

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040337.D
 Acq On : 21 Jun 2023 16:39
 Operator : MA/JU
 Sample : PB153484BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 04:37:00 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	315147	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1335523	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	724718	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1252970	20.000	ng	0.00
76) Chrysene-d12	21.521	240	761160	20.000	ng	0.00
86) Perylene-d12	23.939	264	710209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2146414	105.599	ng	0.00
7) Phenol-d6	7.128	99	2707960	97.719	ng	0.00
23) Nitrobenzene-d5	9.134	82	2385783	93.542	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	580484	57.418	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4617520	87.456	ng	0.00
79) Terphenyl-d14	19.962	244	4787030	122.203	ng	0.00

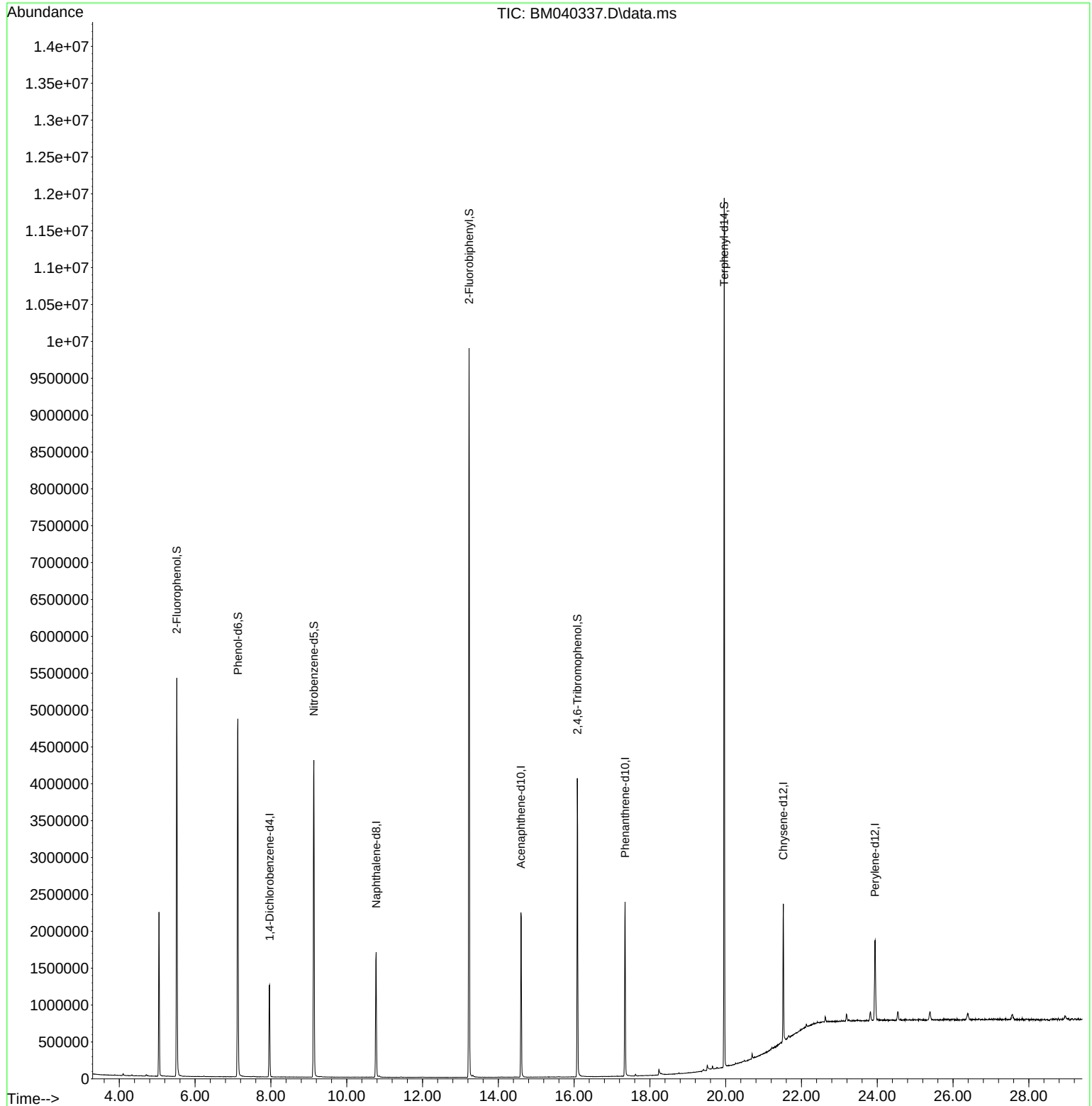
Target Compounds	Qvalue

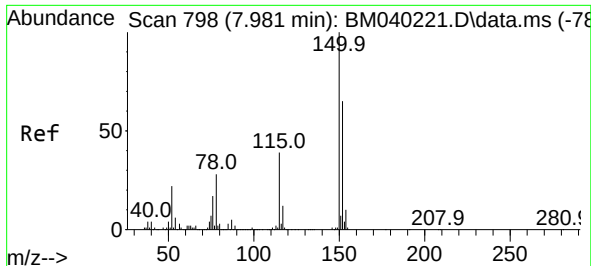
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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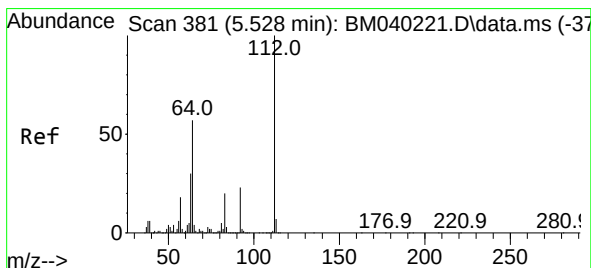
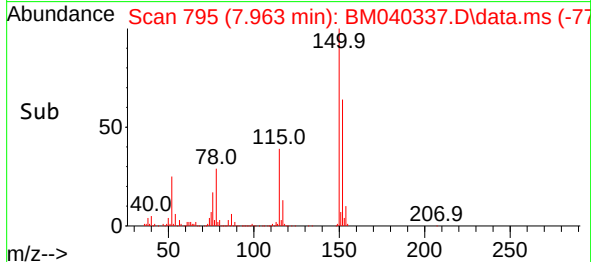
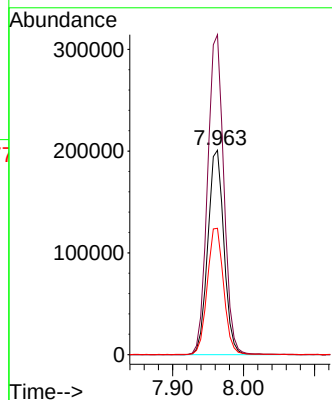
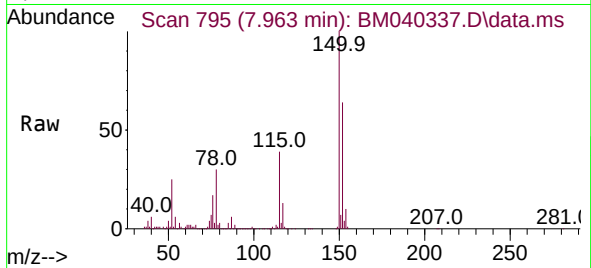




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

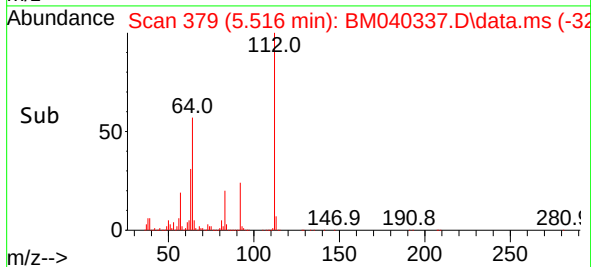
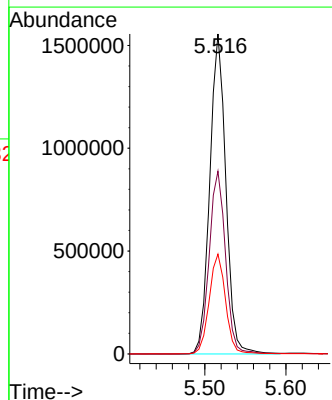
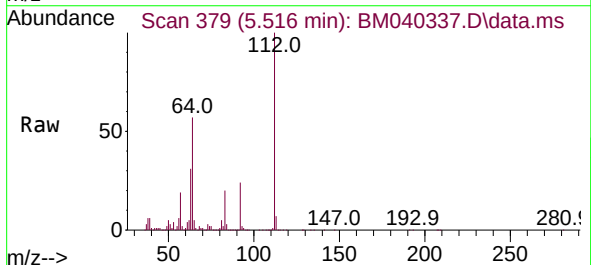
Instrument :
BNA_M
ClientSampleId :

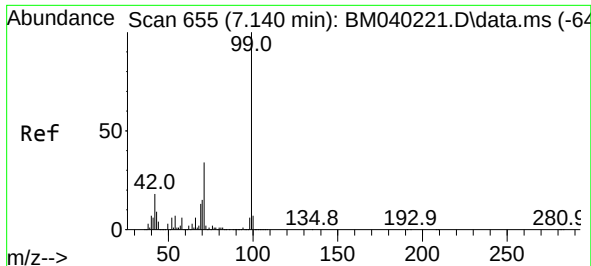
Tgt Ion:152 Resp: 315147
Ion Ratio Lower Upper
152 100
150 156.5 122.5 183.7
115 61.8 47.9 71.9



#5
2-Fluorophenol
Concen: 105.599 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion:112 Resp: 2146414
Ion Ratio Lower Upper
112 100
64 57.1 45.2 67.8
63 31.2 24.2 36.4

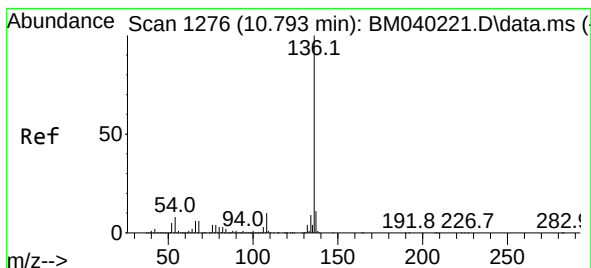
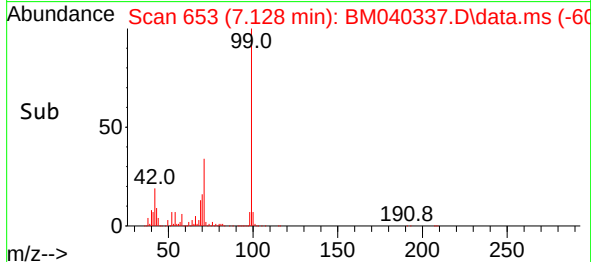
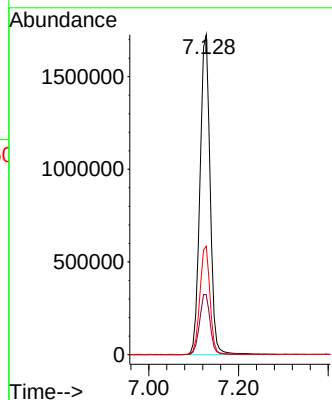
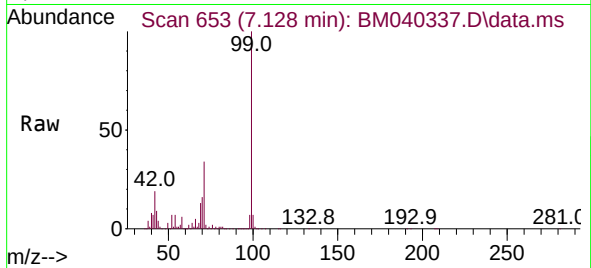




#7
Phenol-d6
Concen: 97.719 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

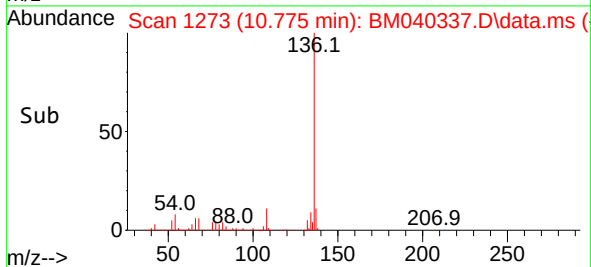
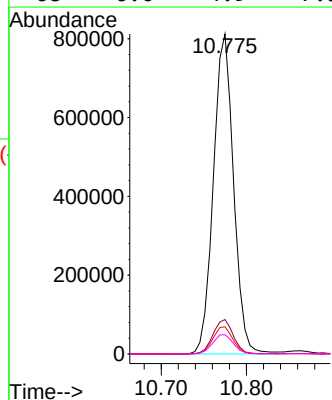
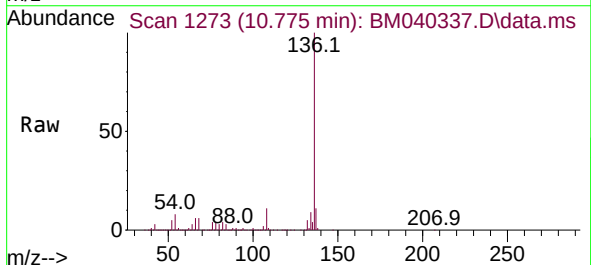
Instrument :
BNA_M
ClientSampleId :

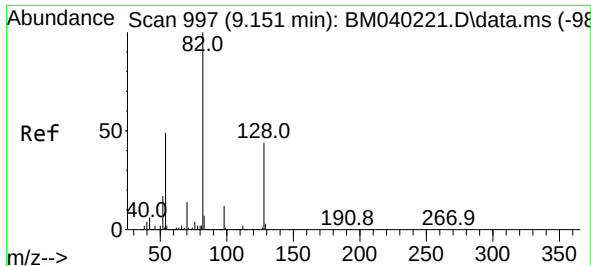
Tgt Ion: 99 Resp: 2707960
Ion Ratio Lower Upper
99 100
42 18.7 14.5 21.7
71 33.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion: 136 Resp: 1335523
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.5 6.2 9.4
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 93.542 ng

RT: 9.134 min Scan# 997

Delta R.T. -0.000 min

Lab File: BM040337.D

Acq: 21 Jun 2023 16:39

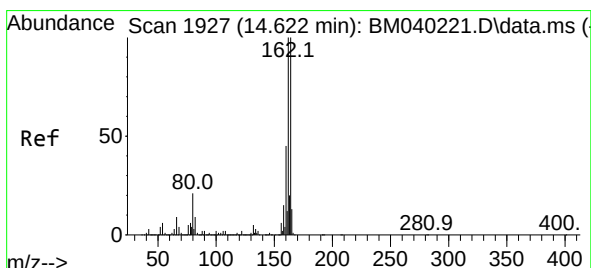
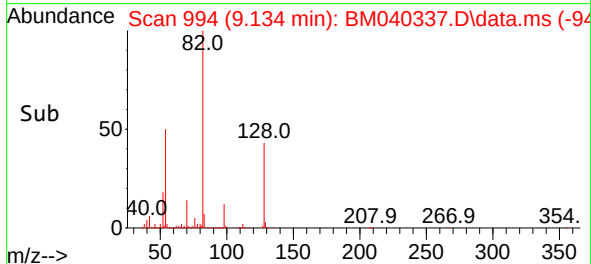
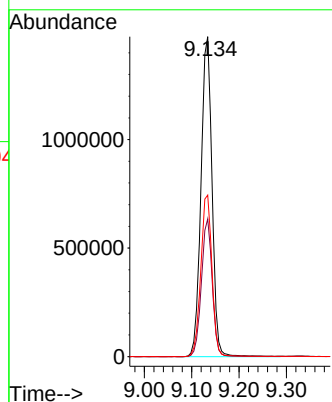
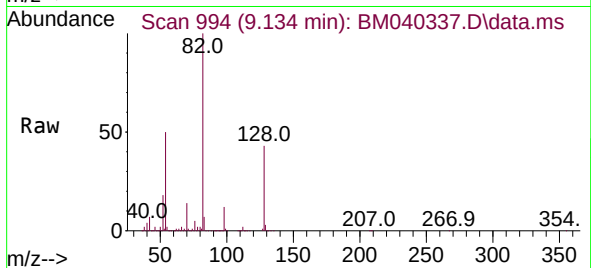
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 82 Resp: 2385783

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.3	52.9
54	50.5	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1923

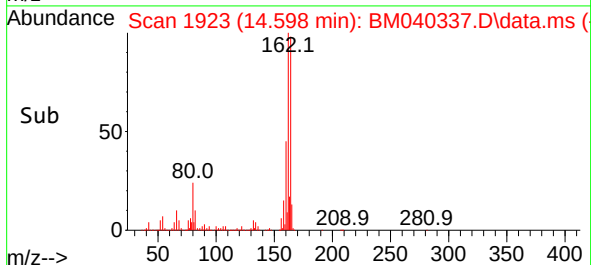
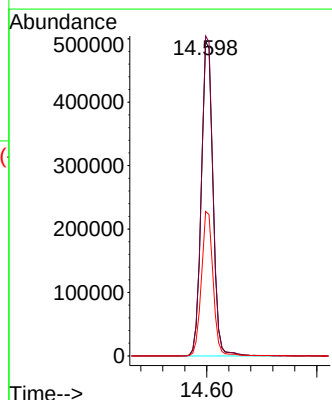
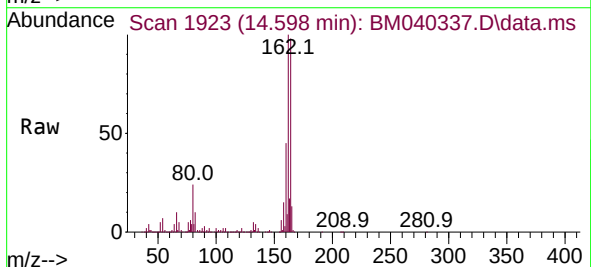
Delta R.T. -0.006 min

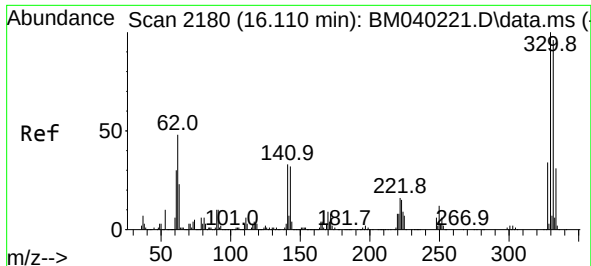
Lab File: BM040337.D

Acq: 21 Jun 2023 16:39

Tgt Ion: 164 Resp: 724718

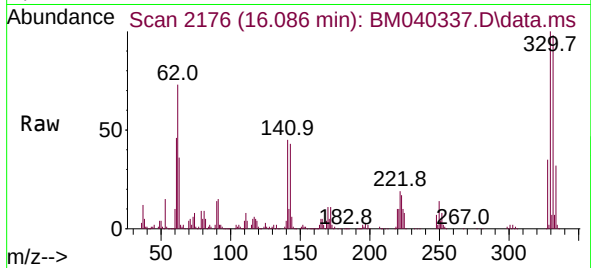
Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.9	119.9
160	45.9	36.2	54.2



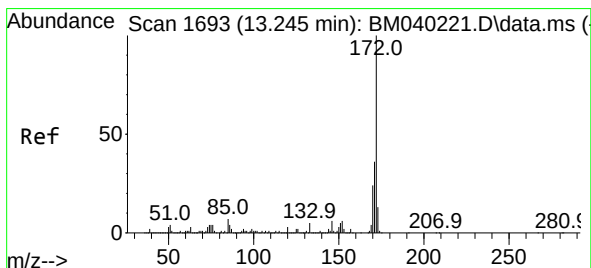
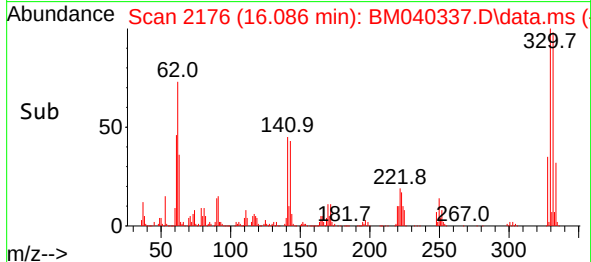
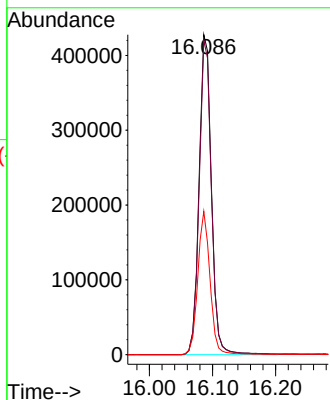


#42
2,4,6-Tribromophenol
Concen: 57.418 ng
RT: 16.086 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Instrument :
BNA_M
ClientSampleId :

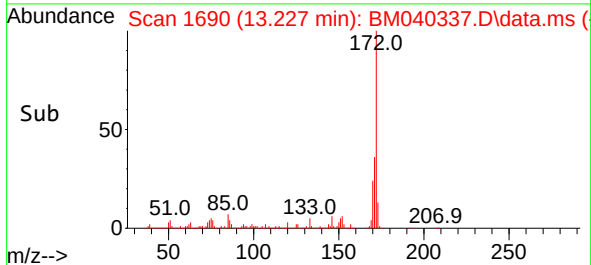
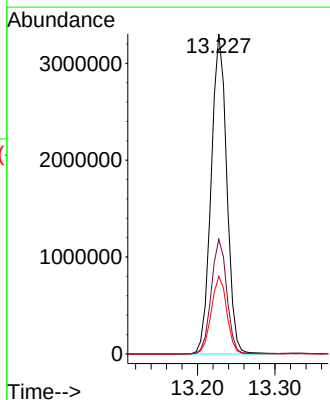
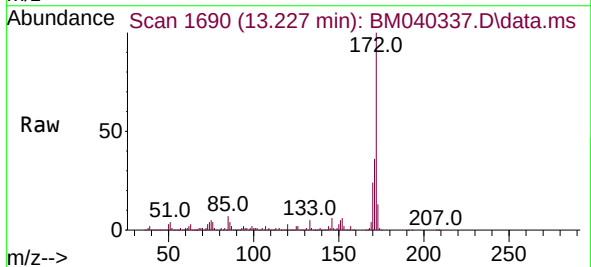


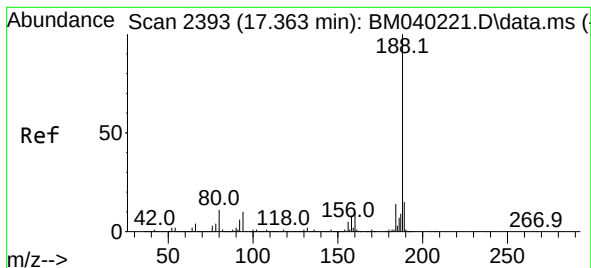
Tgt Ion:330 Resp: 580484
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 44.7 30.0 45.0



#45
2-Fluorobiphenyl
Concen: 87.456 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion:172 Resp: 4617520
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 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: BM040337.D

Acq: 21 Jun 2023 16:39

Instrument :

BNA_M

ClientSampleId :

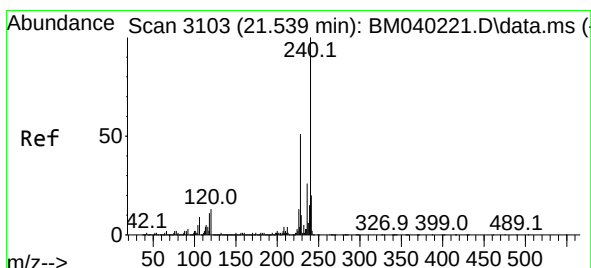
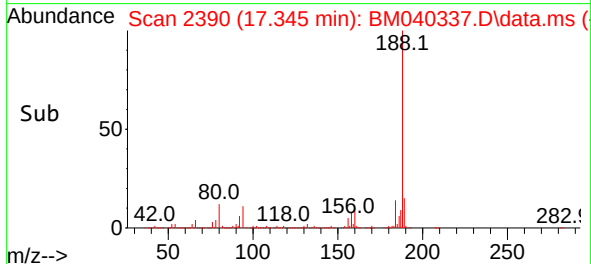
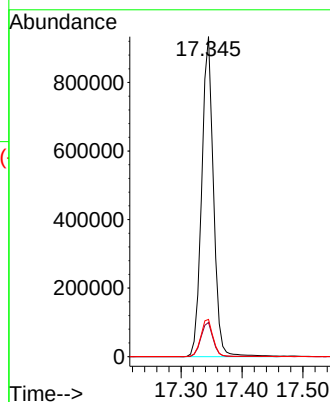
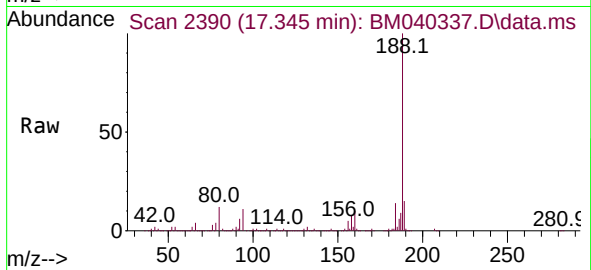
Tgt Ion:188 Resp: 1252970

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.6 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: BM040337.D

Acq: 21 Jun 2023 16:39

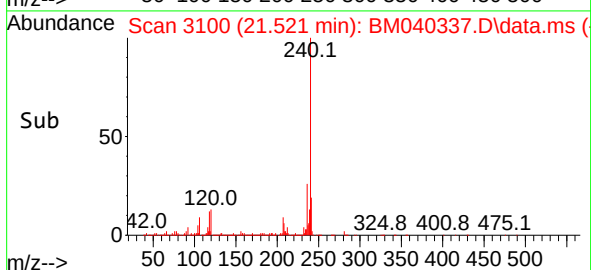
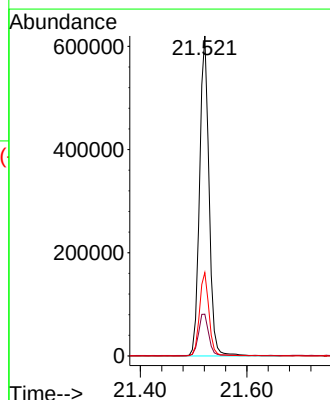
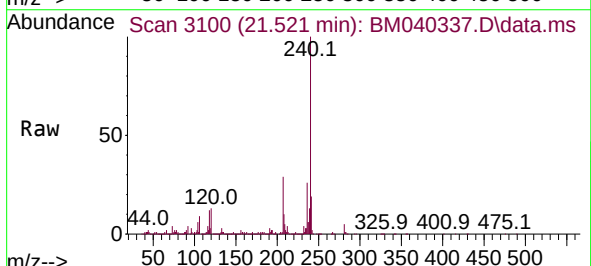
Tgt Ion:240 Resp: 761160

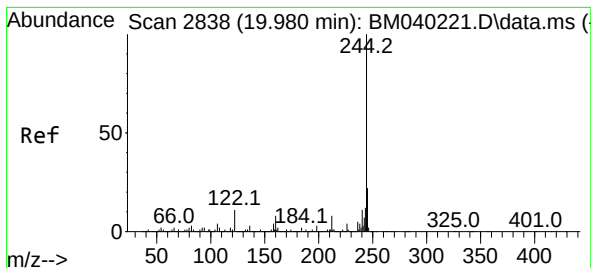
Ion Ratio Lower Upper

240 100

120 13.0 10.1 15.1

236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 122.203 ng

RT: 19.962 min Scan# 2835

Delta R.T. -0.000 min

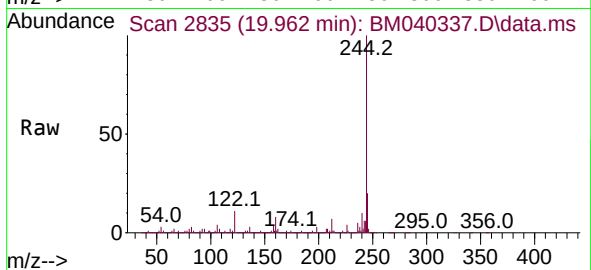
Lab File: BM040337.D

Acq: 21 Jun 2023 16:39

Instrument :

BNA_M

ClientSampleId :



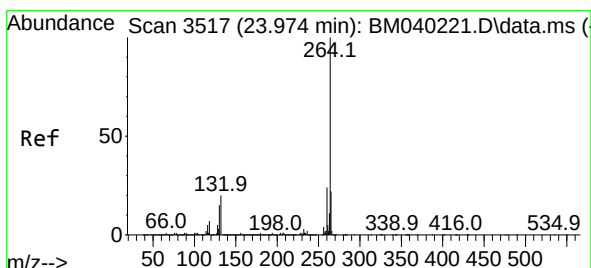
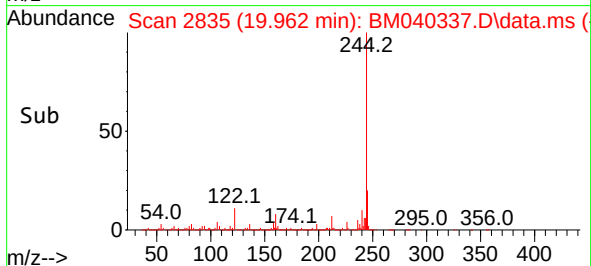
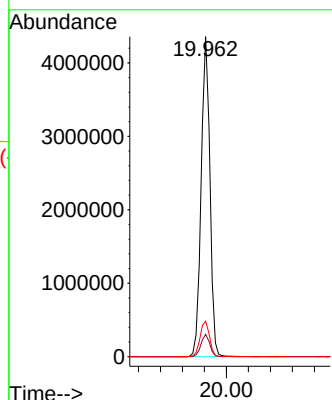
Tgt Ion:244 Resp: 4787030

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: 23.939 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BM040337.D

Acq: 21 Jun 2023 16:39

Tgt Ion:264 Resp: 710209

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.7 17.5 26.3

