

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040334.D
 Acq On : 21 Jun 2023 14:29
 Operator : MA/JU
 Sample : PB153189BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 04:34:59 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	7.963	152	268122	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1088600	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	568372	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	976325	20.000	ng	0.00
76) Chrysene-d12	21.521	240	666395	20.000	ng	0.00
86) Perylene-d12	23.938	264	657014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1776970	102.756	ng	0.00
7) Phenol-d6	7.128	99	2208267	93.663	ng	0.00
23) Nitrobenzene-d5	9.133	82	1965842	94.560	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	439492	55.430	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3675311	88.759	ng	0.00
79) Terphenyl-d14	19.962	244	3815282	111.246	ng	0.00

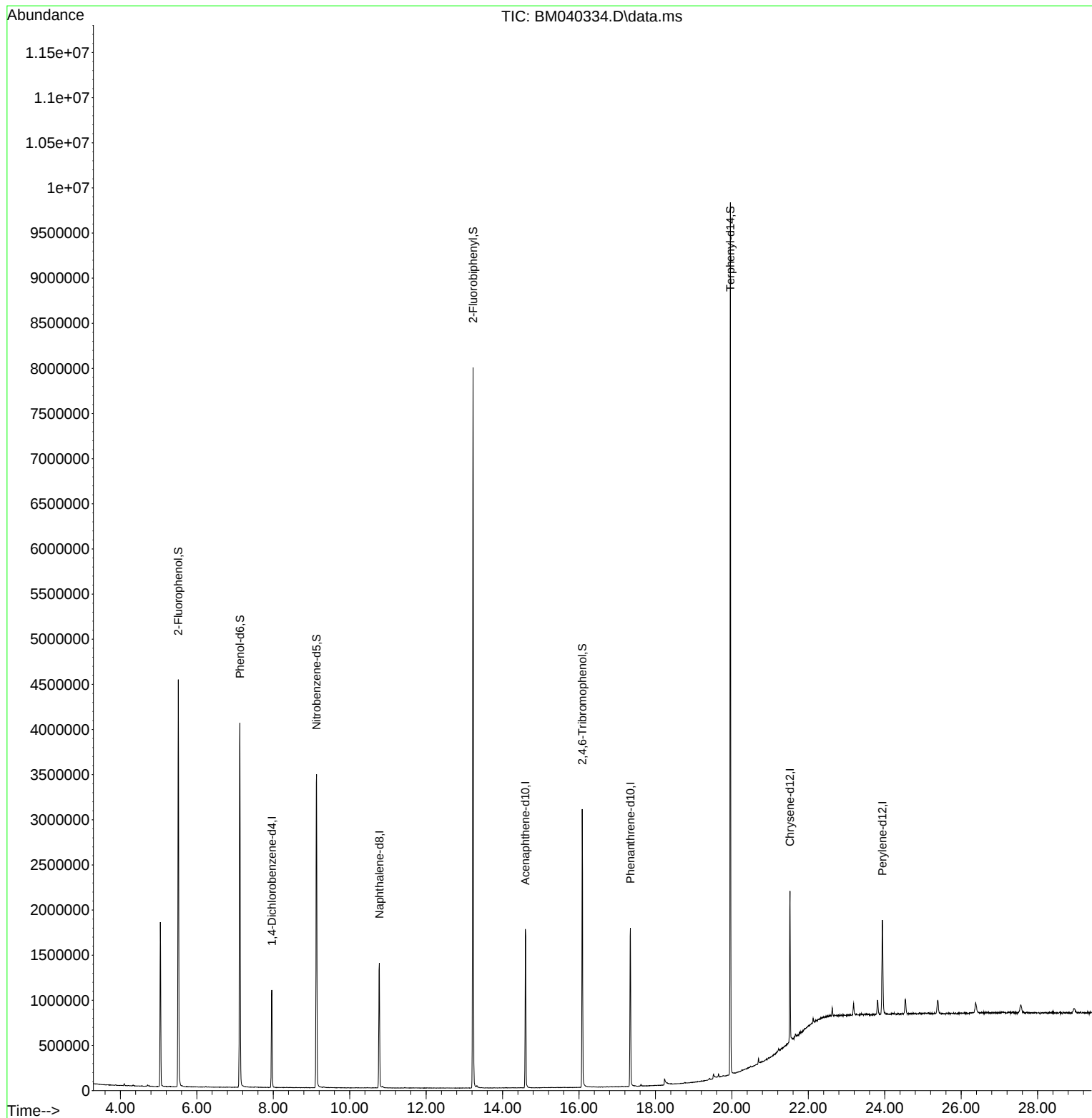
Target Compounds	Qvalue

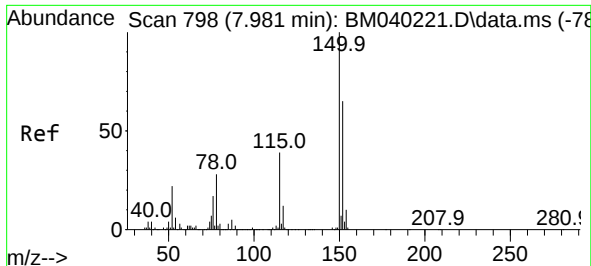
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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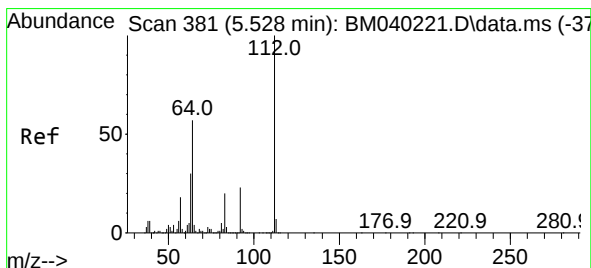
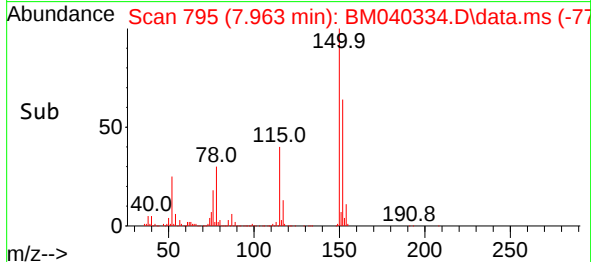
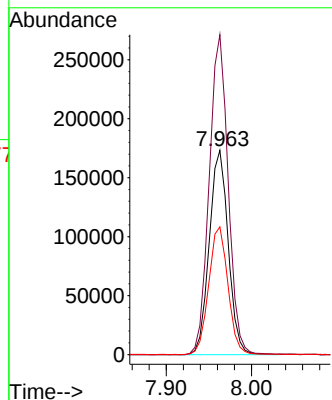
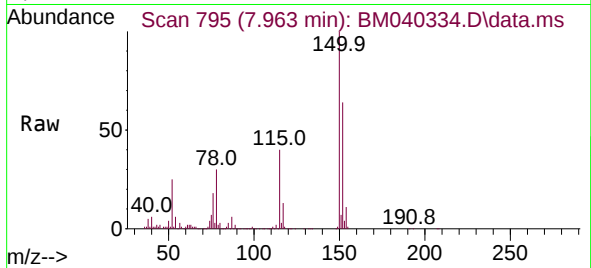




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

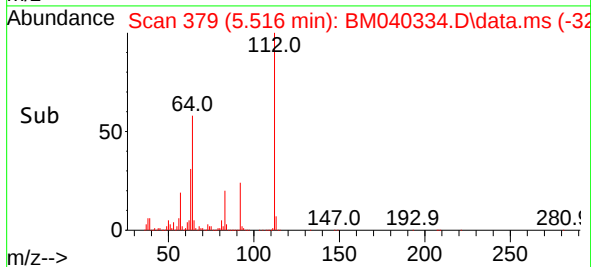
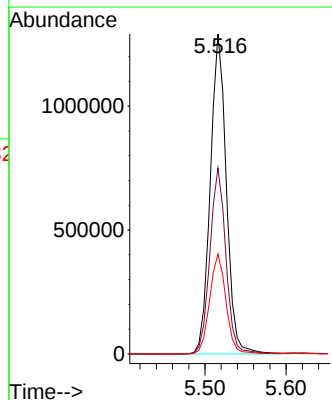
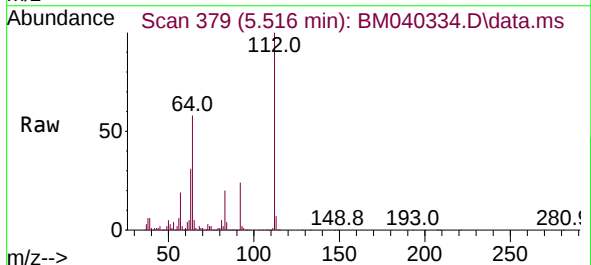
Instrument :
BNA_M
ClientSampleId :

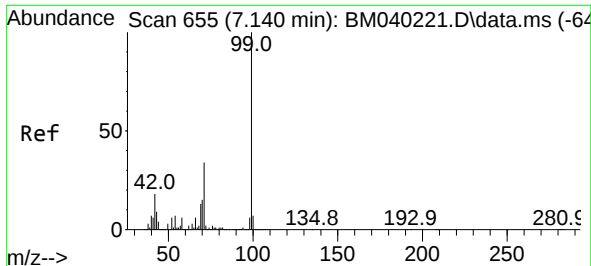
Tgt Ion:152 Resp: 268122
Ion Ratio Lower Upper
152 100
150 156.6 122.5 183.7
115 62.5 47.9 71.9



#5
2-Fluorophenol
Concen: 102.756 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

Tgt Ion:112 Resp: 1776970
Ion Ratio Lower Upper
112 100
64 58.0 45.2 67.8
63 31.2 24.2 36.4

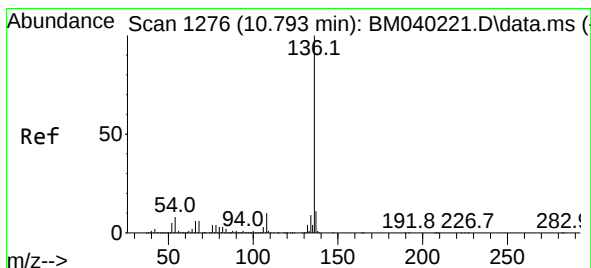
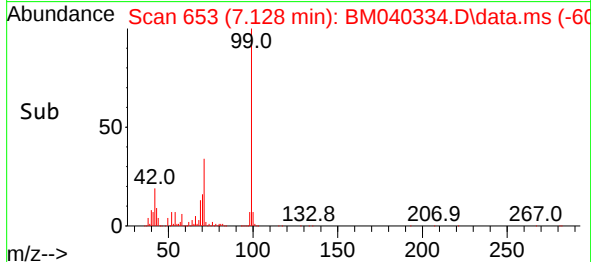
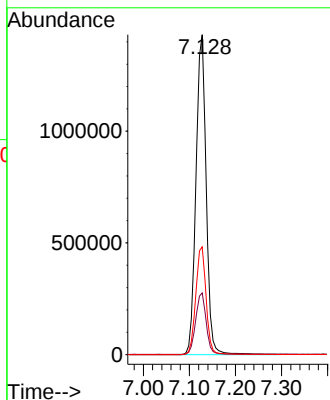
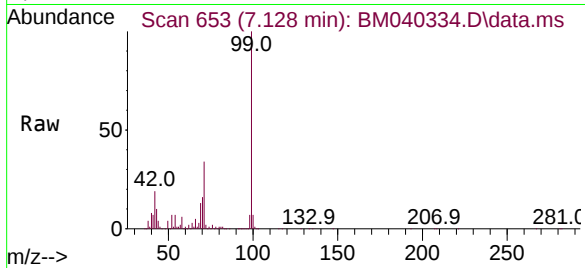




#7
Phenol-d6
Concen: 93.663 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

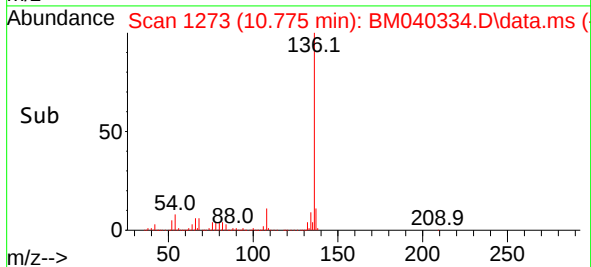
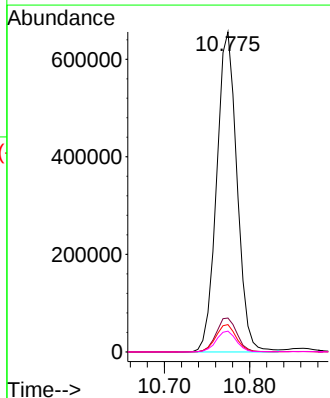
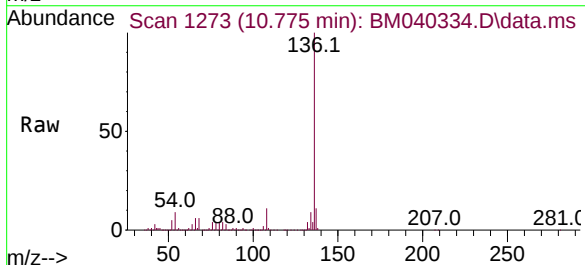
Instrument :
BNA_M
ClientSampleId :

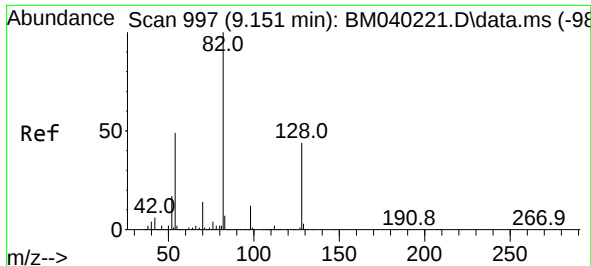
Tgt Ion: 99 Resp: 2208267
Ion Ratio Lower Upper
99 100
42 19.3 14.5 21.7
71 33.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

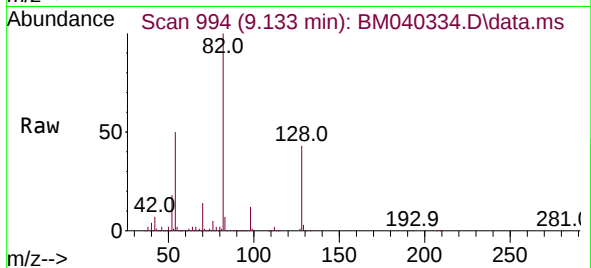
Tgt Ion: 136 Resp: 1088600
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.5 6.2 9.4
68 6.5 4.9 7.3





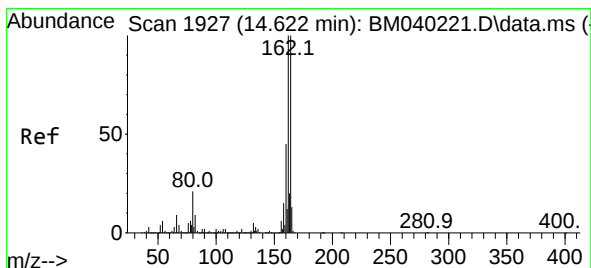
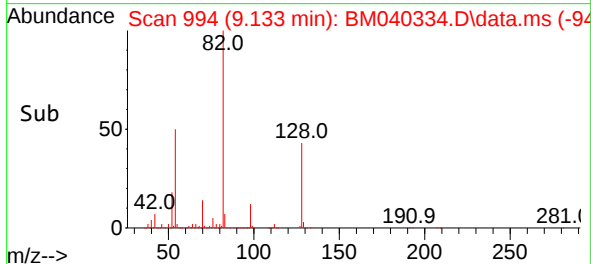
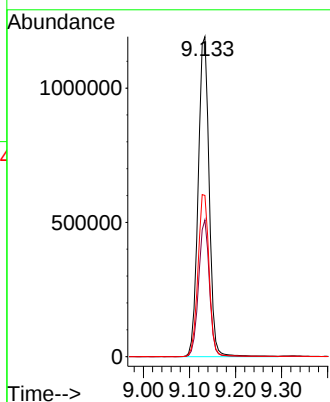
#23
Nitrobenzene-d5
Concen: 94.560 ng
RT: 9.133 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 82 Resp: 1965842

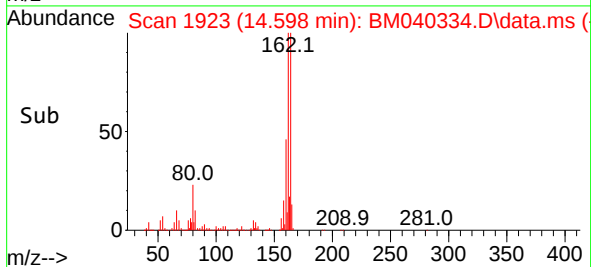
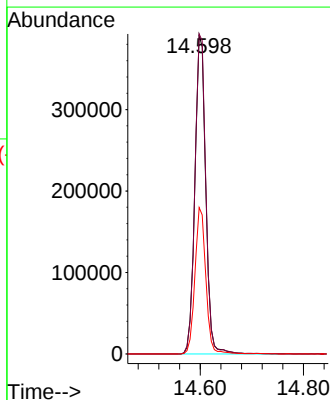
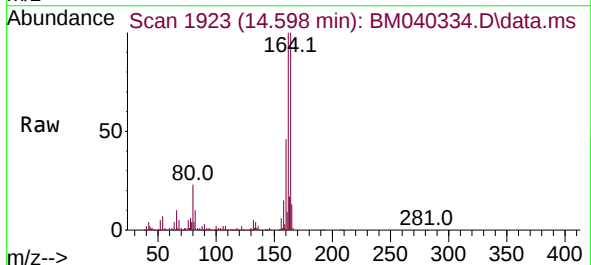
Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.3	52.9
54	50.4	39.5	59.3

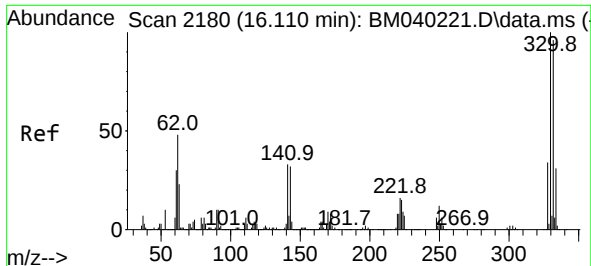


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

Tgt Ion:164 Resp: 568372

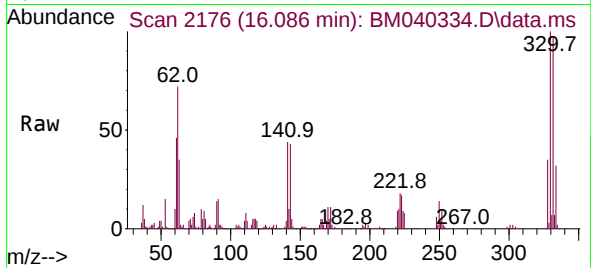
Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	45.9	36.2	54.2



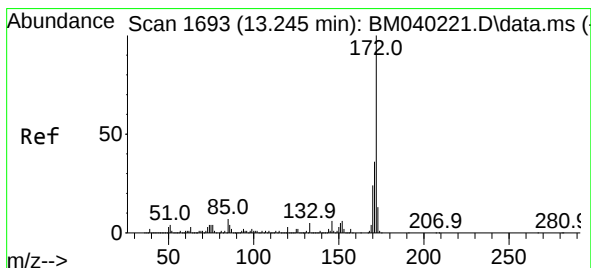
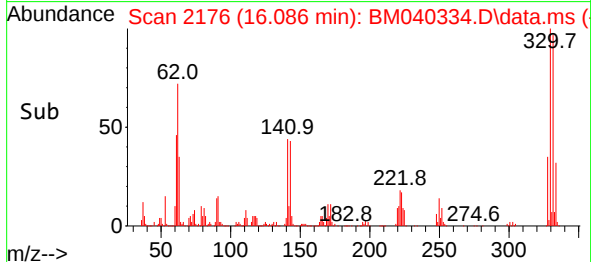
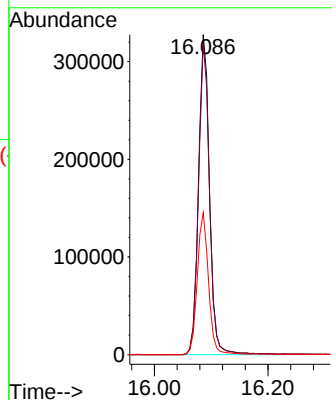


#42
2,4,6-Tribromophenol
Concen: 55.430 ng
RT: 16.086 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

Instrument :
BNA_M
ClientSampleId :

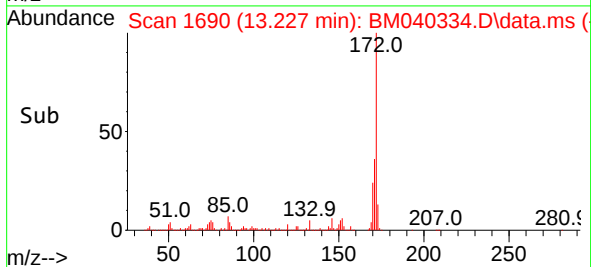
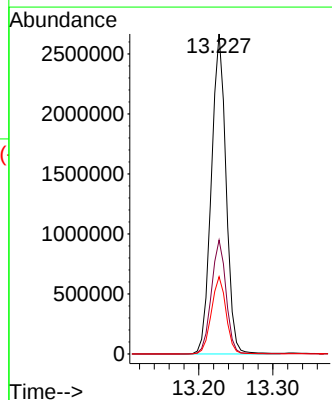
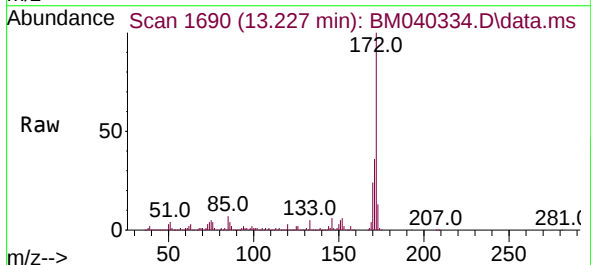


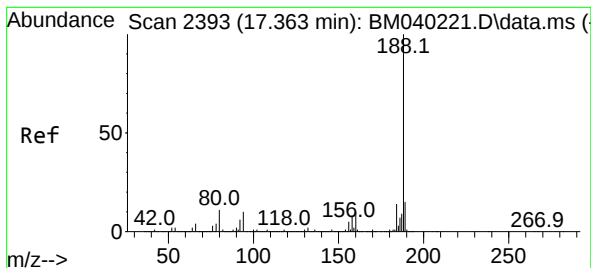
Tgt Ion:330 Resp: 439492
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 45.1 30.0 45.0#



#45
2-Fluorobiphenyl
Concen: 88.759 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040334.D
Acq: 21 Jun 2023 14:29

Tgt Ion:172 Resp: 3675311
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.1 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2390

Delta R.T. -0.000 min

Lab File: BM040334.D

Acq: 21 Jun 2023 14:29

Instrument :

BNA_M

ClientSampleId :

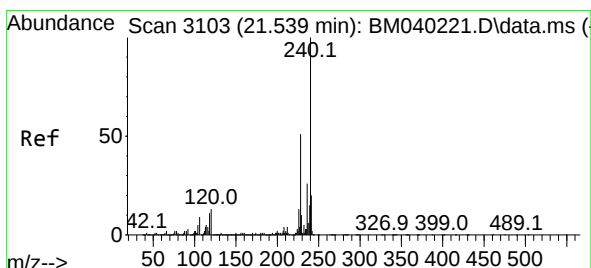
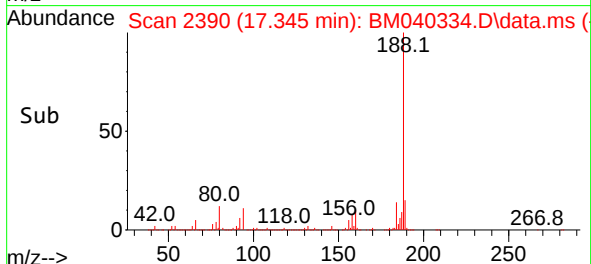
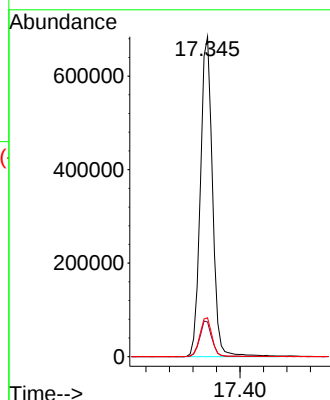
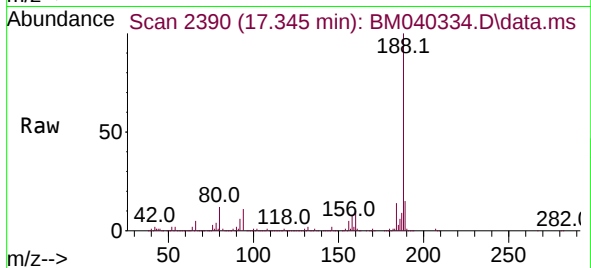
Tgt Ion:188 Resp: 976325

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

80 12.1 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM040334.D

Acq: 21 Jun 2023 14:29

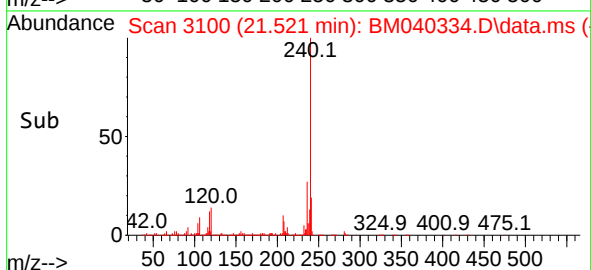
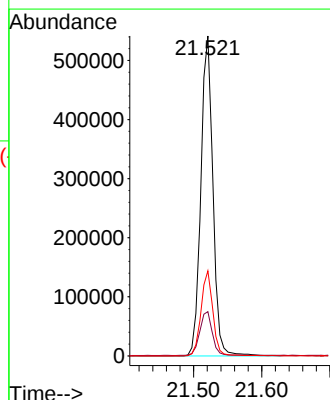
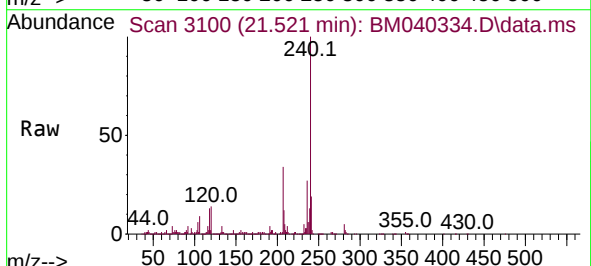
Tgt Ion:240 Resp: 666395

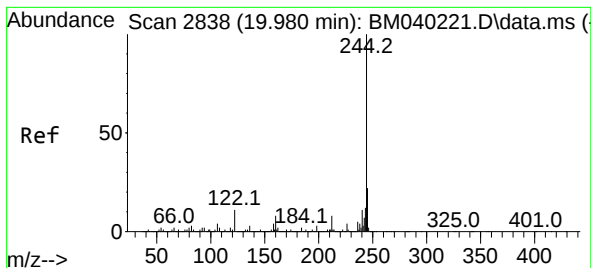
Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 111.246 ng

RT: 19.962 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM040334.D

Acq: 21 Jun 2023 14:29

Instrument :

BNA_M

ClientSampleId :

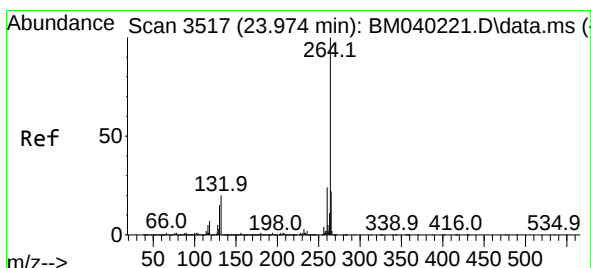
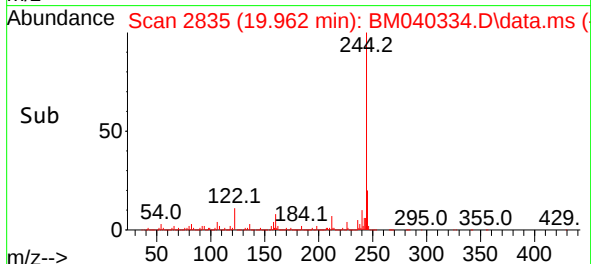
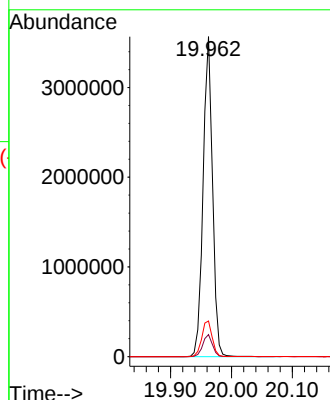
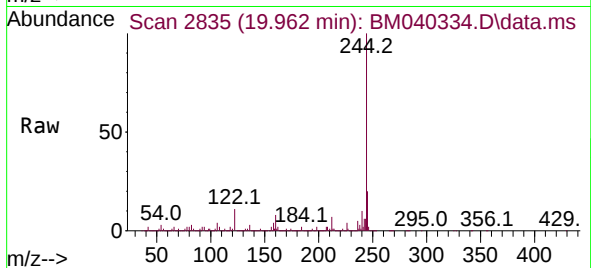
Tgt Ion:244 Resp: 3815282

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 11.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.938 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BM040334.D

Acq: 21 Jun 2023 14:29

Tgt Ion:264 Resp: 657014

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 22.8 17.5 26.3

