

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037437.D
 Acq On : 09 Nov 2022 15:18
 Operator : CG/JU
 Sample : N5436-08 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-08

Quant Time: Nov 10 05:47:55 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)

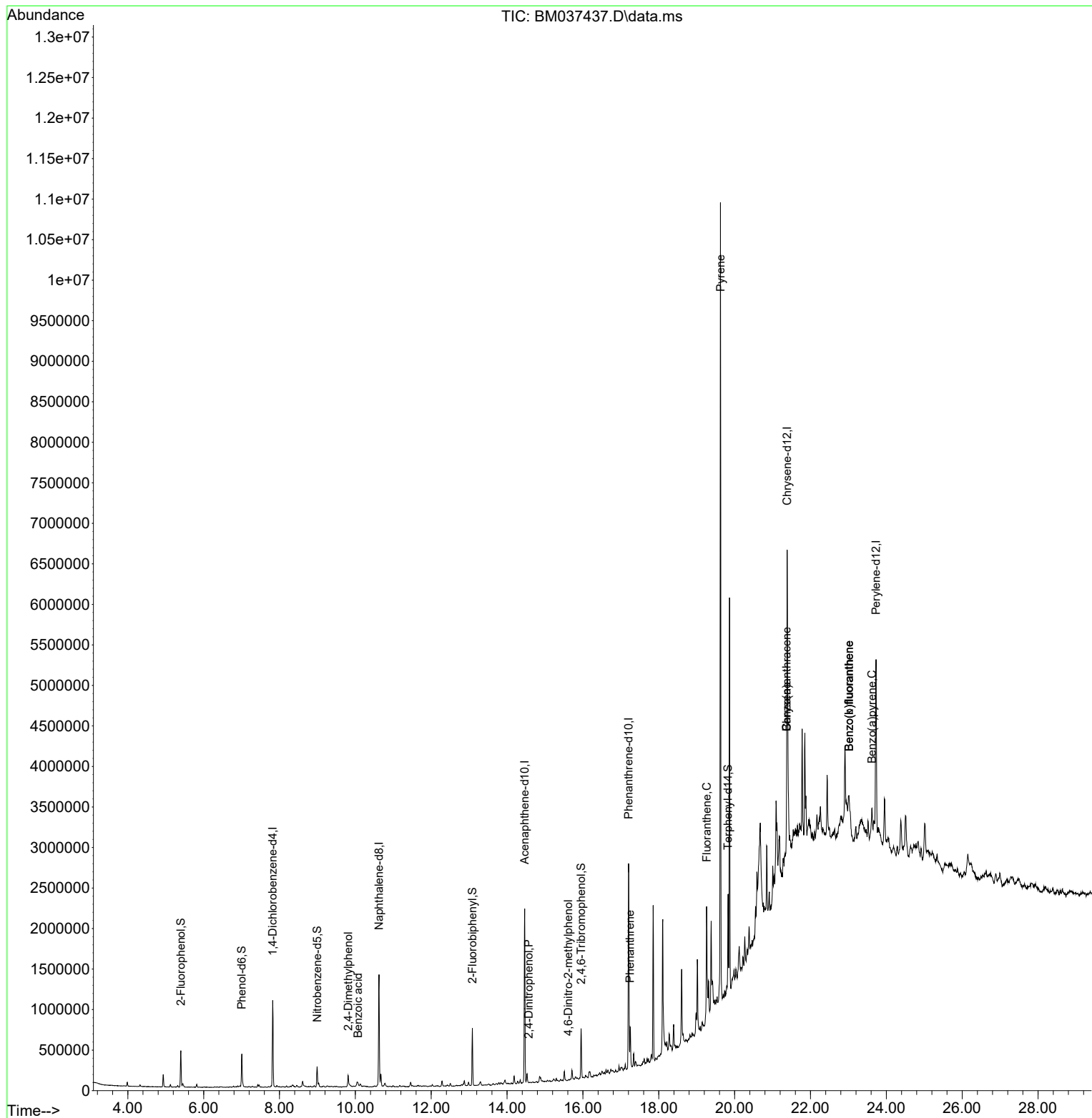
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	285775	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1108374	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	710683	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1513066	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1498025	20.000	ng	0.00
86) Perylene-d12	23.727	264	1599098	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	192042	11.610	ng	0.00
7) Phenol-d6	7.004	99	234693	10.454	ng	0.00
23) Nitrobenzene-d5	8.992	82	141393	6.436	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	114002	13.612	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	353528	6.610	ng	0.00
79) Terphenyl-d14	19.827	244	556895	6.667	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.810	122	53732	3.631	ng	96
32) Benzoic acid	10.069	122	12556	7.774	ng	# 34
54) 2,4-Dinitrophenol	14.569	184	72	6.454	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.616	198	80	5.020	ng	# 1
71) Phenanthrene	17.245	178	298947	3.185	ng	99
75) Fluoranthene	19.262	202	562205	5.666	ng	98
78) Pyrene	19.627	202	854651	7.419	ng	# 92
81) Benzo(a)anthracene	21.368	228	240676	2.257	ng	93
83) Chrysene	21.368	228	240676	2.342	ng	96
88) Benzo(b)fluoranthene	23.015	252	295867	2.665	ng	# 82
89) Benzo(k)fluoranthene	23.015	252	295867	2.613	ng	# 82
90) Benzo(a)pyrene	23.621	252	229849	2.541	ng	# 84

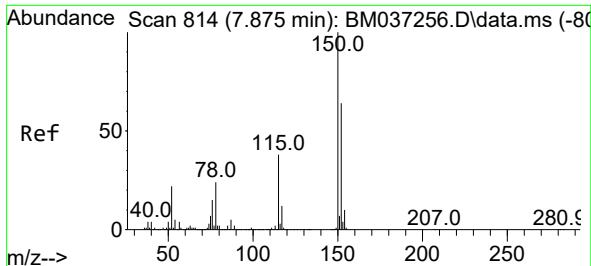
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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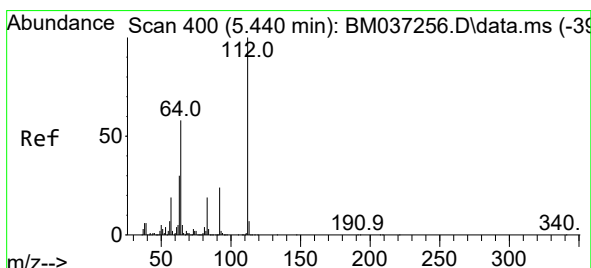
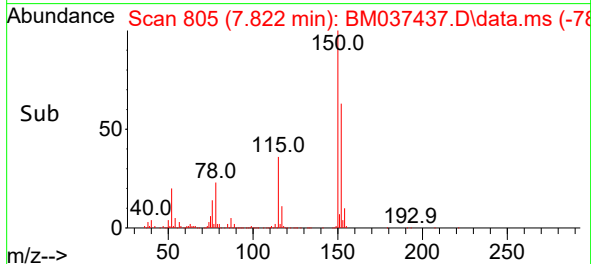
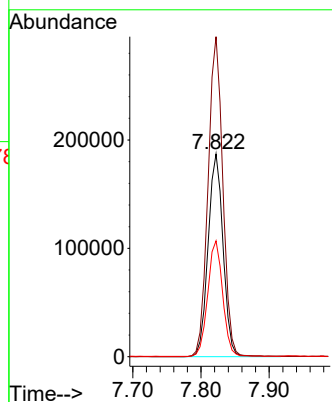
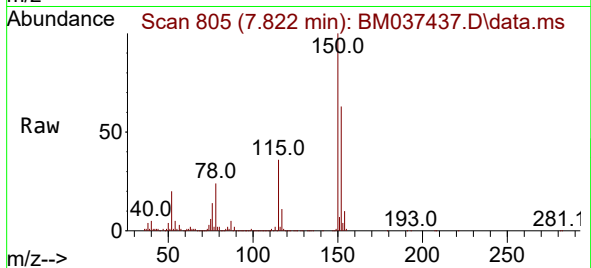




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

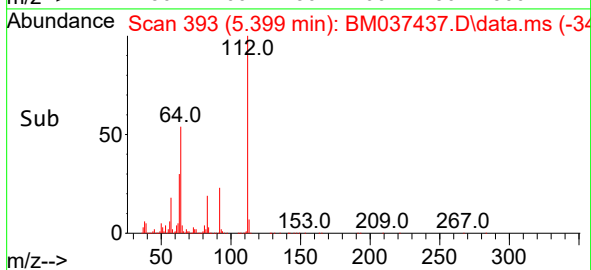
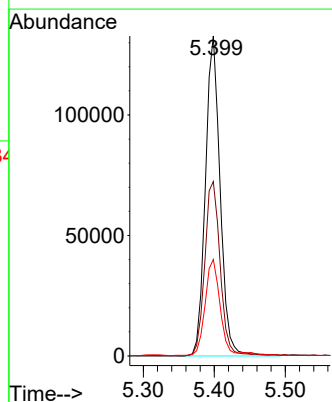
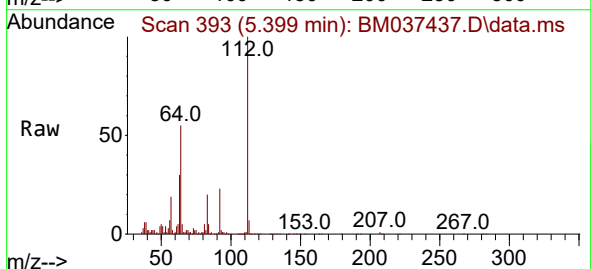
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

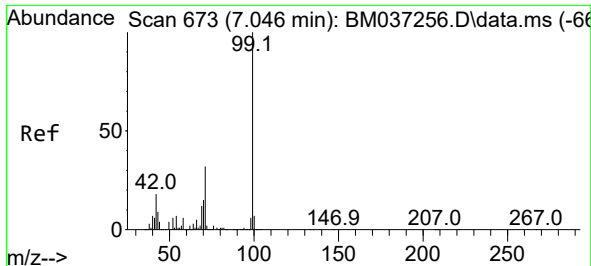
Tgt Ion:152 Resp: 285775
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 57.1 47.0 70.4



#5
2-Fluorophenol
Concen: 11.610 ng
RT: 5.399 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:112 Resp: 192042
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 30.2 24.4 36.6

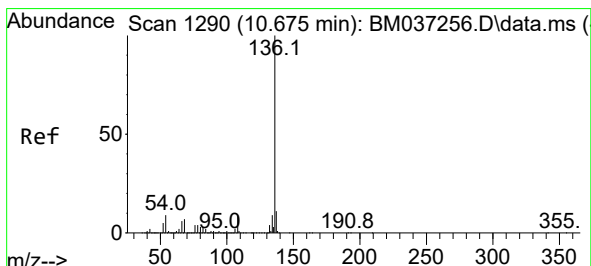
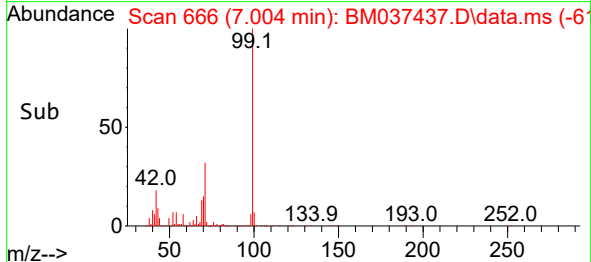
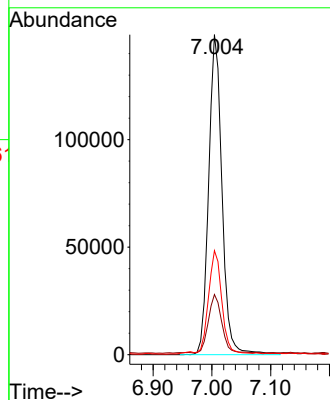
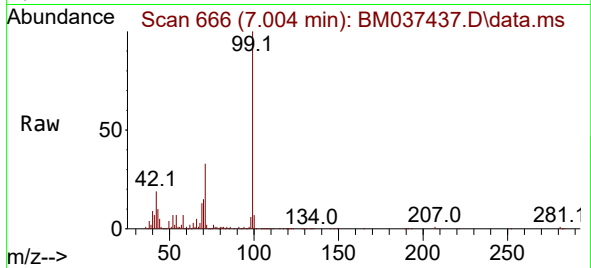




#7
Phenol-d6
Concen: 10.454 ng
RT: 7.004 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

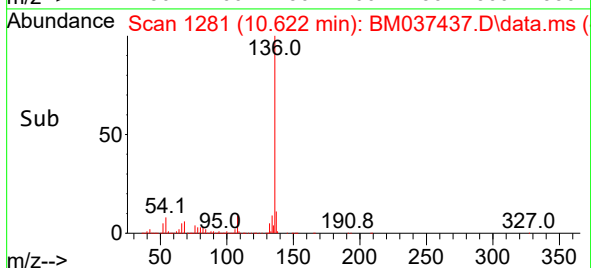
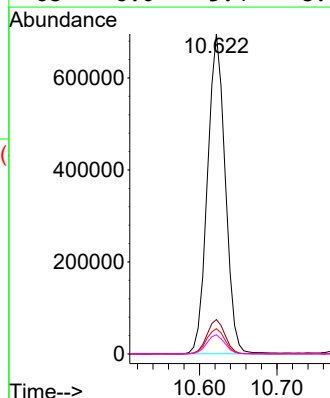
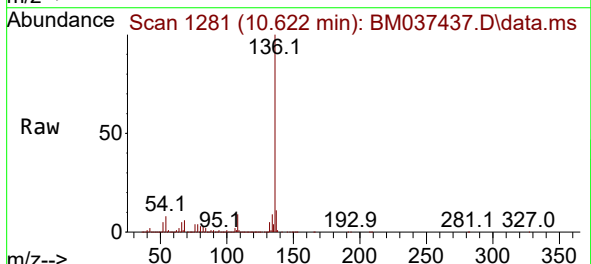
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

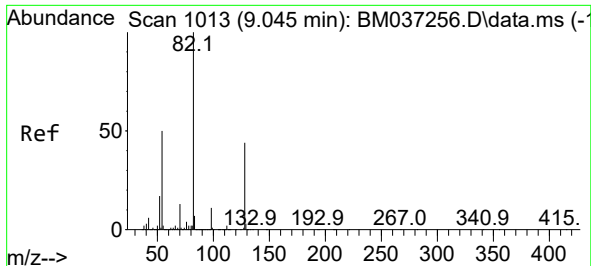
Tgt Ion: 99 Resp: 234693
Ion Ratio Lower Upper
99 100
42 18.8 14.8 22.2
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion: 136 Resp: 1108374
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.9 7.0 10.4
68 6.0 5.4 8.0

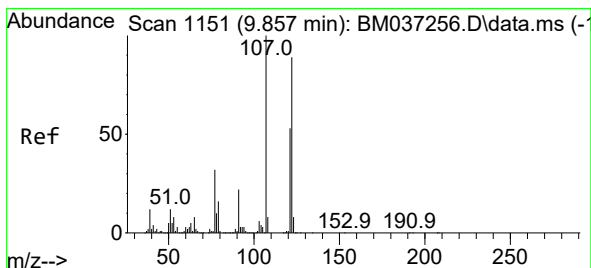
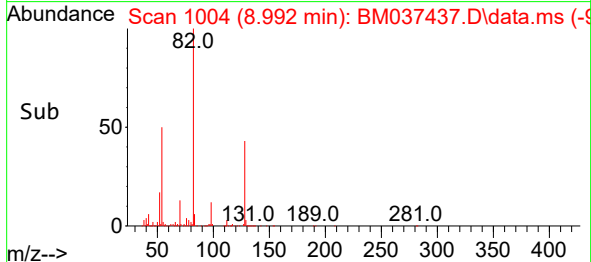
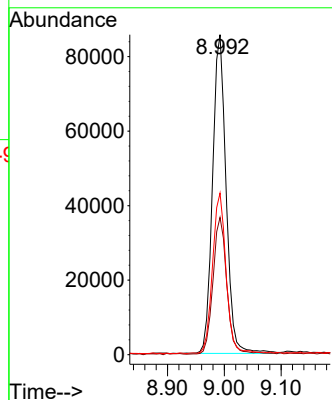
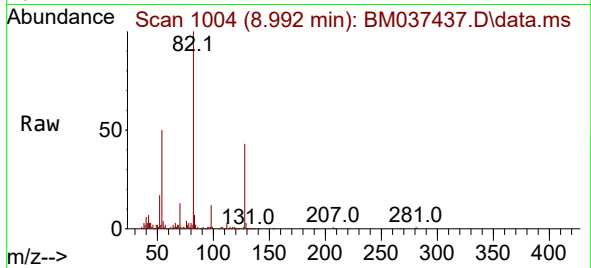




#23
Nitrobenzene-d5
Concen: 6.436 ng
RT: 8.992 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

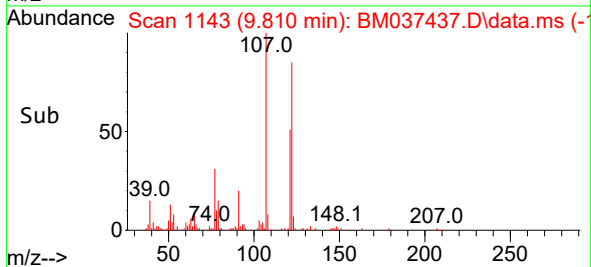
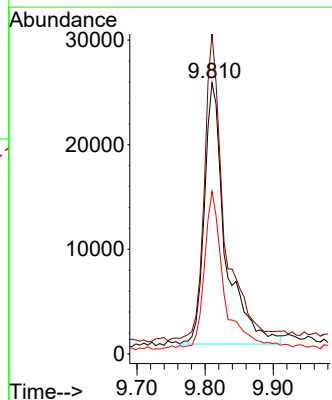
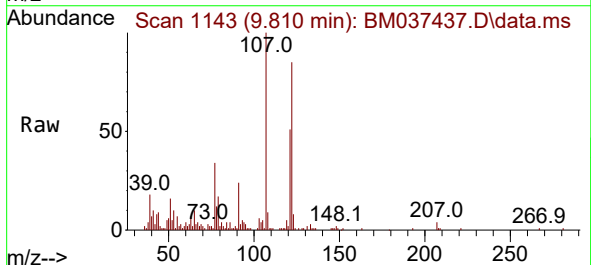
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

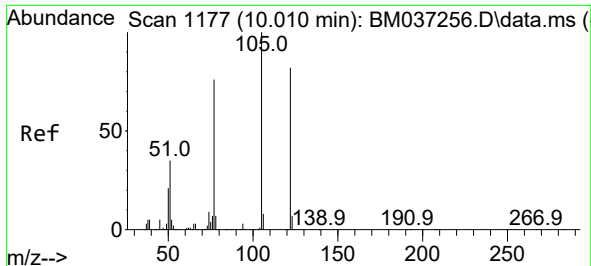
Tgt Ion: 82 Resp: 141393
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 50.5 40.4 60.6



#27
2,4-Dimethylphenol
Concen: 3.631 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:122 Resp: 53732
Ion Ratio Lower Upper
122 100
107 118.0 89.7 134.5
121 60.0 47.1 70.7

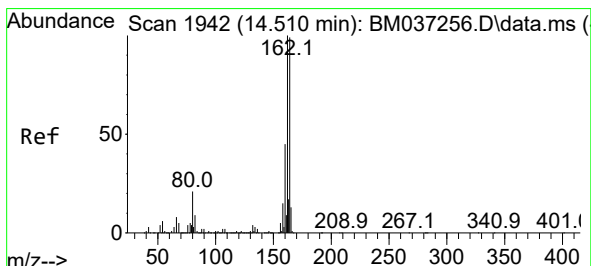
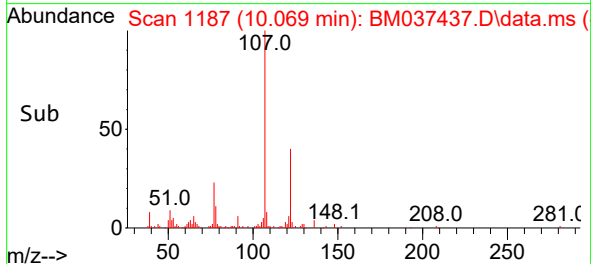
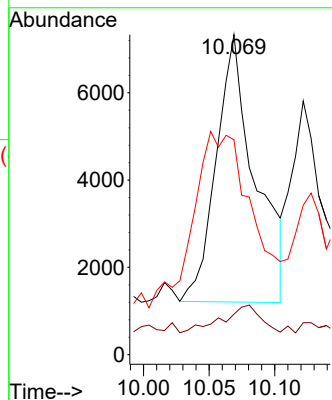
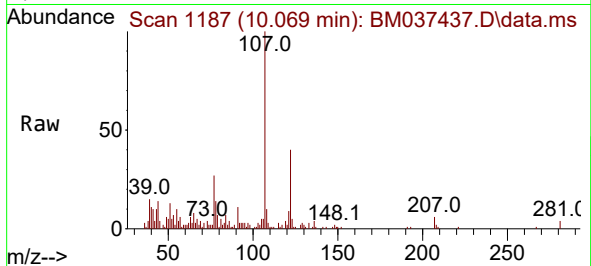




#32
Benzoic acid
Concen: 7.774 ng
RT: 10.069 min Scan# 1177
Delta R.T. 0.094 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

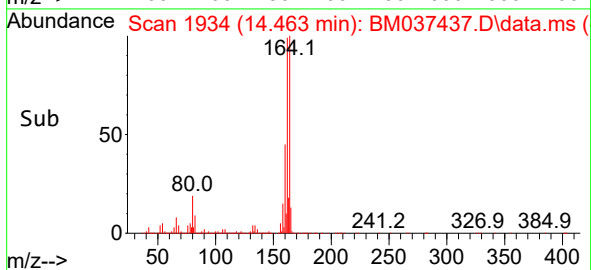
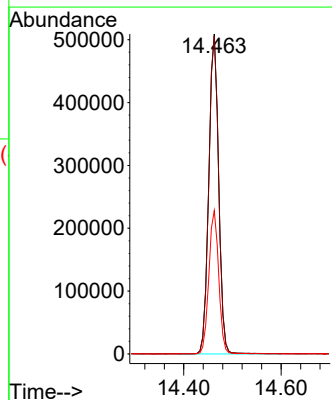
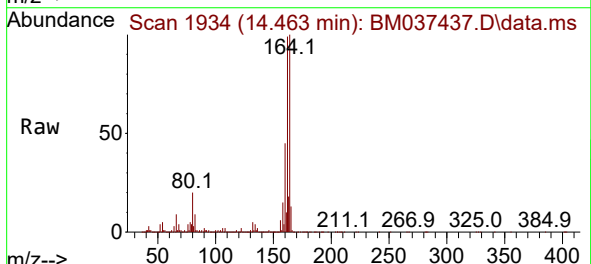
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

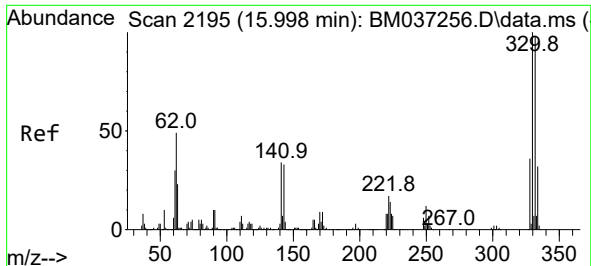
Tgt Ion:122 Resp: 12556
Ion Ratio Lower Upper
122 100
105 12.7 100.1 140.1#
77 67.2 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:164 Resp: 710683
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.8 36.2 54.4

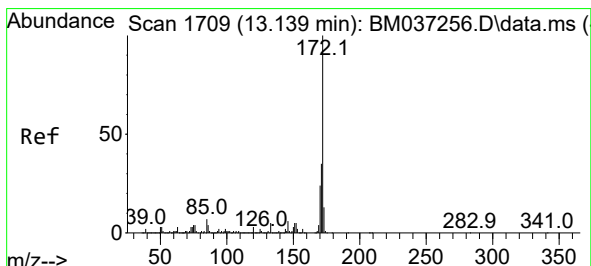
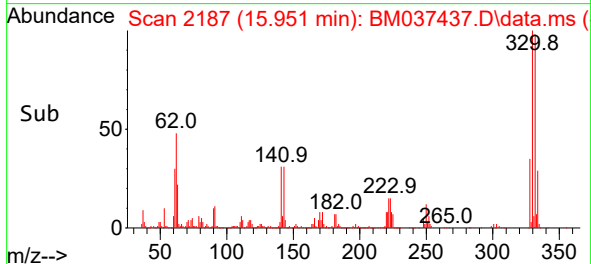
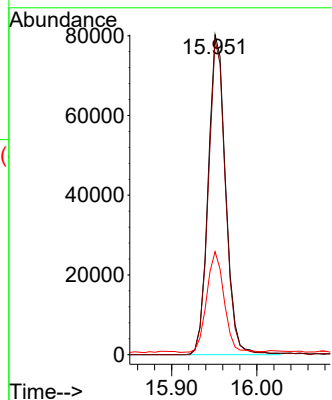
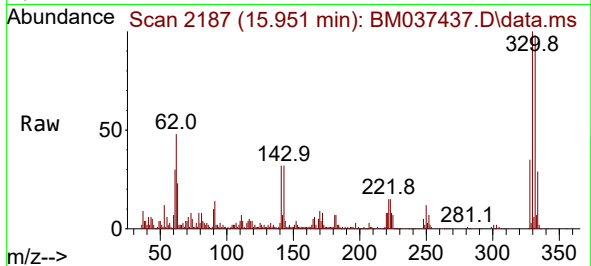




#42
2,4,6-Tribromophenol
Concen: 13.612 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

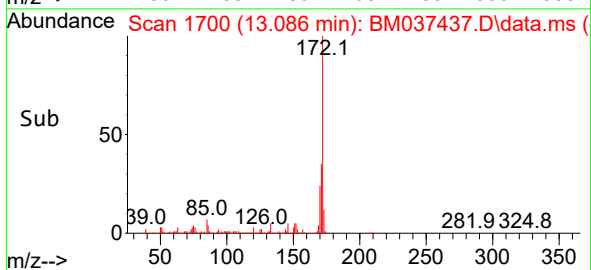
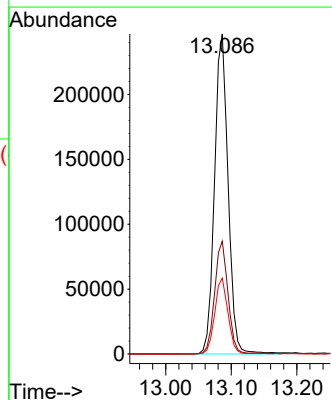
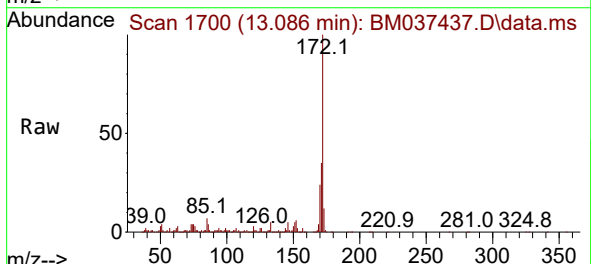
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

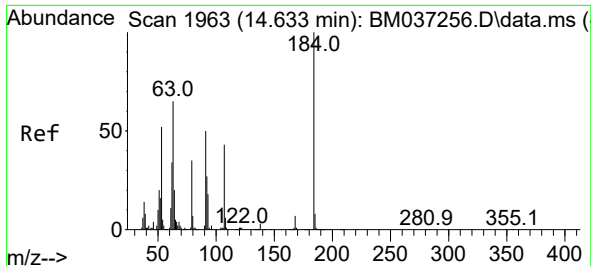
Tgt Ion:330 Resp: 114002
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.6 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 6.610 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:172 Resp: 353528
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.7 19.0 28.4

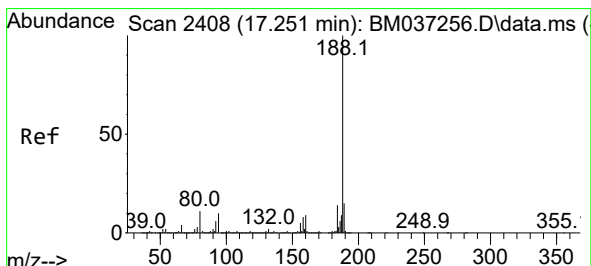
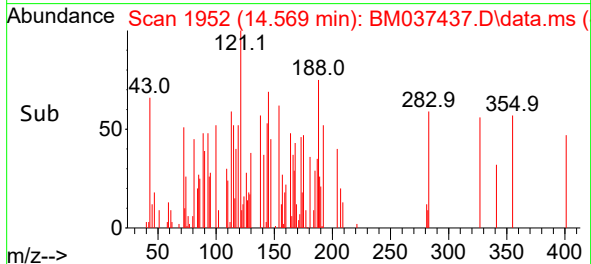
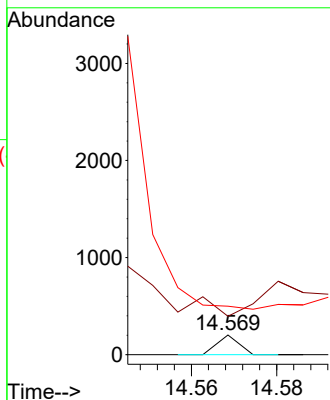
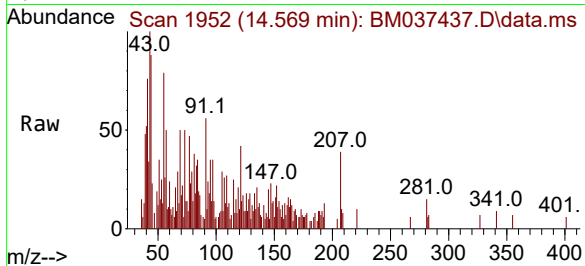




#54
2,4-Dinitrophenol
Concen: 6.454 ng
RT: 14.569 min Scan# 1963
Delta R.T. -0.023 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

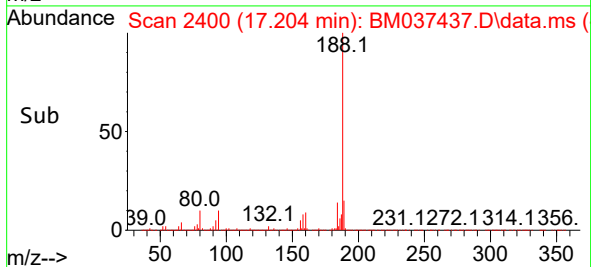
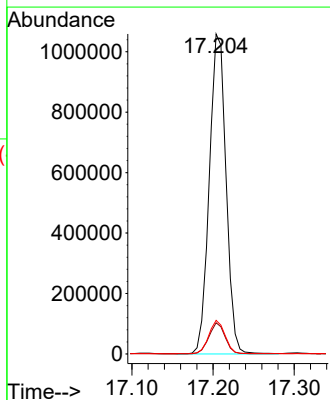
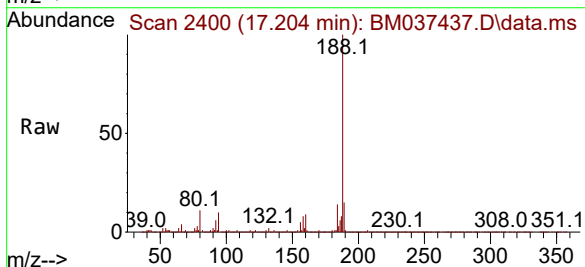
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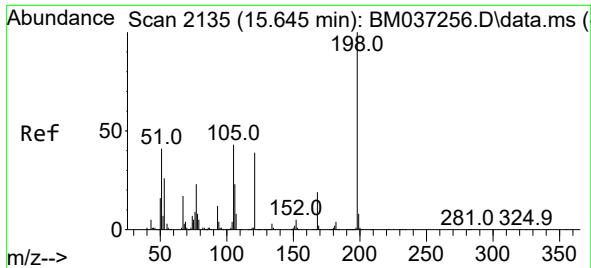
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 195.1 57.7 86.5#
154 245.8 48.3 72.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:188 Resp: 1513066
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.5 8.5 12.7

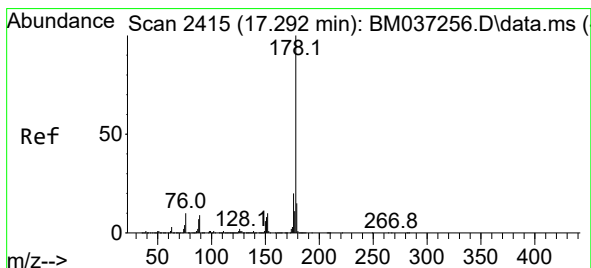
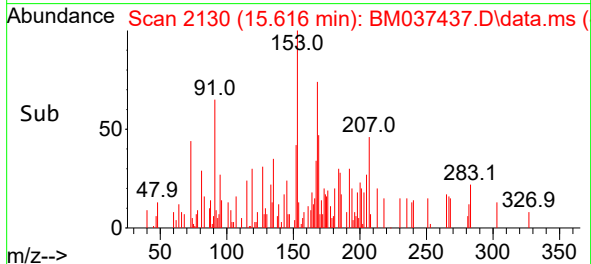
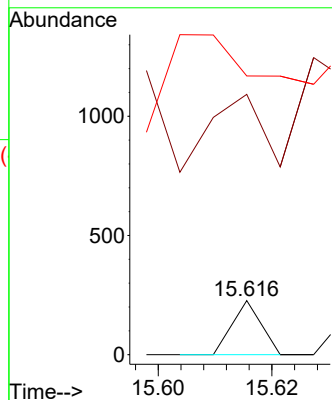
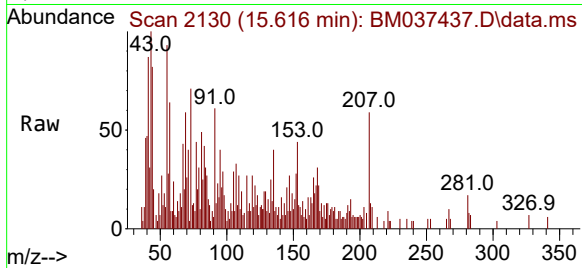




#65
4,6-Dinitro-2-methylphenol
Concen: 5.020 ng
RT: 15.616 min Scan# 2135
Delta R.T. 0.012 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

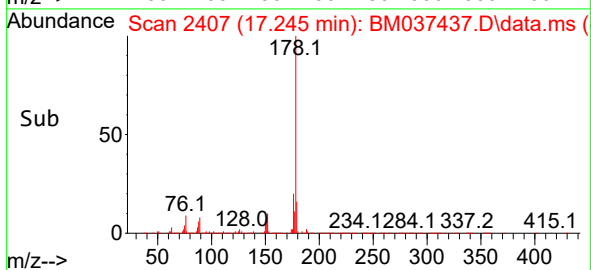
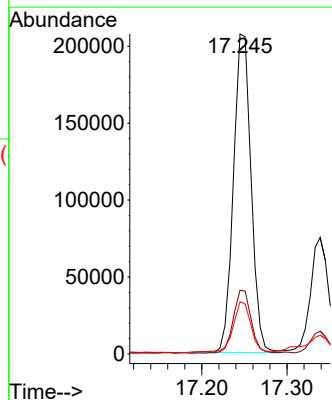
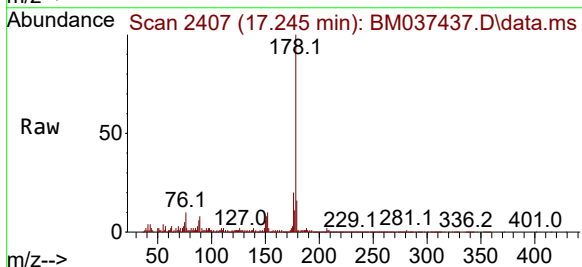
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

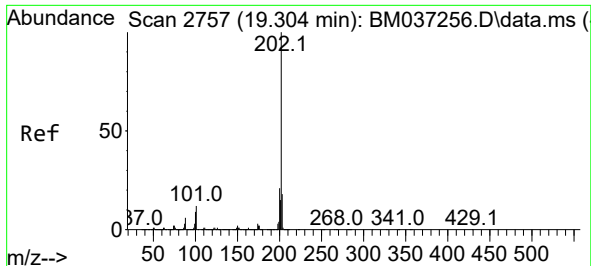
Tgt Ion:198 Resp: 80
Ion Ratio Lower Upper
198 100
51 481.1 26.8 66.8#
105 515.0 24.1 64.1#



#71
Phenanthrene
Concen: 3.185 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:178 Resp: 298947
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.3 12.4 18.6

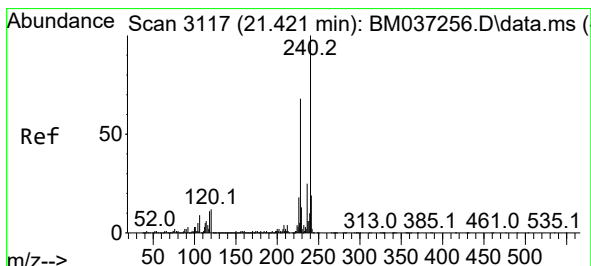
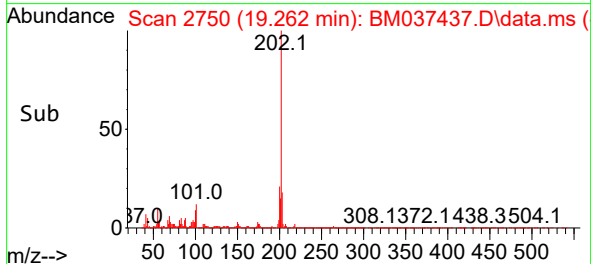
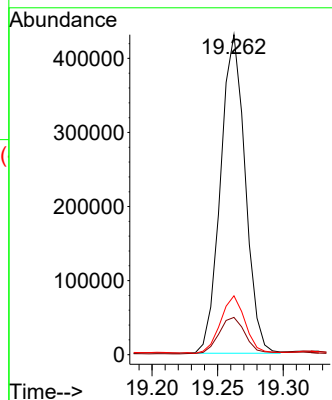
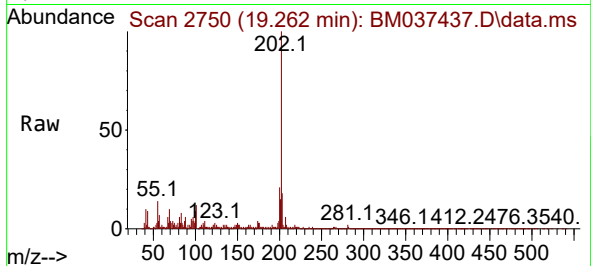




#75
Fluoranthene
Concen: 5.666 ng
RT: 19.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

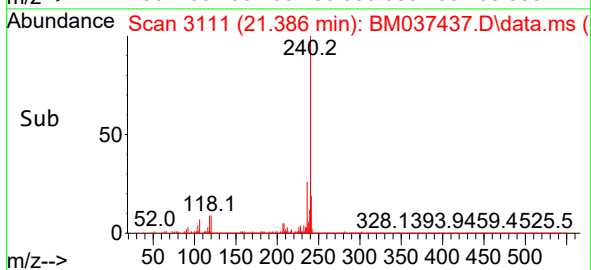
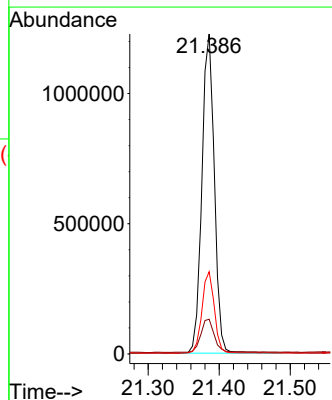
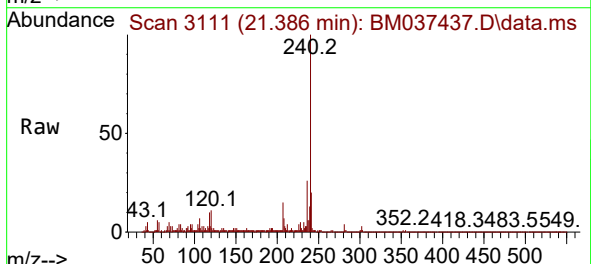
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

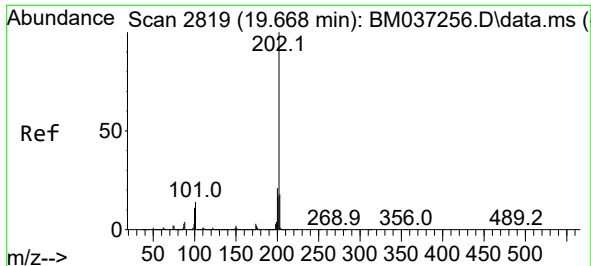
Tgt Ion:202 Resp: 562205
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 18.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:240 Resp: 1498025
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.7 20.3 30.5

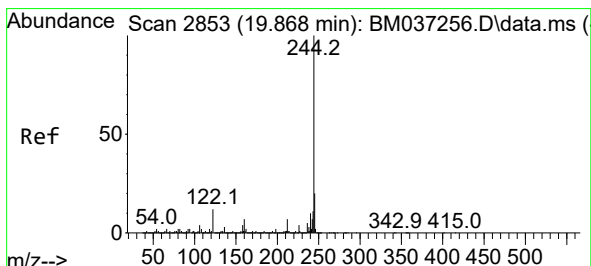
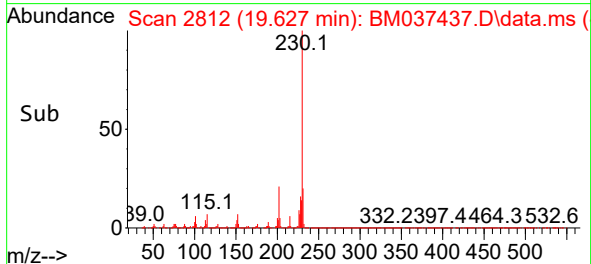
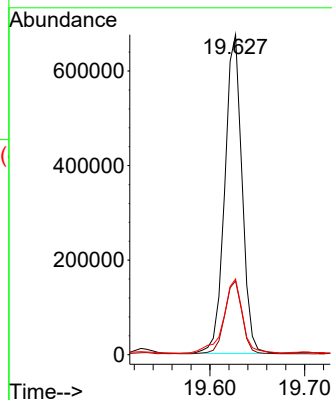
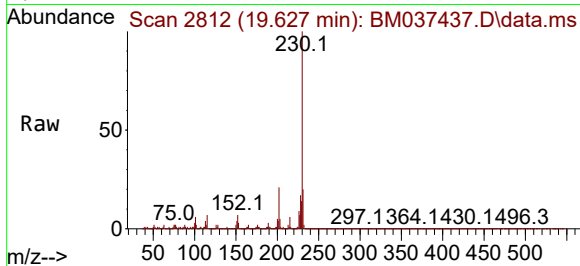




#78
Pyrene
Concen: 7.419 ng
RT: 19.627 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

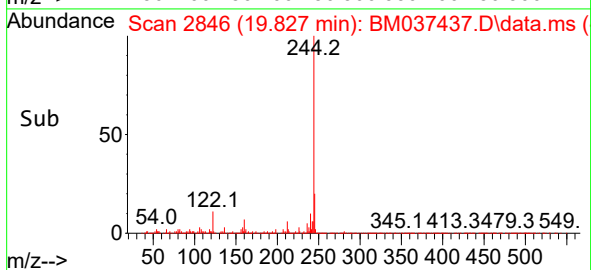
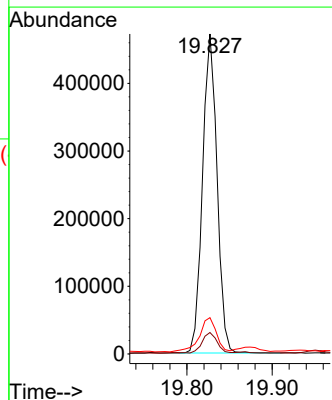
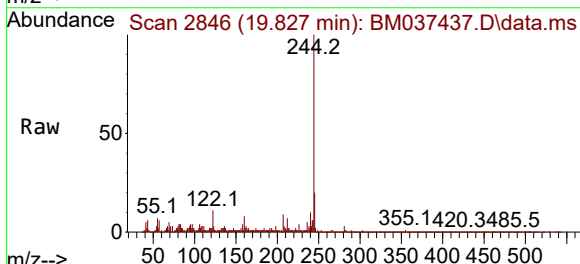
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

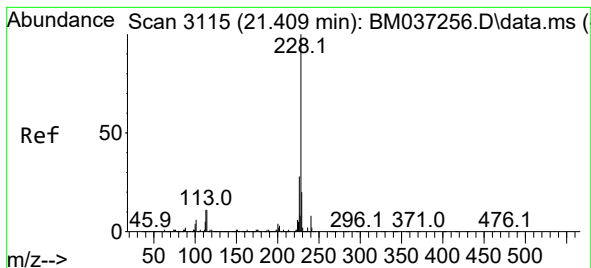
Tgt Ion:202 Resp: 854651
Ion Ratio Lower Upper
202 100
200 23.0 17.0 25.6
203 23.7 14.1 21.1#



#79
Terphenyl-d14
Concen: 6.667 ng
RT: 19.827 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:244 Resp: 556895
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.4 9.4 14.2





#81

Benzo(a)anthracene

Concen: 2.257 ng

RT: 21.368 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-08

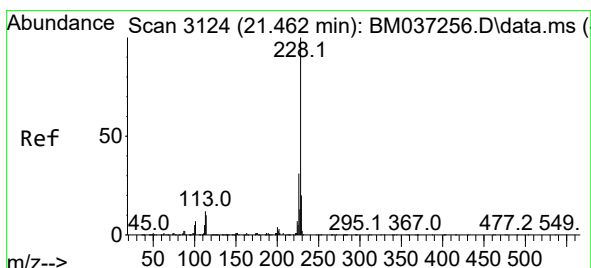
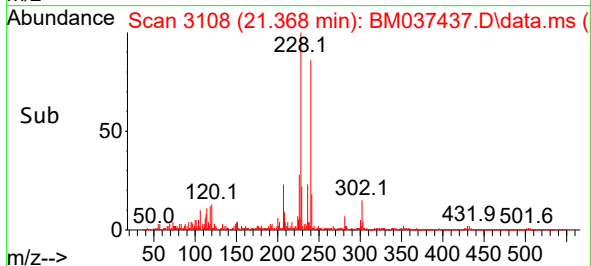
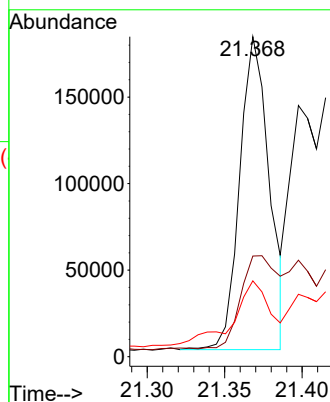
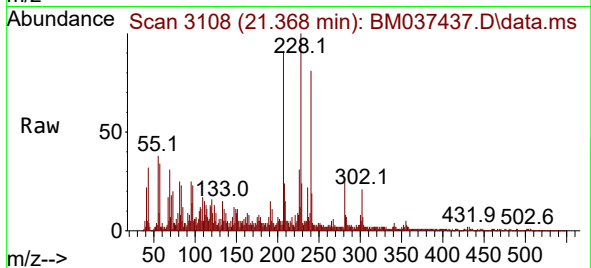
Tgt Ion:228 Resp: 240676

Ion Ratio Lower Upper

228 100

226 31.5 22.3 33.5

229 23.7 16.2 24.2



#83

Chrysene

Concen: 2.342 ng

RT: 21.368 min Scan# 3108

Delta R.T. -0.047 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

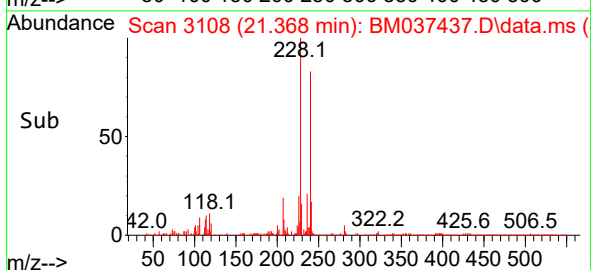
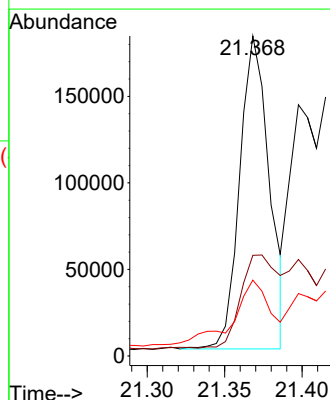
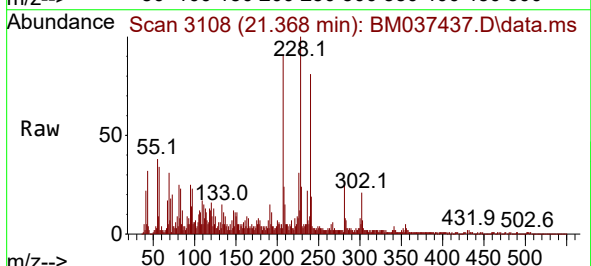
Tgt Ion:228 Resp: 240676

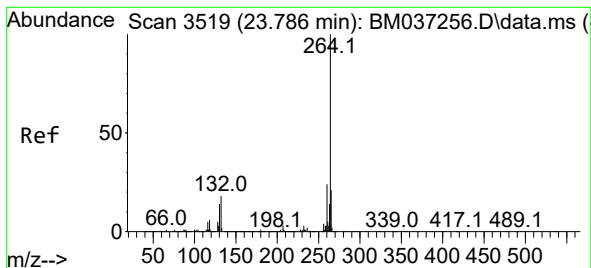
Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 23.7 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-08

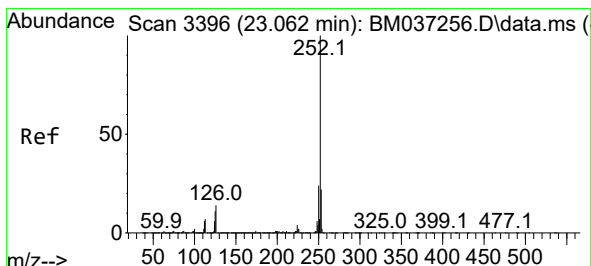
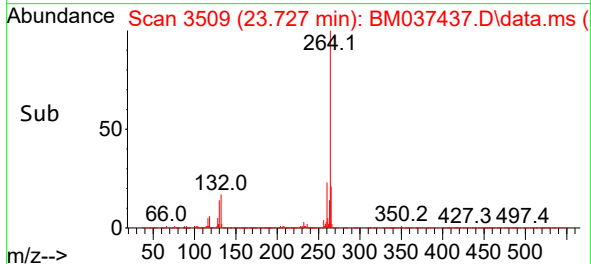
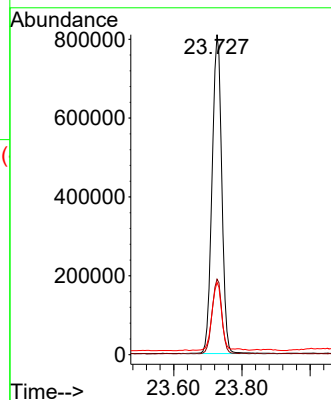
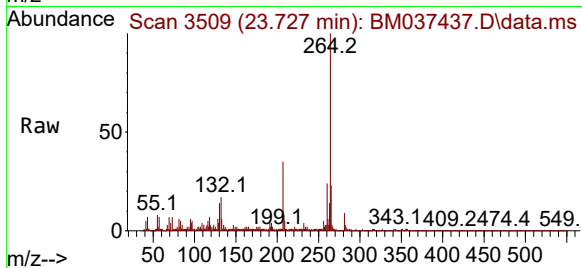
Tgt Ion:264 Resp: 1599098

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.5 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 2.665 ng

RT: 23.015 min Scan# 3388

Delta R.T. 0.012 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

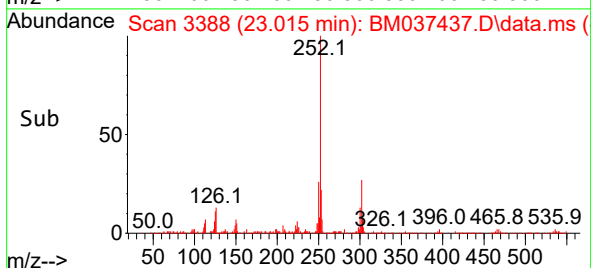
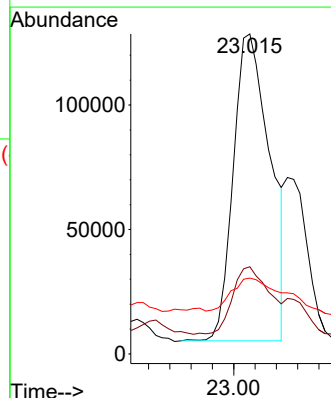
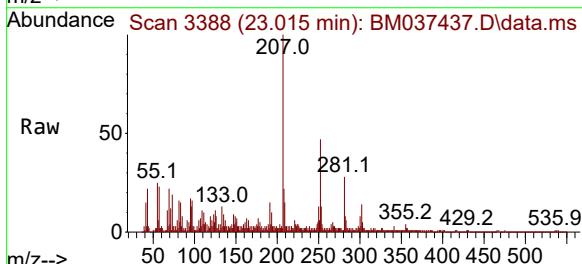
Tgt Ion:252 Resp: 295867

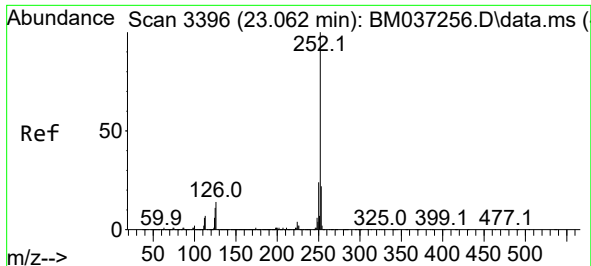
Ion Ratio Lower Upper

252 100

253 27.3 17.8 26.6#

125 23.7 9.1 13.7#

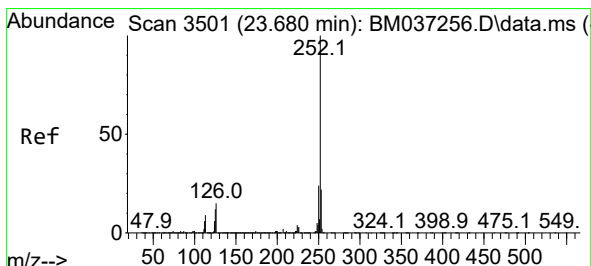
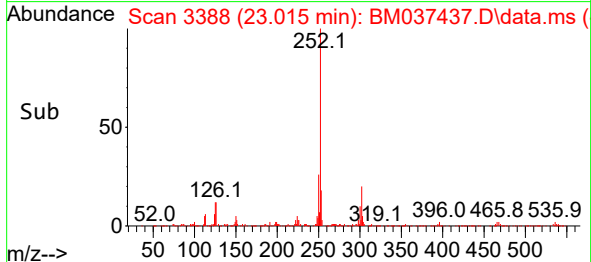
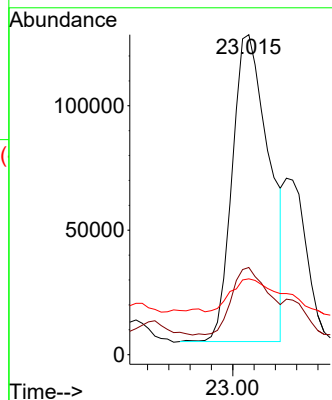
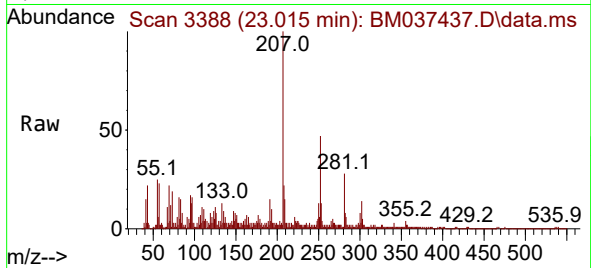




#89
Benzo(k)fluoranthene
Concen: 2.613 ng
RT: 23.015 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

Tgt Ion:252 Resp: 295867
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.6#
125 23.7 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 2.541 ng
RT: 23.621 min Scan# 3491
Delta R.T. 0.012 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:252 Resp: 229849
Ion Ratio Lower Upper
252 100
253 26.9 17.4 26.2#
125 22.6 9.9 14.9#

