

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036188.D
 Acq On : 10 Aug 2022 12:31
 Operator : CG/JU
 Sample : PB146851BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146851BL

Quant Time: Aug 10 22:22:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	240263	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	961019	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	519572	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	968663	20.000	ng	0.00
76) Chrysene-d12	21.398	240	800771	20.000	ng	0.00
86) Perylene-d12	23.744	264	806139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2098078	141.575	ng	0.00
7) Phenol-d6	7.040	99	2567583	136.162	ng	0.00
23) Nitrobenzene-d5	9.004	82	1565060	91.161	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	756900	124.178	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3246430	92.254	ng	0.00
79) Terphenyl-d14	19.845	244	3929128	96.781	ng	0.00

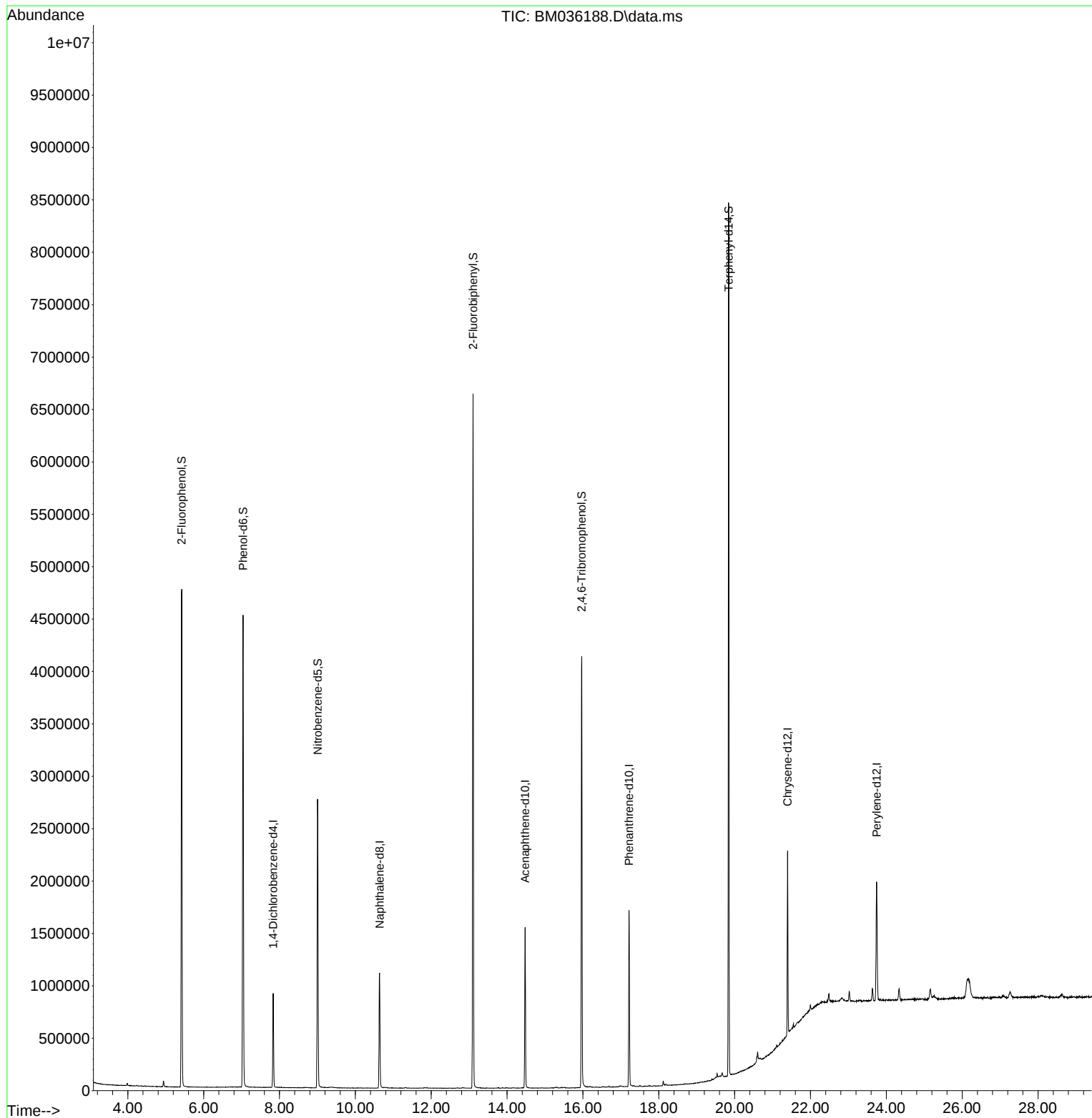
Target Compounds	Qvalue

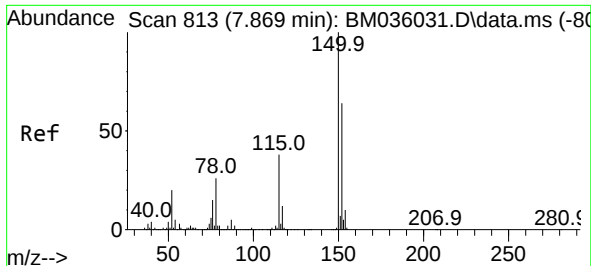
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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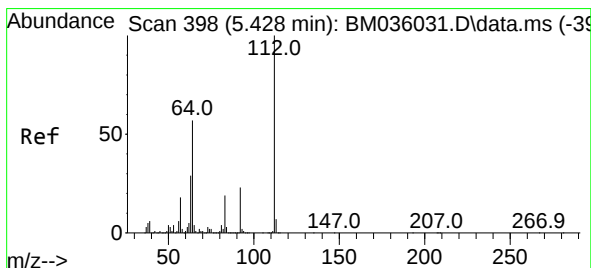
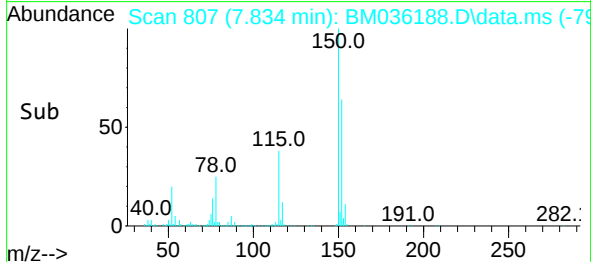
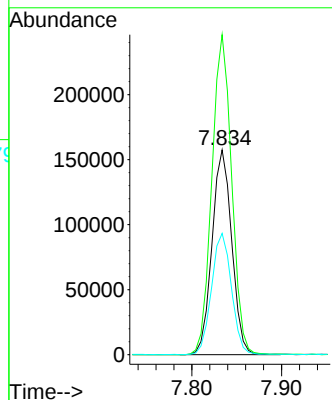
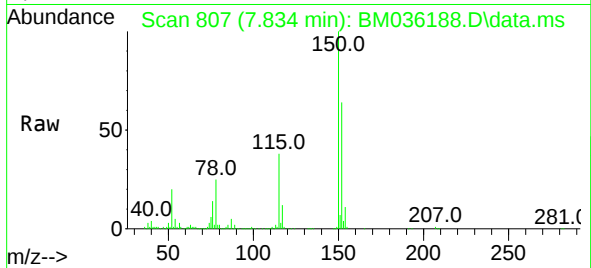




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

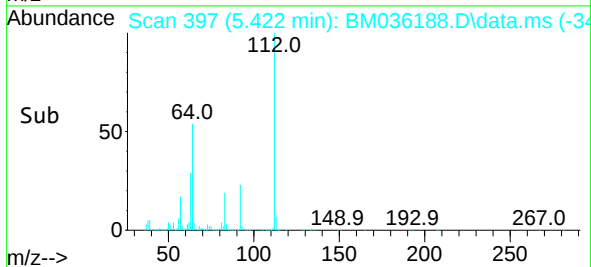
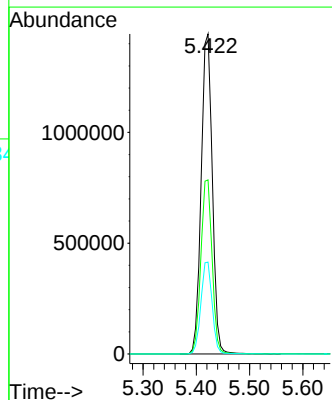
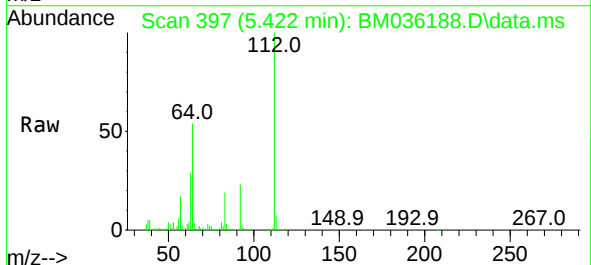
Instrument :
BNA_M
ClientSampleId :
PB146851BL

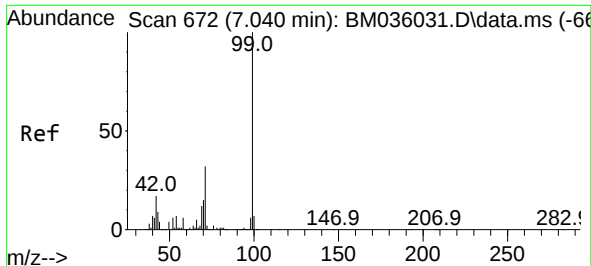
Tgt Ion:152 Resp: 240263
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 141.575 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

Tgt Ion:112 Resp: 2098078
Ion Ratio Lower Upper
112 100
64 54.4 47.8 71.6
63 28.7 26.6 40.0

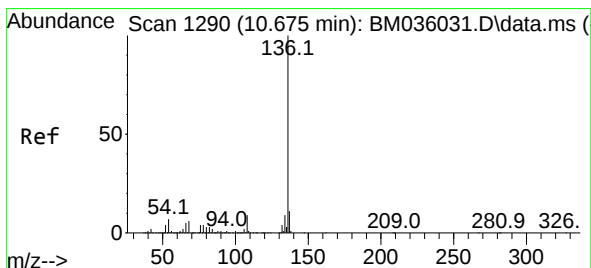
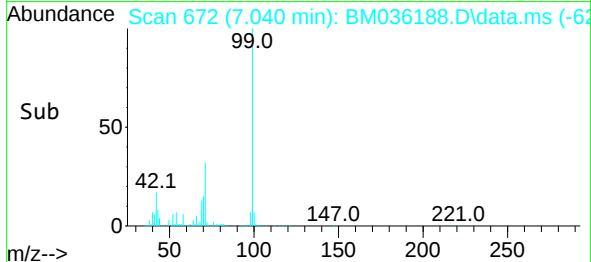
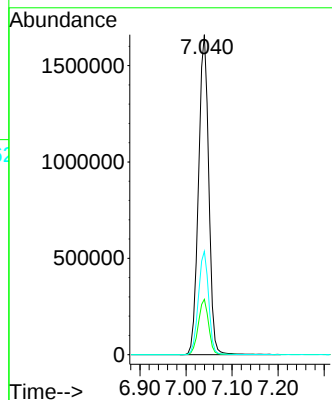
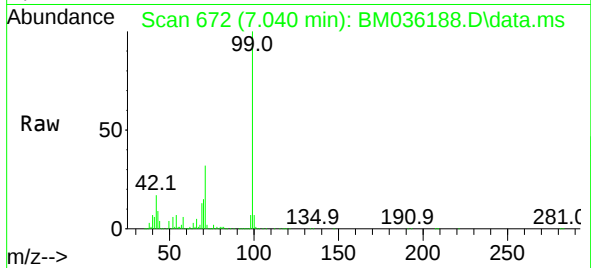




#7
Phenol-d6
Concen: 136.162 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

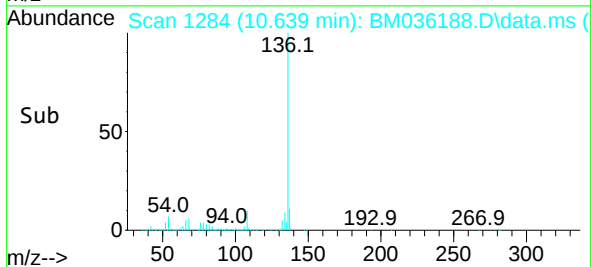
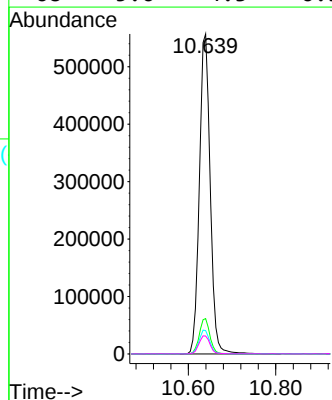
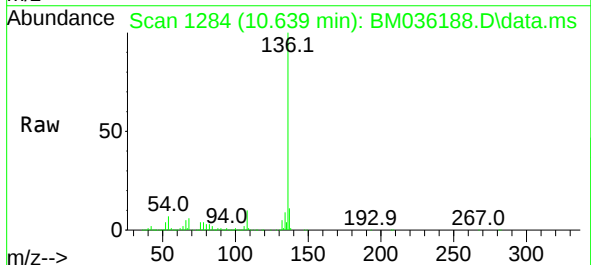
Instrument :
BNA_M
ClientSampleId :
PB146851BL

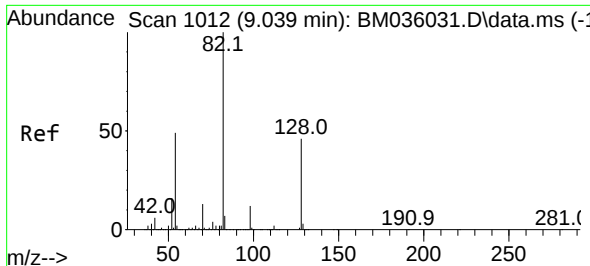
Tgt Ion: 99 Resp: 2567583
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

Tgt Ion: 136 Resp: 961019
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 7.0 10.4
68 5.6 4.3 6.5

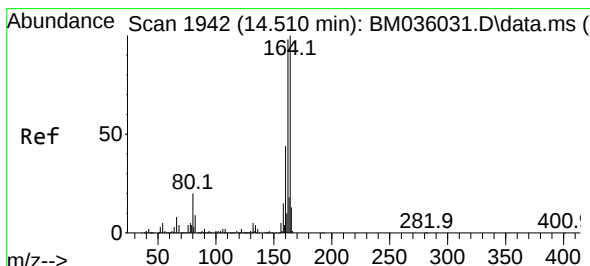
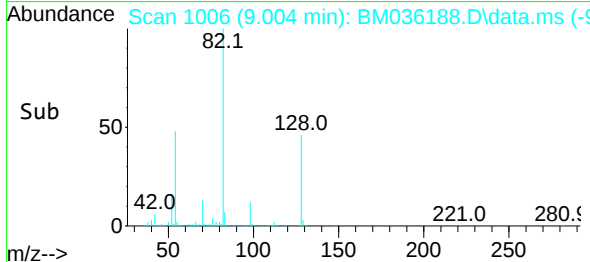
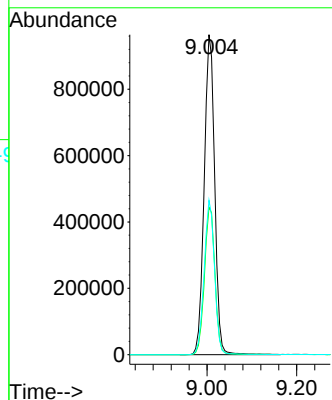
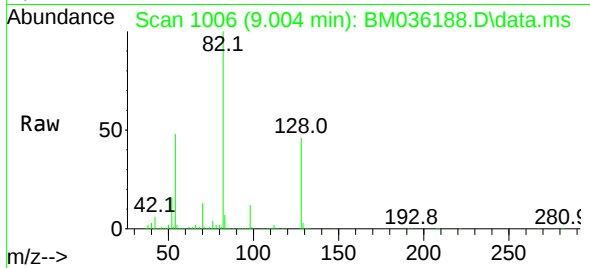




#23
Nitrobenzene-d5
Concen: 91.161 ng
RT: 9.004 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

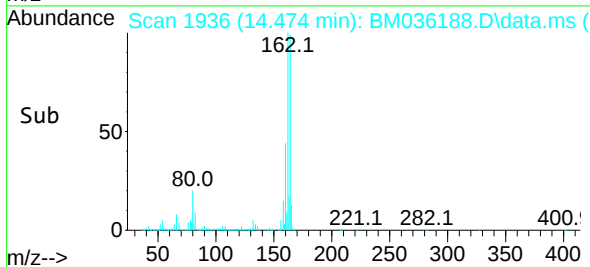
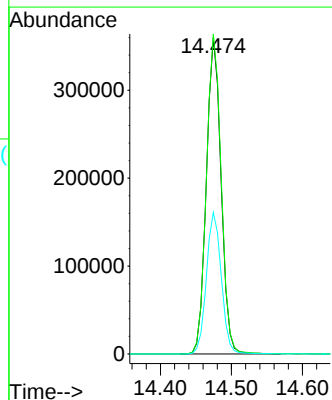
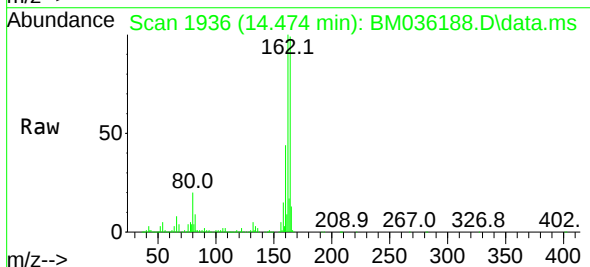
Instrument :
BNA_M
ClientSampleId :
PB146851BL

Tgt Ion: 82 Resp: 1565060
Ion Ratio Lower Upper
82 100
128 46.1 33.7 50.5
54 48.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

Tgt Ion:164 Resp: 519572
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 44.7 37.0 55.4

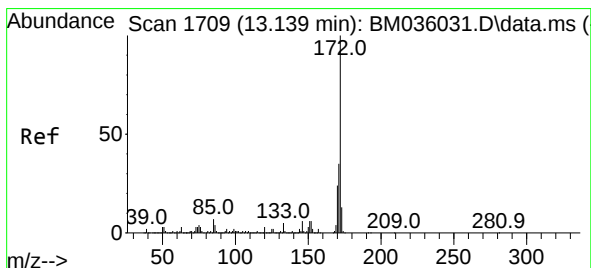
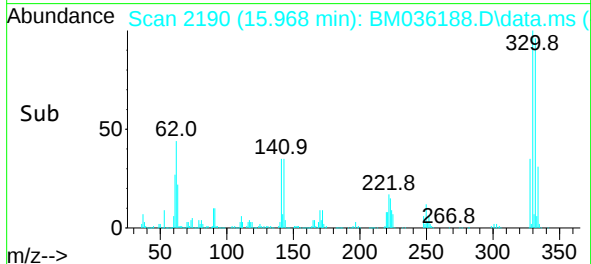
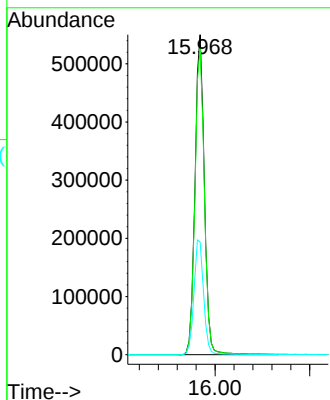
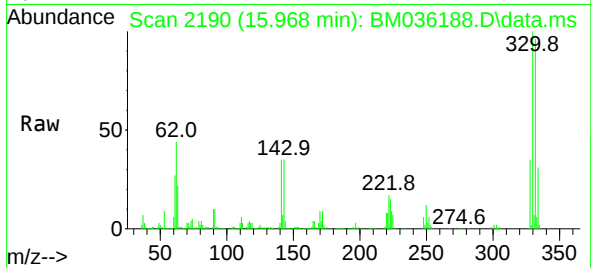




#42
2,4,6-Tribromophenol
Concen: 124.178 ng
RT: 15.968 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

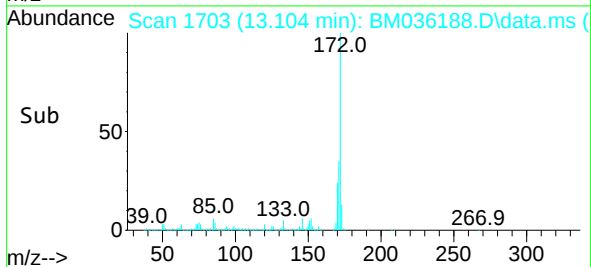
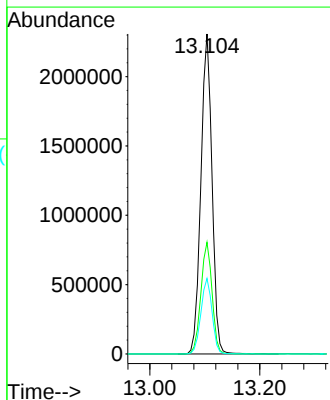
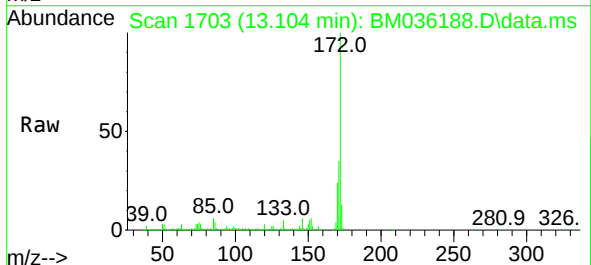
Instrument :
BNA_M
ClientSampleId :
PB146851BL

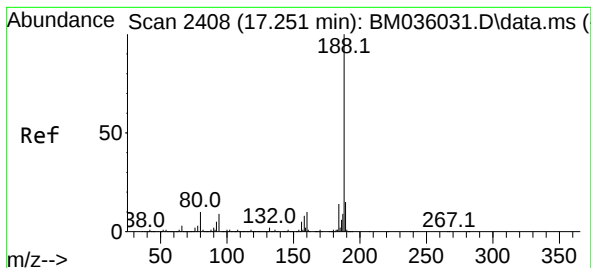
Tgt Ion:330 Resp: 756900
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 37.1 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 92.254 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BM036188.D
Acq: 10 Aug 2022 12:31

Tgt Ion:172 Resp: 3246430
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM036188.D

Acq: 10 Aug 2022 12:31

Instrument :

BNA_M

ClientSampleId :

PB146851BL

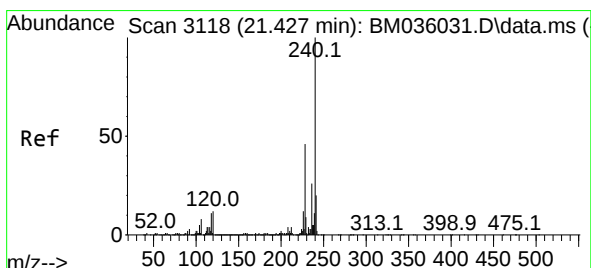
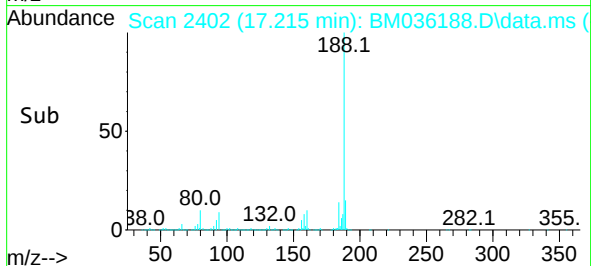
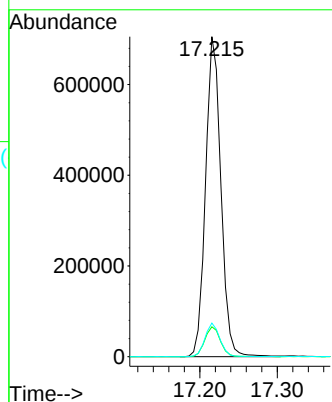
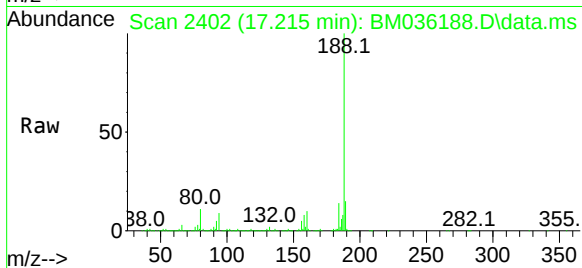
Tgt Ion:188 Resp: 968663

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM036188.D

Acq: 10 Aug 2022 12:31

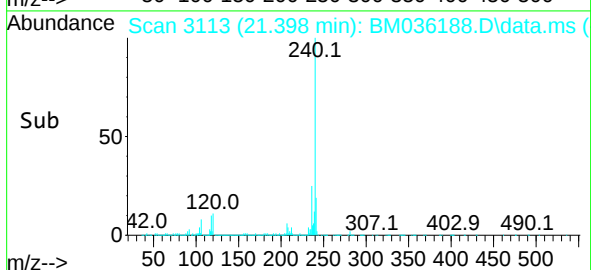
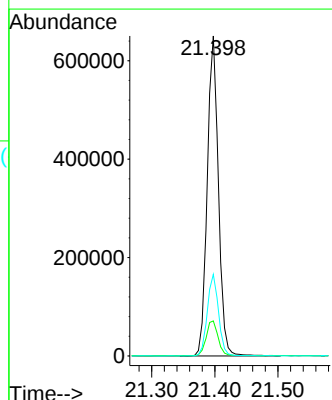
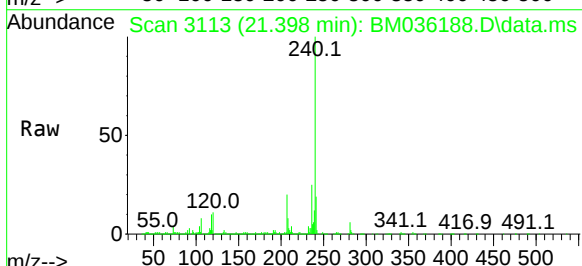
Tgt Ion:240 Resp: 800771

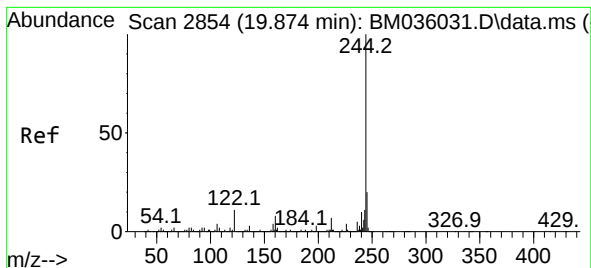
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.0

236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 96.781 ng

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036188.D

Acq: 10 Aug 2022 12:31

Instrument :

BNA_M

ClientSampleId :

PB146851BL

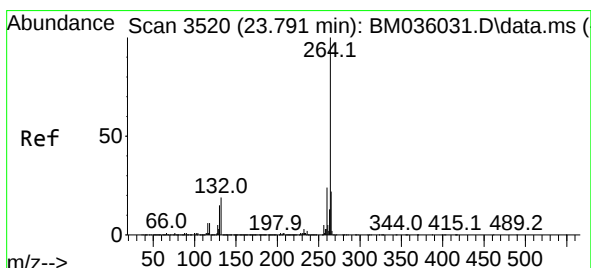
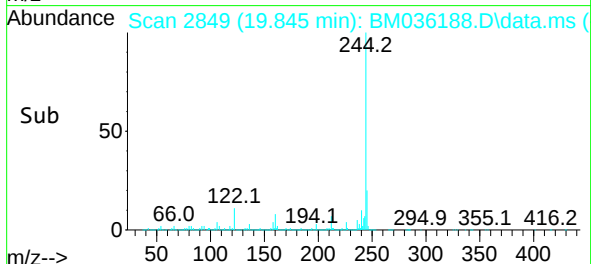
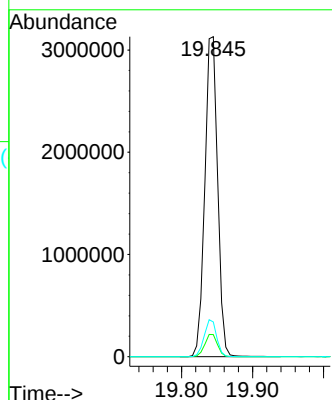
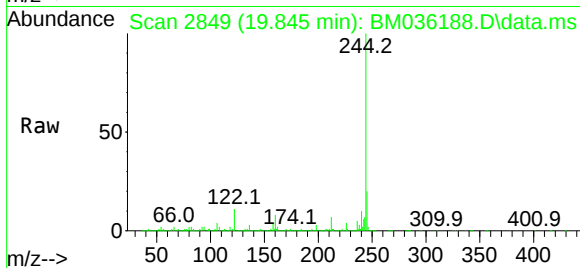
Tgt Ion:244 Resp: 3929128

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 10.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.744 min Scan# 3512

Delta R.T. 0.000 min

Lab File: BM036188.D

Acq: 10 Aug 2022 12:31

Tgt Ion:264 Resp: 806139

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 17.5 26.3

