

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038777.D
 Acq On : 17 Feb 2023 16:24
 Operator : CG/JU
 Sample : PB150890BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL

Quant Time: Feb 17 23:21:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 23:12:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	45746	20.000	ng	-0.03
21) Naphthalene-d8	10.692	136	158895	20.000	ng	-0.03
39) Acenaphthene-d10	14.533	164	95193	20.000	ng	-0.03
64) Phenanthrene-d10	17.280	188	178871	20.000	ng	#-0.02
76) Chrysene-d12	21.462	240	166814	20.000	ng	-0.03
86) Perylene-d12	23.850	264	230330	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	319088	136.638	ng	-0.03
7) Phenol-d6	7.057	99	360899	135.501	ng	-0.03
23) Nitrobenzene-d5	9.057	82	210968	75.415	ng	-0.04
42) 2,4,6-Tribromophenol	16.027	330	148802	115.004	ng	-0.03
45) 2-Fluorobiphenyl	13.157	172	582491	77.902	ng	-0.03
79) Terphenyl-d14	19.903	244	834510	88.280	ng	-0.02

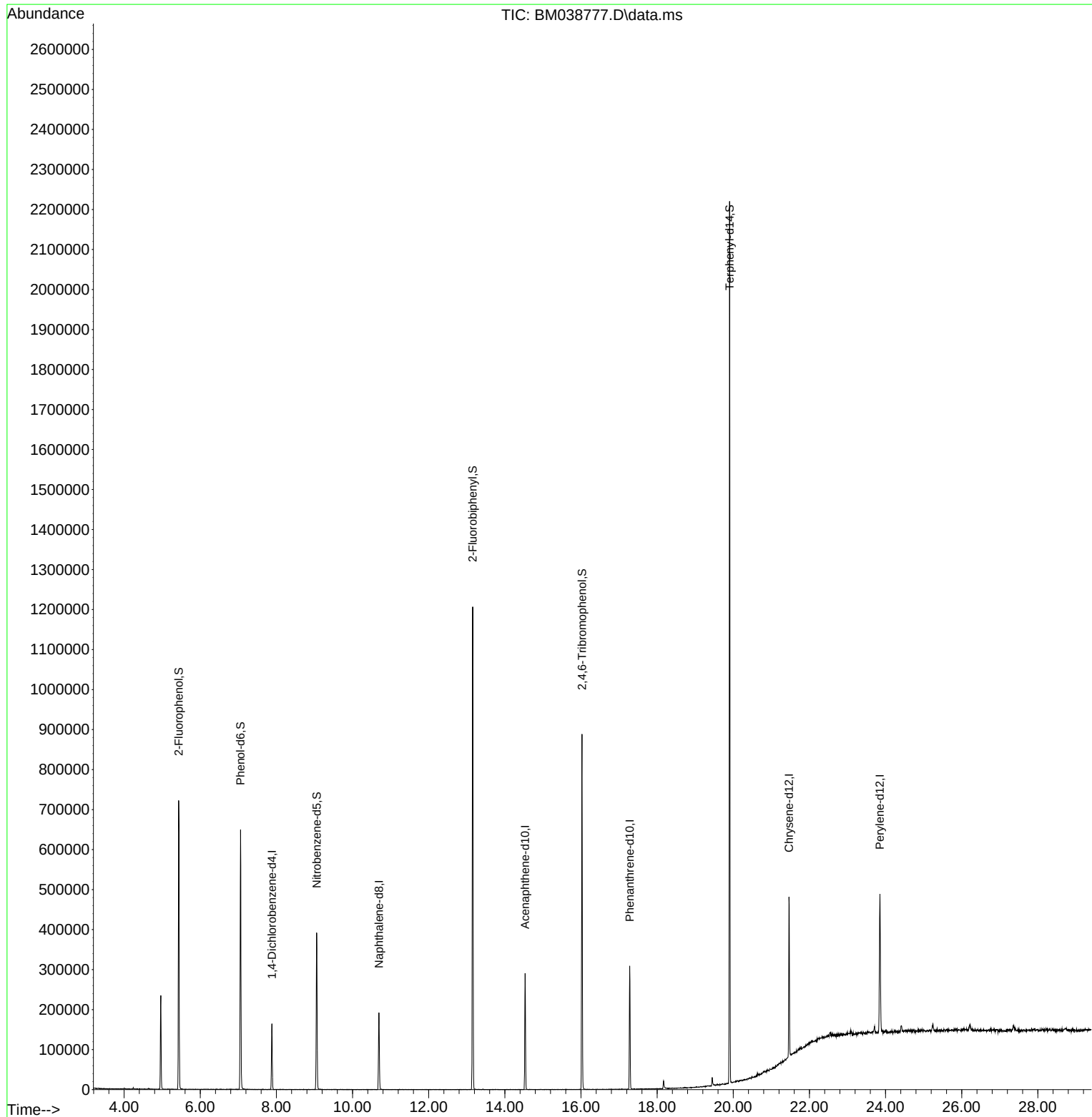
Target Compounds	Qvalue

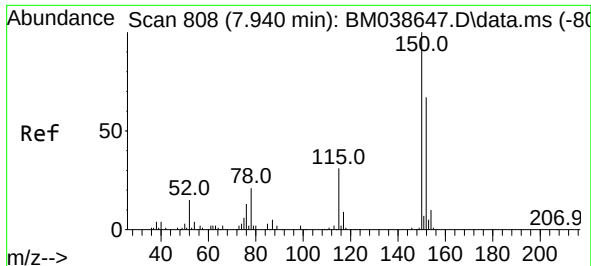
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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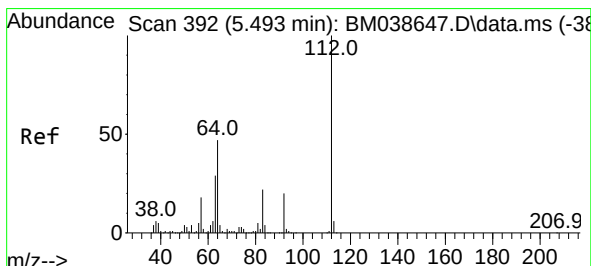
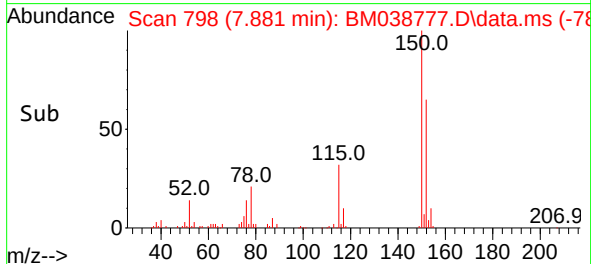
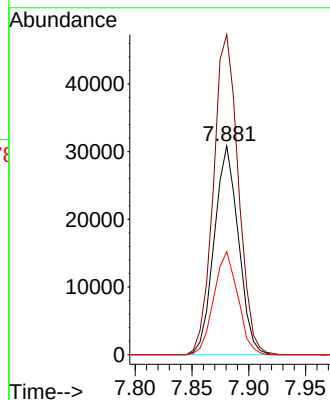
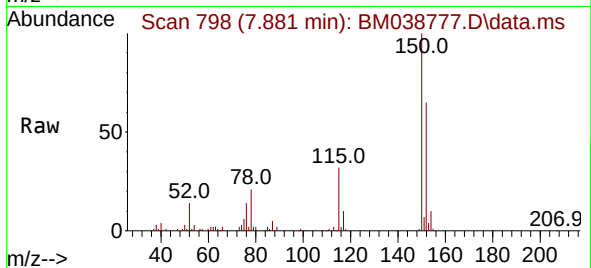




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 71
Delta R.T. -0.029 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

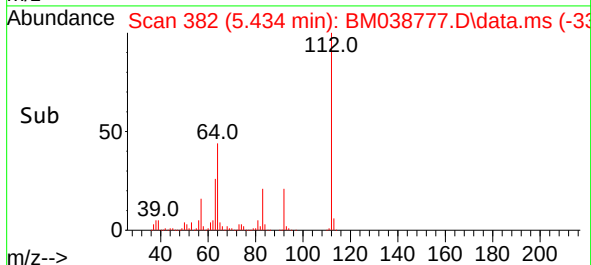
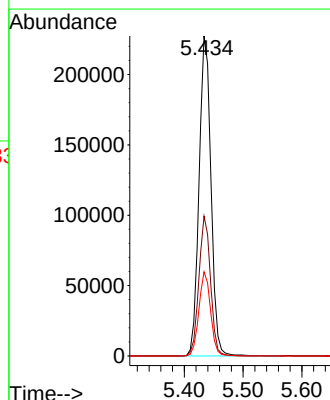
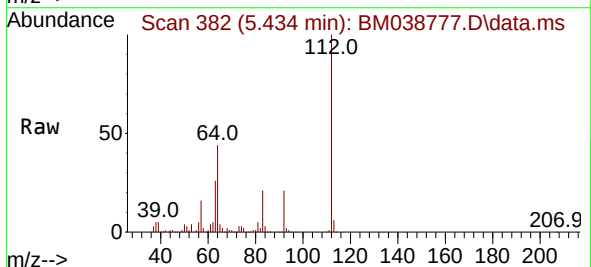
Instrument :
BNA_M
ClientSampleId :
PB150890BL

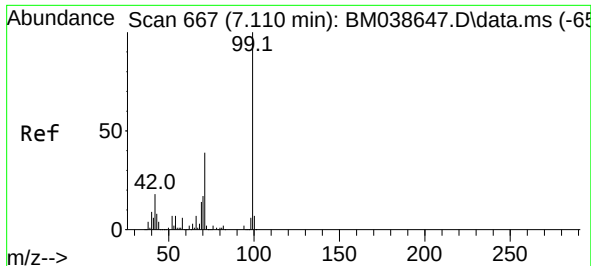
Tgt Ion:152 Resp: 45746
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 49.3 37.6 56.4



#5
2-Fluorophenol
Concen: 136.638 ng
RT: 5.434 min Scan# 382
Delta R.T. -0.030 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

Tgt Ion:112 Resp: 319088
Ion Ratio Lower Upper
112 100
64 43.7 37.9 56.9
63 26.3 23.3 34.9

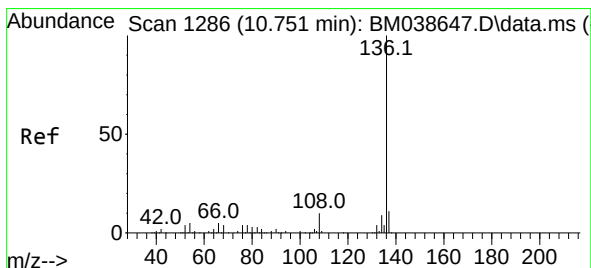
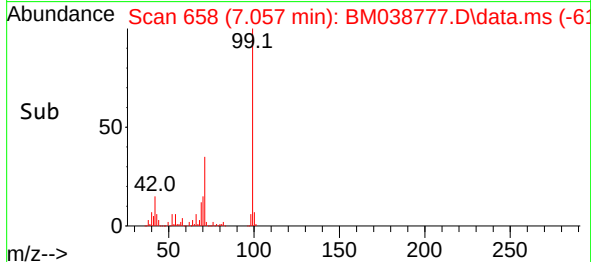
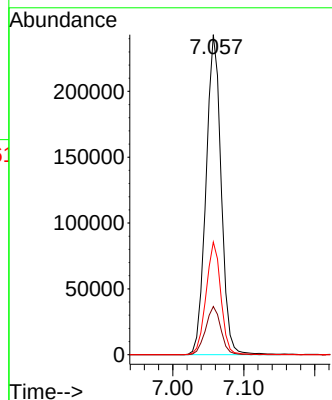
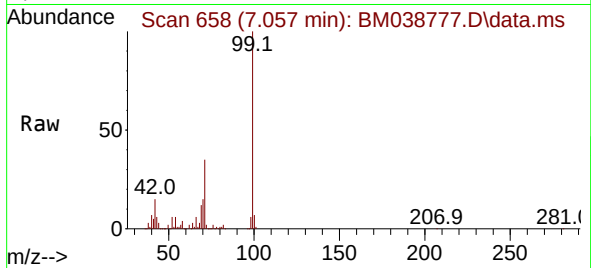




#7
Phenol-d6
Concen: 135.501 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.030 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

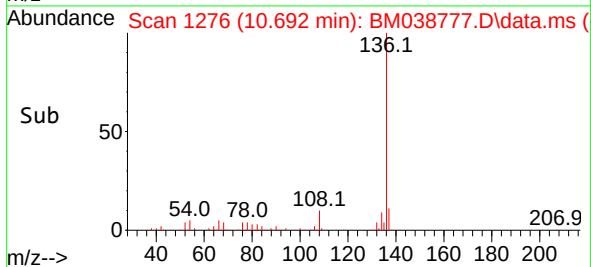
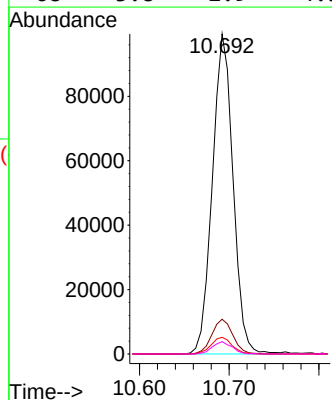
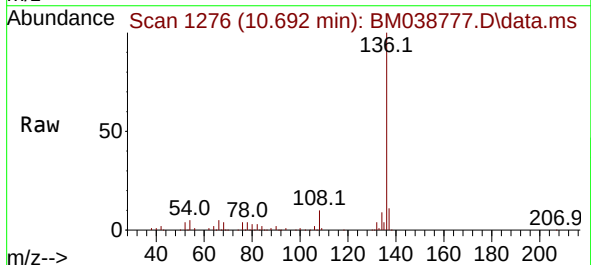
Instrument :
BNA_M
ClientSampleId :
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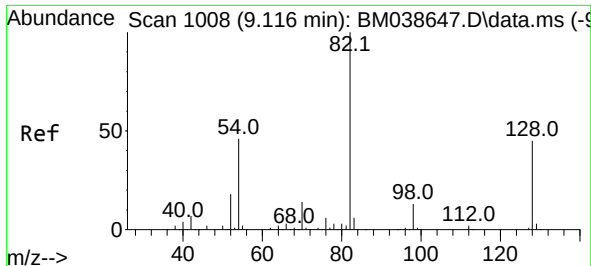
Tgt Ion: 99 Resp: 360899
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 35.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. -0.030 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

Tgt Ion:136 Resp: 158895
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.2 4.2 6.4
68 3.8 2.9 4.3





#23

Nitrobenzene-d5

Concen: 75.415 ng

RT: 9.057 min Scan# 91

Delta R.T. -0.035 min

Lab File: BM038777.D

Acq: 17 Feb 2023 16:24

Instrument :

BNA_M

ClientSampleId :

PB150890BL

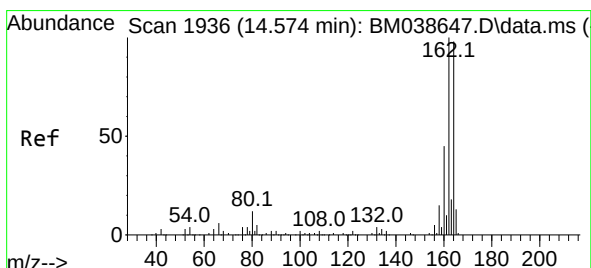
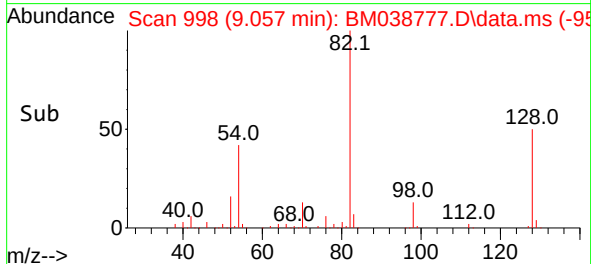
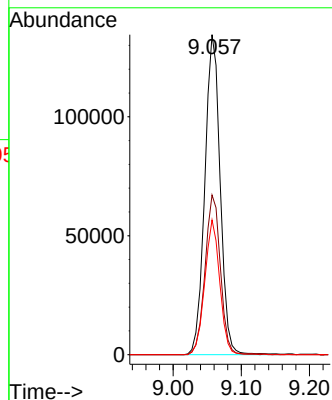
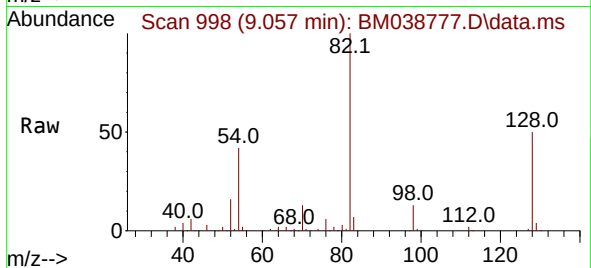
Tgt Ion: 82 Resp: 210968

Ion Ratio Lower Upper

82 100

128 49.9 36.0 54.0

54 42.1 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1929

Delta R.T. -0.030 min

Lab File: BM038777.D

Acq: 17 Feb 2023 16:24

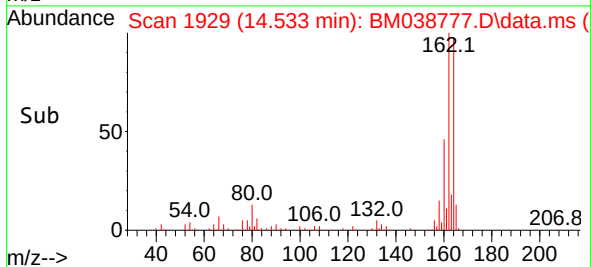
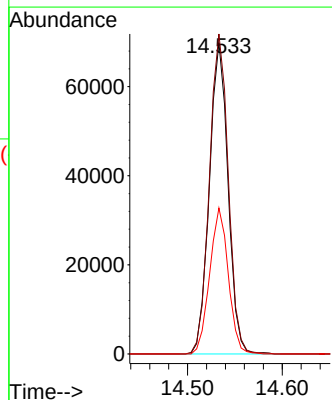
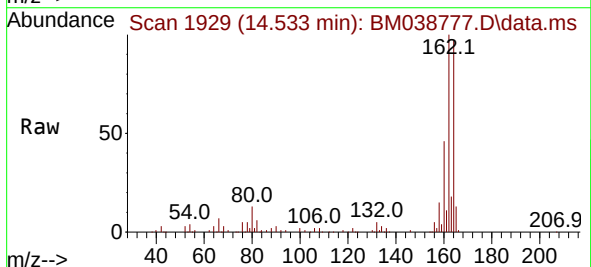
Tgt Ion: 164 Resp: 95193

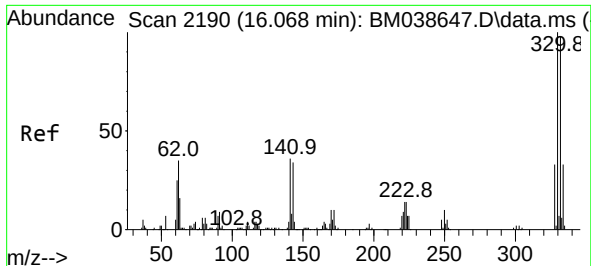
Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

160 46.9 36.5 54.7

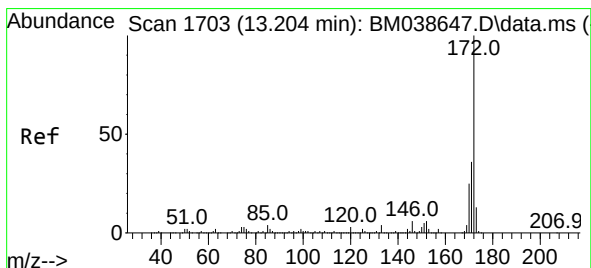
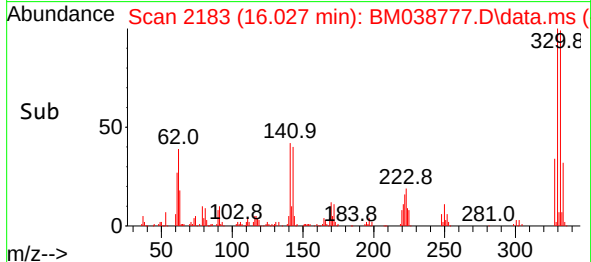
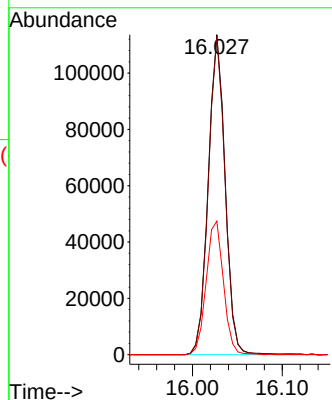
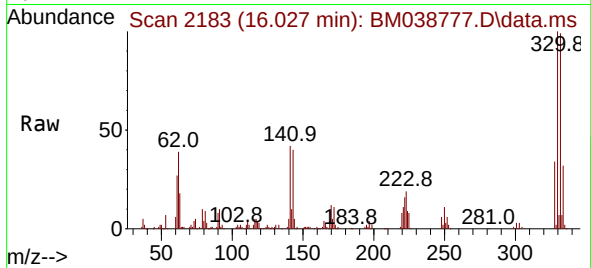




#42
2,4,6-Tribromophenol
Concen: 115.004 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.030 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

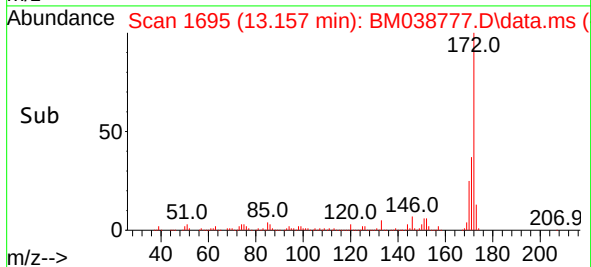
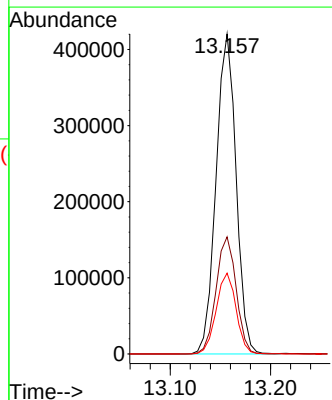
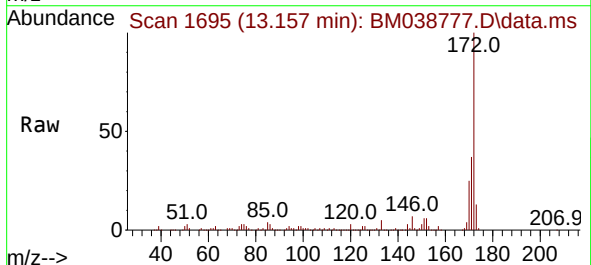
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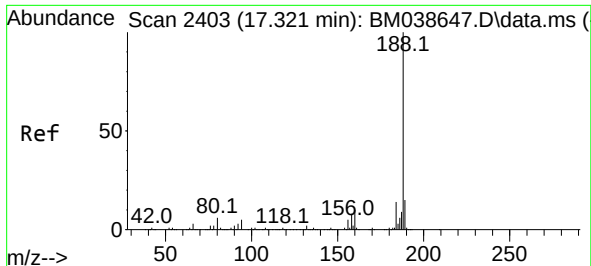
Tgt Ion:330 Resp: 148802
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.6
141 42.6 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 77.902 ng
RT: 13.157 min Scan# 1695
Delta R.T. -0.030 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

Tgt Ion:172 Resp: 582491
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 25.2 20.0 30.0

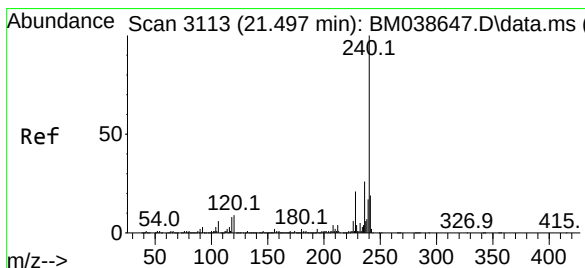
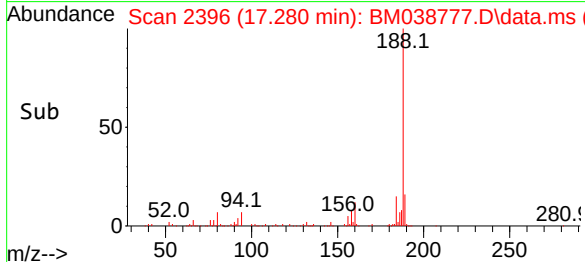
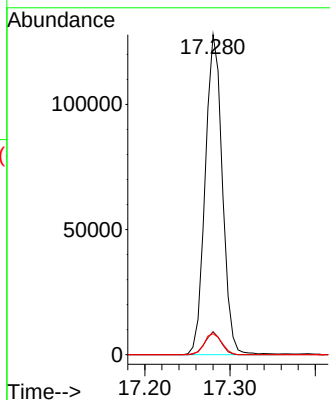
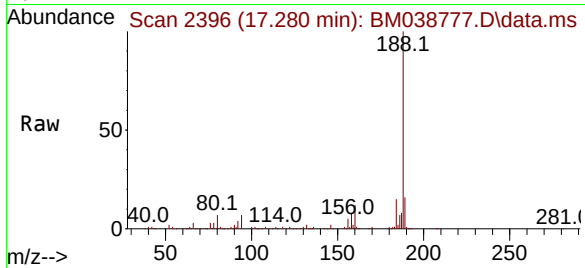




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

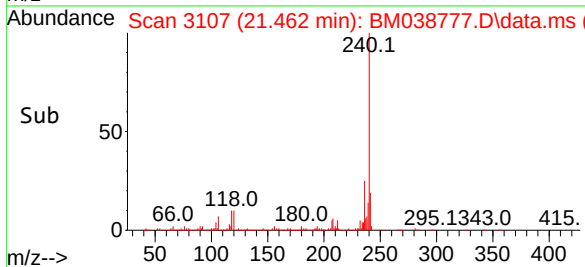
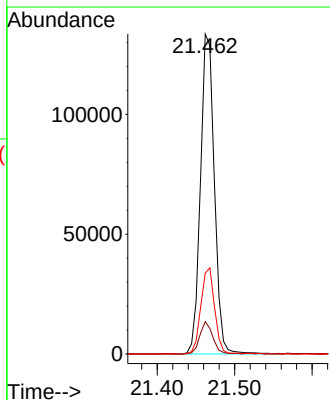
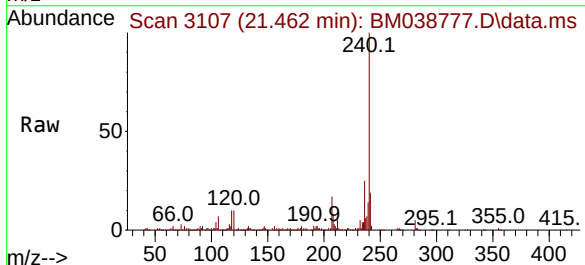
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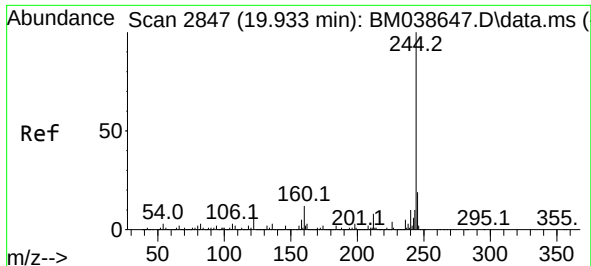
Tgt Ion:188 Resp: 178871
Ion Ratio Lower Upper
188 100
94 7.2 4.2 6.4#
80 6.6 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.030 min
Lab File: BM038777.D
Acq: 17 Feb 2023 16:24

Tgt Ion:240 Resp: 166814
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.3 20.9 31.3

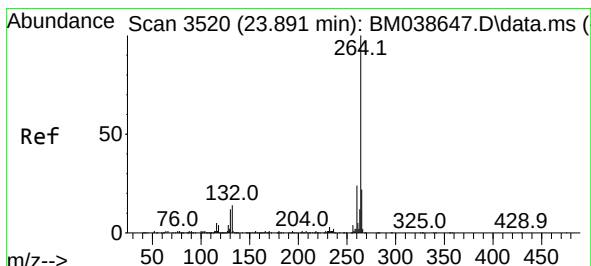
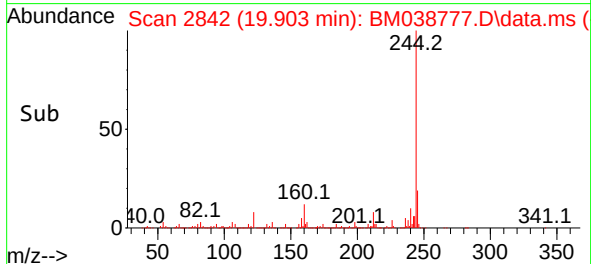
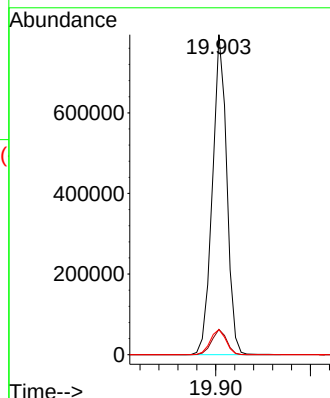
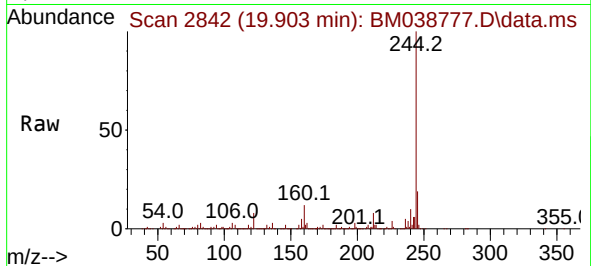




#79
 Terphenyl-d14
 Concen: 88.280 ng
 RT: 19.903 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 834510
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 7.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.850 min Scan# 3513
 Delta R.T. -0.024 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Tgt Ion:264 Resp: 230330
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.6 29.4
 265 23.4 17.9 26.9

