

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036055.D
 Acq On : 02 Aug 2022 17:10
 Operator : CG/JU
 Sample : N3976-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP1-0729

Quant Time: Aug 03 00:53:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	391616	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1605118	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	941387	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1826318	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1370427	20.000	ng	0.00
86) Perylene-d12	23.791	264	1159925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3495090	144.694	ng	0.01
7) Phenol-d6	7.045	99	3959037	128.810	ng	0.00
23) Nitrobenzene-d5	9.039	82	2864266	99.888	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1699937	153.928	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	6236145	97.808	ng	0.00
79) Terphenyl-d14	19.874	244	8328578	119.872	ng	0.00

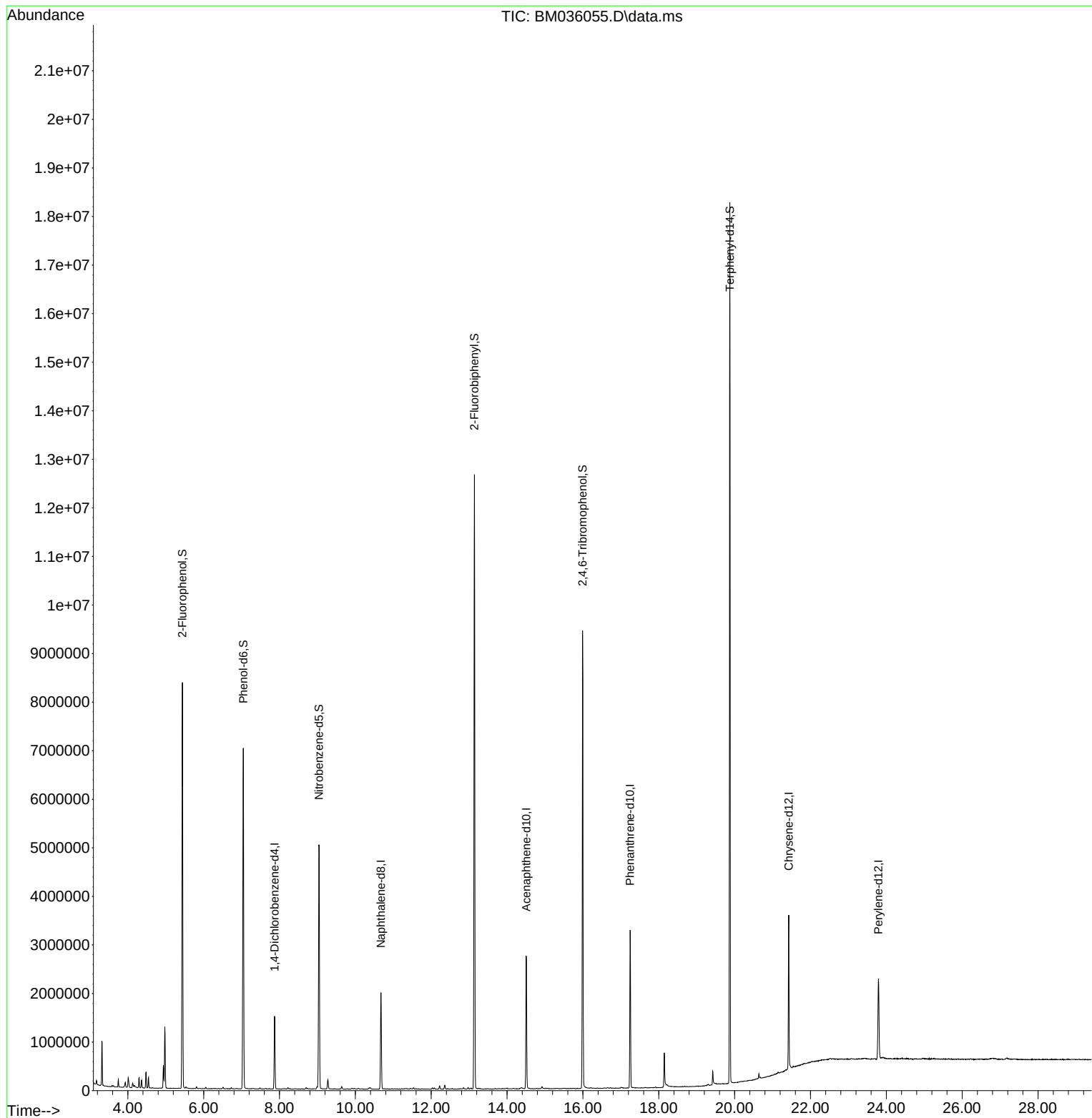
Target Compounds	Qvalue

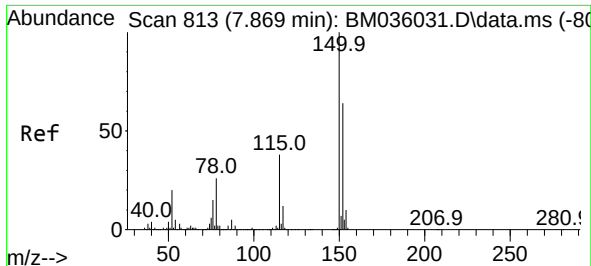
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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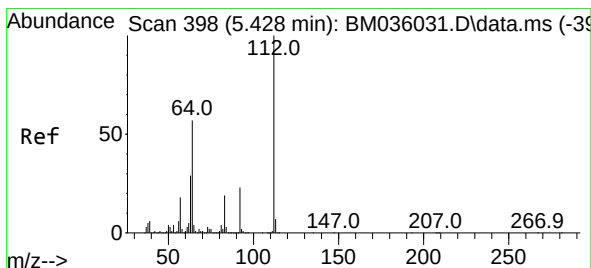
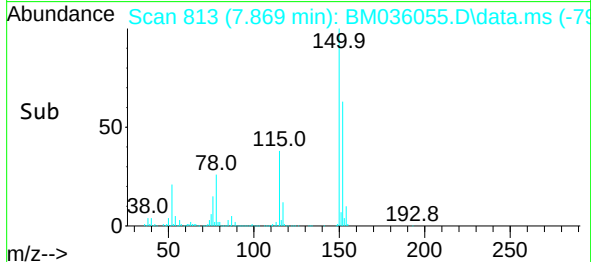
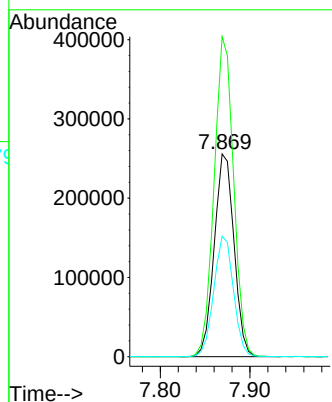
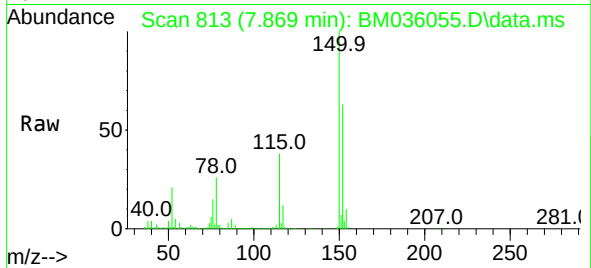




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM036055.D
Acq: 02 Aug 2022 17:10

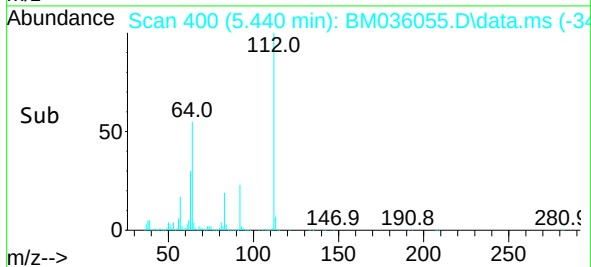
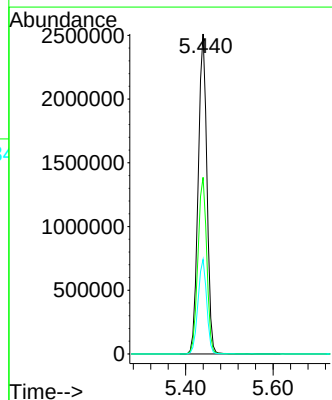
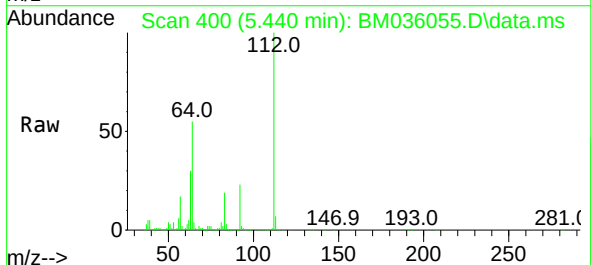
Instrument :
BNA_M
ClientSampleId :
TP1-0729

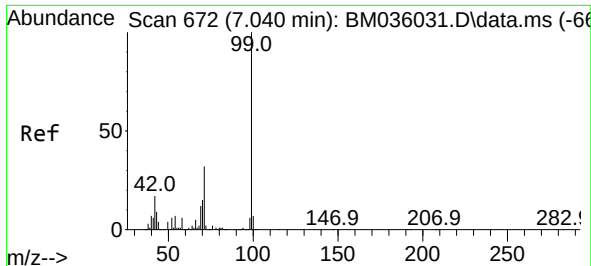
Tgt Ion:152 Resp: 391616
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 59.3 47.9 71.9



#5
2-Fluorophenol
Concen: 144.694 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.012 min
Lab File: BM036055.D
Acq: 02 Aug 2022 17:10

Tgt Ion:112 Resp: 3495090
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 29.6 26.6 40.0

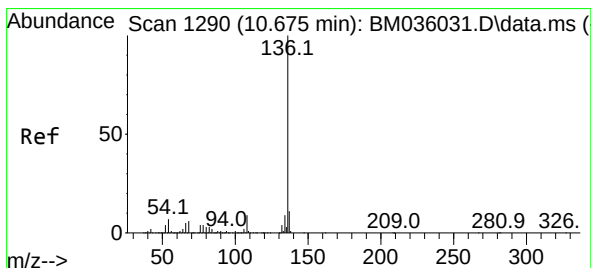
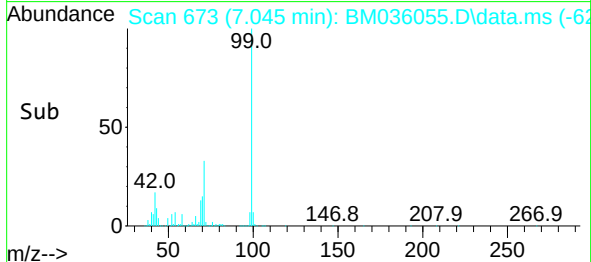
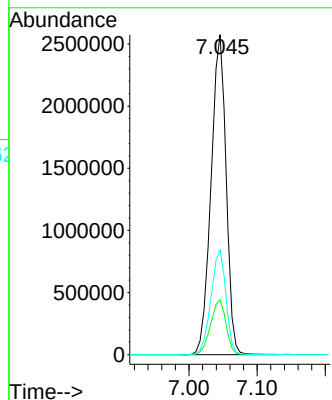
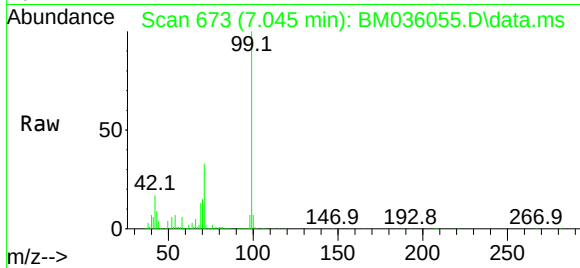




#7
Phenol-d6
Concen: 128.810 ng
RT: 7.045 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM036055.D
Acq: 02 Aug 2022 17:10

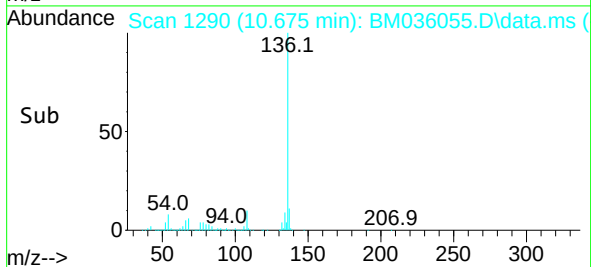
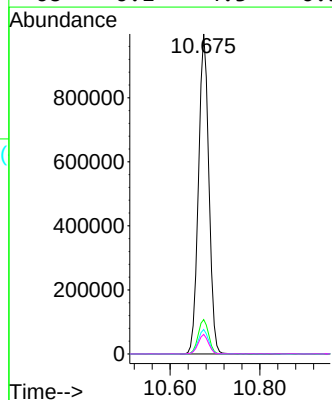
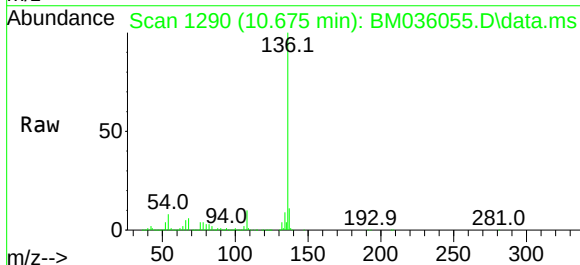
Instrument :
BNA_M
ClientSampleId :
TP1-0729

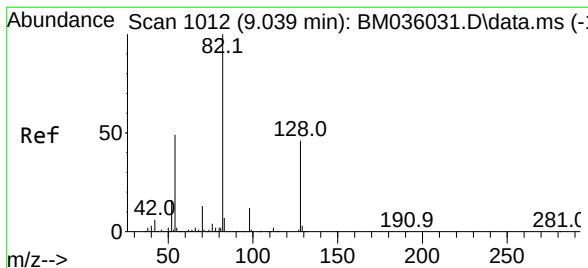
Tgt Ion: 99 Resp: 3959037
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM036055.D
Acq: 02 Aug 2022 17:10

Tgt Ion:136 Resp: 1605118
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 7.0 10.4
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 99.888 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BM036055.D

Acq: 02 Aug 2022 17:10

Instrument :

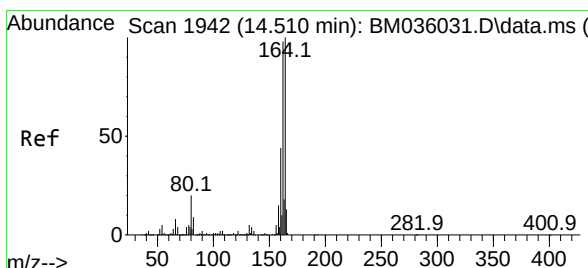
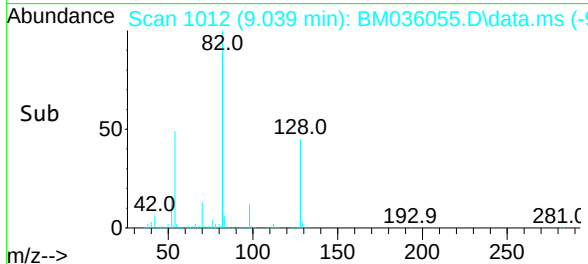
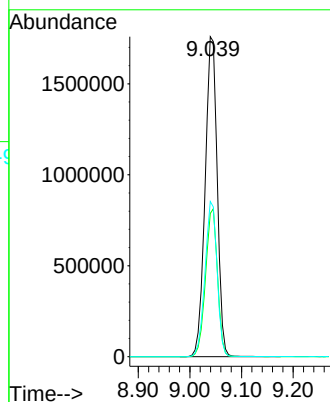
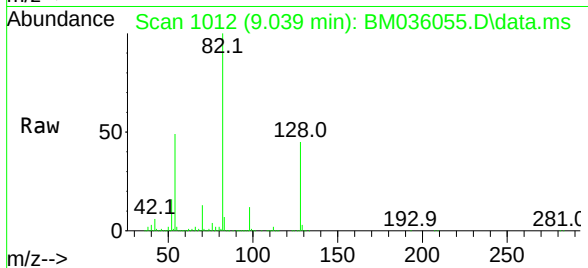
BNA_M

ClientSampleId :

TP1-0729

Tgt Ion: 82 Resp: 2864266

Ion	Ratio	Lower	Upper
82	100		
128	44.8	33.7	50.5
54	48.5	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

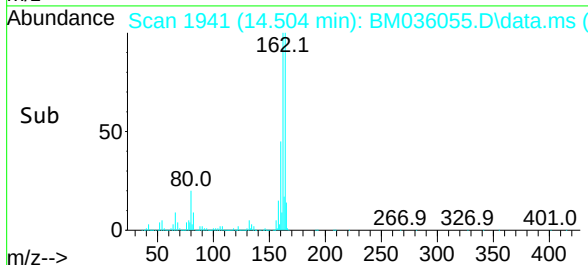
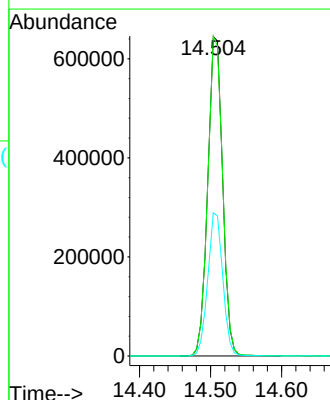
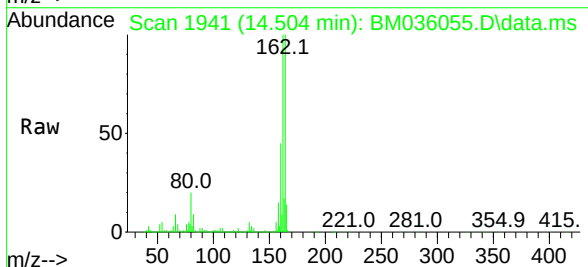
Delta R.T. -0.006 min

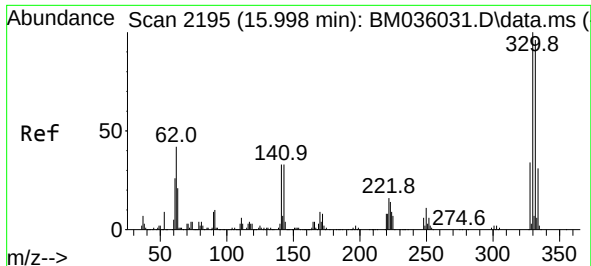
Lab File: BM036055.D

Acq: 02 Aug 2022 17:10

Tgt Ion: 164 Resp: 941387

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.0	124.6
160	44.8	37.0	55.4

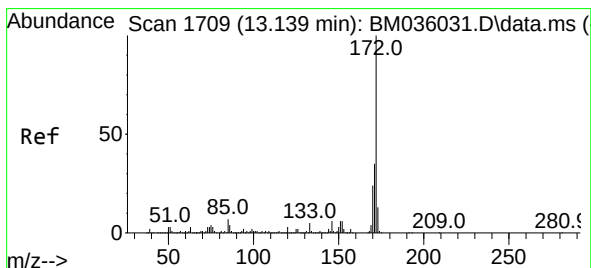
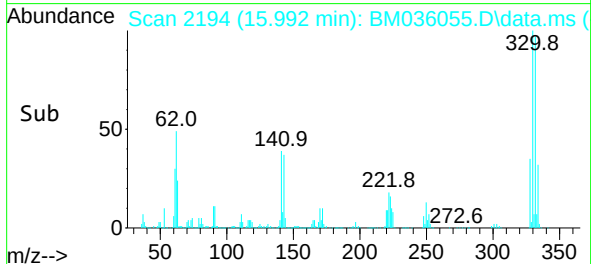
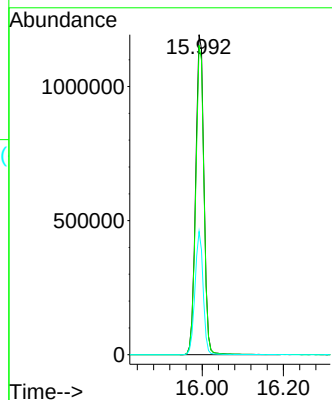
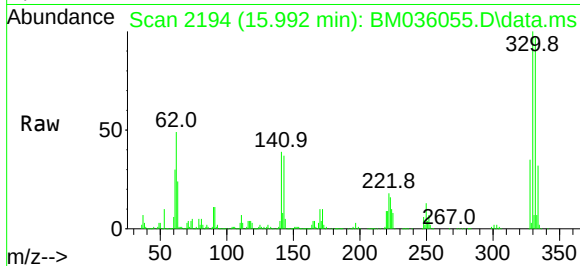




#42
2,4,6-Tribromophenol
Concen: 153.928 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM036055.D
Acq: 02 Aug 2022 17:10

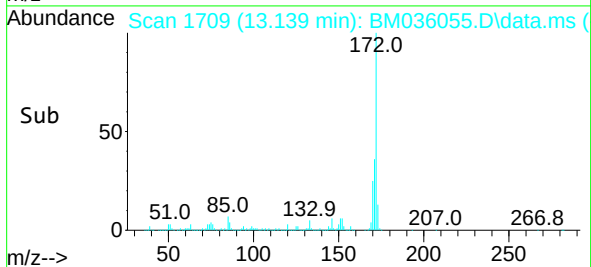
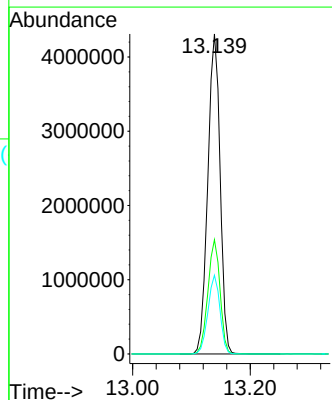
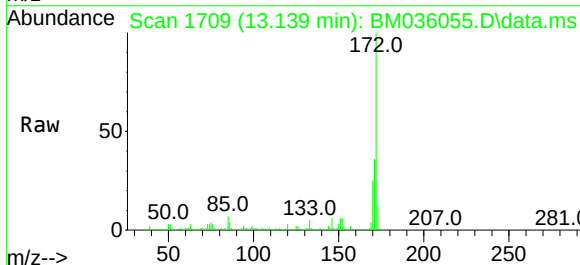
Instrument :
BNA_M
ClientSampleId :
TP1-0729

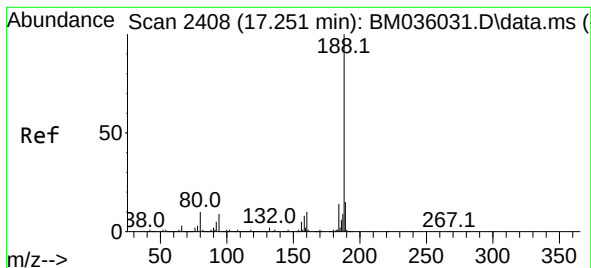
Tgt Ion:330 Resp: 1699937
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 37.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 97.808 ng
RT: 13.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BM036055.D
Acq: 02 Aug 2022 17:10

Tgt Ion:172 Resp: 6236145
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM036055.D

Acq: 02 Aug 2022 17:10

Instrument :

BNA_M

ClientSampleId :

TP1-0729

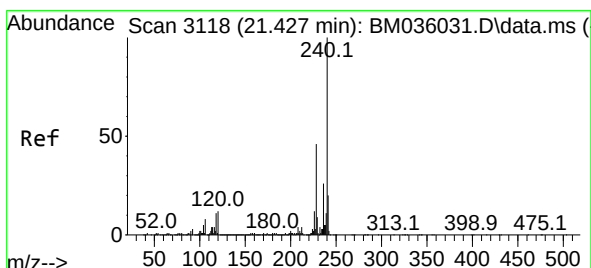
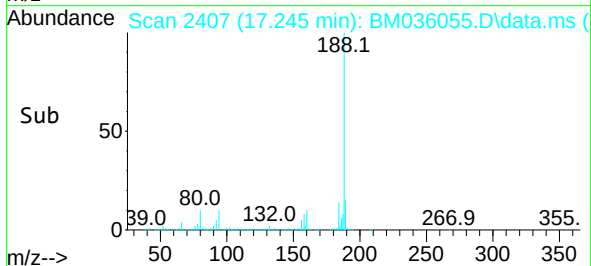
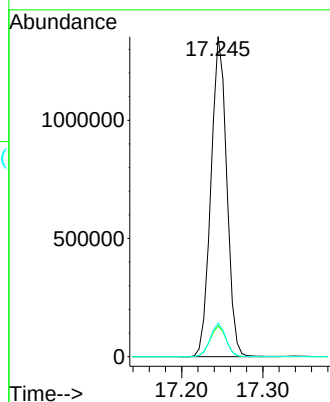
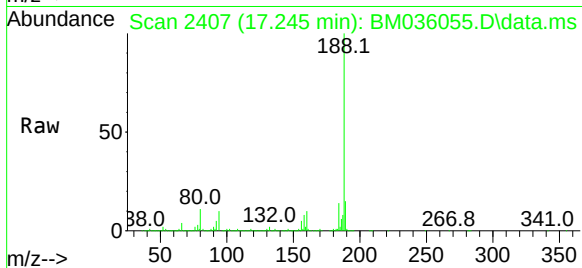
Tgt Ion:188 Resp: 1826318

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM036055.D

Acq: 02 Aug 2022 17:10

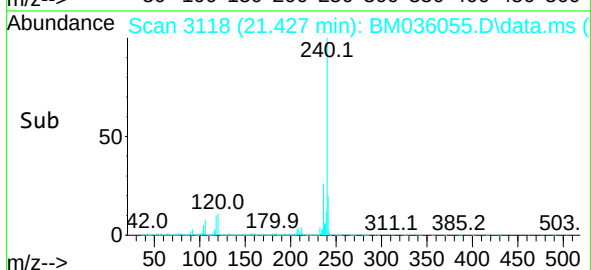
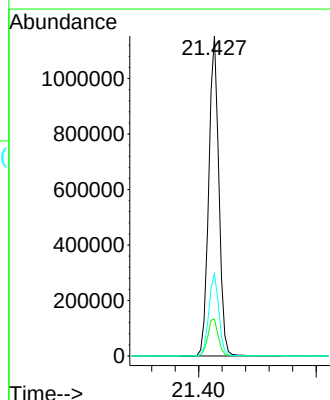
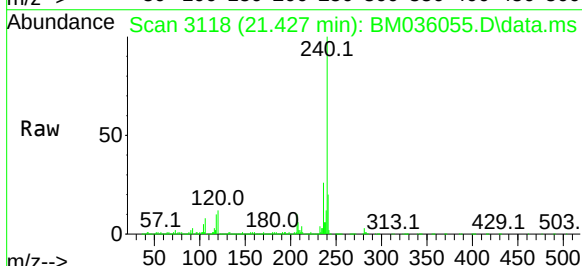
Tgt Ion:240 Resp: 1370427

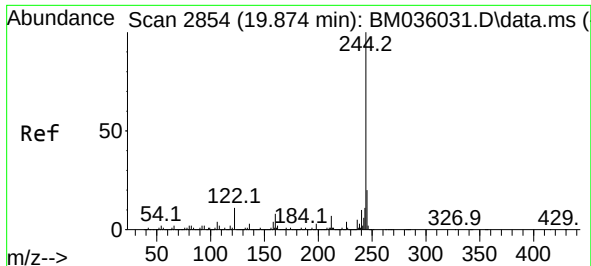
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

236 25.7 20.6 30.8

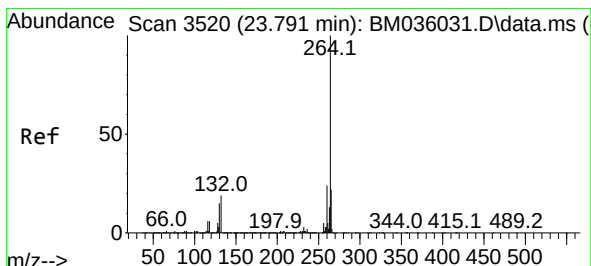
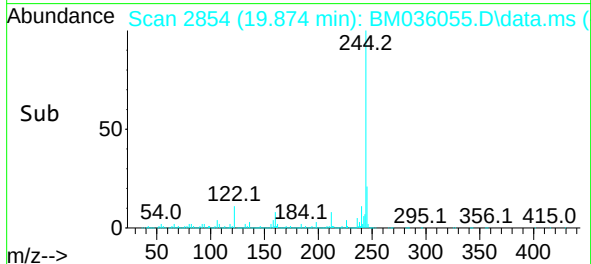
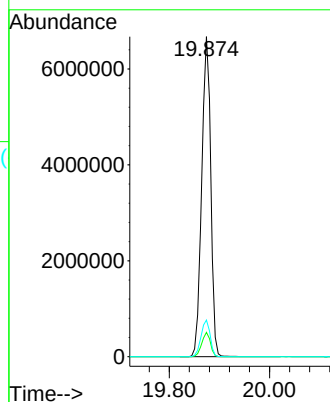
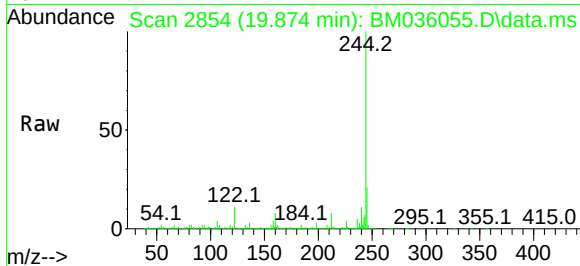




#79
 Terphenyl-d14
 Concen: 119.872 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036055.D
 Acq: 02 Aug 2022 17:10

Instrument :
 BNA_M
 ClientSampleId :
 TP1-0729

Tgt Ion:244 Resp: 8328578
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 3520
 Delta R.T. 0.000 min
 Lab File: BM036055.D
 Acq: 02 Aug 2022 17:10

Tgt Ion:264 Resp: 1159925
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.3 17.5 26.3

