

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041338.D
 Acq On : 08 Aug 2023 21:05
 Operator : MA/JU
 Sample : 03929-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-PP19

Quant Time: Aug 09 01:20:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

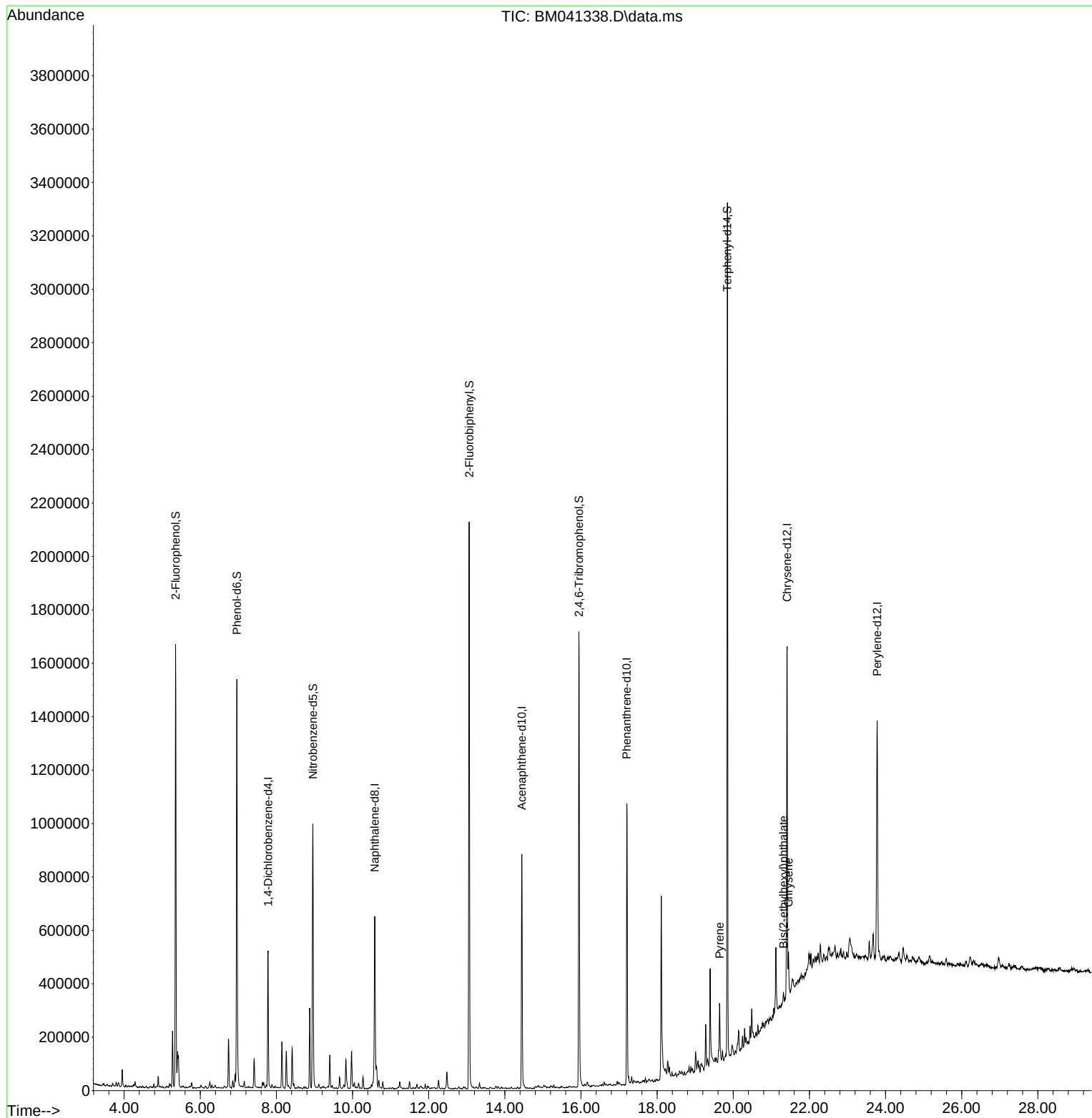
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	131755	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	520369	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	298868	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	620776	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	587802	20.000	ng	0.00
86) Perylene-d12	23.780	264	676114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	657917	74.632	ng	0.00
7) Phenol-d6	6.963	99	834149	72.998	ng	0.00
23) Nitrobenzene-d5	8.957	82	541376	48.382	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	322718	76.341	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1055660	44.620	ng	0.00
79) Terphenyl-d14	19.845	244	1443210	44.393	ng	0.00
Target Compounds						
78) Pyrene	19.639	202	129598	3.153	ng	99
83) Chrysene	21.450	228	83259	2.160	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	9838	2.930	ng	# 98

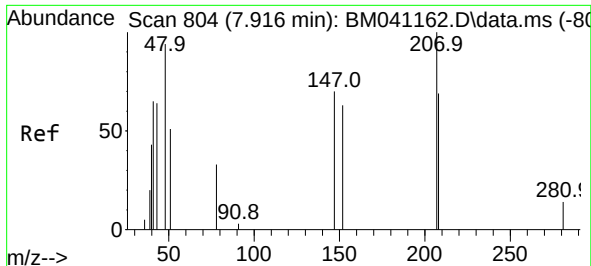
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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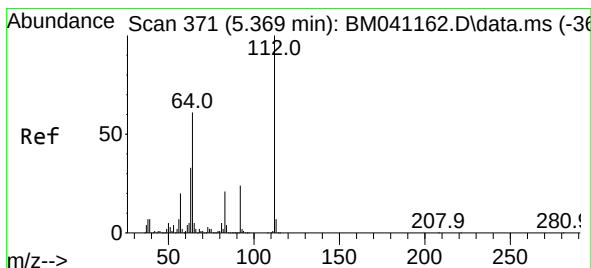
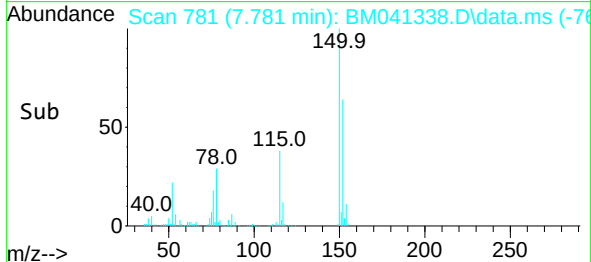
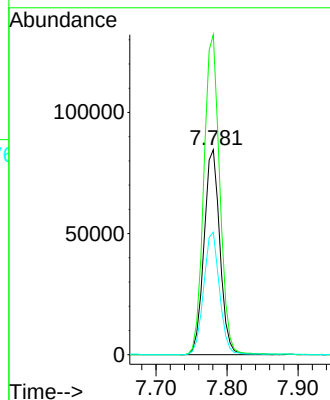
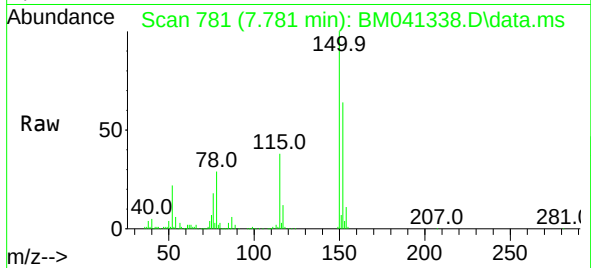




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041338.D
Acq: 08 Aug 2023 21:05

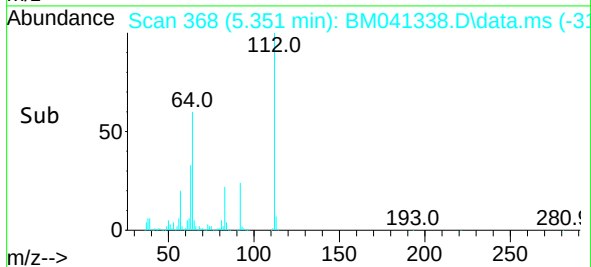
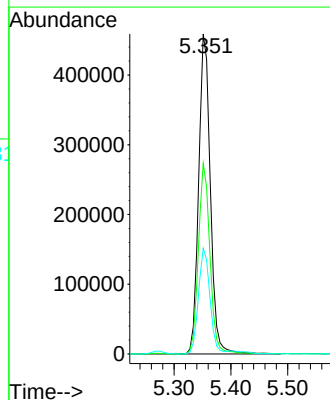
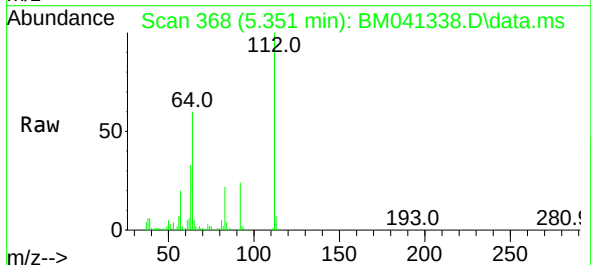
Instrument :
BNA_M
ClientSampleId :
B-PP19

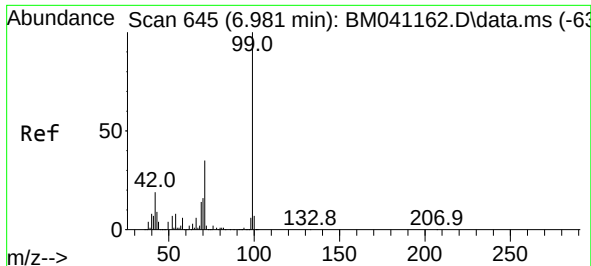
Tgt Ion:152 Resp: 131755
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 74.632 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041338.D
Acq: 08 Aug 2023 21:05

Tgt Ion:112 Resp: 657917
Ion Ratio Lower Upper
112 100
64 59.6 48.5 72.7
63 33.1 26.5 39.7

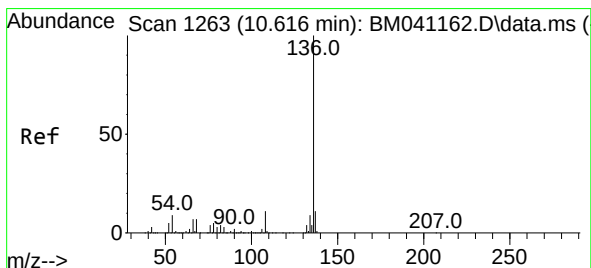
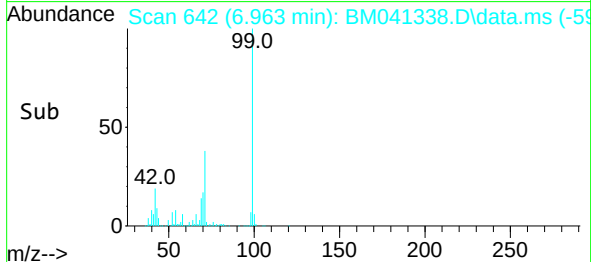
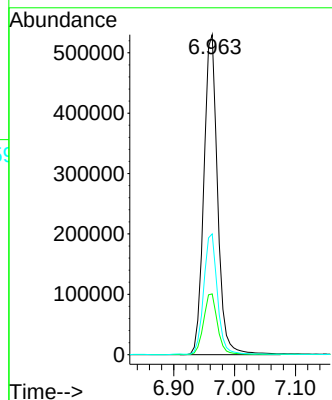
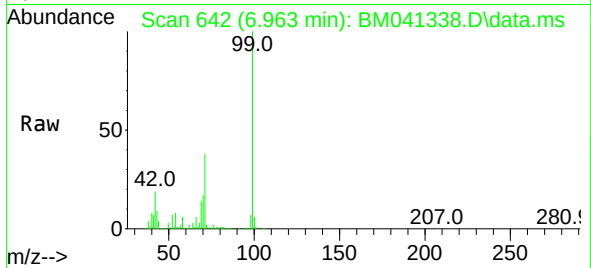




#7
Phenol-d6
Concen: 72.998 ng
RT: 6.963 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041338.D
Acq: 08 Aug 2023 21:05

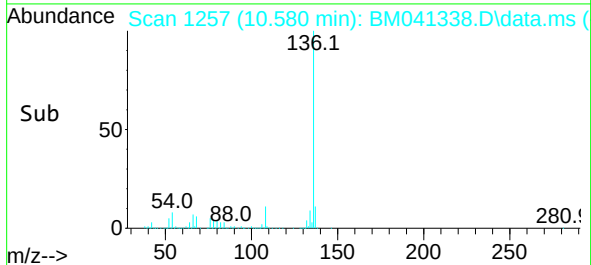
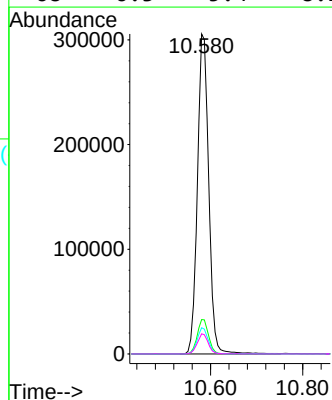
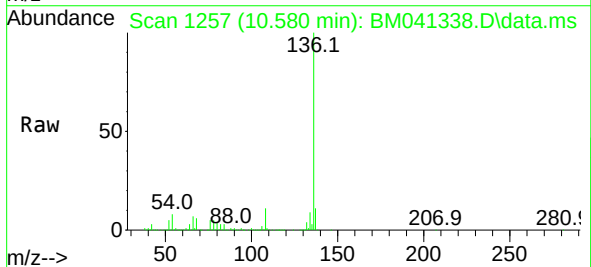
Instrument :
BNA_M
ClientSampleId :
B-PP19

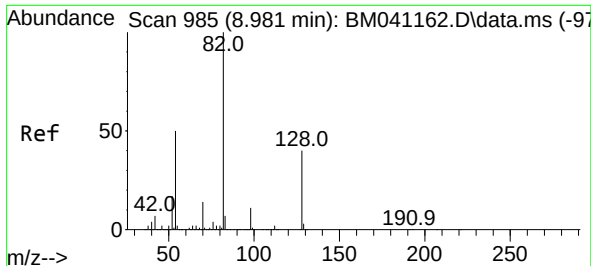
Tgt Ion: 99 Resp: 834149
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BM041338.D
Acq: 08 Aug 2023 21:05

Tgt Ion: 136 Resp: 520369
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 6.9 10.3
68 6.3 5.4 8.2

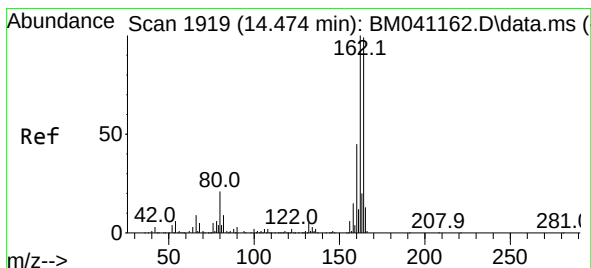
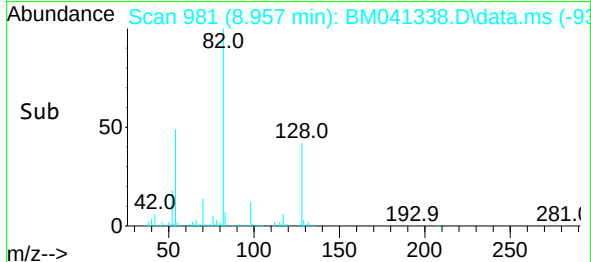
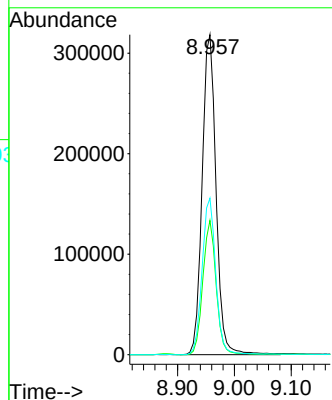
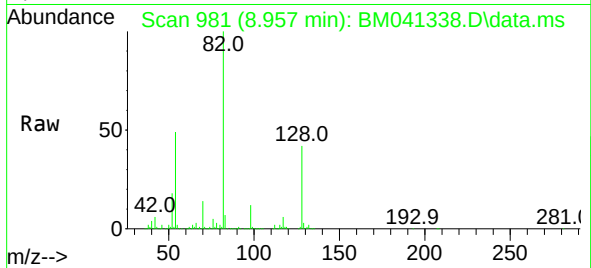




#23
Nitrobenzene-d5
Concen: 48.382 ng
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041338.D
Acq: 08 Aug 2023 21:05

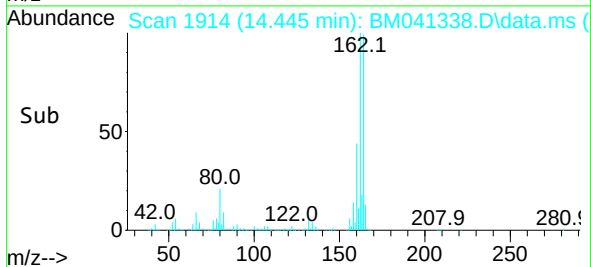
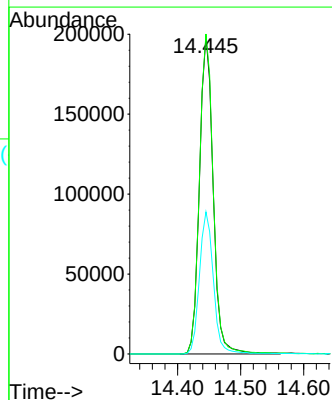
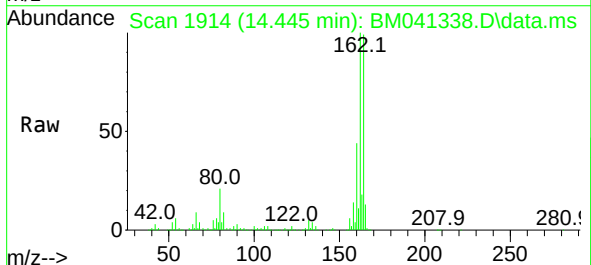
Instrument :
BNA_M
ClientSampleId :
B-PP19

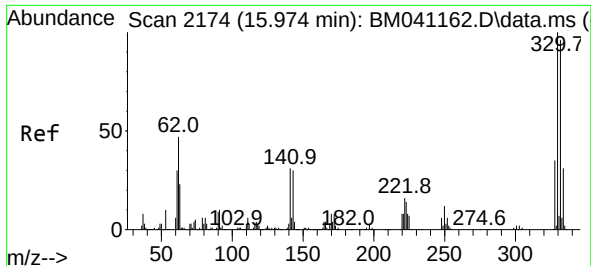
Tgt Ion: 82 Resp: 541376
Ion Ratio Lower Upper
82 100
128 41.9 31.8 47.6
54 48.9 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BM041338.D
Acq: 08 Aug 2023 21:05

Tgt Ion: 164 Resp: 298868
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 44.7 36.2 54.2

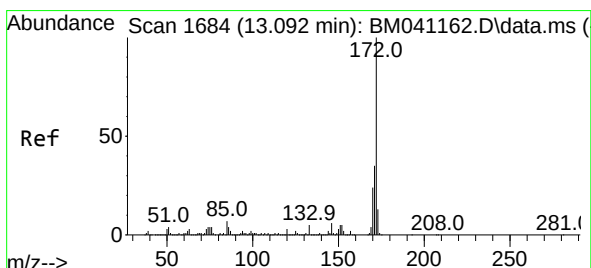
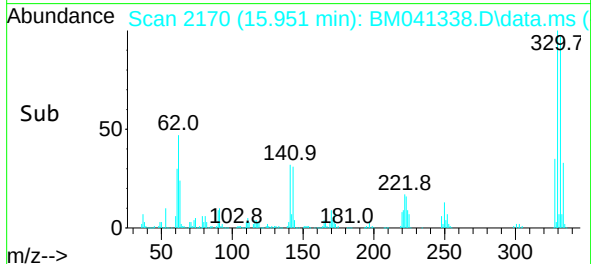
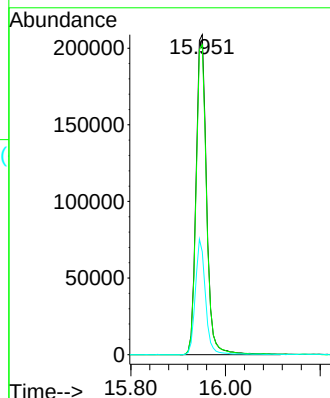
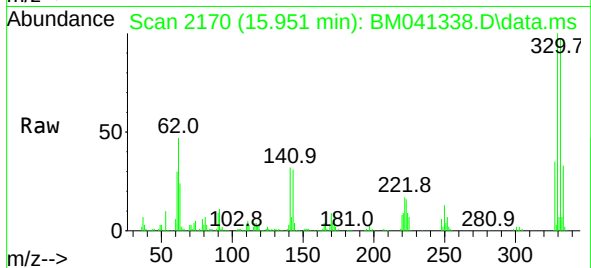




#42
 2,4,6-Tribromophenol
 Concen: 76.341 ng
 RT: 15.951 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041338.D
 Acq: 08 Aug 2023 21:05

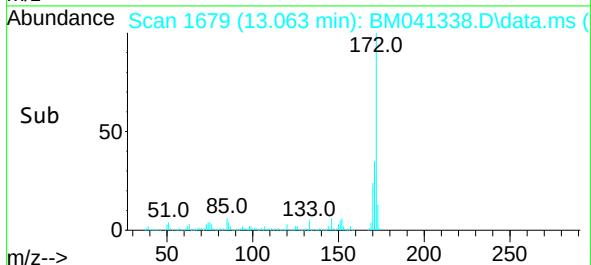
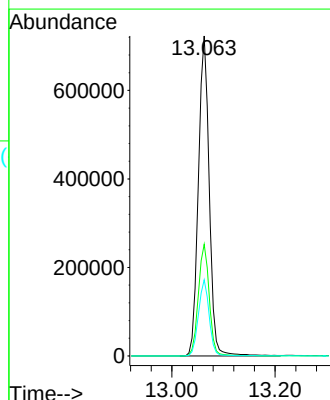
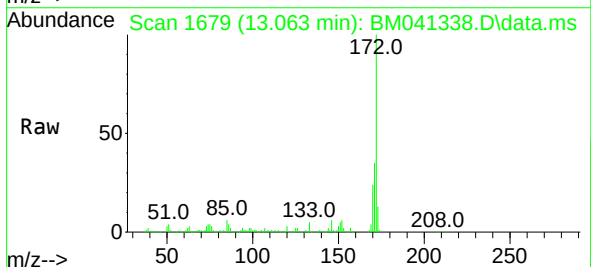
Instrument :
 BNA_M
 ClientSampleId :
 B-PP19

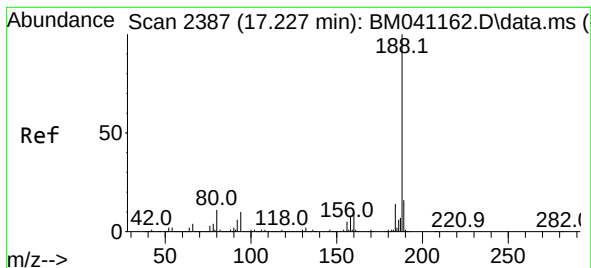
Tgt Ion:330 Resp: 322718
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 35.0 28.3 42.5



#45
 2-Fluorobiphenyl
 Concen: 44.620 ng
 RT: 13.063 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BM041338.D
 Acq: 08 Aug 2023 21:05

Tgt Ion:172 Resp: 1055660
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

Instrument :

BNA_M

ClientSampleId :

B-PP19

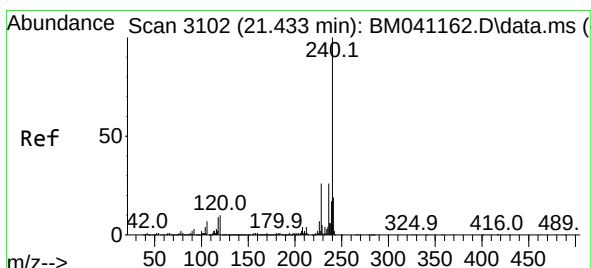
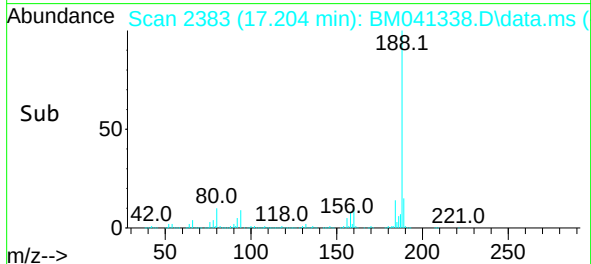
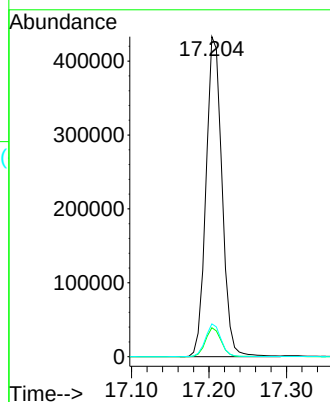
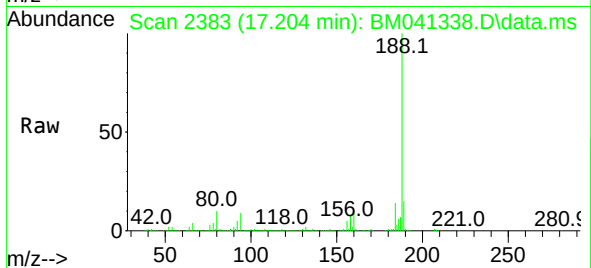
Tgt Ion:188 Resp: 620776

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 10.3 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

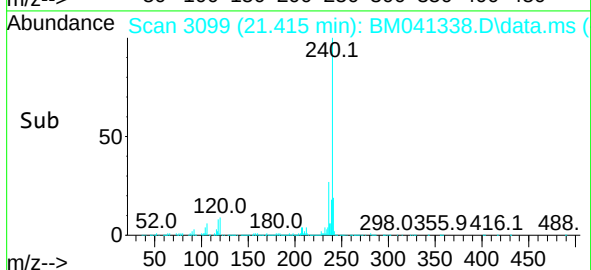
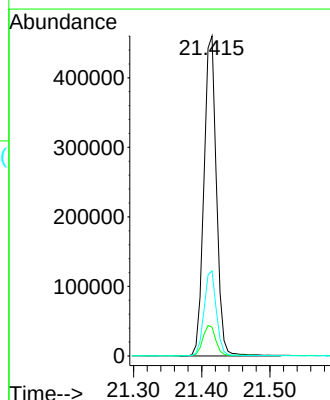
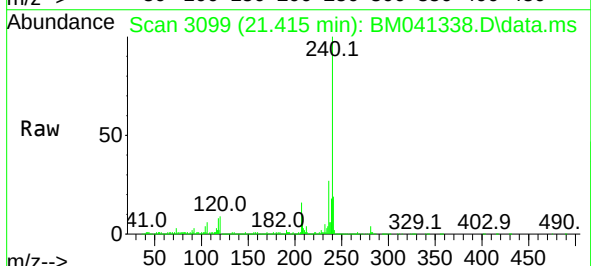
Tgt Ion:240 Resp: 587802

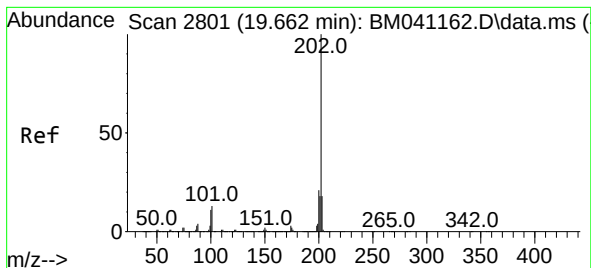
Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 26.6 20.6 30.8





#78

Pyrene

Concen: 3.153 ng

RT: 19.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

Instrument :

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ClientSampleId :

B-PP19

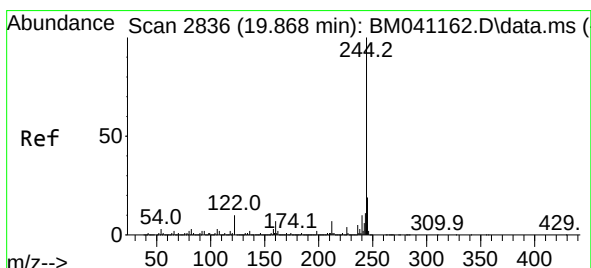
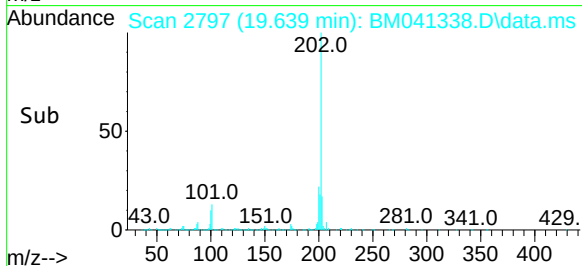
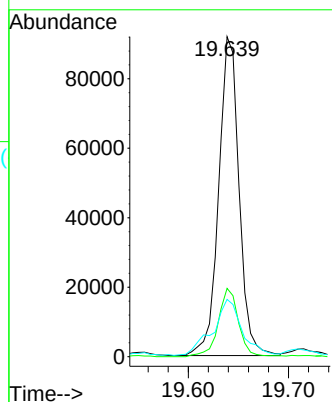
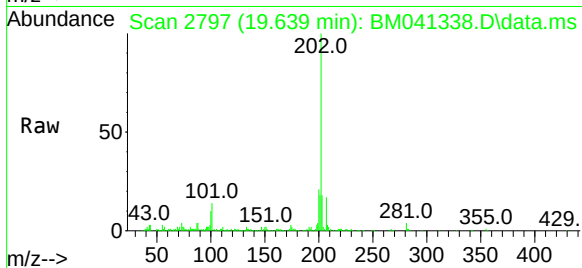
Tgt Ion:202 Resp: 129598

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.9 14.1 21.1



#79

Terphenyl-d14

Concen: 44.393 ng

RT: 19.845 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

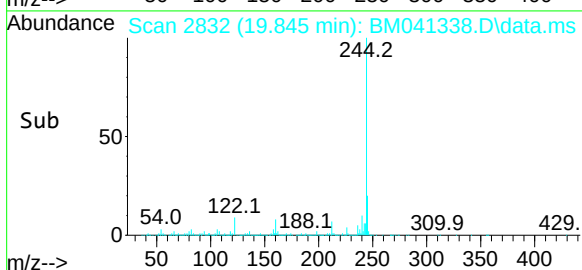
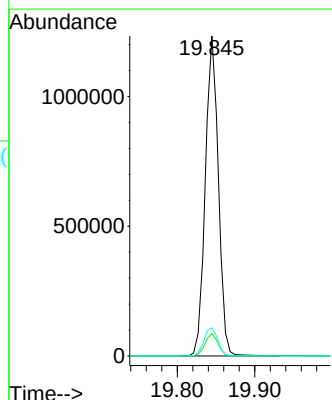
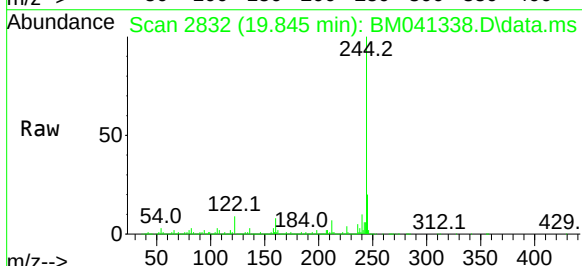
Tgt Ion:244 Resp: 1443210

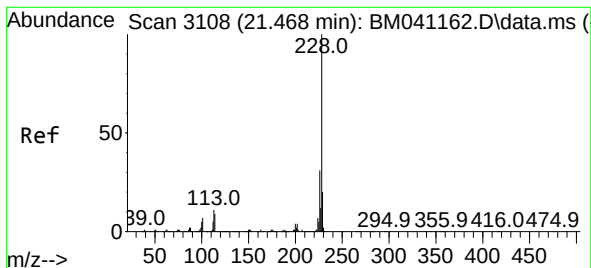
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.8 7.8 11.6





#83

Chrysene

Concen: 2.160 ng

RT: 21.450 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

Instrument :

BNA_M

ClientSampleId :

B-PP19

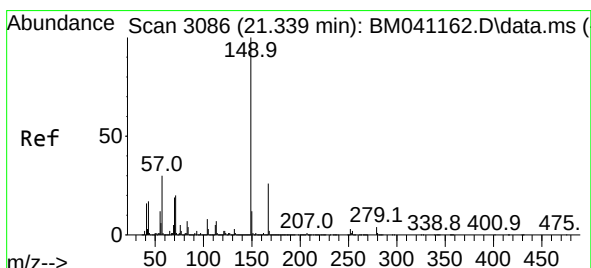
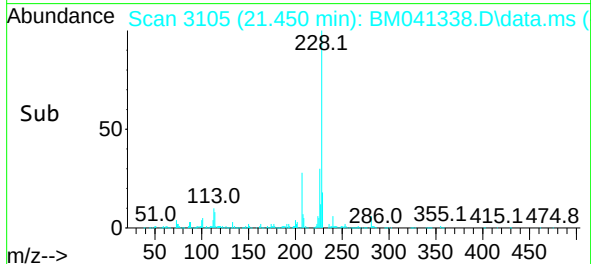
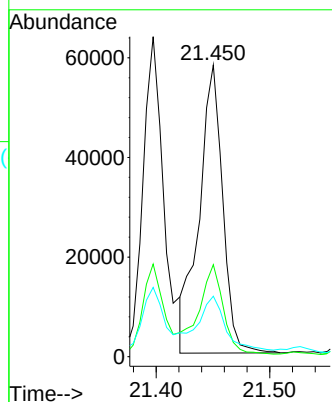
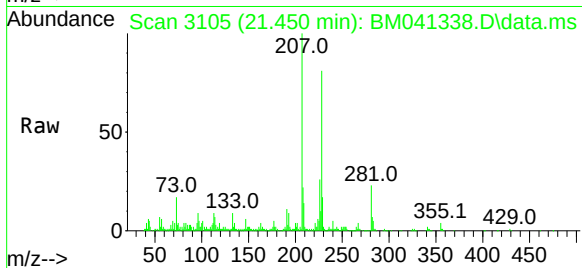
Tgt Ion:228 Resp: 83259

Ion Ratio Lower Upper

228 100

226 31.6 24.5 36.7

229 20.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.930 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

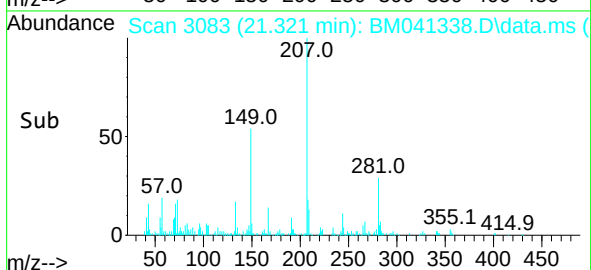
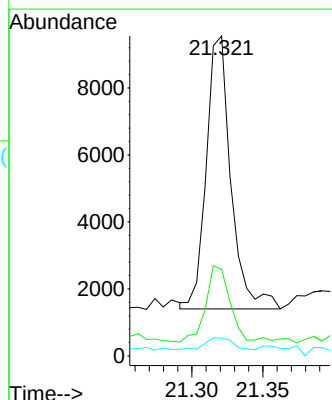
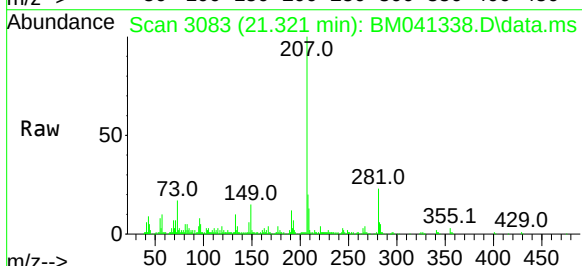
Tgt Ion:149 Resp: 9838

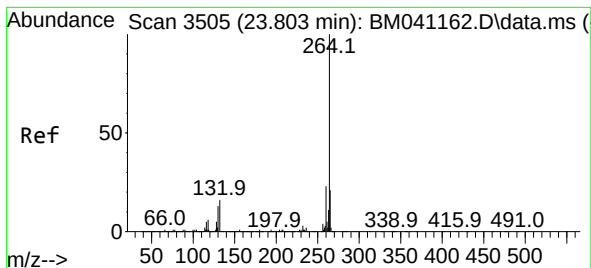
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

279 5.5 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM041338.D

Acq: 08 Aug 2023 21:05

Instrument :

BNA_M

ClientSampleId :

B-PP19

Tgt Ion:264 Resp: 676114

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.8 17.4 26.0

