

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040345.D
 Acq On : 21 Jun 2023 21:32
 Operator : MA/JU
 Sample : PB153484BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 04:39:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	282171	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1130974	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	587465	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	980891	20.000	ng	0.00
76) Chrysene-d12	21.515	240	609408	20.000	ng	0.00
86) Perylene-d12	23.933	264	645822	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1726254	94.853	ng	0.00
7) Phenol-d6	7.122	99	2144671	86.436	ng	0.00
23) Nitrobenzene-d5	9.128	82	1930157	89.365	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	405490	49.479	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3593865	83.971	ng	0.00
79) Terphenyl-d14	19.956	244	3461021	110.354	ng	0.00

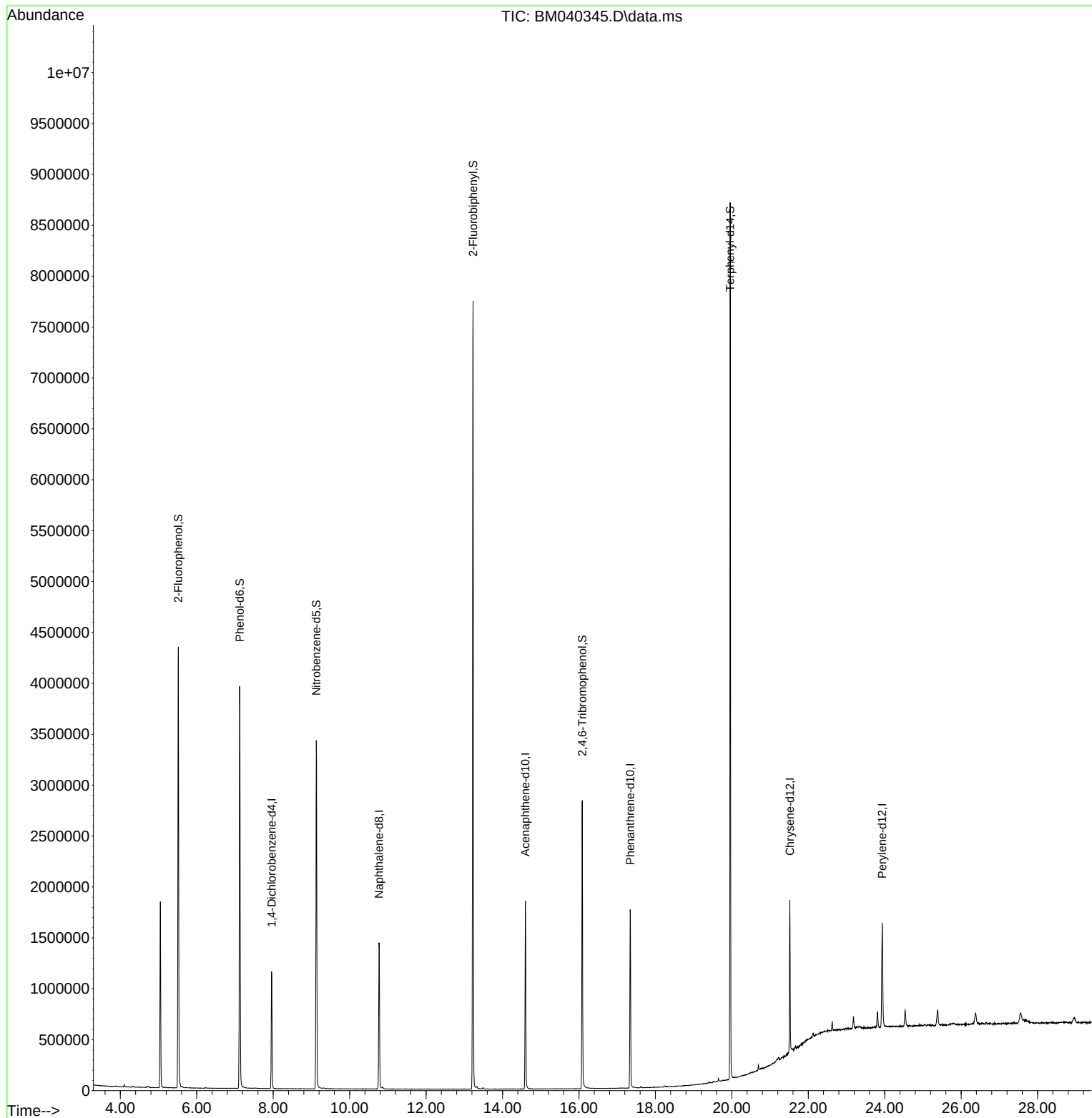
Target Compounds	Qvalue

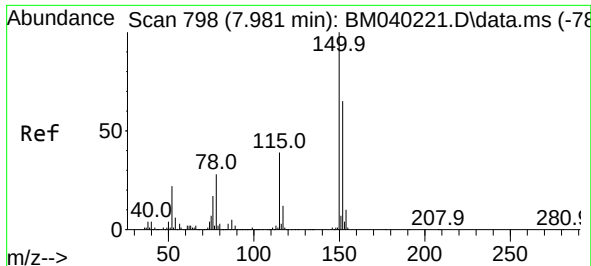
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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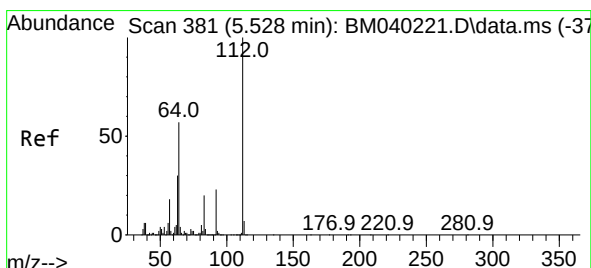
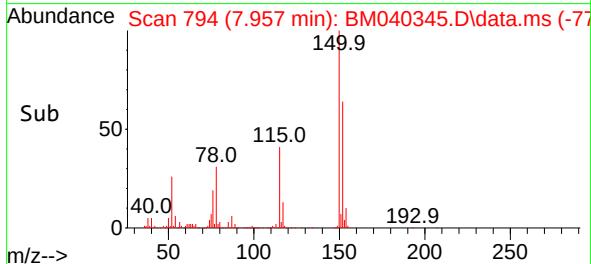
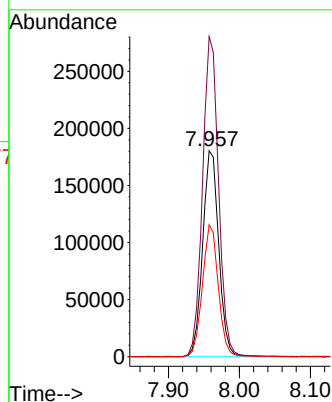
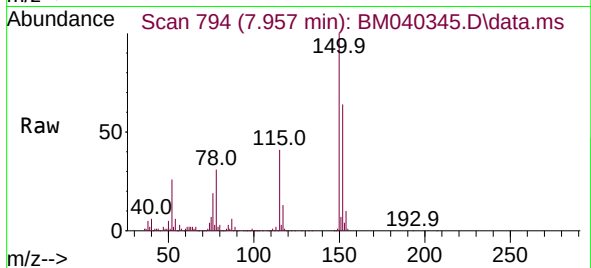




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

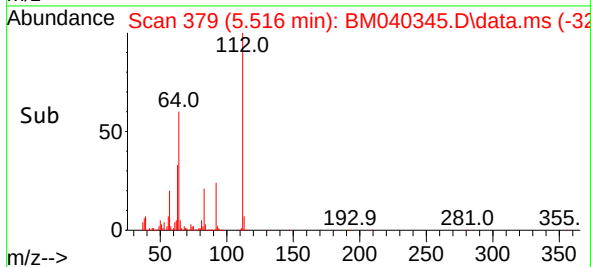
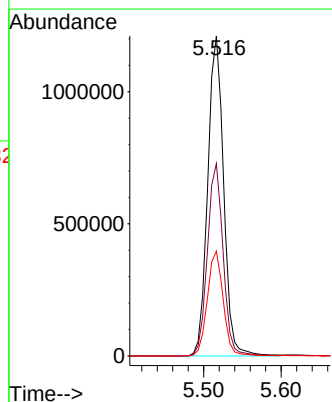
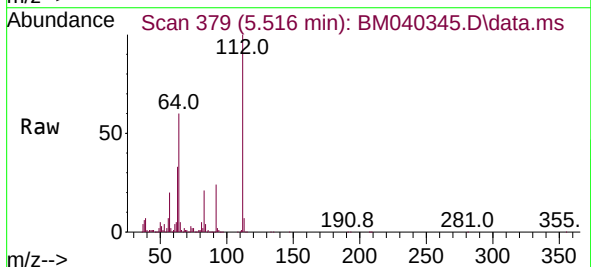
Instrument :
BNA_M
ClientSampleId :

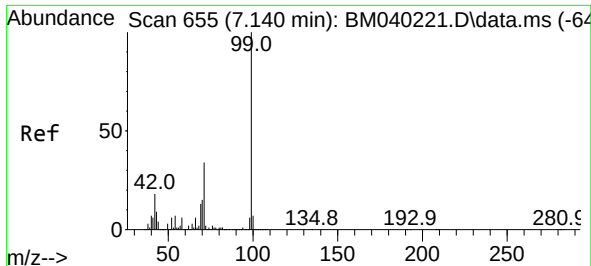
Tgt Ion:152 Resp: 282171
Ion Ratio Lower Upper
152 100
150 155.4 122.5 183.7
115 64.0 47.9 71.9



#5
2-Fluorophenol
Concen: 94.853 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion:112 Resp: 1726254
Ion Ratio Lower Upper
112 100
64 60.1 45.2 67.8
63 32.7 24.2 36.4

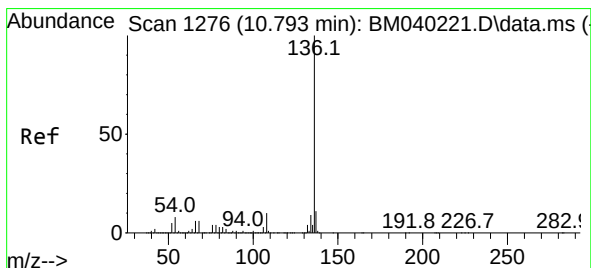
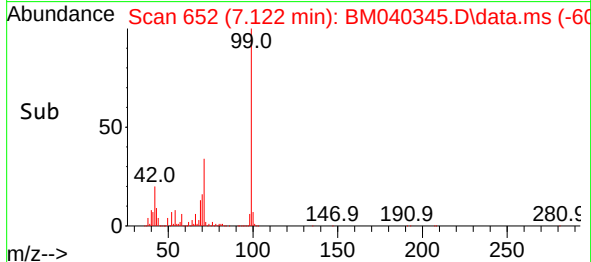
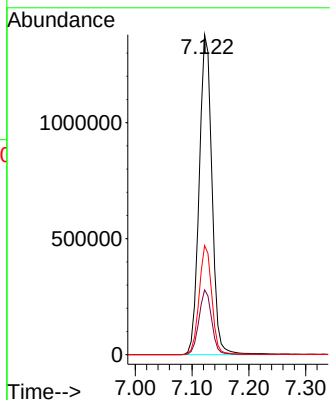
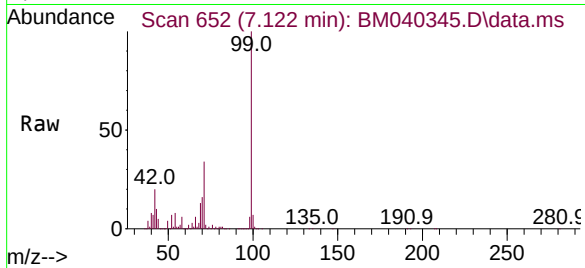




#7
Phenol-d6
Concen: 86.436 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

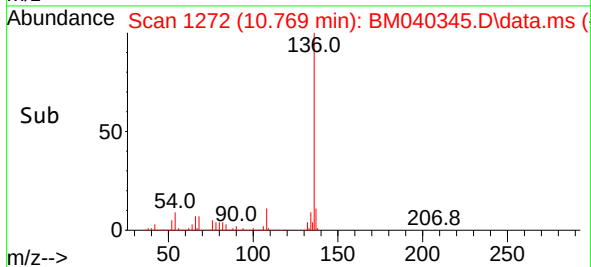
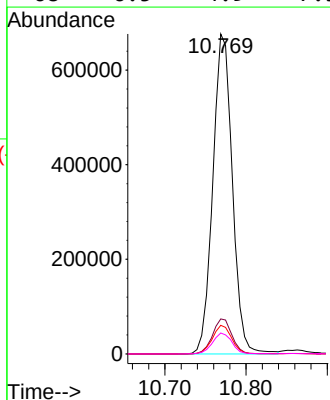
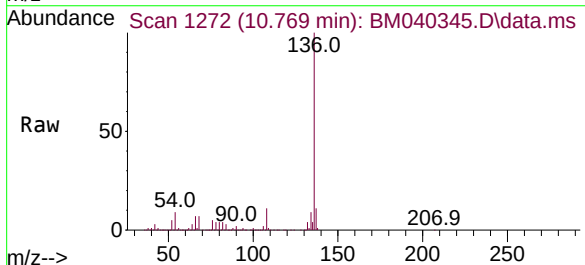
Instrument :
BNA_M
ClientSampleId :

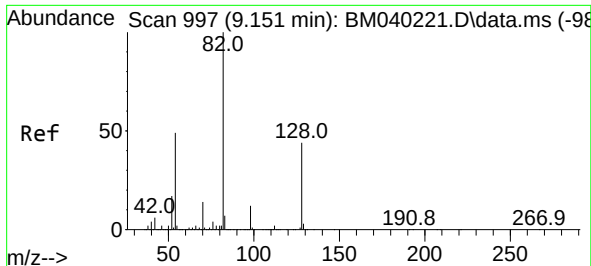
Tgt Ion: 99 Resp: 2144671
Ion Ratio Lower Upper
99 100
42 20.2 14.5 21.7
71 34.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

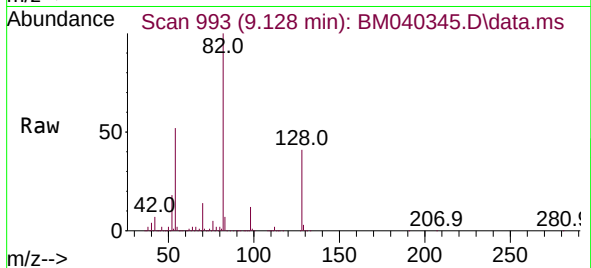
Tgt Ion: 136 Resp: 1130974
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 6.2 9.4
68 6.5 4.9 7.3





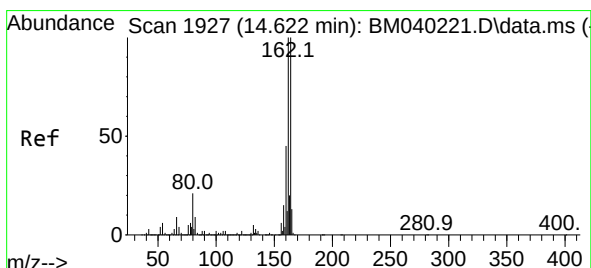
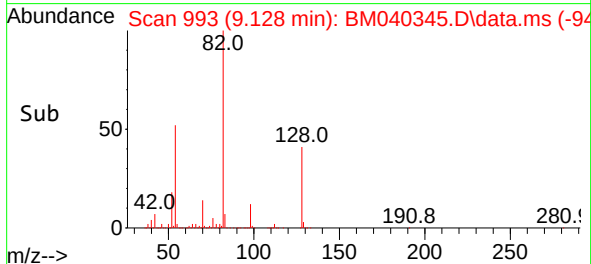
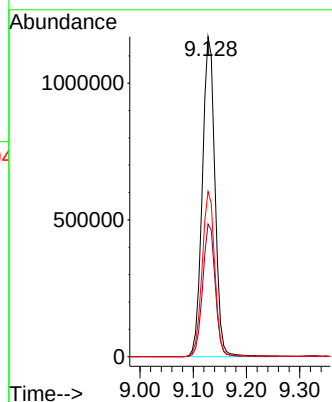
#23
Nitrobenzene-d5
Concen: 89.365 ng
RT: 9.128 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 82 Resp: 1930157

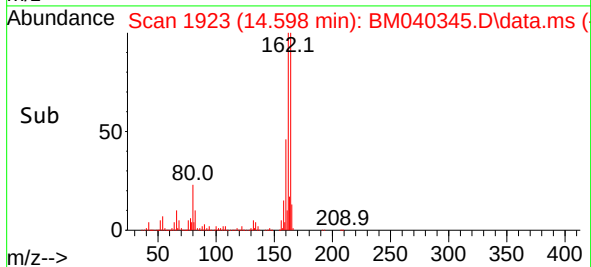
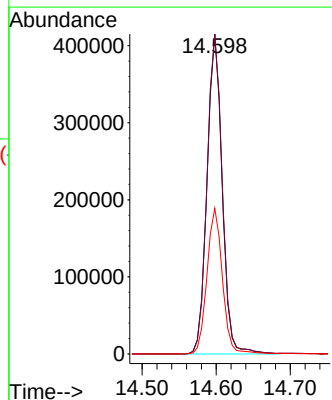
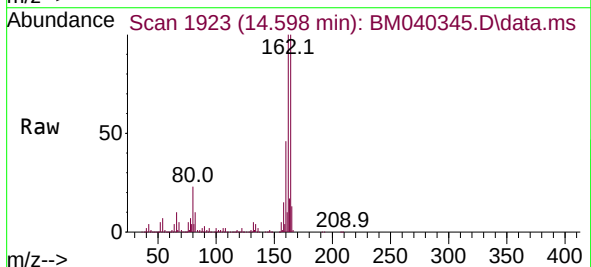
Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.3	52.9
54	51.6	39.5	59.3

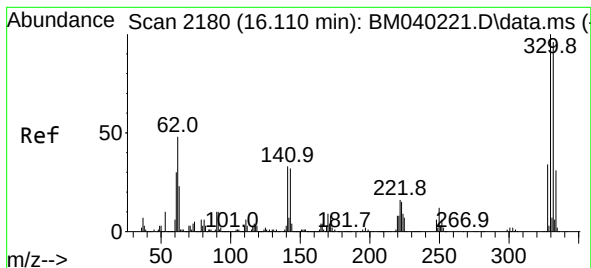


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion: 164 Resp: 587465

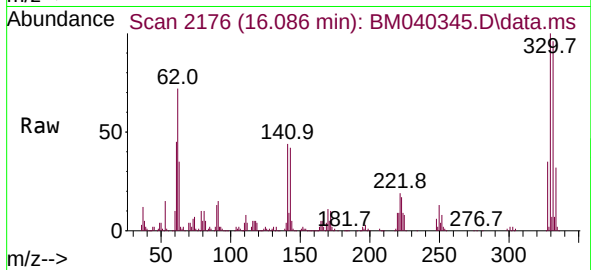
Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	45.5	36.2	54.2



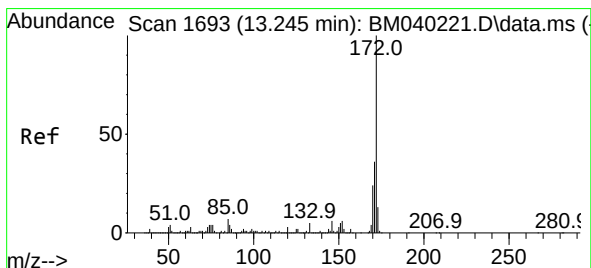
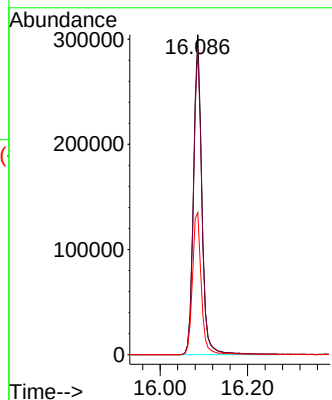
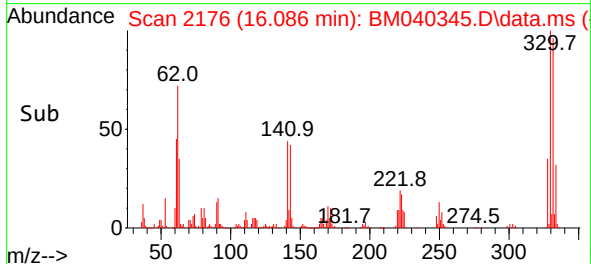


#42
2,4,6-Tribromophenol
Concen: 49.479 ng
RT: 16.086 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

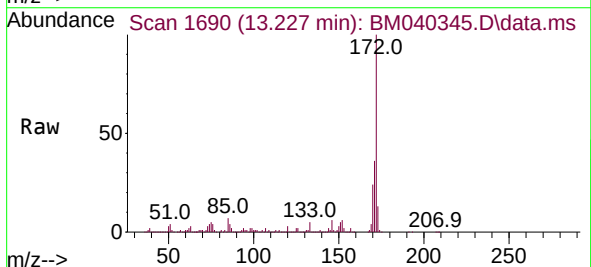
Instrument :
BNA_M
ClientSampleId :



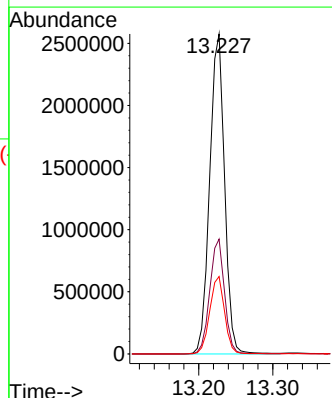
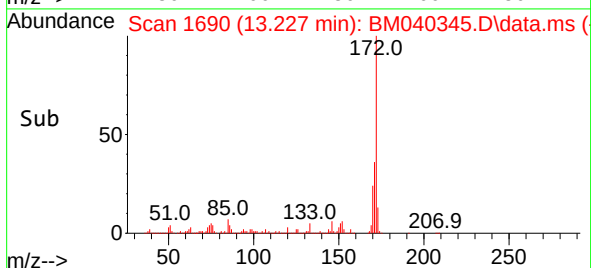
Tgt Ion:330 Resp: 405490
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 47.2 30.0 45.0#

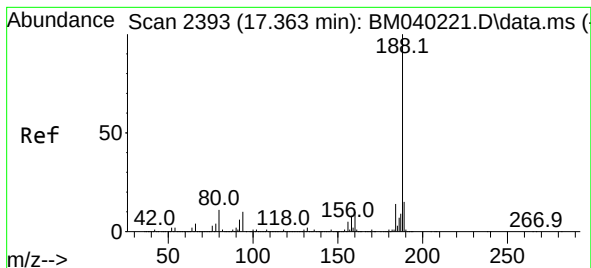


#45
2-Fluorobiphenyl
Concen: 83.971 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32



Tgt Ion:172 Resp: 3593865
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.2 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BM040345.D

Acq: 21 Jun 2023 21:32

Instrument :

BNA_M

ClientSampleId :

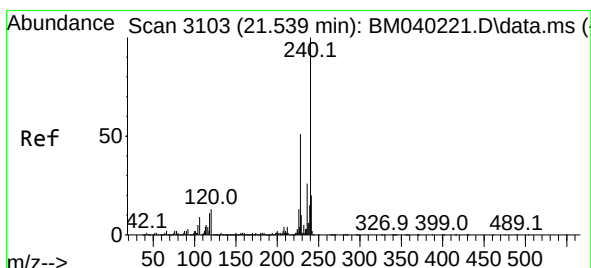
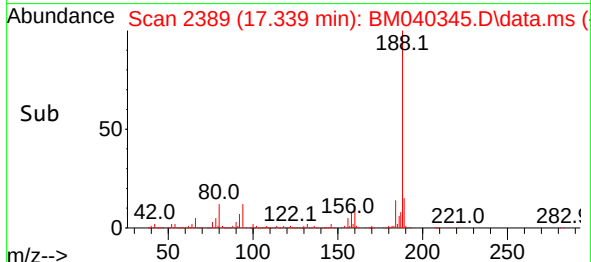
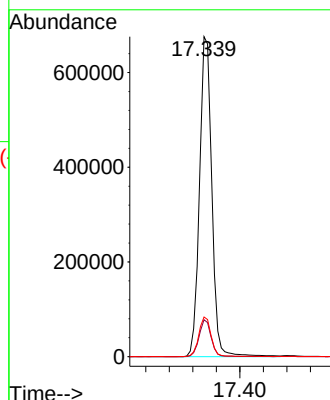
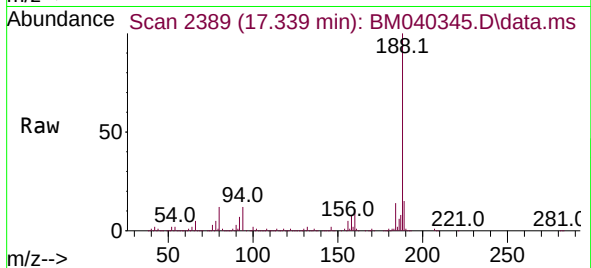
Tgt Ion:188 Resp: 980891

Ion Ratio Lower Upper

188 100

94 11.5 7.8 11.6

80 12.4 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM040345.D

Acq: 21 Jun 2023 21:32

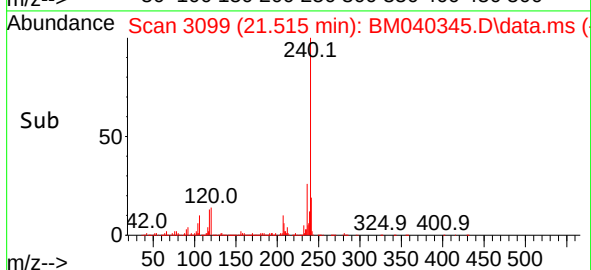
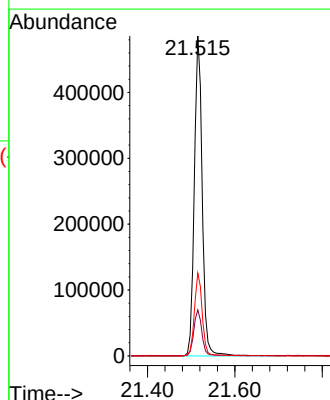
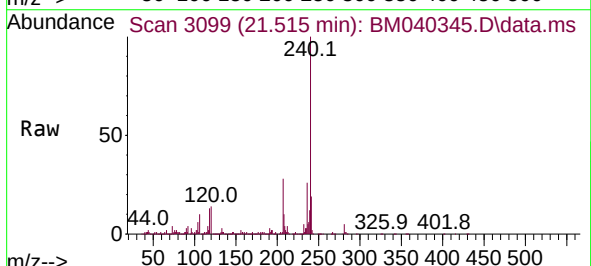
Tgt Ion:240 Resp: 609408

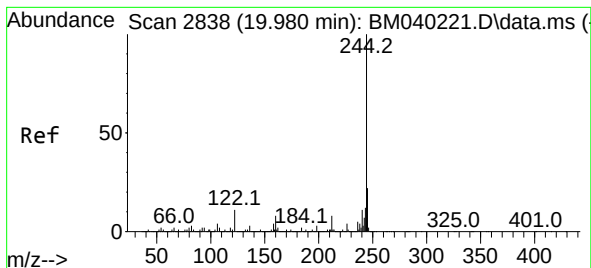
Ion Ratio Lower Upper

240 100

120 14.4 10.1 15.1

236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 110.354 ng

RT: 19.956 min Scan# 2834

Delta R.T. -0.006 min

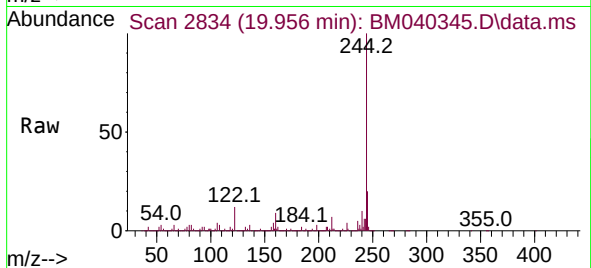
Lab File: BM040345.D

Acq: 21 Jun 2023 21:32

Instrument :

BNA_M

ClientSampleId :



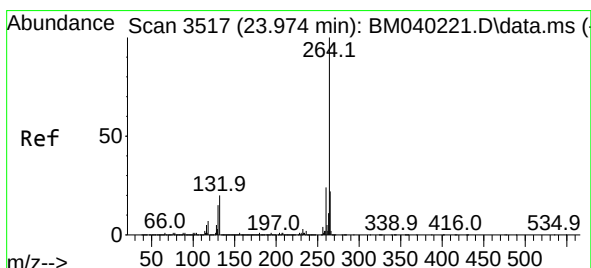
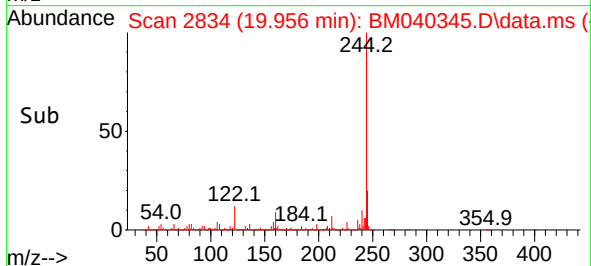
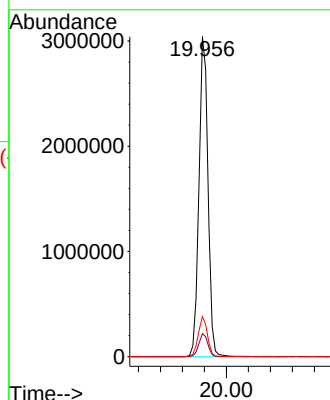
Tgt Ion:244 Resp: 3461021

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 12.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3510

Delta R.T. -0.012 min

Lab File: BM040345.D

Acq: 21 Jun 2023 21:32

Tgt Ion:264 Resp: 645822

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.0 17.5 26.3

