

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111022\
 Data File : BM037453.D
 Acq On : 10 Nov 2022 16:09
 Operator : CG/JU
 Sample : N5436-09DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-09DL

Quant Time: Nov 10 16:56:45 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)

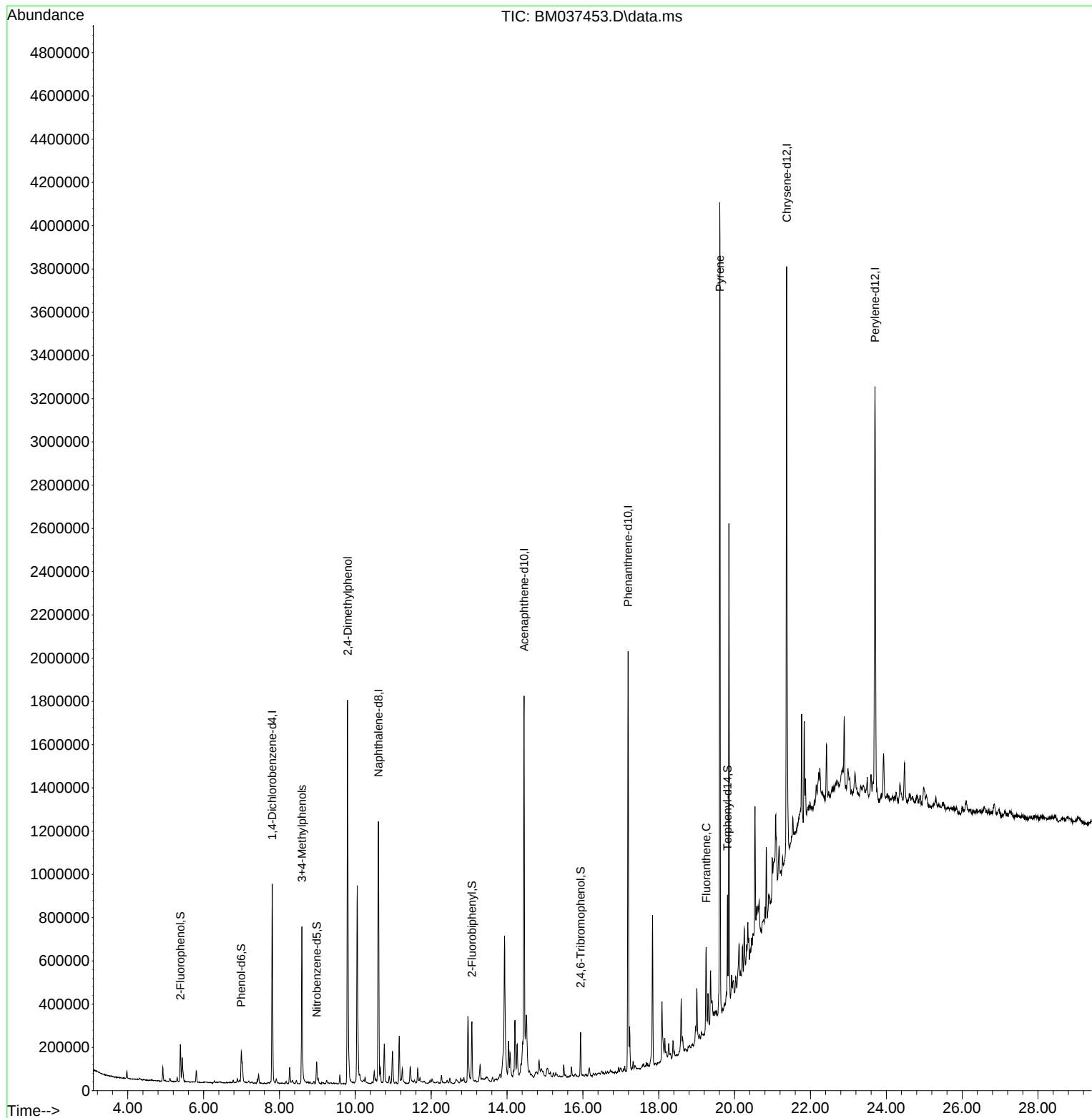
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	248196	20.000	ng	-0.01
21) Naphthalene-d8	10.610	136	959222	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	551630	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1123827	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1236120	20.000	ng	0.00
86) Perylene-d12	23.703	264	1325247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	78943	5.495	ng	0.00
7) Phenol-d6	6.992	99	93817	4.812	ng	-0.01
23) Nitrobenzene-d5	8.980	82	58281	3.065	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	36438	5.605	ng	-0.02
45) 2-Fluorobiphenyl	13.074	172	132005	3.180	ng	-0.02
79) Terphenyl-d14	19.815	244	223955	3.249	ng	-0.01
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.592	107	346775	17.682	ng	92
27) 2,4-Dimethylphenol	9.798	122	561688	43.860	ng	99
75) Fluoranthene	19.250	202	175997	2.388	ng	98
78) Pyrene	19.609	202	292106	3.073	ng	# 91

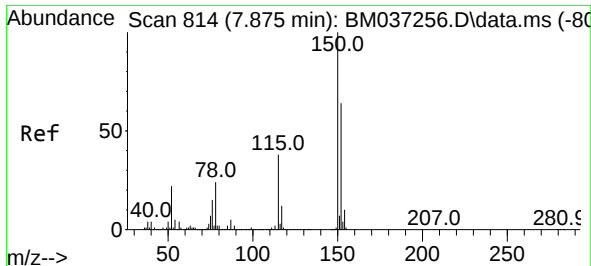
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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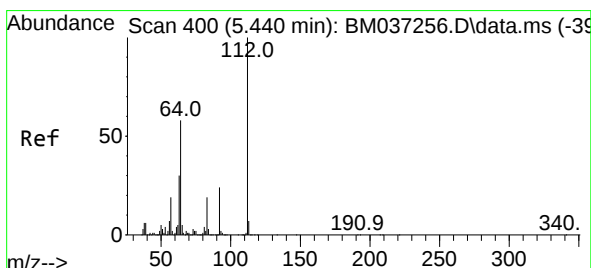
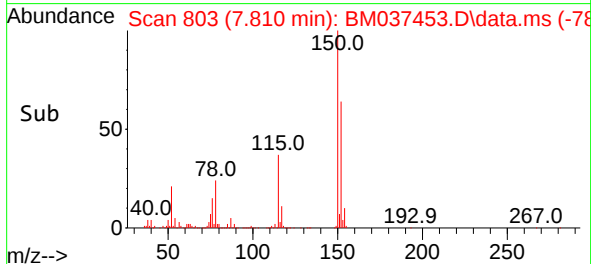
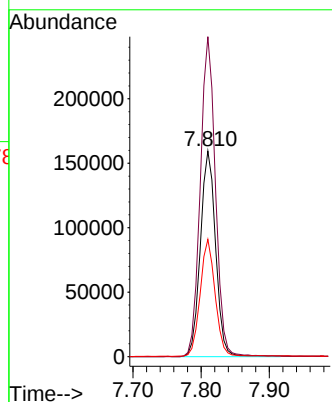
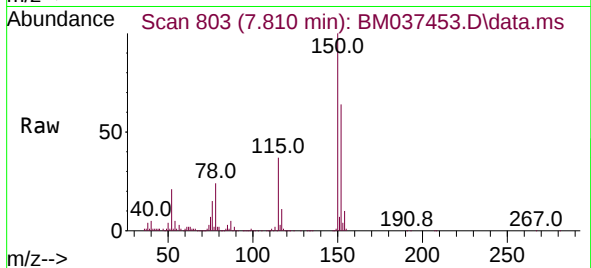




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

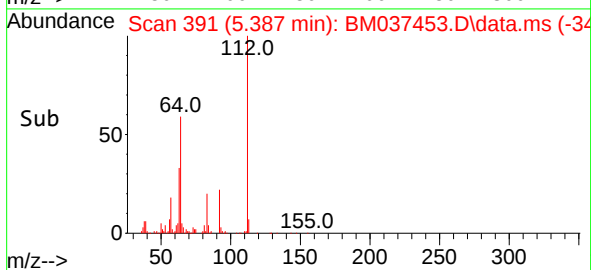
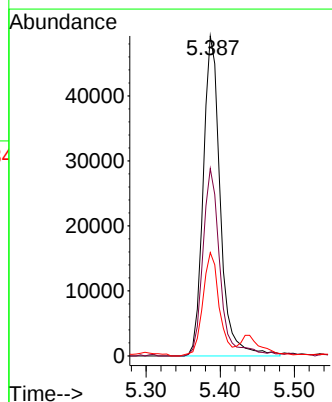
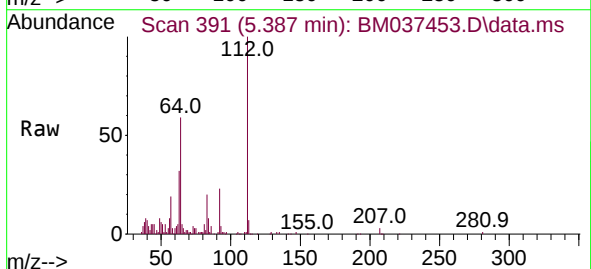
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09DL

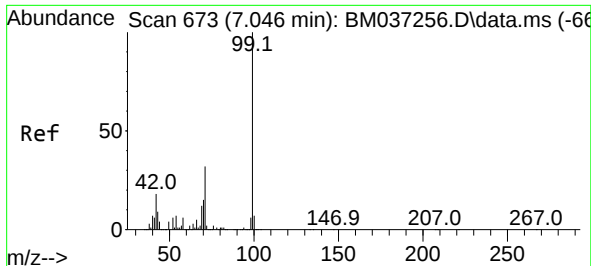
Tgt Ion:152 Resp: 248196
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 57.0 47.0 70.4



#5
2-Fluorophenol
Concen: 5.495 ng
RT: 5.387 min Scan# 391
Delta R.T. -0.006 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

Tgt Ion:112 Resp: 78943
Ion Ratio Lower Upper
112 100
64 58.5 46.8 70.2
63 32.3 24.4 36.6

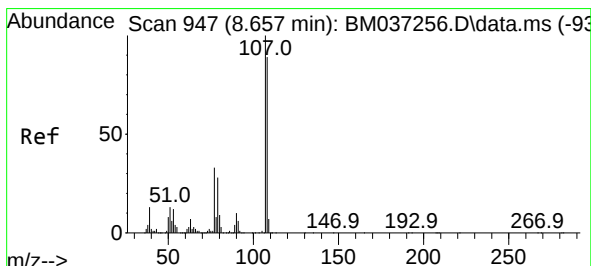
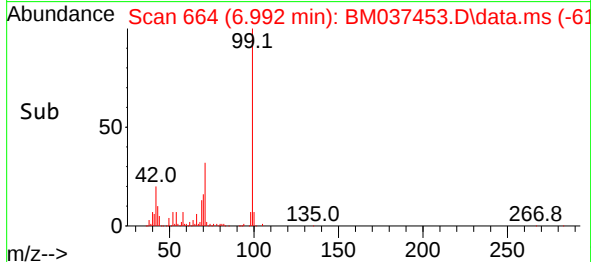
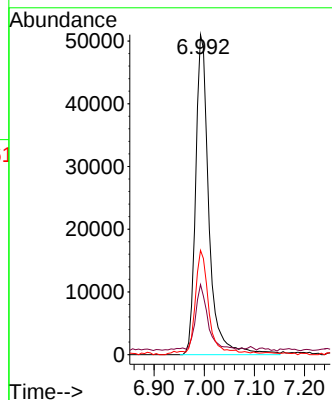
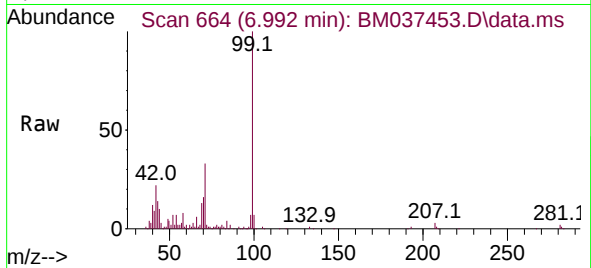




#7
Phenol-d6
Concen: 4.812 ng
RT: 6.992 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

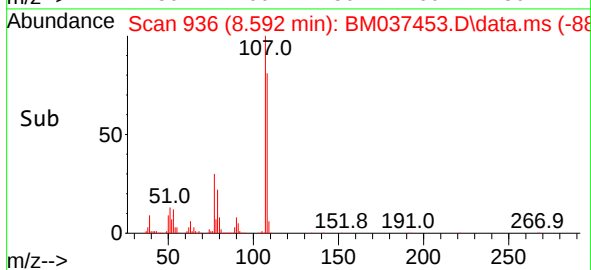
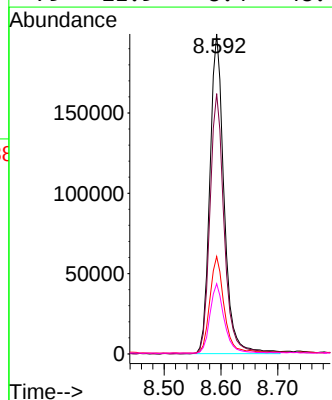
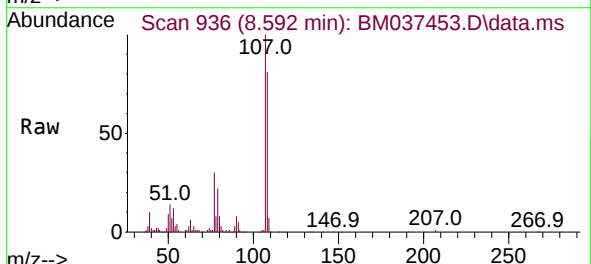
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09DL

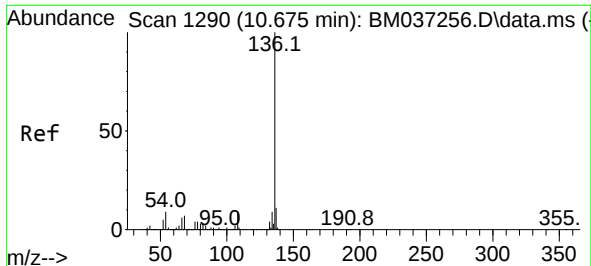
Tgt Ion: 99 Resp: 93817
Ion Ratio Lower Upper
99 100
42 21.9 14.8 22.2
71 32.6 25.6 38.4



#20
3+4-Methylphenols
Concen: 17.682 ng
RT: 8.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

Tgt Ion: 107 Resp: 346775
Ion Ratio Lower Upper
107 100
108 81.3 69.4 109.4
77 30.4 12.8 52.8
79 21.9 8.4 48.4

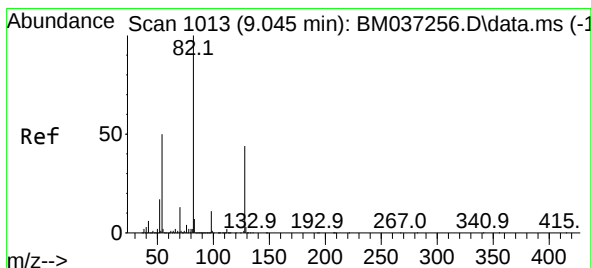
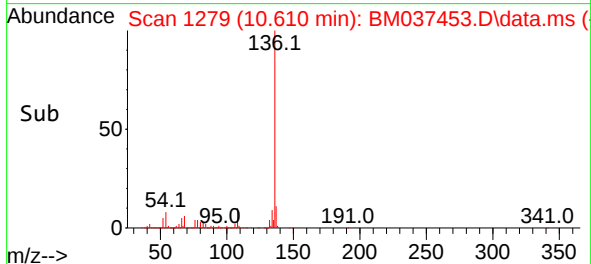
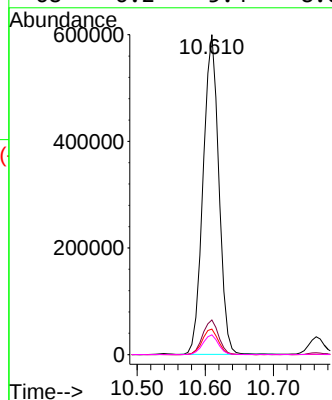
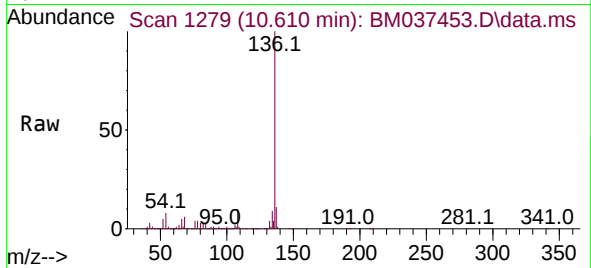




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

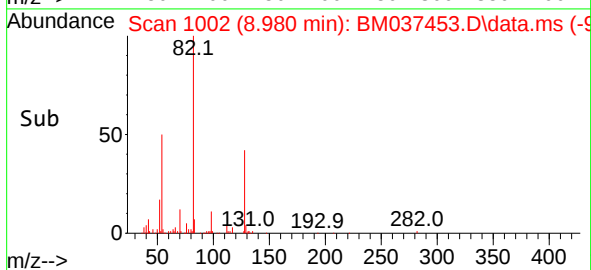
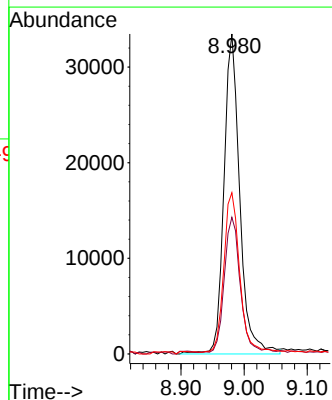
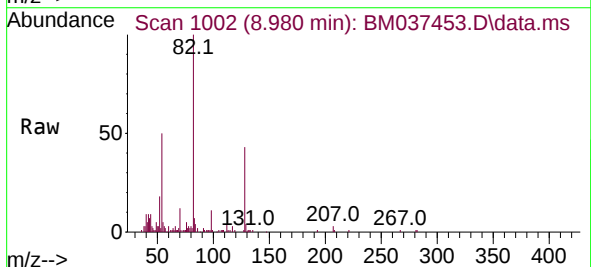
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09DL

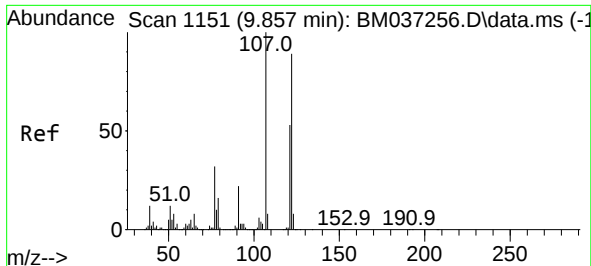
Tgt Ion:	136	Resp:	959222
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	8.0	7.0	10.4
68	6.2	5.4	8.0



#23
Nitrobenzene-d5
Concen: 3.065 ng
RT: 8.980 min Scan# 1002
Delta R.T. -0.018 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

Tgt Ion:	82	Resp:	58281
Ion Ratio	Lower	Upper	
82	100		
128	42.7	35.2	52.8
54	50.4	40.4	60.6





#27

2,4-Dimethylphenol

Concen: 43.860 ng

RT: 9.798 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BM037453.D

Acq: 10 Nov 2022 16:09

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-09DL

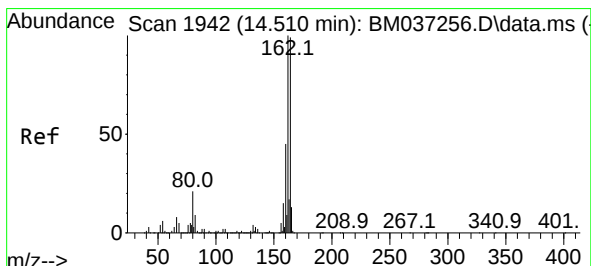
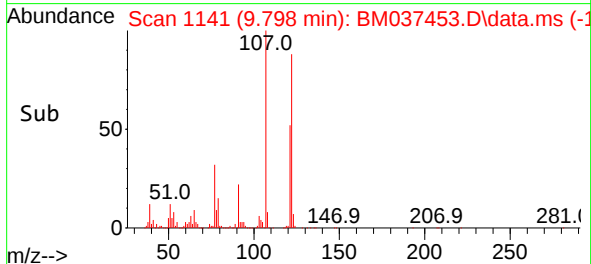
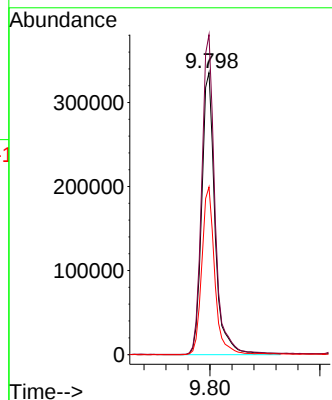
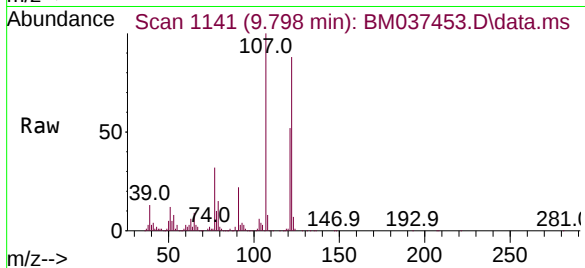
Tgt Ion:122 Resp: 561688

Ion Ratio Lower Upper

122 100

107 113.5 89.7 134.5

121 59.4 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BM037453.D

Acq: 10 Nov 2022 16:09

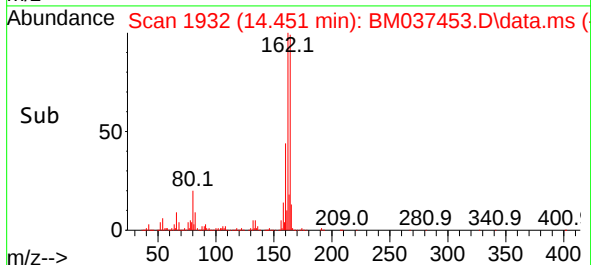
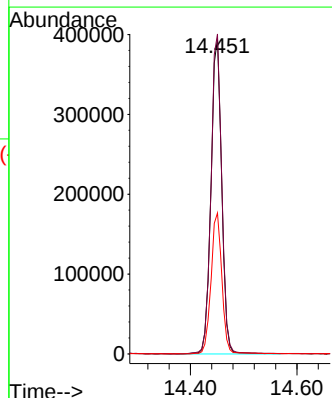
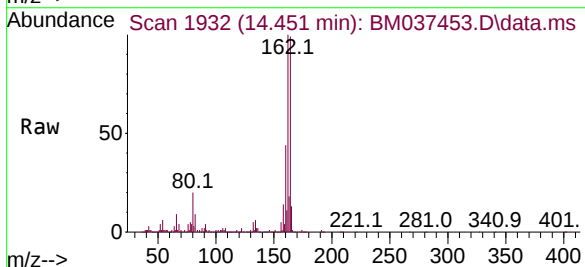
Tgt Ion:164 Resp: 551630

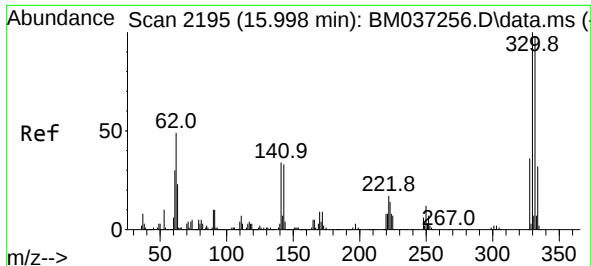
Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 44.6 36.2 54.4

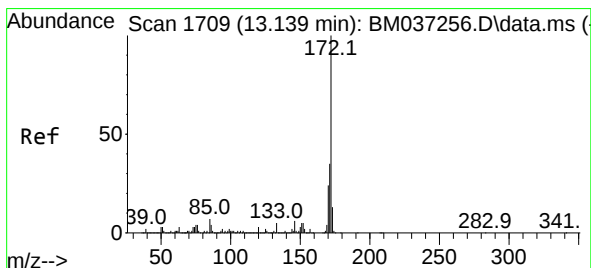
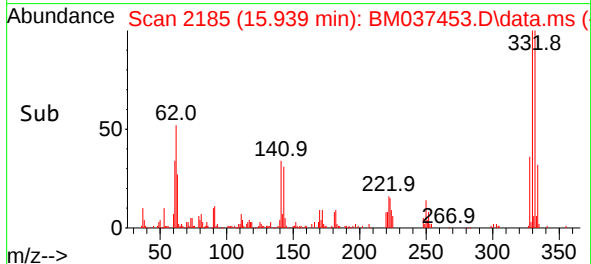
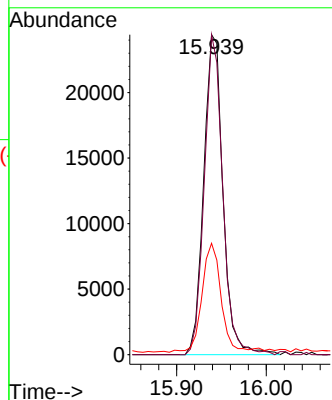
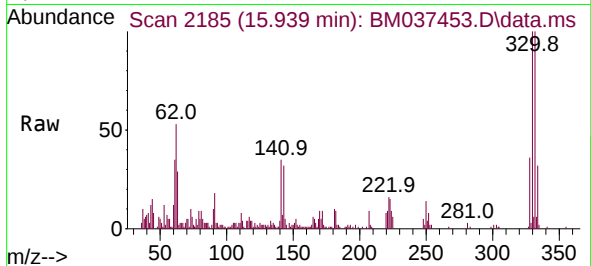




#42
2,4,6-Tribromophenol
Concen: 5.605 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

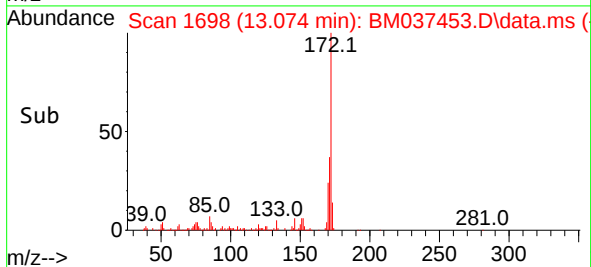
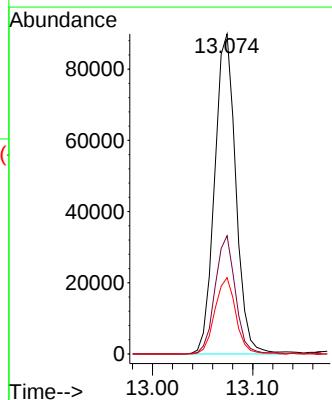
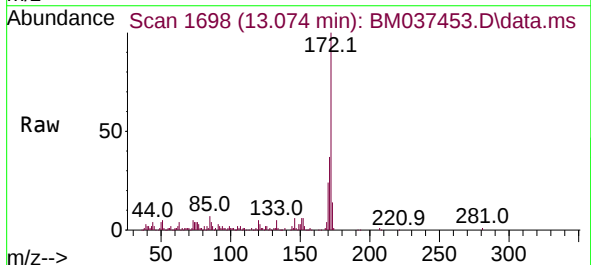
Instrument :
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250FERRYBLVD-TFS-09DL

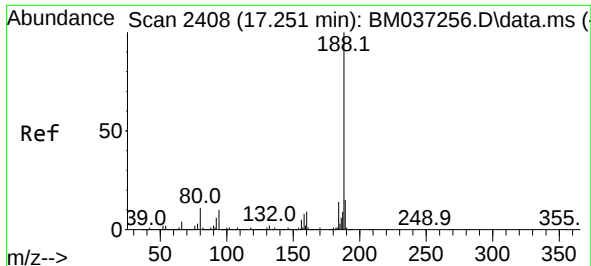
Tgt Ion:330 Resp: 36438
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 33.5 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 3.180 ng
RT: 13.074 min Scan# 1698
Delta R.T. -0.018 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

Tgt Ion:172 Resp: 132005
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.8 19.0 28.4

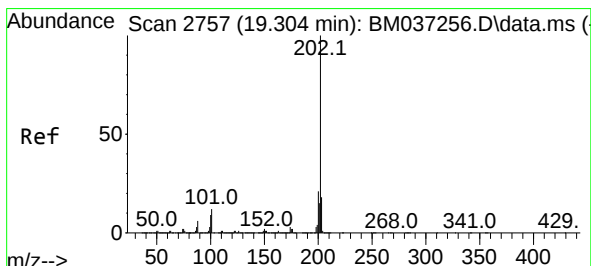
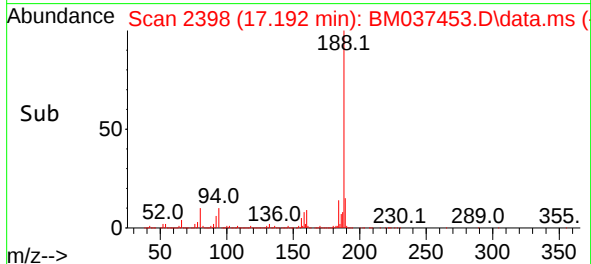
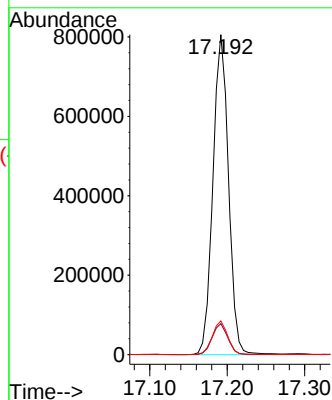
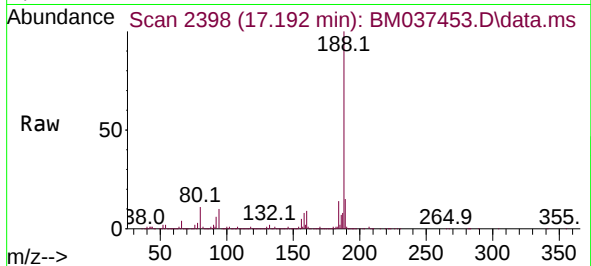




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

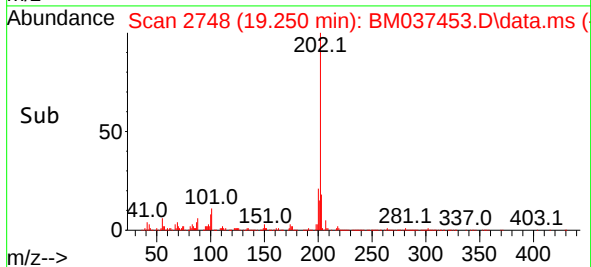
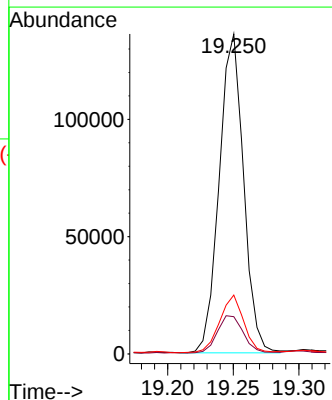
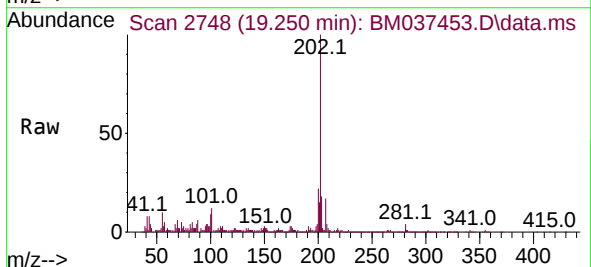
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250FERRYBLVD-TFS-09DL

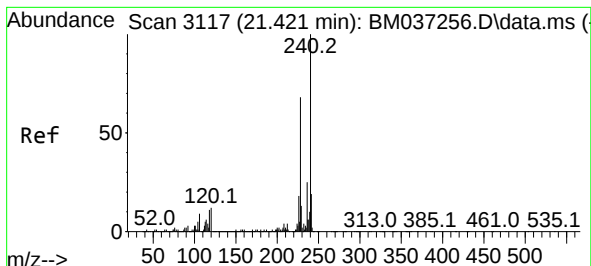
Tgt Ion:188 Resp: 1123827
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.5 8.5 12.7



#75
Fluoranthene
Concen: 2.388 ng
RT: 19.250 min Scan# 2748
Delta R.T. -0.012 min
Lab File: BM037453.D
Acq: 10 Nov 2022 16:09

Tgt Ion:202 Resp: 175997
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 18.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037453.D

Acq: 10 Nov 2022 16:09

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-09DL

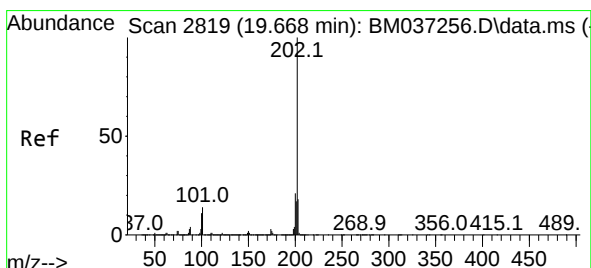
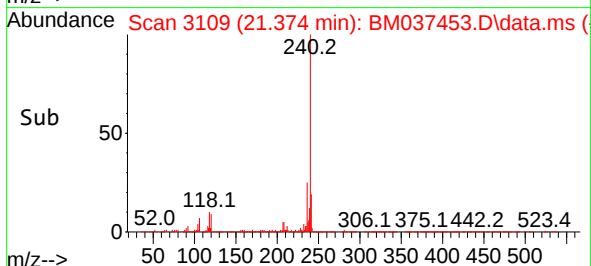
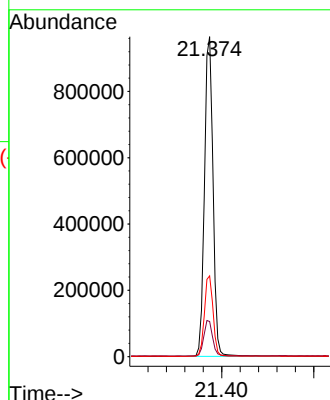
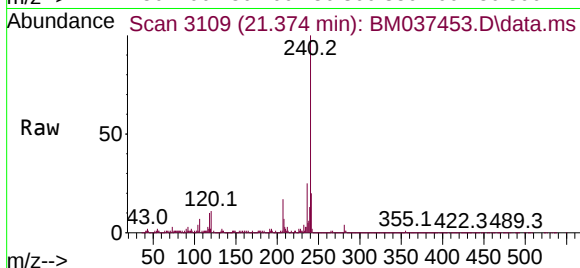
Tgt Ion:240 Resp: 1236120

Ion Ratio Lower Upper

240 100

120 11.0 9.9 14.9

236 25.2 20.3 30.5



#78

Pyrene

Concen: 3.073 ng

RT: 19.609 min Scan# 2809

Delta R.T. -0.012 min

Lab File: BM037453.D

Acq: 10 Nov 2022 16:09

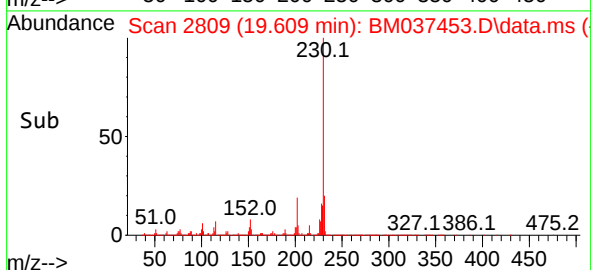
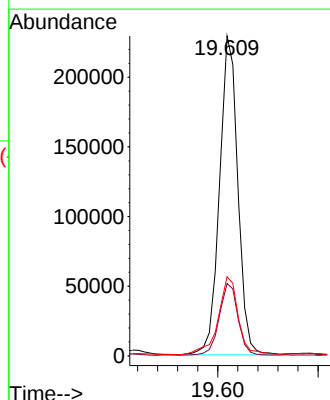
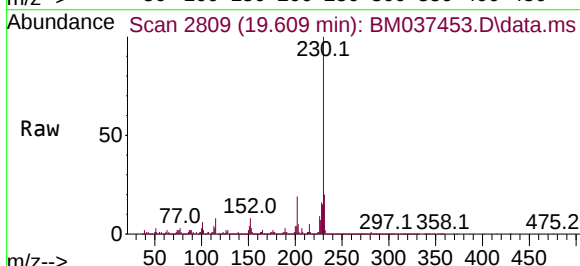
Tgt Ion:202 Resp: 292106

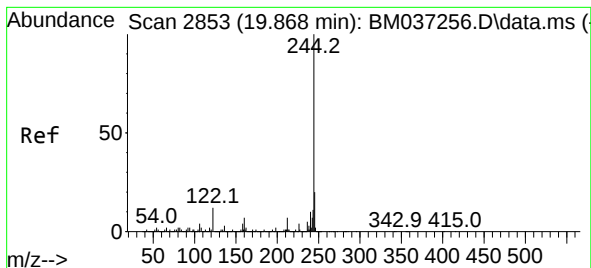
Ion Ratio Lower Upper

202 100

200 22.6 17.0 25.6

203 24.7 14.1 21.1#





#79

Terphenyl-d14

Concen: 3.249 ng

RT: 19.815 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM037453.D

Acq: 10 Nov 2022 16:09

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-09DL

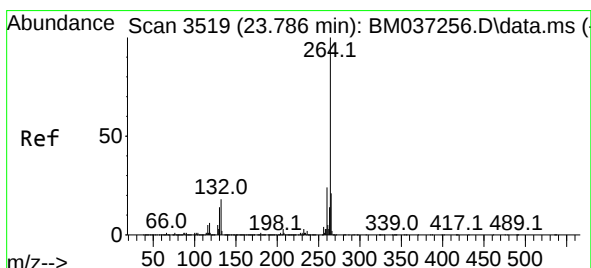
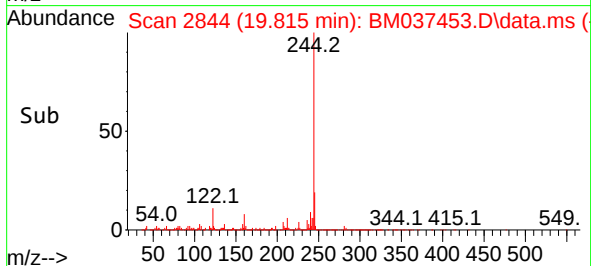
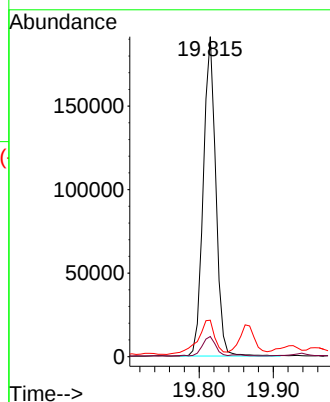
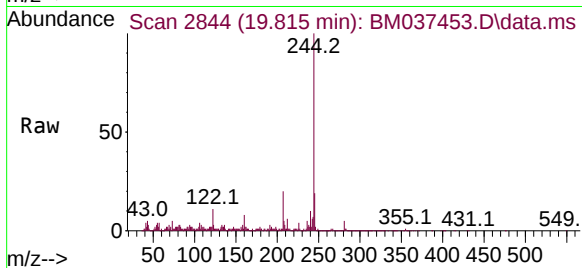
Tgt Ion:244 Resp: 223955

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 11.4 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.703 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BM037453.D

Acq: 10 Nov 2022 16:09

Tgt Ion:264 Resp: 1325247

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.2 17.7 26.5

