

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036123.D
 Acq On : 05 Aug 2022 17:28
 Operator : CG/JU
 Sample : PB146797BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146797BL

Quant Time: Aug 06 01:12:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	252822	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1066066	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	645348	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1374505	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1375476	20.000	ng	0.00
86) Perylene-d12	23.768	264	1414454	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2147721	137.726	ng	0.00
7) Phenol-d6	7.022	99	2659425	134.027	ng	-0.01
23) Nitrobenzene-d5	9.022	82	1644583	86.354	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	1027980	135.782	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	3708520	84.846	ng	0.00
79) Terphenyl-d14	19.862	244	6343803	90.971	ng	0.00

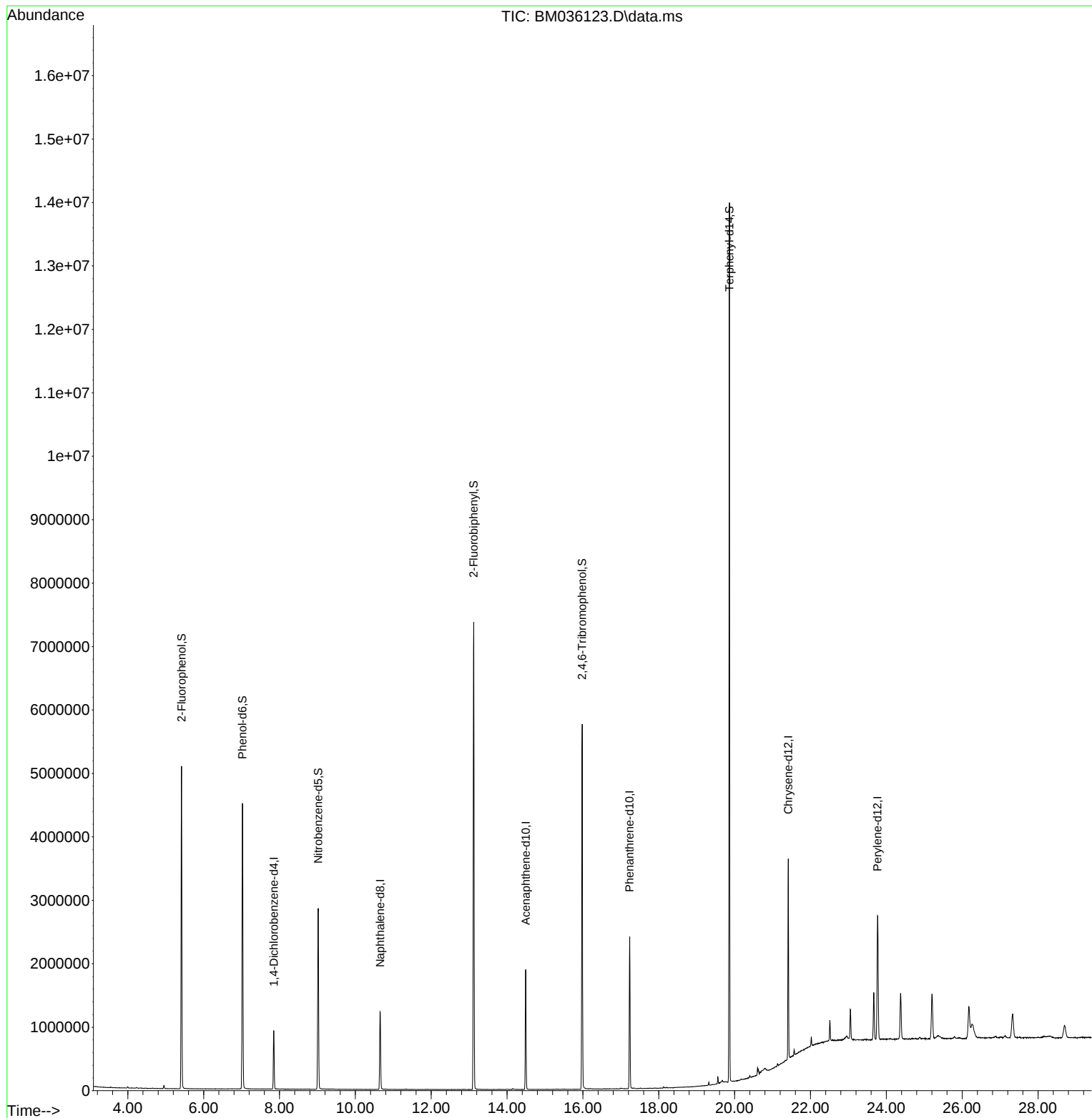
Target Compounds	Qvalue

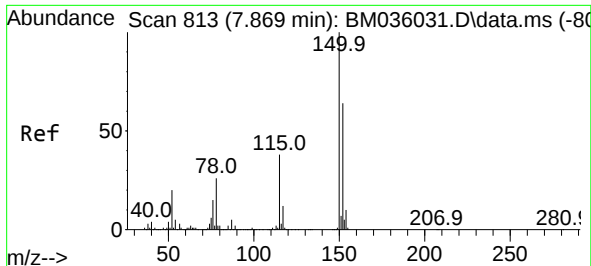
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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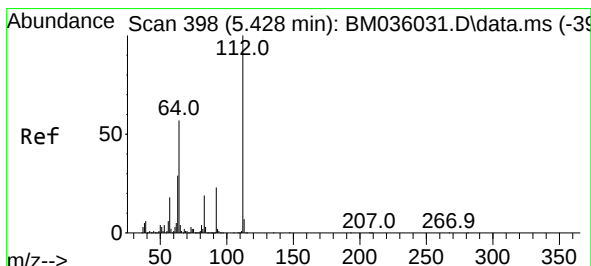
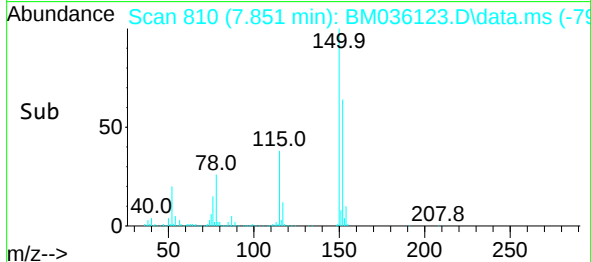
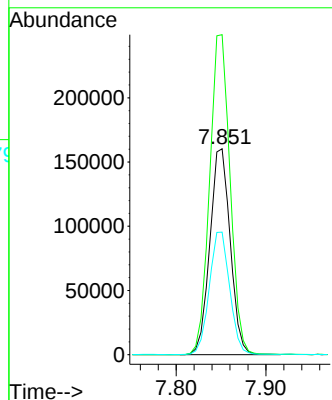
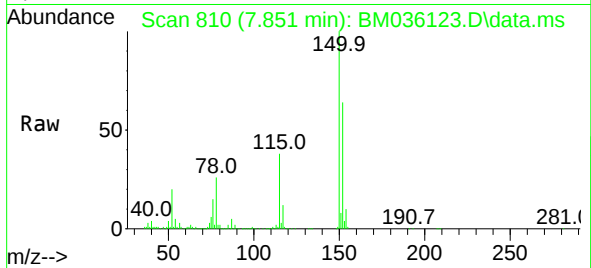




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036123.D
Acq: 05 Aug 2022 17:28

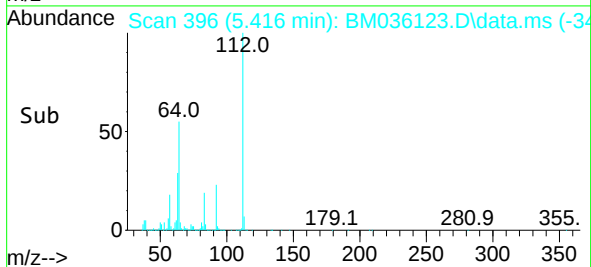
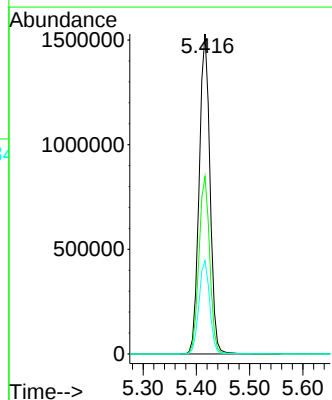
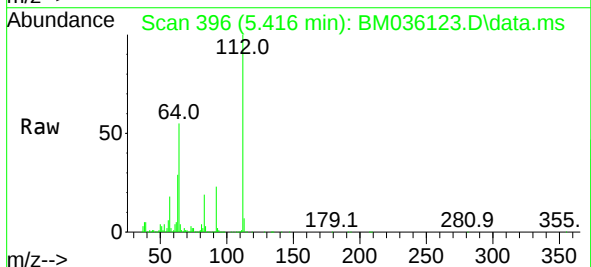
Instrument :
BNA_M
ClientSampleId :
PB146797BL

Tgt Ion:152 Resp: 252822
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 137.726 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM036123.D
Acq: 05 Aug 2022 17:28

Tgt Ion:112 Resp: 2147721
Ion Ratio Lower Upper
112 100
64 55.5 47.8 71.6
63 29.2 26.6 40.0

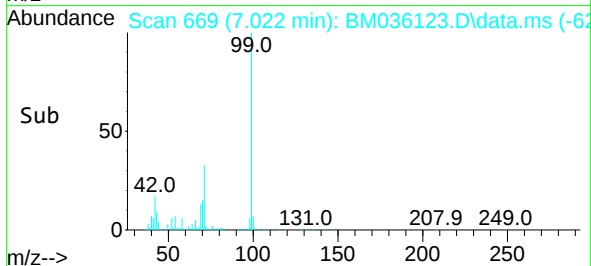
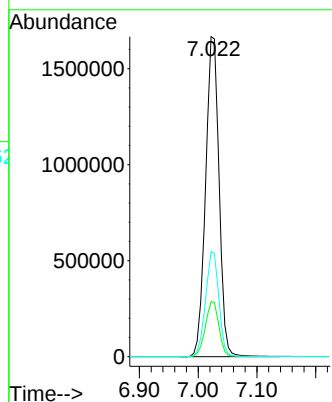
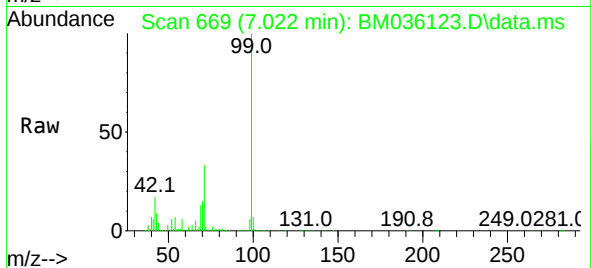




#7
Phenol-d6
Concen: 134.027 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036123.D
Acq: 05 Aug 2022 17:28

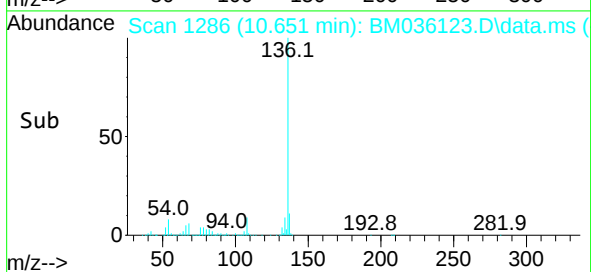
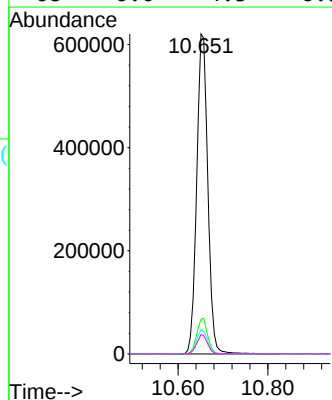
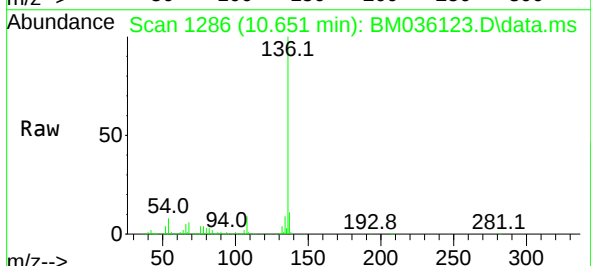
Instrument :
BNA_M
ClientSampleId :
PB146797BL

Tgt Ion: 99 Resp: 2659425
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 32.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BM036123.D
Acq: 05 Aug 2022 17:28

Tgt Ion: 136 Resp: 1066066
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.4
68 6.0 4.3 6.5

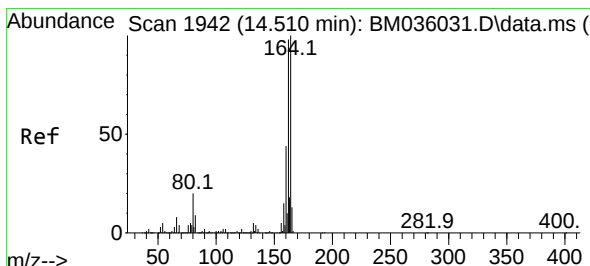
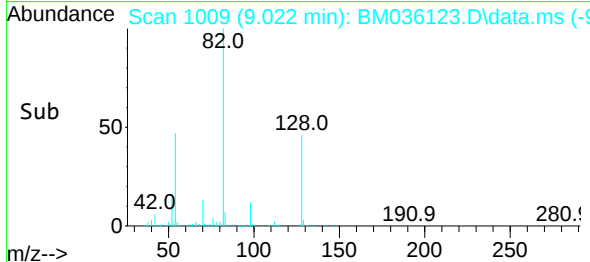
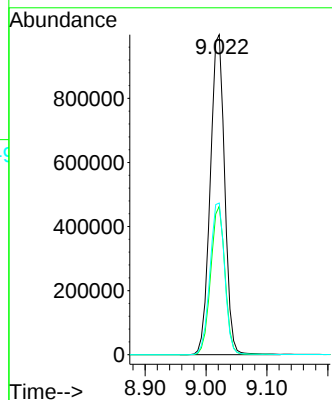
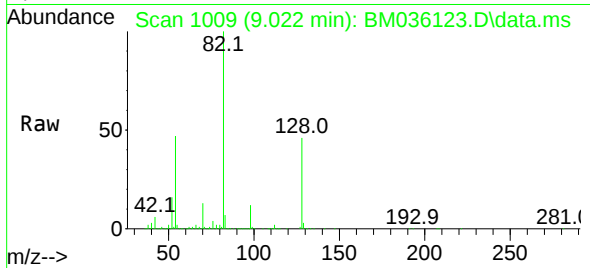




#23
 Nitrobenzene-d5
 Concen: 86.354 ng
 RT: 9.022 min Scan# 1009
 Delta R.T. -0.006 min
 Lab File: BM036123.D
 Acq: 05 Aug 2022 17:28

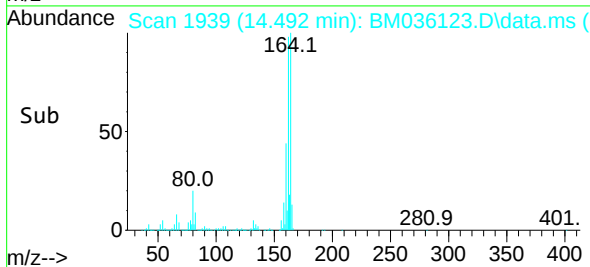
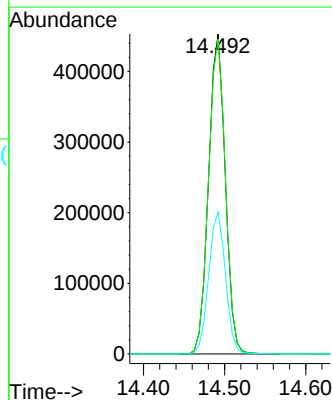
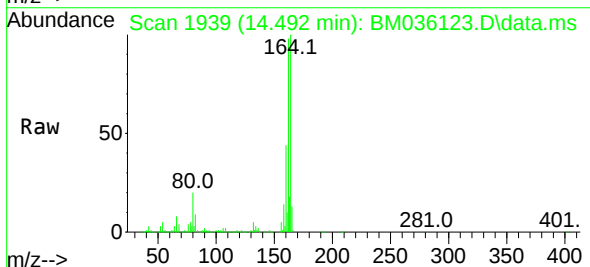
Instrument :
 BNA_M
 ClientSampleId :
 PB146797BL

Tgt Ion: 82 Resp: 1644583
 Ion Ratio Lower Upper
 82 100
 128 46.4 33.7 50.5
 54 47.4 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.492 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM036123.D
 Acq: 05 Aug 2022 17:28

Tgt Ion:164 Resp: 645348
 Ion Ratio Lower Upper
 164 100
 162 98.5 83.0 124.6
 160 44.2 37.0 55.4

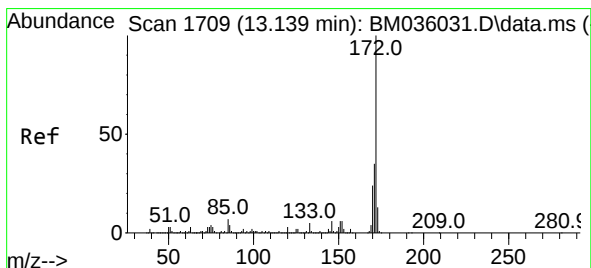
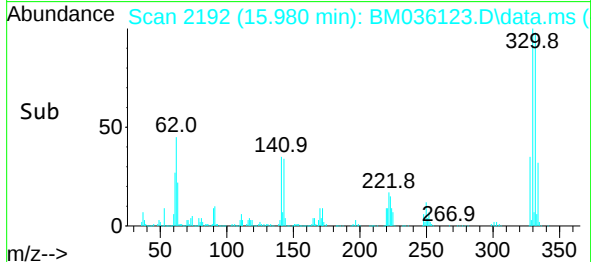
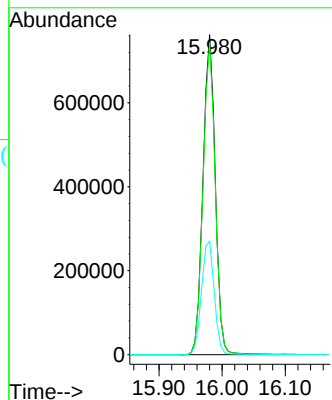
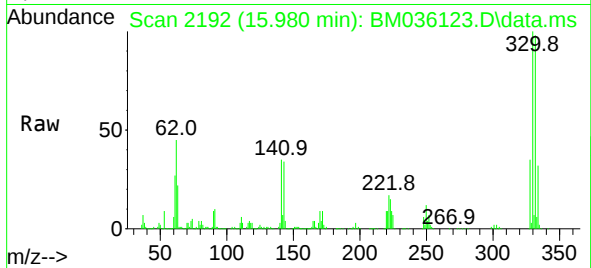




#42
2,4,6-Tribromophenol
Concen: 135.782 ng
RT: 15.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM036123.D
Acq: 05 Aug 2022 17:28

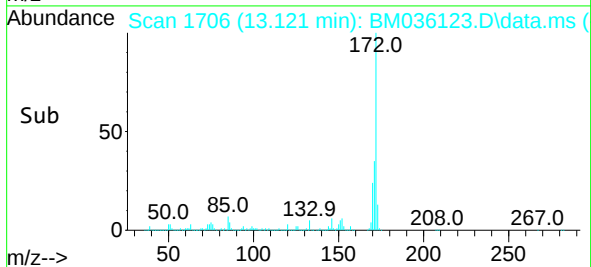
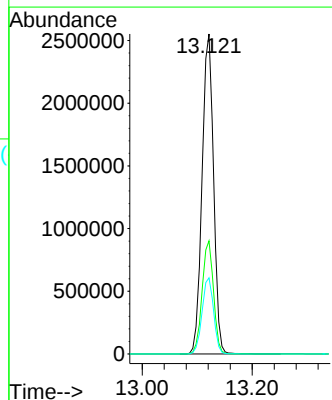
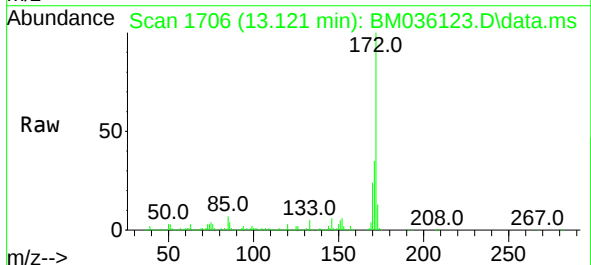
Instrument :
BNA_M
ClientSampleId :
PB146797BL

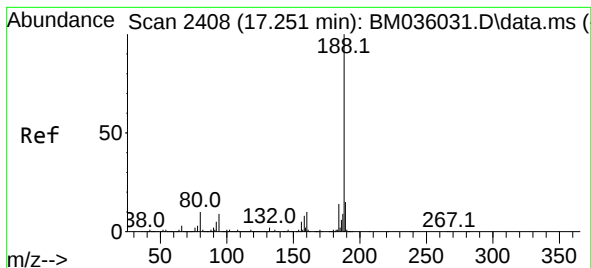
Tgt Ion:330 Resp: 1027980
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 37.2 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 84.846 ng
RT: 13.121 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036123.D
Acq: 05 Aug 2022 17:28

Tgt Ion:172 Resp: 3708520
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.233 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM036123.D

Acq: 05 Aug 2022 17:28

Instrument :

BNA_M

ClientSampleId :

PB146797BL

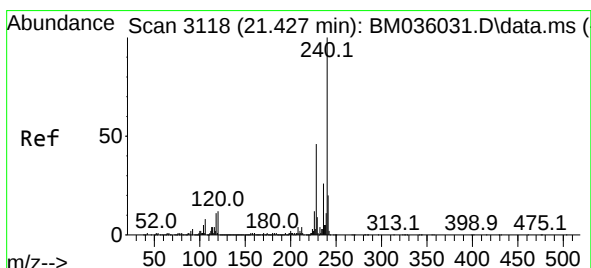
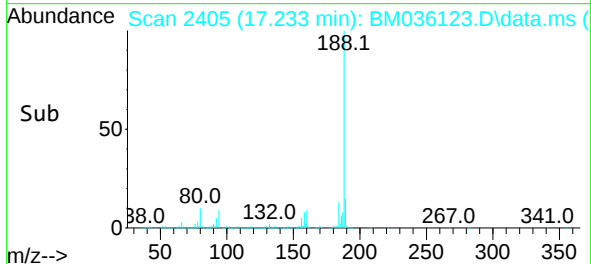
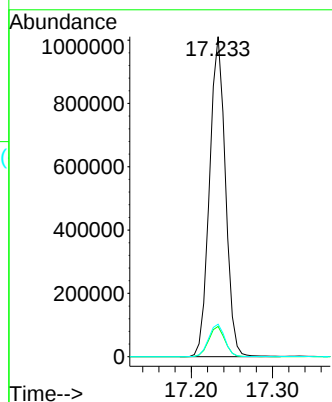
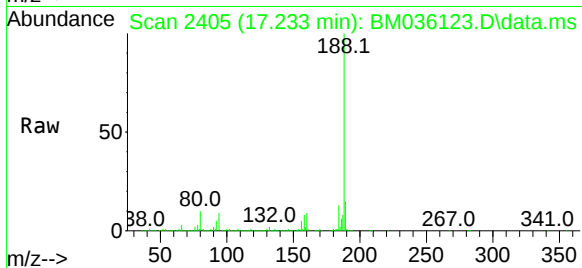
Tgt Ion:188 Resp: 1374505

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM036123.D

Acq: 05 Aug 2022 17:28

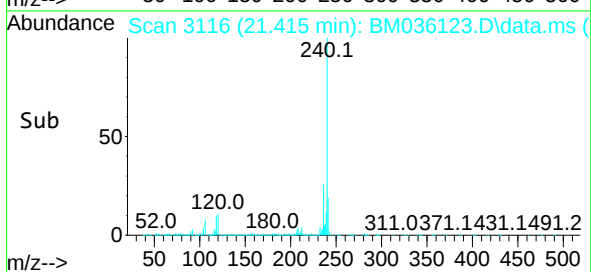
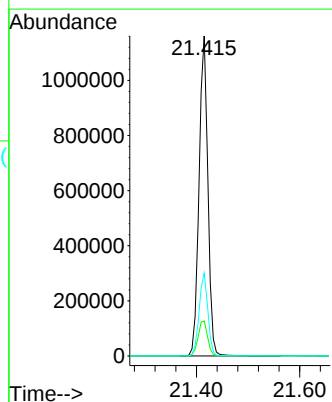
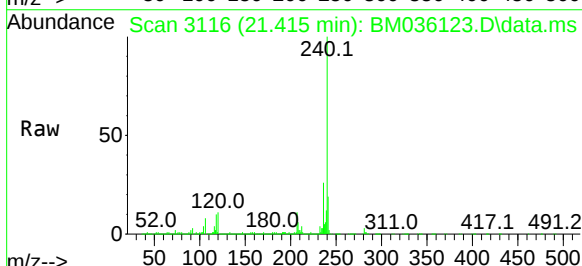
Tgt Ion:240 Resp: 1375476

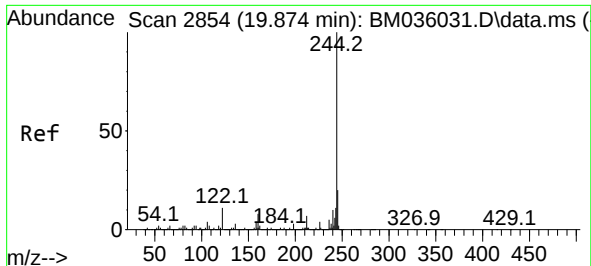
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.0

236 25.9 20.6 30.8

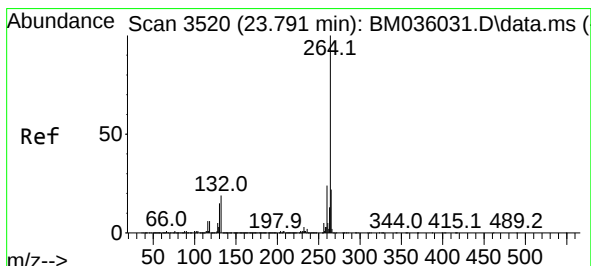
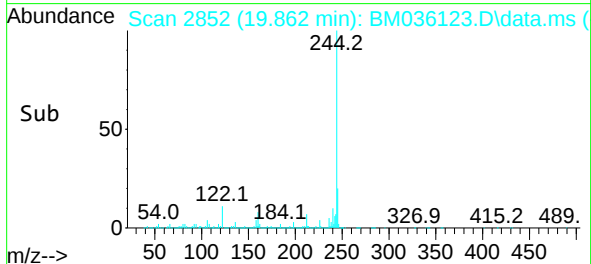
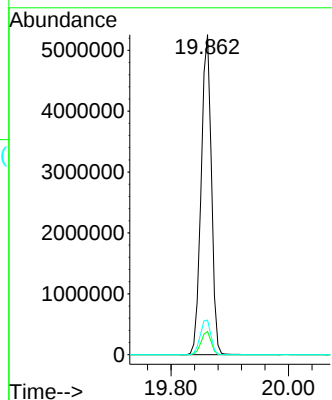
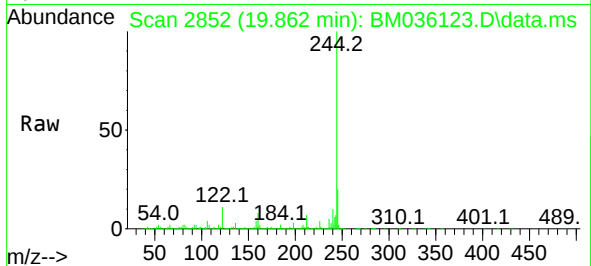




#79
 Terphenyl-d14
 Concen: 90.971 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036123.D
 Acq: 05 Aug 2022 17:28

Instrument :
 BNA_M
 ClientSampleId :
 PB146797BL

Tgt Ion:244 Resp: 6343803
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 10.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.018 min
 Lab File: BM036123.D
 Acq: 05 Aug 2022 17:28

Tgt Ion:264 Resp: 1414454
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.5 17.5 26.3

