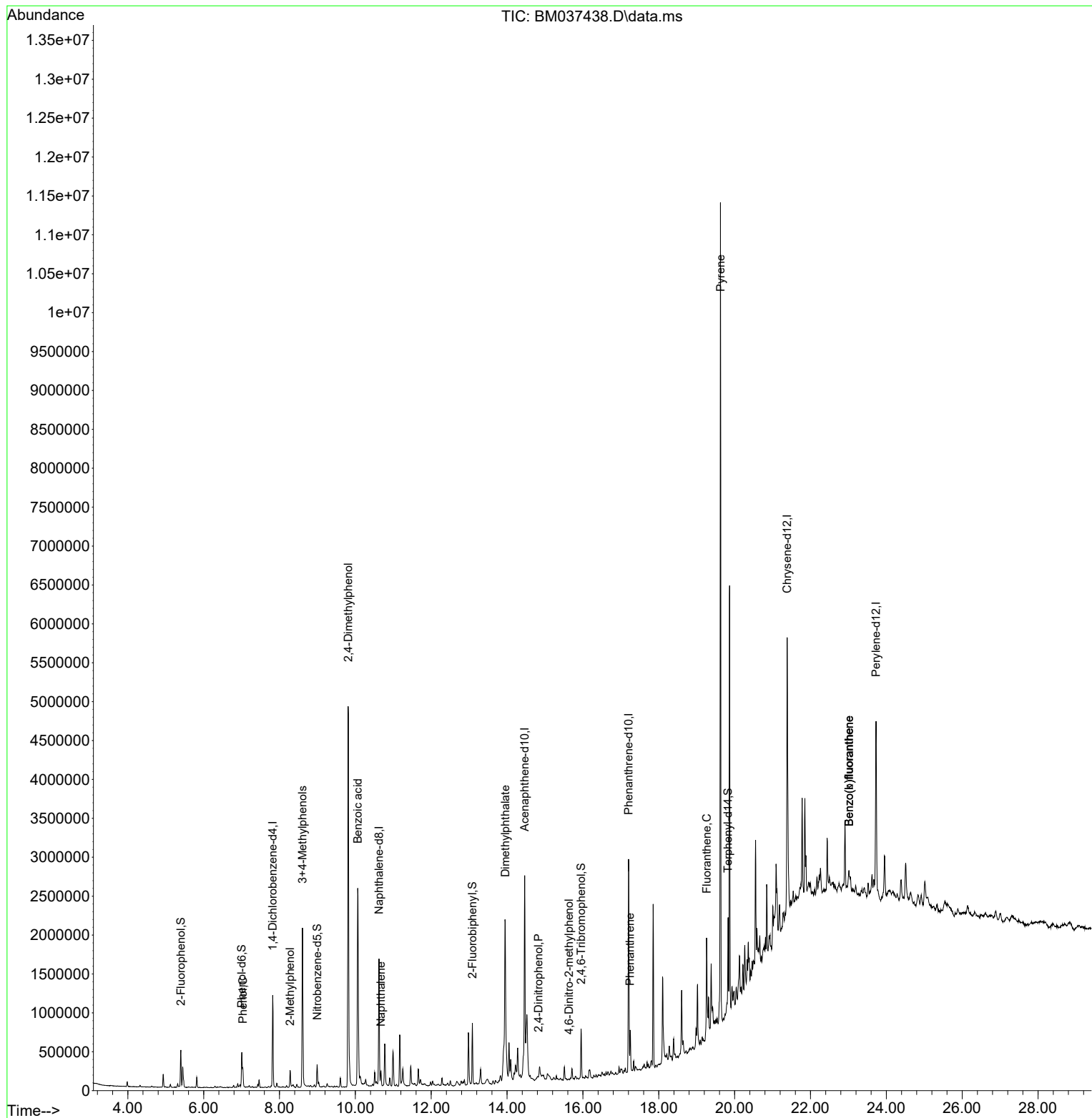
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	315717	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1297632	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	799703	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1581107	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1477461	20.000	ng	0.00
86) Perylene-d12	23.727	264	1564831	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	207523	11.356	ng	0.00
7) Phenol-d6	7.004	99	254005	10.241	ng	0.00
23) Nitrobenzene-d5	8.992	82	154960	6.025	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	117828	12.503	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	394825	6.560	ng	0.00
79) Terphenyl-d14	19.827	244	567244	6.885	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.034	94	104510	3.761	ng	98
17) 2-Methylphenol	8.281	107	67538	3.719	ng	98
20) 3+4-Methylphenols	8.604	107	946917	37.957	ng	91
27) 2,4-Dimethylphenol	9.810	122	1592863	91.944	ng	100
31) Naphthalene	10.675	128	148987	2.027	ng	100
32) Benzoic acid	10.063	122	627636	40.998	ng	# 26
50) Dimethylphthalate	13.951	163	484686	7.935	ng	# 94
54) 2,4-Dinitrophenol	14.827	184	54	6.451	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.633	198	197	5.030	ng	# 1
71) Phenanthrene	17.245	178	311446	3.175	ng	100
75) Fluoranthene	19.262	202	468614	4.519	ng	99
78) Pyrene	19.627	202	777284	6.842	ng	# 89
88) Benzo(b)fluoranthene	23.015	252	225531	2.076	ng	# 82
89) Benzo(k)fluoranthene	23.015	252	225531	2.035	ng	# 82

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

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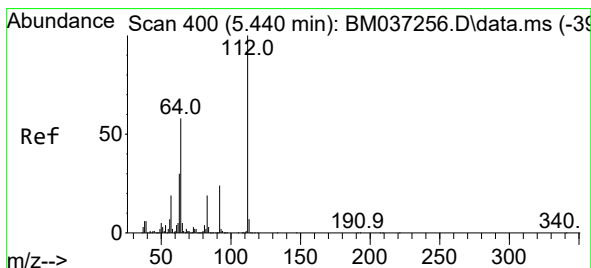
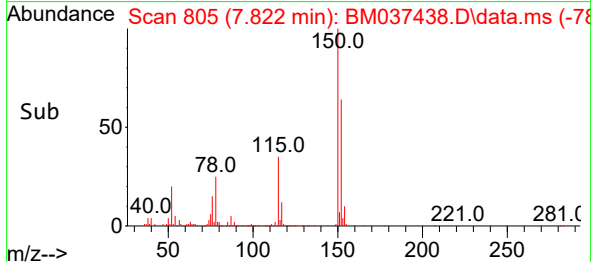
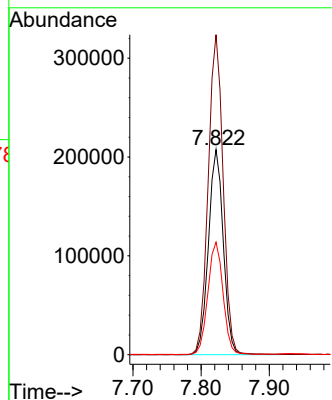
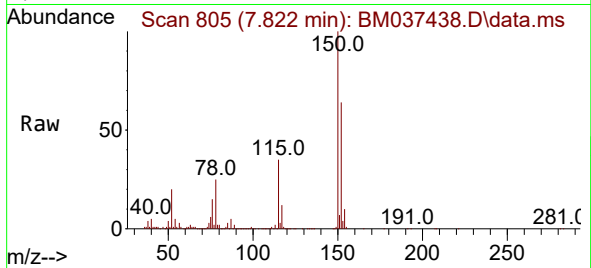




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

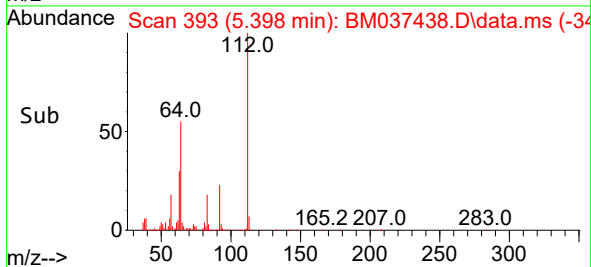
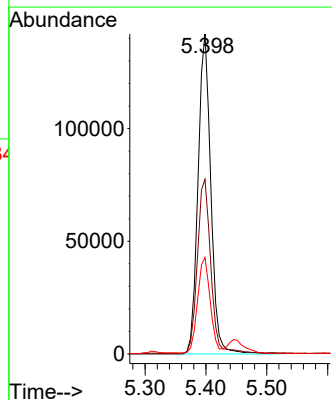
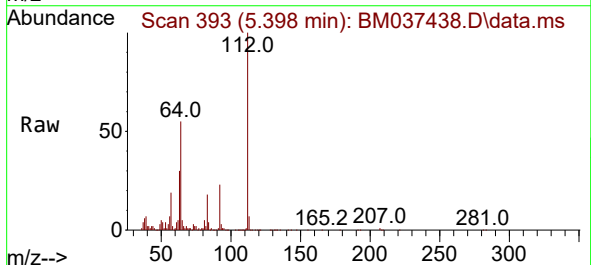
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BNA_M
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250FERRYBLVD-TFS-09

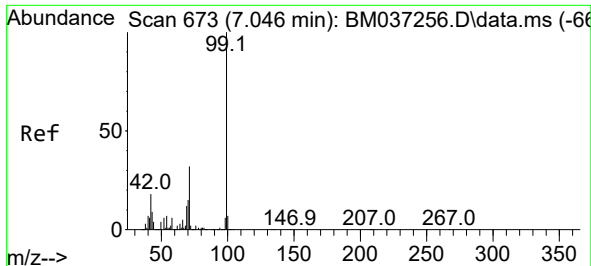
Tgt Ion:152 Resp: 315717
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 54.8 47.0 70.4



#5
2-Fluorophenol
Concen: 11.356 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:112 Resp: 207523
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 30.2 24.4 36.6

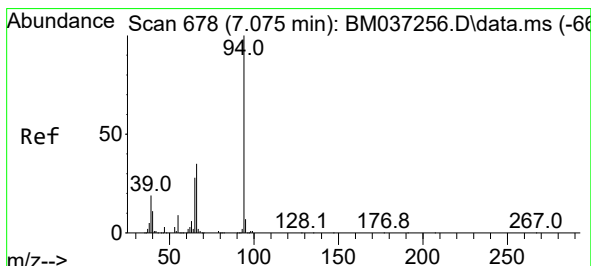
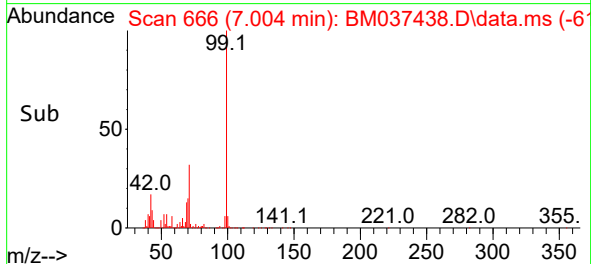
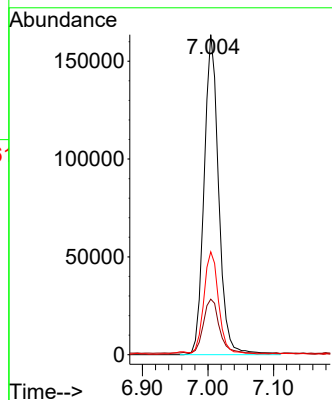
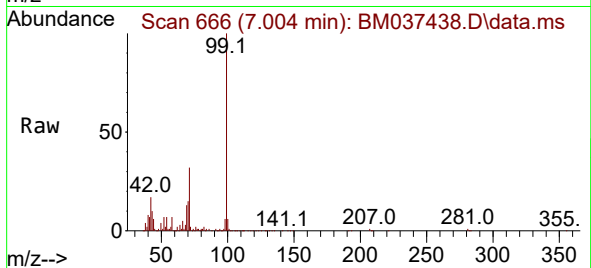




#7
Phenol-d6
Concen: 10.241 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

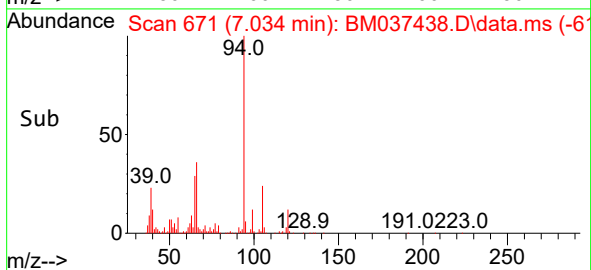
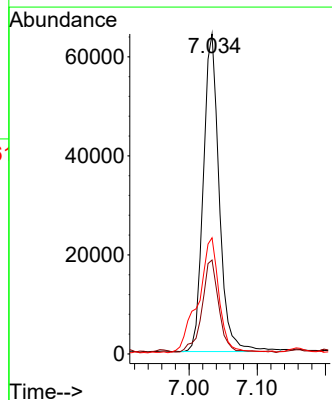
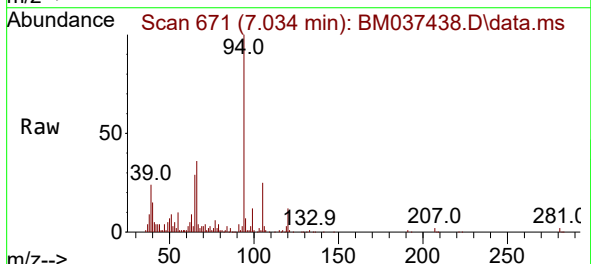
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

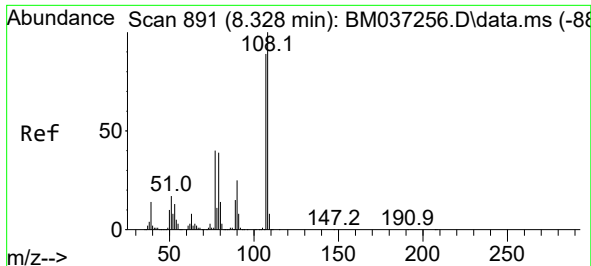
Tgt Ion: 99 Resp: 254005
Ion Ratio Lower Upper
99 100
42 17.3 14.8 22.2
71 32.2 25.6 38.4



#10
Phenol
Concen: 3.761 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion: 94 Resp: 104510
Ion Ratio Lower Upper
94 100
65 29.3 8.1 48.1
66 36.3 15.5 55.5

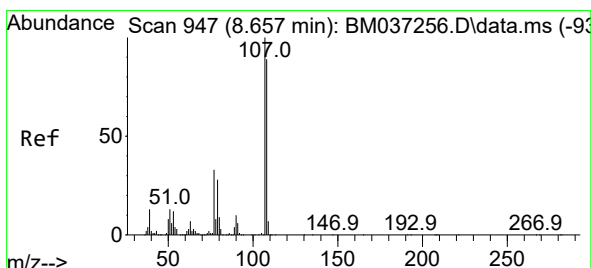
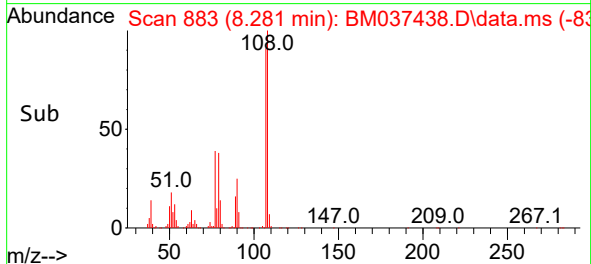
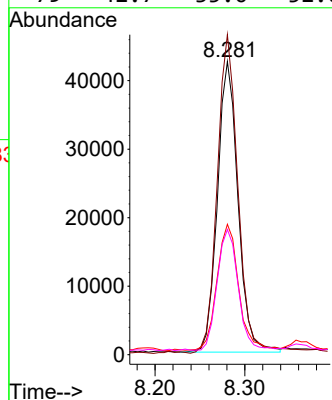
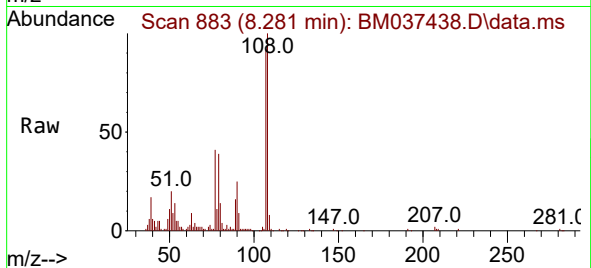




#17
2-Methylphenol
Concen: 3.719 ng
RT: 8.281 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

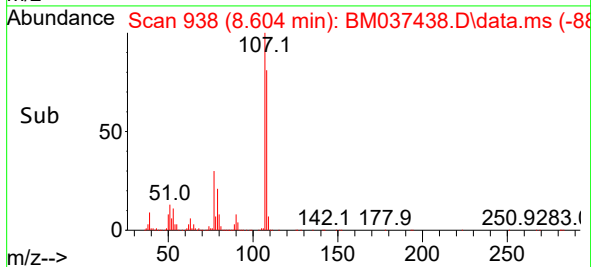
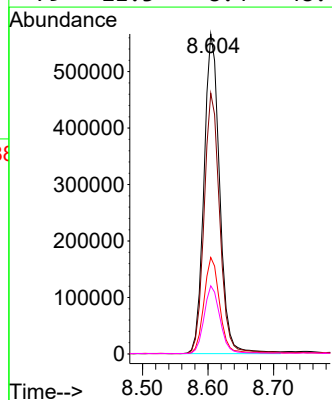
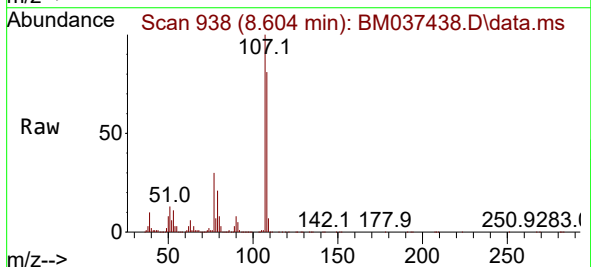
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

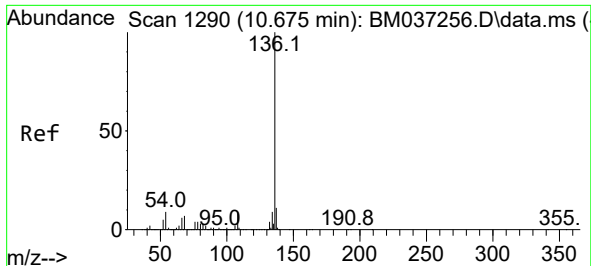
Tgt Ion:	107	Resp:	67538
Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.5	134.3
77	44.5	36.2	54.2
79	42.7	35.0	52.6



#20
3+4-Methylphenols
Concen: 37.957 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:	107	Resp:	946917
Ion	Ratio	Lower	Upper
107	100		
108	81.5	69.4	109.4
77	30.2	12.8	52.8
79	21.3	8.4	48.4

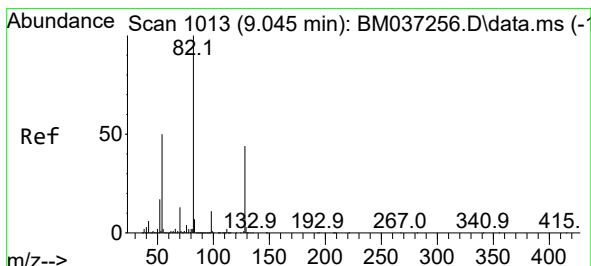
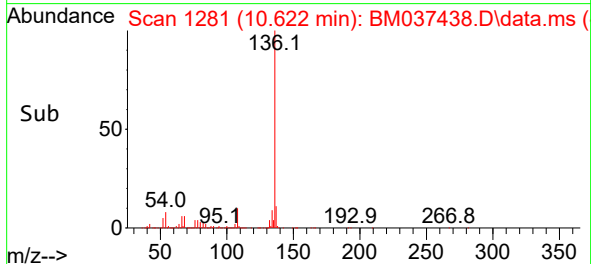
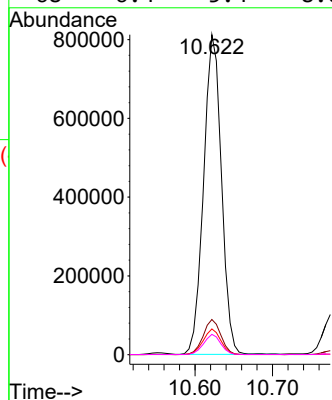
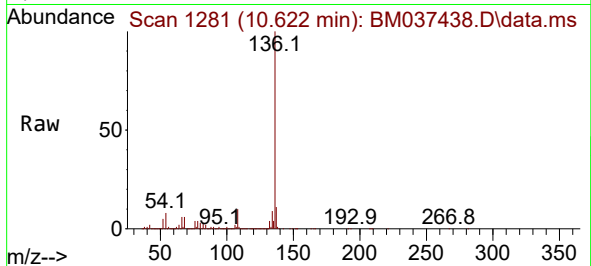




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

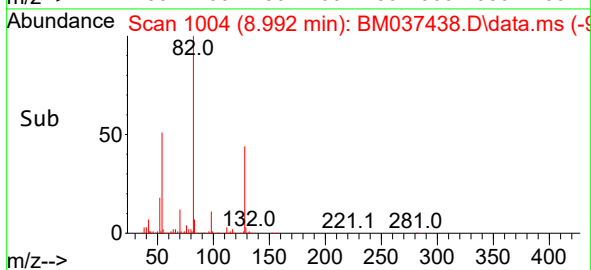
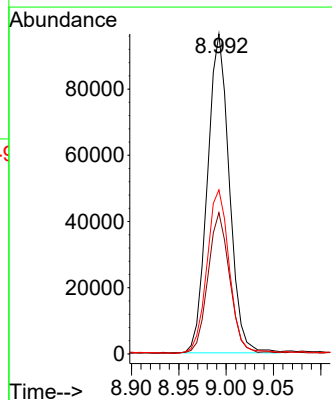
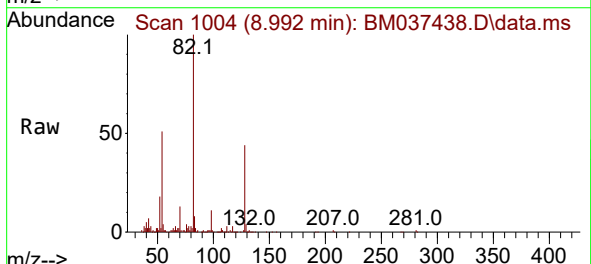
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

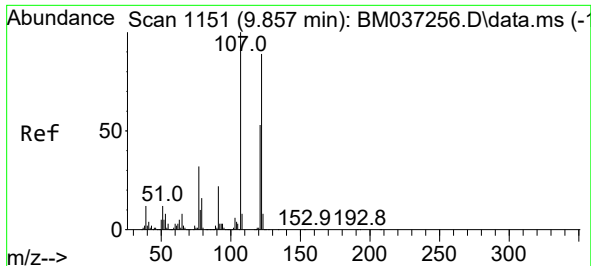
Tgt Ion:136 Resp: 1297632
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 6.4 5.4 8.0



#23
Nitrobenzene-d5
Concen: 6.025 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion: 82 Resp: 154960
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 51.3 40.4 60.6

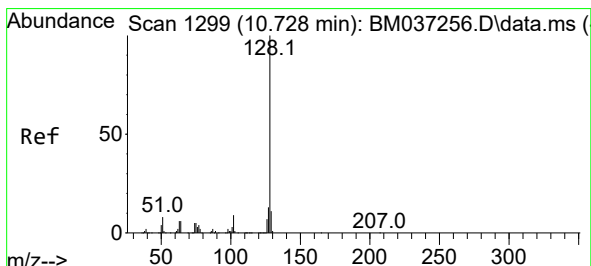
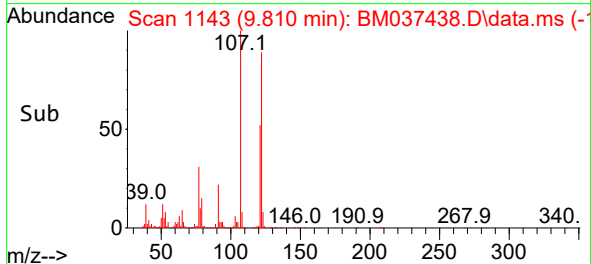
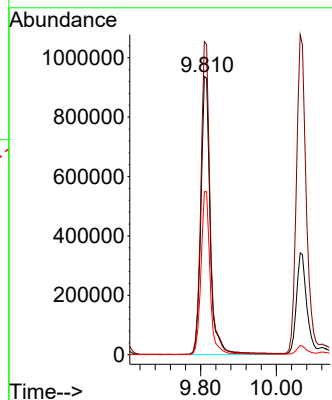
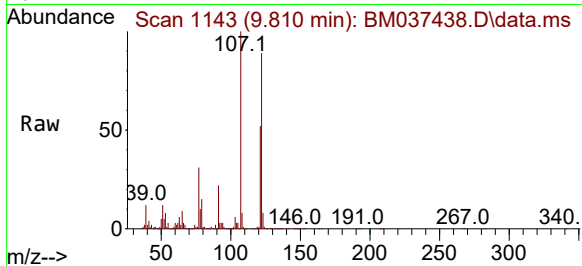




#27
2,4-Dimethylphenol
Concen: 91.944 ng
RT: 9.810 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

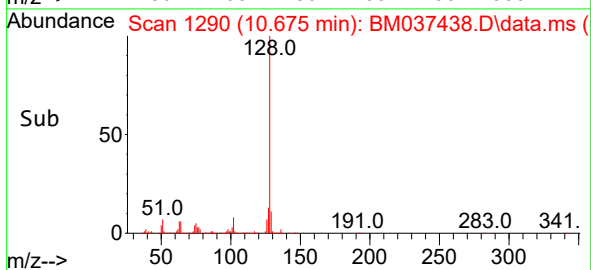
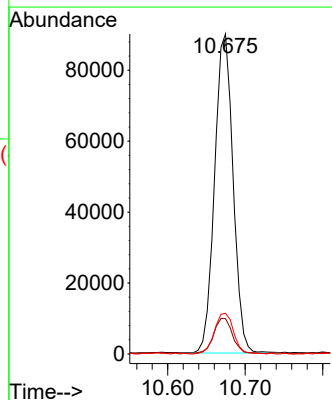
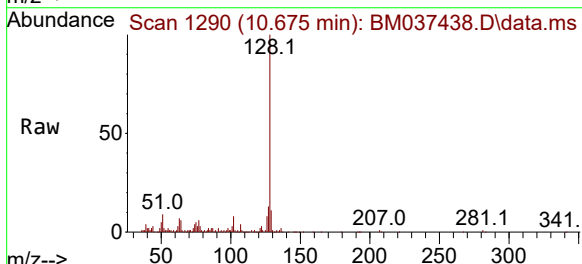
Instrument :
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ClientSampleId :
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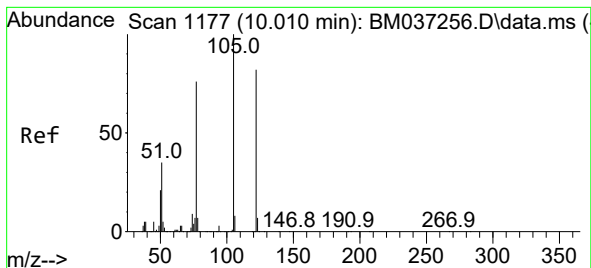
Tgt Ion:122 Resp: 1592863
Ion Ratio Lower Upper
122 100
107 112.6 89.7 134.5
121 58.6 47.1 70.7



#31
Naphthalene
Concen: 2.027 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:128 Resp: 148987
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.2 15.2





#32

Benzoic acid

Concen: 40.998 ng

RT: 10.063 min Scan# 1177

Delta R.T. 0.088 min

Lab File: BM037438.D

Acq: 09 Nov 2022 15:54

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-09

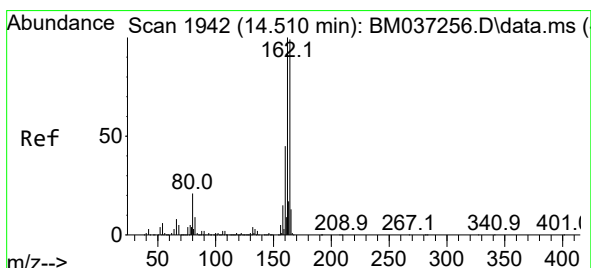
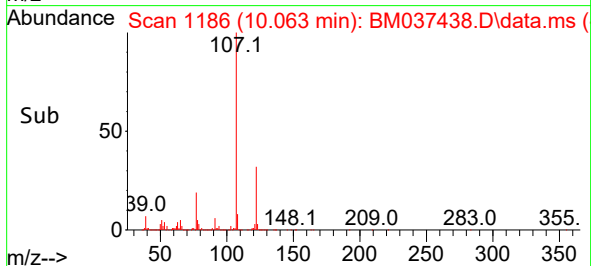
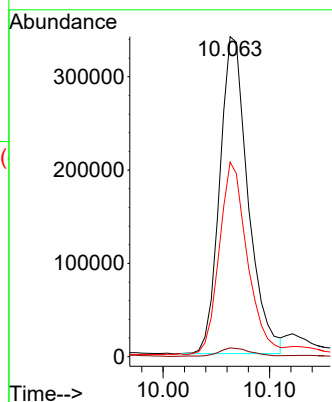
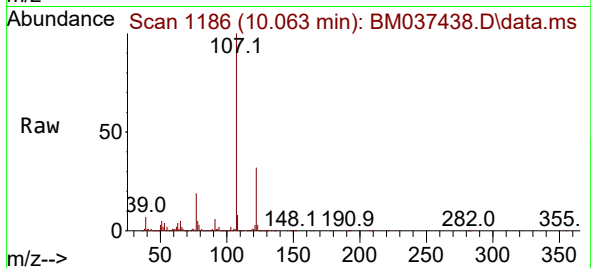
Tgt Ion:122 Resp: 627636

Ion Ratio Lower Upper

122 100

105 2.7 100.1 140.1#

77 60.8 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: BM037438.D

Acq: 09 Nov 2022 15:54

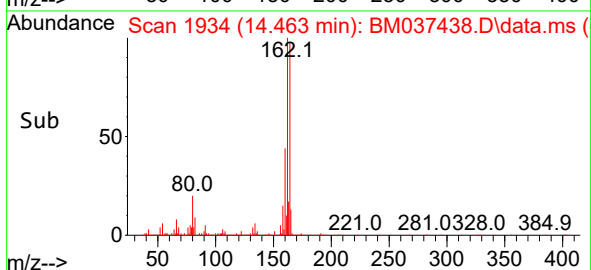
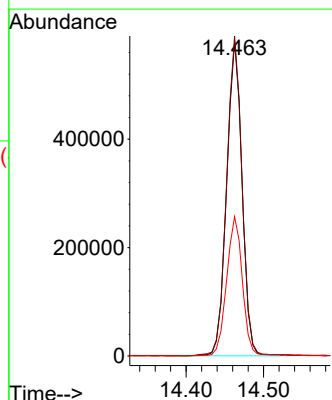
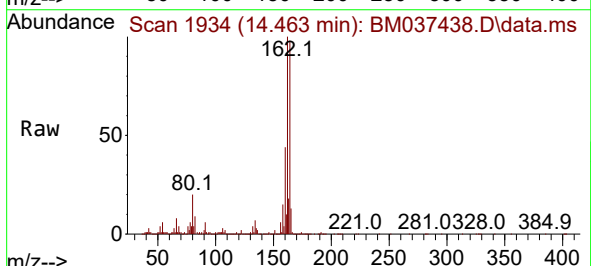
Tgt Ion:164 Resp: 799703

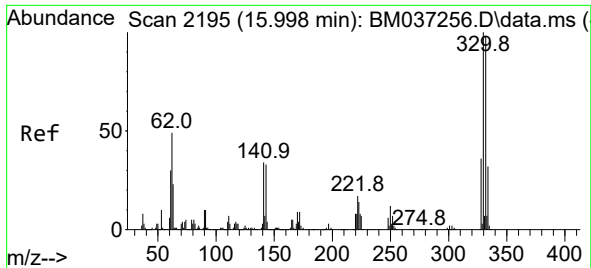
Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

160 44.4 36.2 54.4

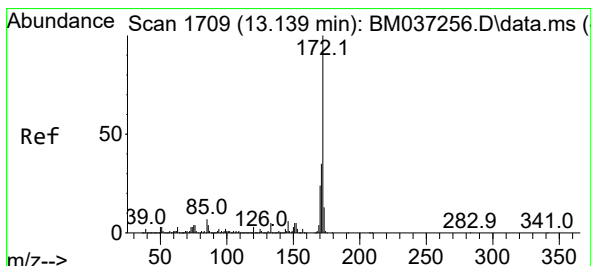
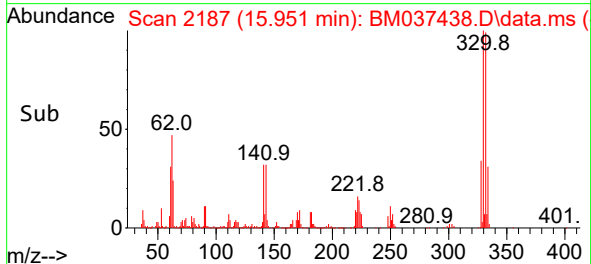
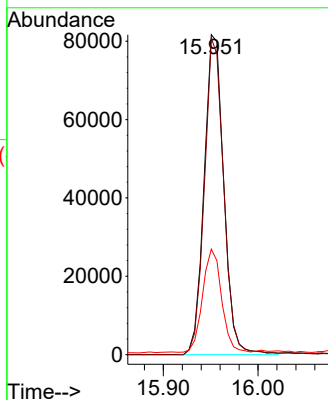
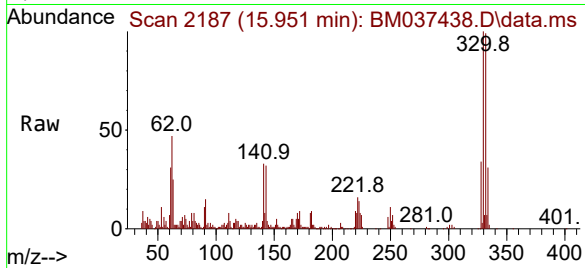




#42
2,4,6-Tribromophenol
Concen: 12.503 ng
RT: 15.951 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

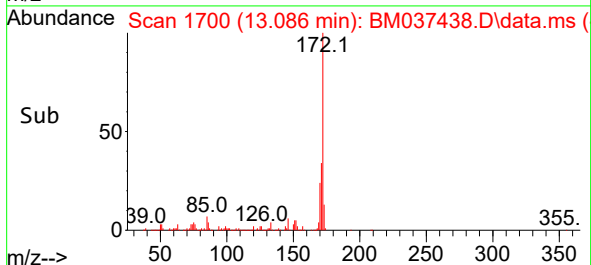
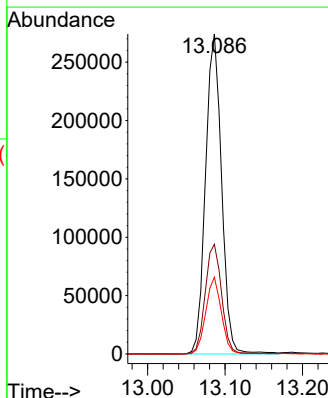
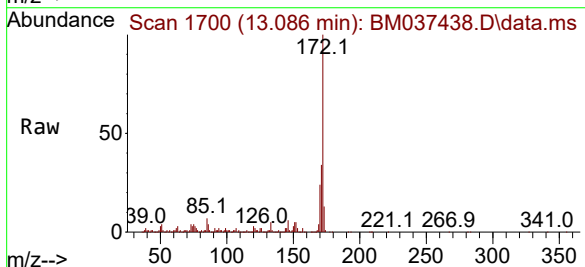
Instrument :
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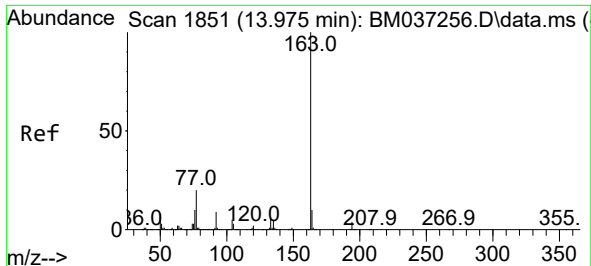
Tgt Ion:330 Resp: 117828
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 31.3 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 6.560 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:172 Resp: 394825
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 24.0 19.0 28.4

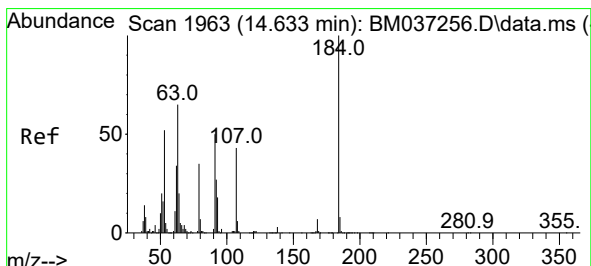
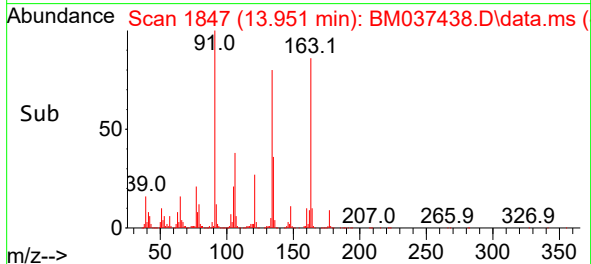
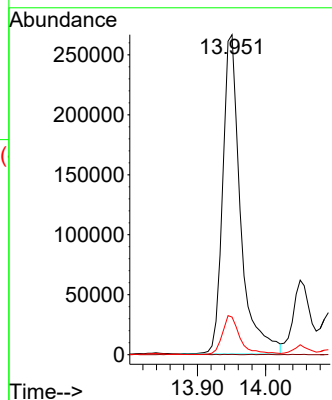
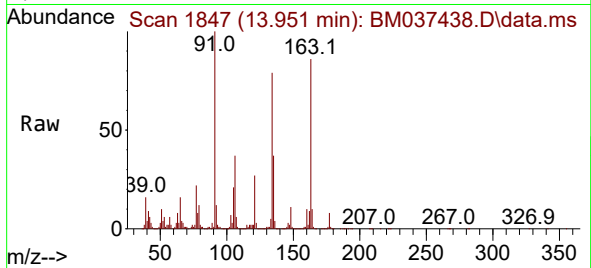




#50
Dimethylphthalate
Concen: 7.935 ng
RT: 13.951 min Scan# 1847
Delta R.T. 0.018 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

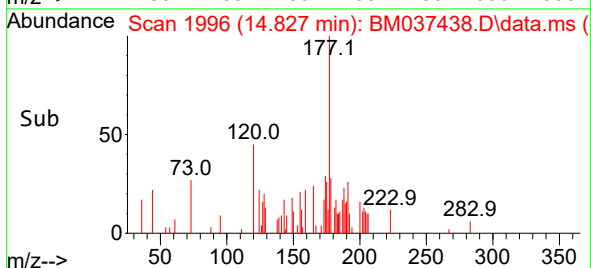
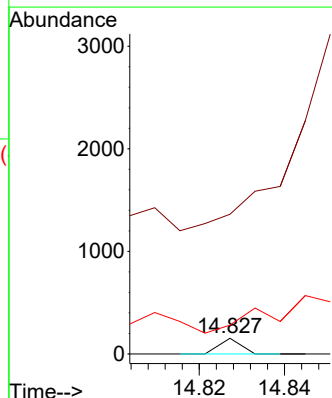
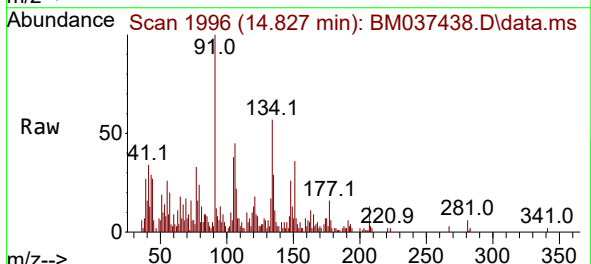
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

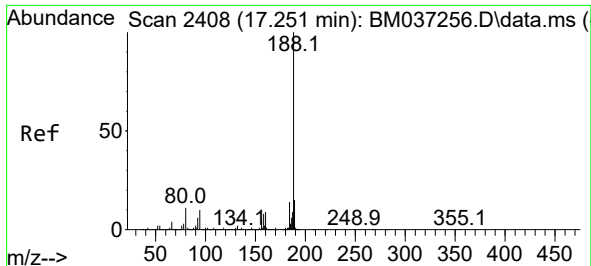
Tgt Ion:163 Resp: 484686
Ion Ratio Lower Upper
163 100
194 0.1 3.0 4.6#
164 11.7 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 6.451 ng
RT: 14.827 min Scan# 1996
Delta R.T. 0.235 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 890.2 57.7 86.5#
154 183.0 48.3 72.5#

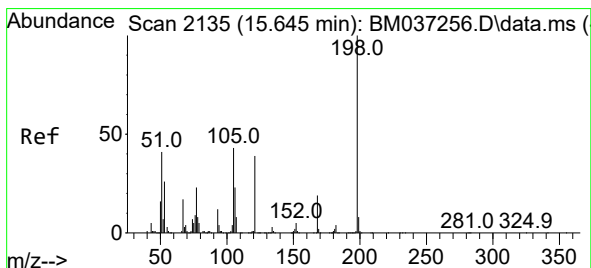
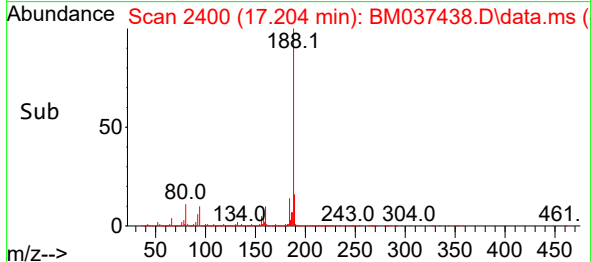
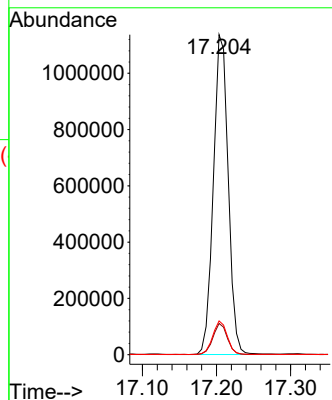
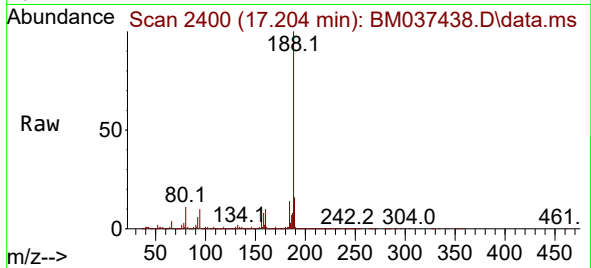




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

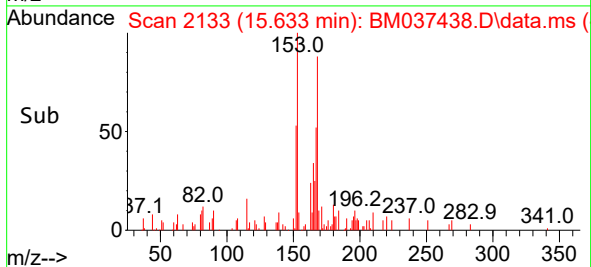
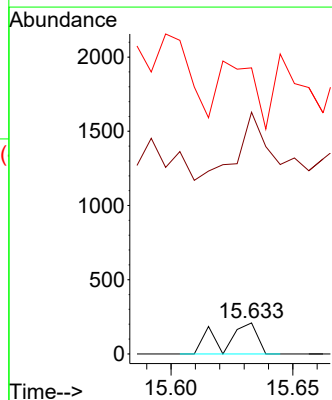
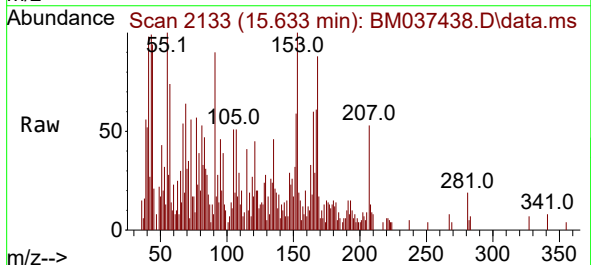
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

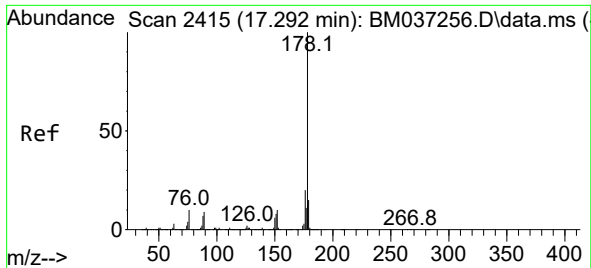
Tgt Ion:188 Resp: 1581107
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 5.030 ng
RT: 15.633 min Scan# 2133
Delta R.T. 0.029 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:198 Resp: 197
Ion Ratio Lower Upper
198 100
51 779.4 26.8 66.8#
105 922.0 24.1 64.1#

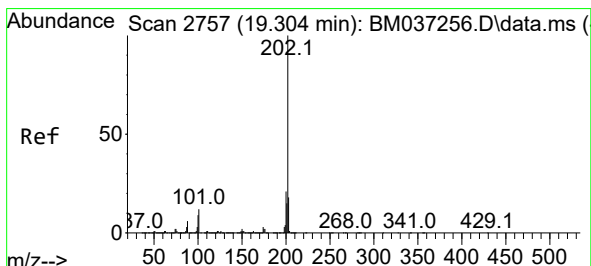
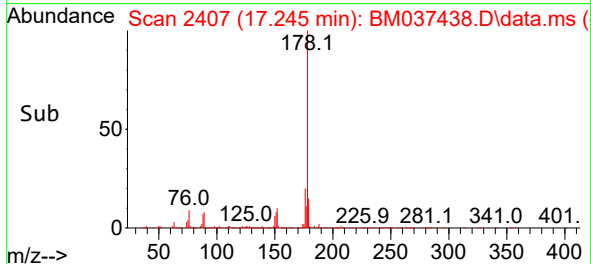
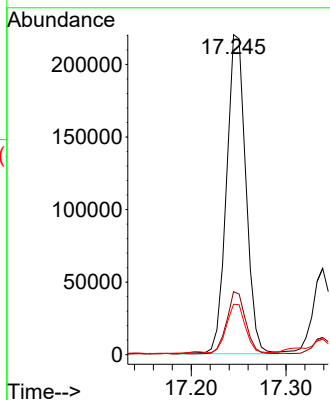
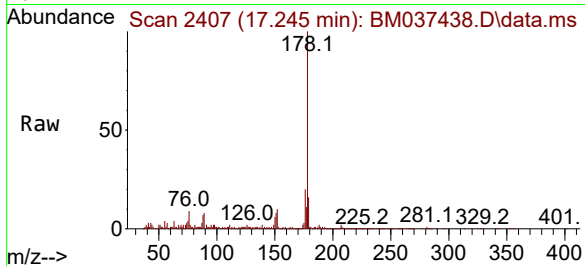




#71
Phenanthrene
Concen: 3.175 ng
RT: 17.245 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

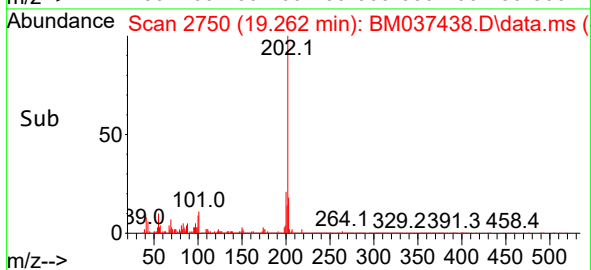
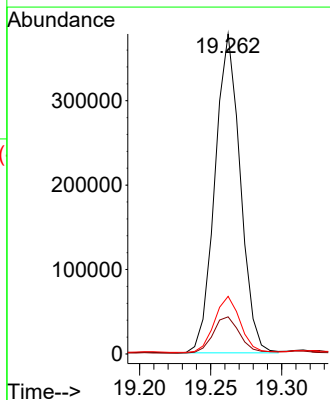
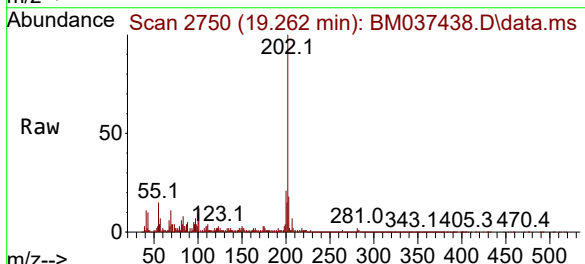
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

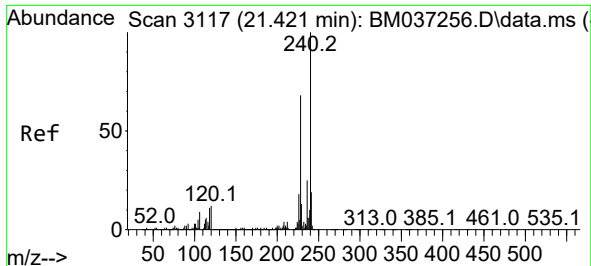
Tgt Ion:178 Resp: 311446
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.4 18.6



#75
Fluoranthene
Concen: 4.519 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:202 Resp: 468614
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 18.0 0.0 37.8

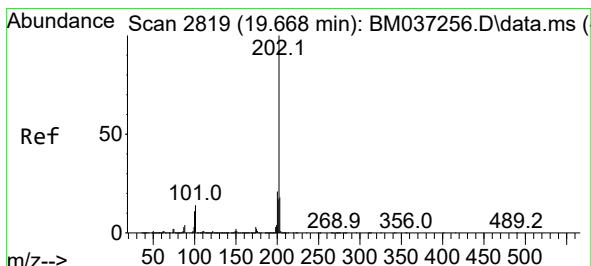
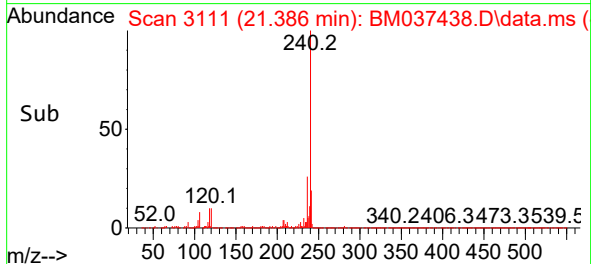
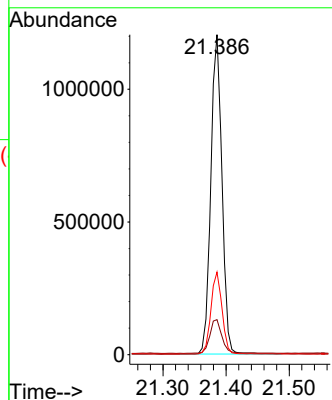
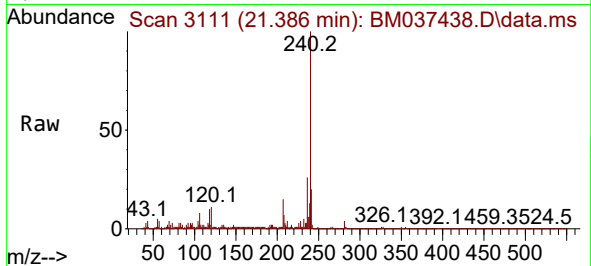




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

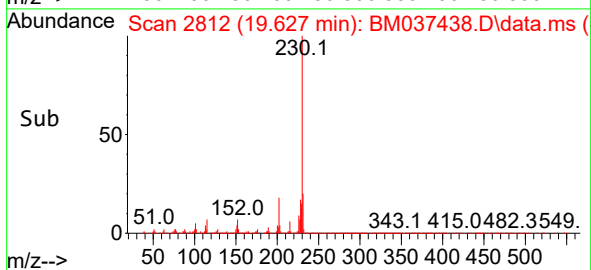
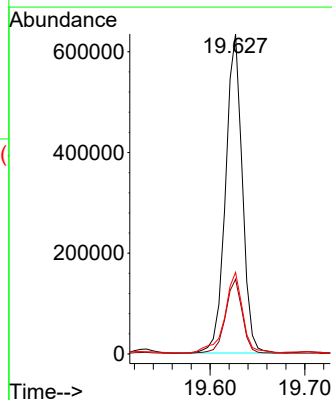
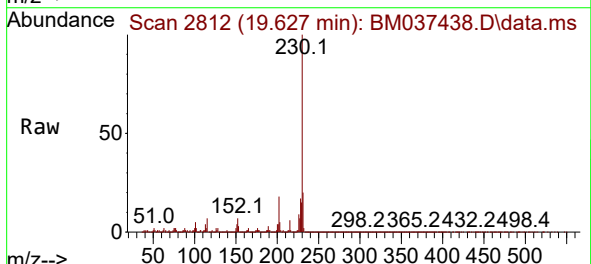
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

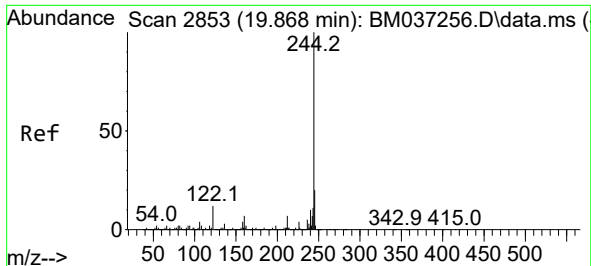
Tgt Ion:240 Resp: 1477461
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.8 20.3 30.5



#78
Pyrene
Concen: 6.842 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:202 Resp: 777284
Ion Ratio Lower Upper
202 100
200 23.4 17.0 25.6
203 25.5 14.1 21.1#

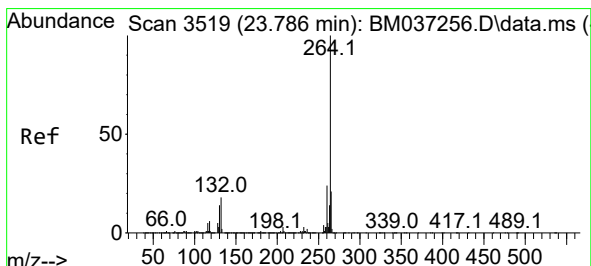
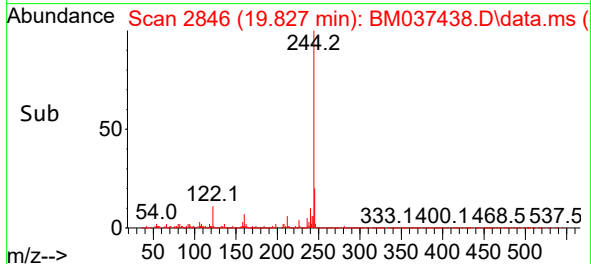
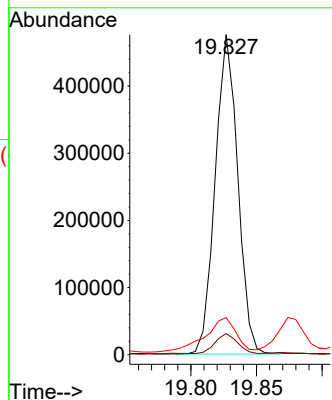
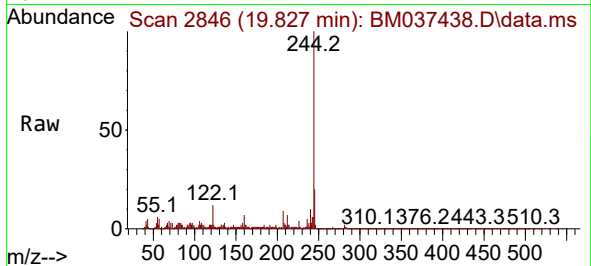




#79
 Terphenyl-d14
 Concen: 6.885 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM037438.D
 Acq: 09 Nov 2022 15:54

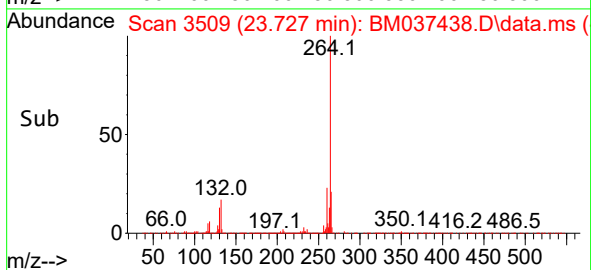
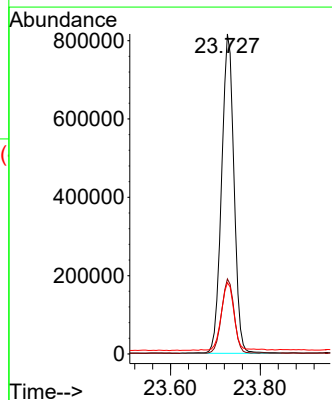
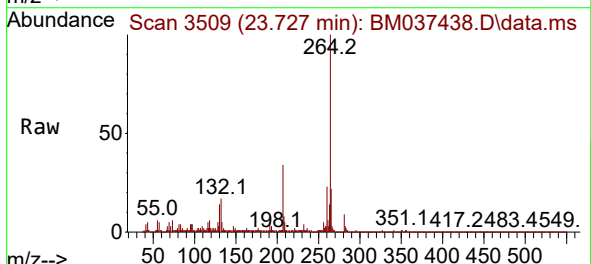
Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-09

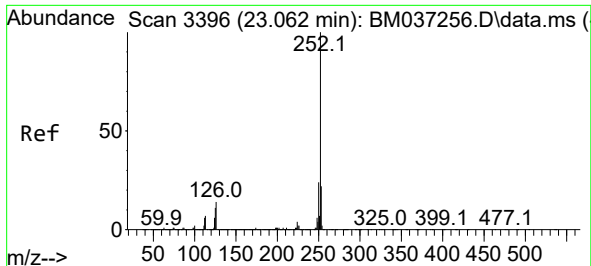
Tgt Ion:244 Resp: 567244
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3509
 Delta R.T. 0.018 min
 Lab File: BM037438.D
 Acq: 09 Nov 2022 15:54

Tgt Ion:264 Resp: 1564831
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.3 17.7 26.5

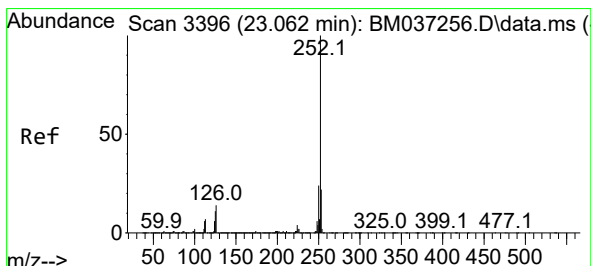
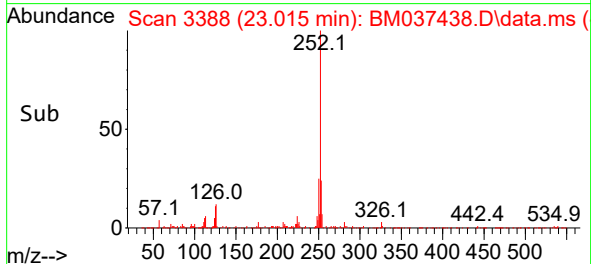
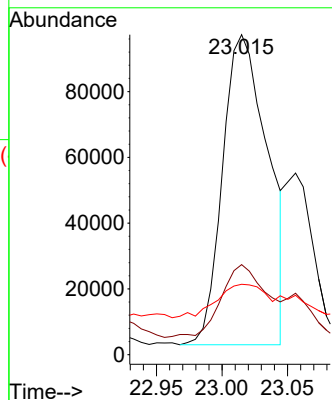
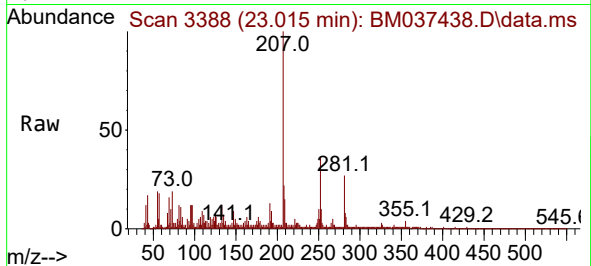




#88
Benzo(b)fluoranthene
Concen: 2.076 ng
RT: 23.015 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

Tgt Ion:252 Resp: 225531
Ion Ratio Lower Upper
252 100
253 28.2 17.8 26.6#
125 22.0 9.1 13.7#



#89
Benzo(k)fluoranthene
Concen: 2.035 ng
RT: 23.015 min Scan# 3388
Delta R.T. -0.035 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:252 Resp: 225531
Ion Ratio Lower Upper
252 100
253 28.2 17.8 26.6#
125 22.0 9.1 13.7#

