

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044608.D
 Acq On : 13 Mar 2024 21:36
 Operator : MA/JU
 Sample : P1723-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159537BL

Quant Time: Mar 14 02:40:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	210199	20.000	ng	0.00
21) Naphthalene-d8	10.480	136	810316	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	450922	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	842955	20.000	ng	0.00
76) Chrysene-d12	21.297	240	765531	20.000	ng	0.00
86) Perylene-d12	23.544	264	951803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1266598	86.516	ng	0.00
7) Phenol-d6	6.881	99	1531711	81.325	ng	0.00
23) Nitrobenzene-d5	8.863	82	1317347	78.320	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	419881	84.424	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2609811	79.709	ng	0.00
79) Terphenyl-d14	19.744	244	3383054	77.308	ng	0.00

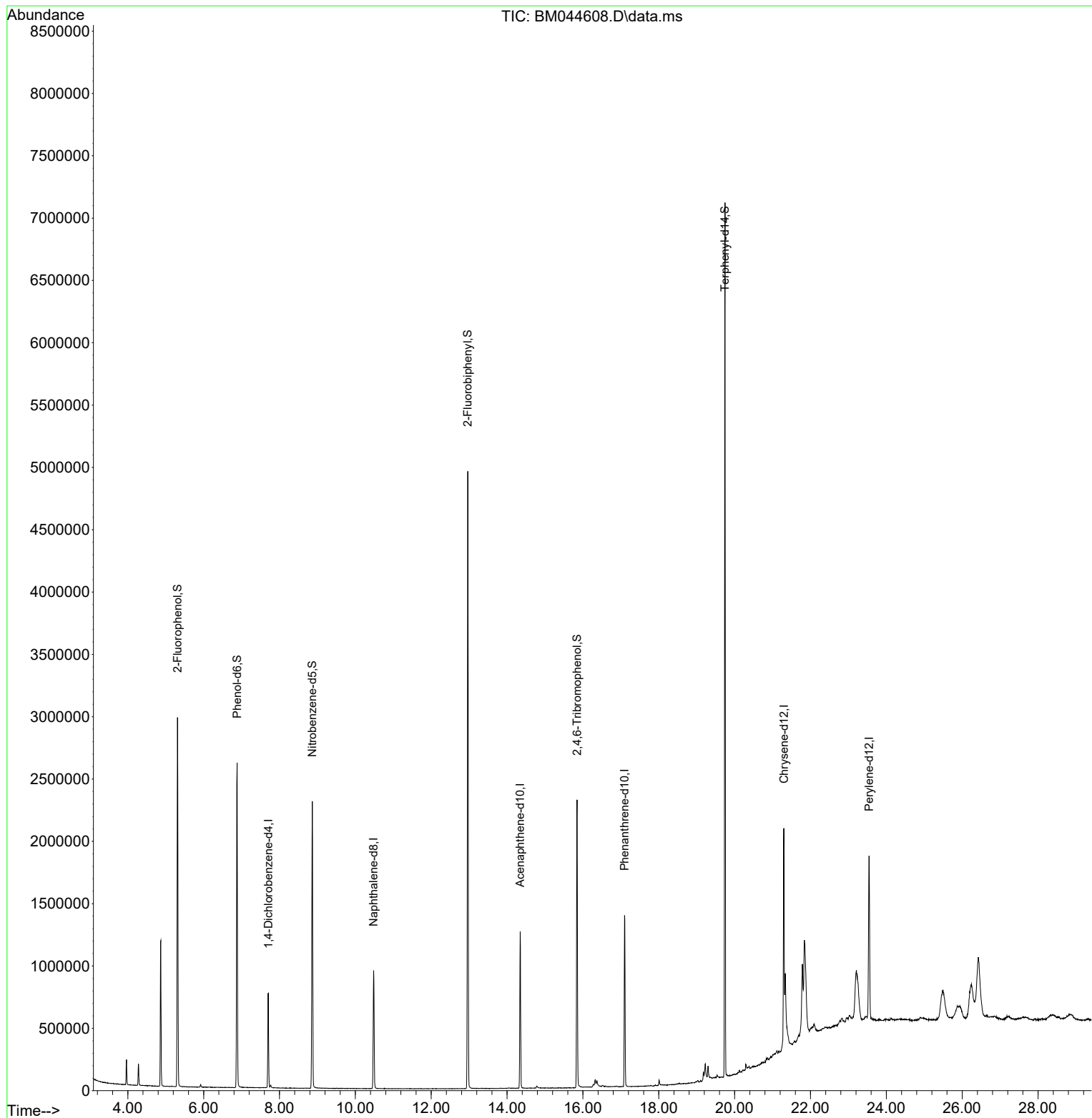
Target Compounds	Qvalue

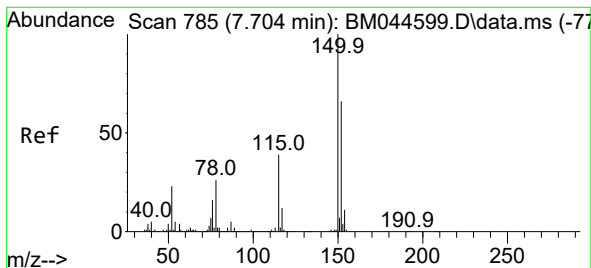
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.704 min Scan# 7

Delta R.T. 0.000 min

Lab File: BM044608.D

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Instrument :

BNA_M

ClientSampleId :

PB159537BL

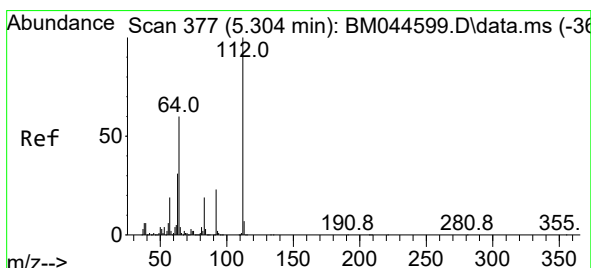
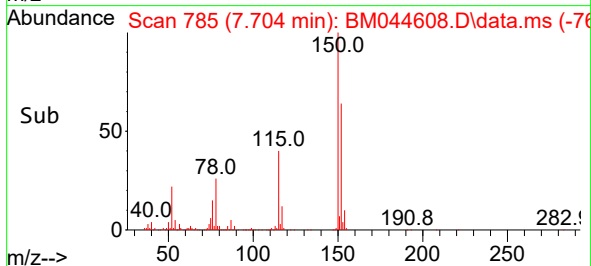
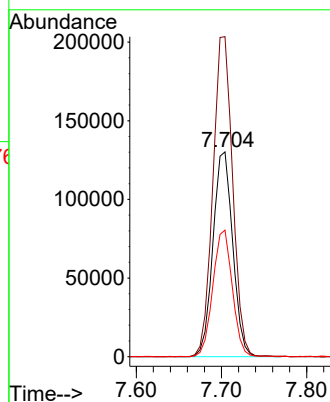
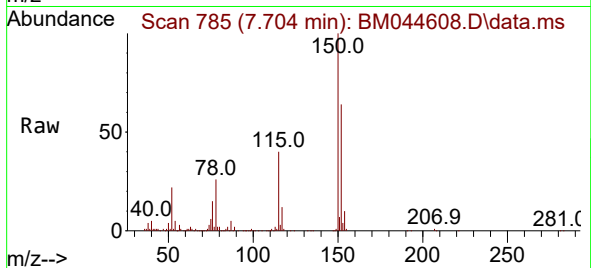
Tgt Ion:152 Resp: 210199

Ion Ratio Lower Upper

152 100

150 156.2 121.9 182.9

115 61.8 47.1 70.7



#5

2-Fluorophenol

Concen: 86.516 ng

RT: 5.310 min Scan# 378

Delta R.T. 0.006 min

Lab File: BM044608.D

Acq: 13 Mar 2024 21:36

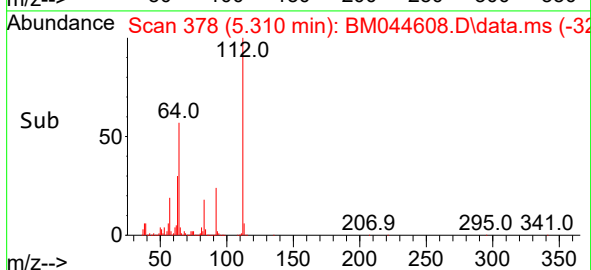
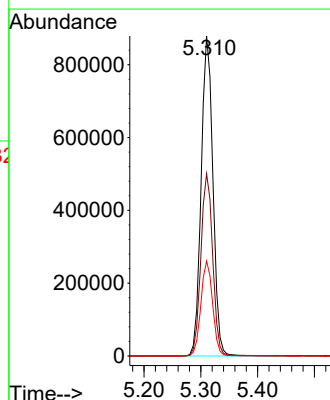
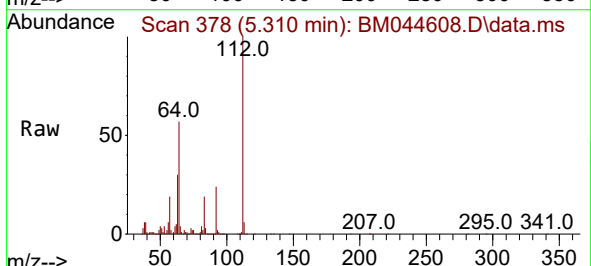
Tgt Ion:112 Resp: 1266598

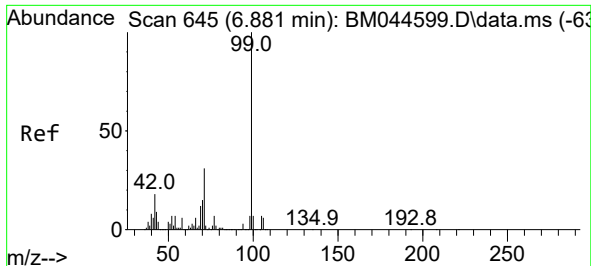
Ion Ratio Lower Upper

112 100

64 56.9 47.9 71.9

63 29.7 25.0 37.4

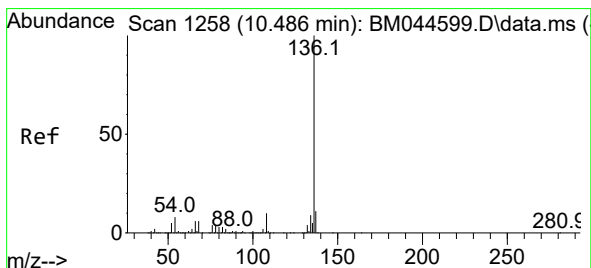
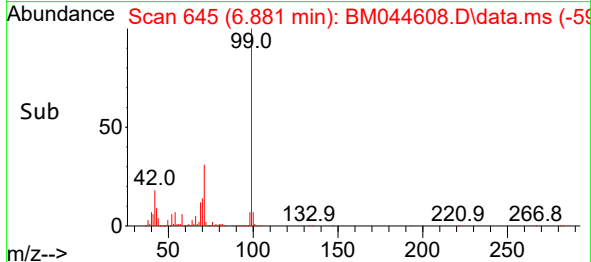
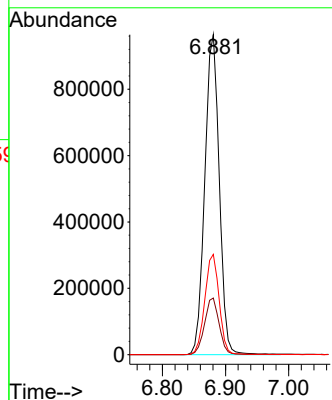
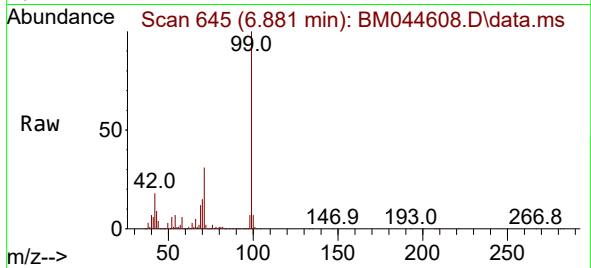




#7
Phenol-d6
Concen: 81.325 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM044608.D
Acq: 13 Mar 2024 21:36

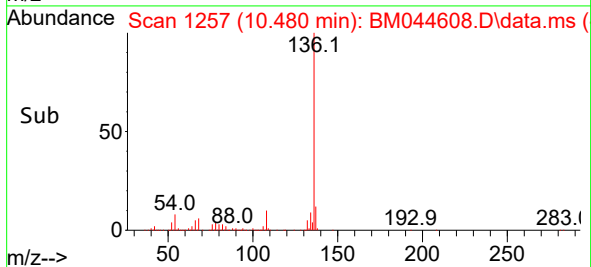
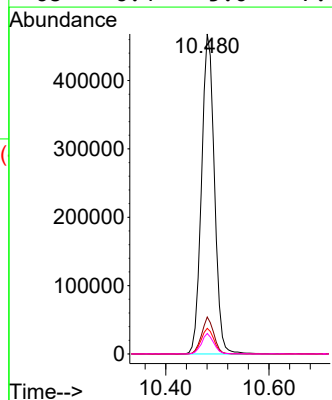
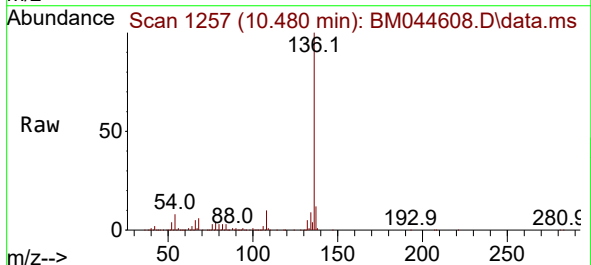
Instrument :
BNA_M
ClientSampleId :
PB159537BL

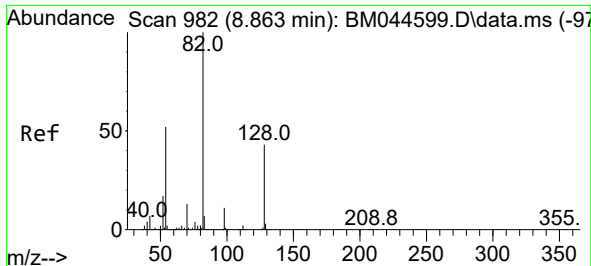
Tgt Ion: 99 Resp: 1531711
Ion Ratio Lower Upper
99 100
42 17.7 14.3 21.5
71 31.4 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.480 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM044608.D
Acq: 13 Mar 2024 21:36

Tgt Ion:136 Resp: 810316
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.0 6.6 10.0
68 6.4 5.0 7.4

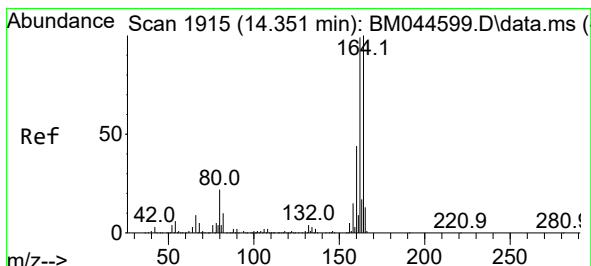
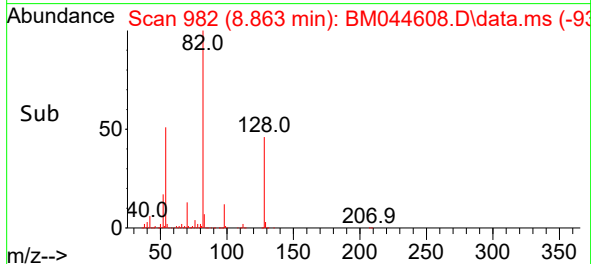
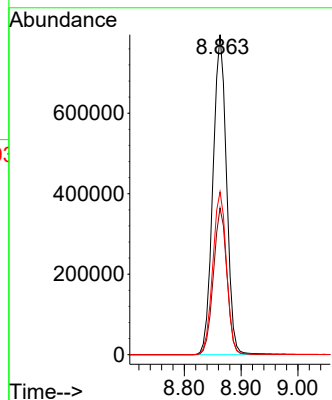
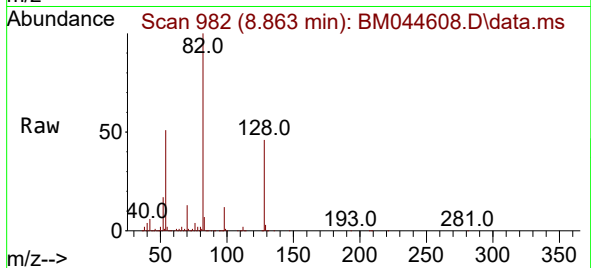




#23
Nitrobenzene-d5
Concen: 78.320 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM044608.D
Acq: 13 Mar 2024 21:36

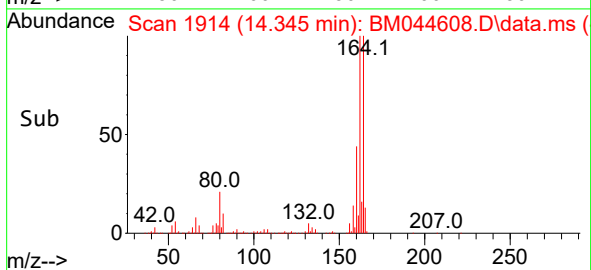
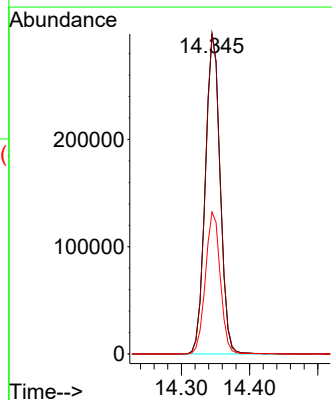
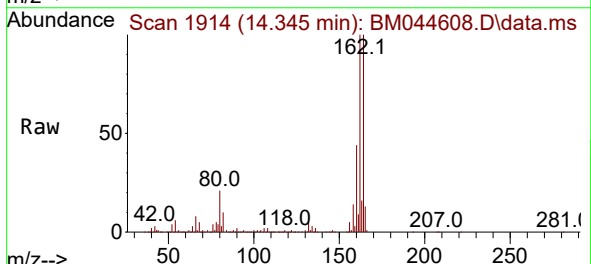
Instrument :
BNA_M
ClientSampleId :
PB159537BL

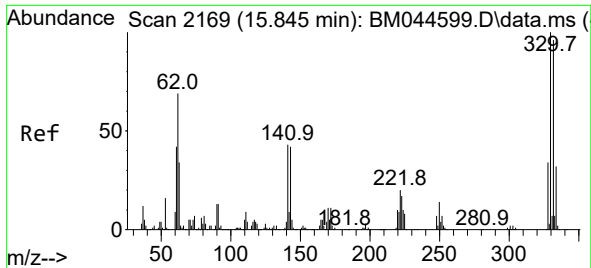
Tgt Ion: 82 Resp: 1317347
Ion Ratio Lower Upper
82 100
128 45.9 34.2 51.4
54 50.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BM044608.D
Acq: 13 Mar 2024 21:36

Tgt Ion: 164 Resp: 450922
Ion Ratio Lower Upper
164 100
162 100.2 79.3 118.9
160 44.4 35.2 52.8

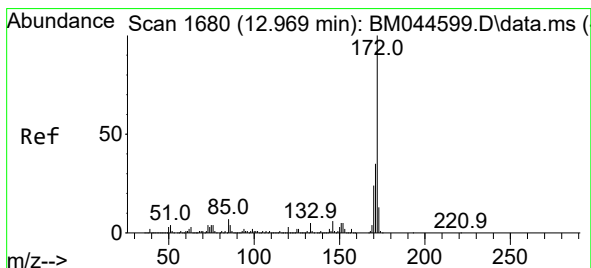
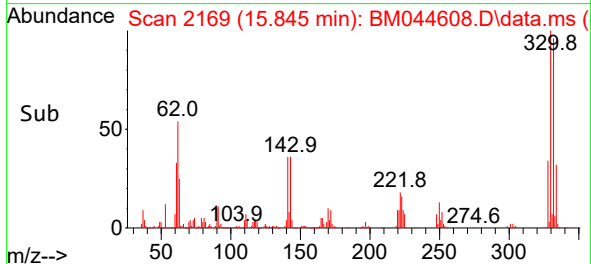
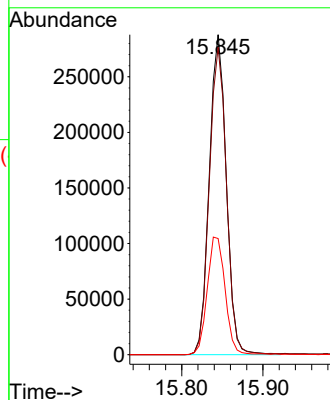
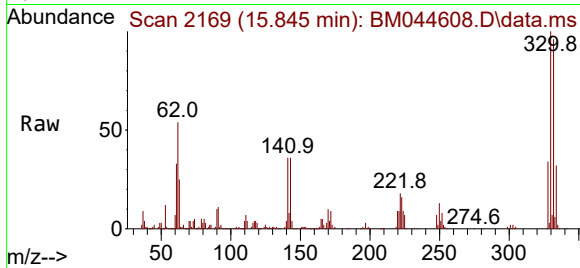




#42
2,4,6-Tribromophenol
Concen: 84.424 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM044608.D
Acq: 13 Mar 2024 21:36

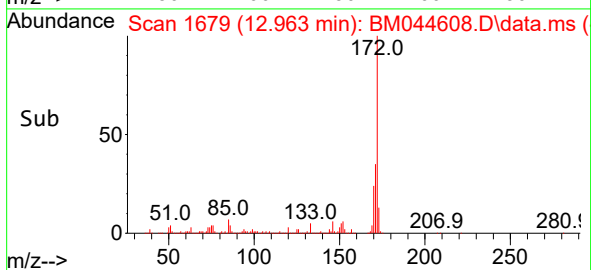
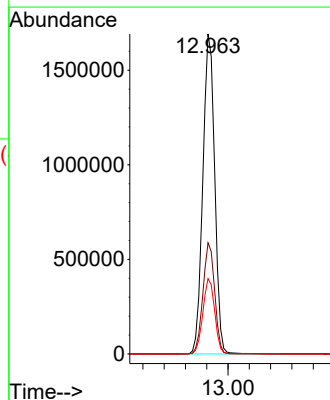
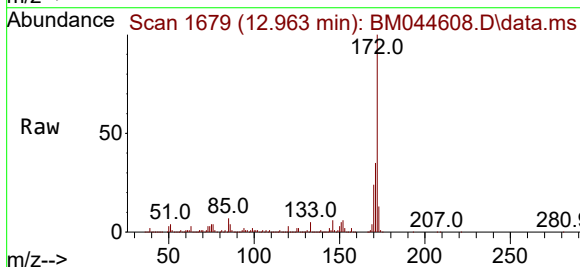
Instrument :
BNA_M
ClientSampleId :
PB159537BL

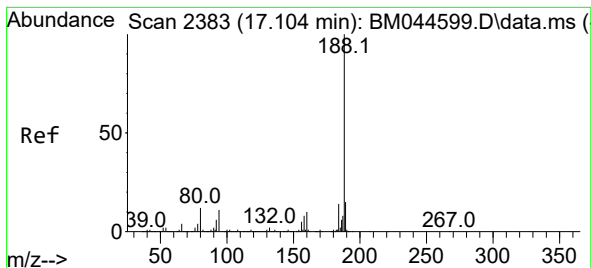
Tgt Ion:330 Resp: 419881
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 38.8 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 79.709 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM044608.D
Acq: 13 Mar 2024 21:36

Tgt Ion:172 Resp: 2609811
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044608.D

Acq: 13 Mar 2024 21:36

Instrument :

BNA_M

ClientSampleId :

PB159537BL

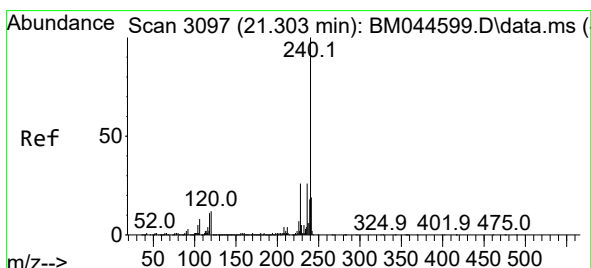
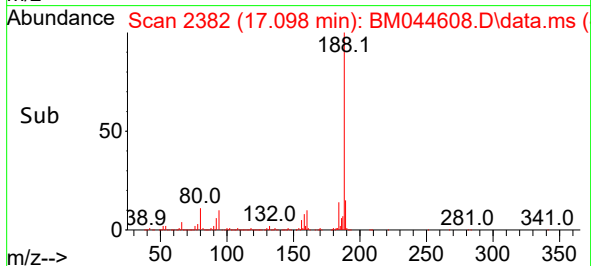
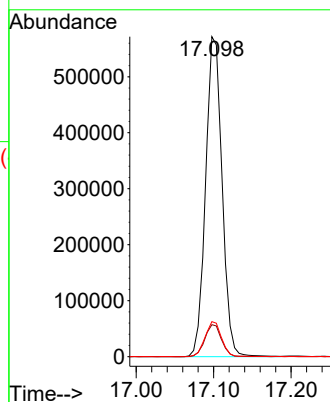
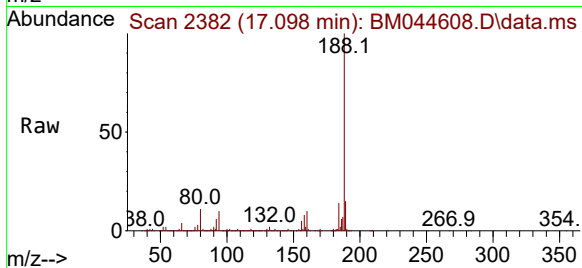
Tgt Ion:188 Resp: 842955

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 10.9 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.297 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM044608.D

Acq: 13 Mar 2024 21:36

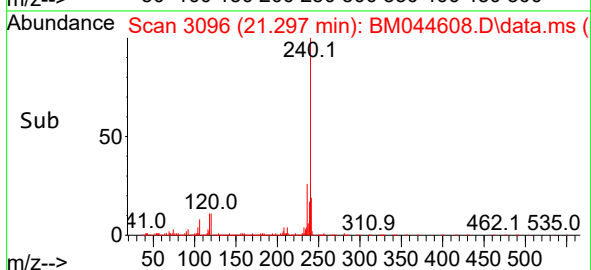
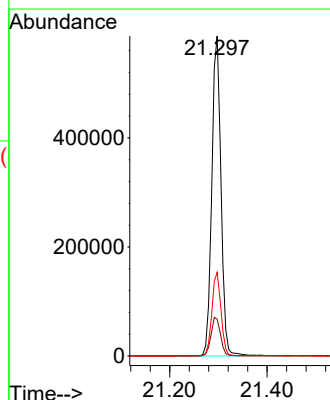
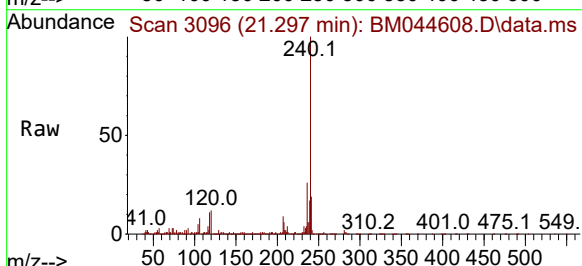
Tgt Ion:240 Resp: 765531

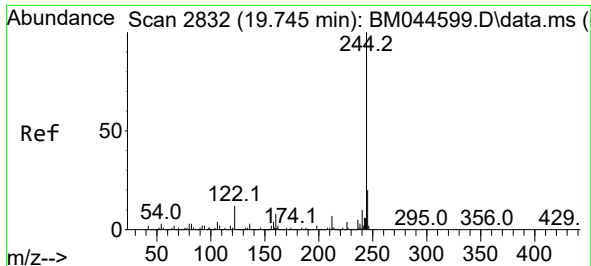
Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 26.2 21.0 31.4

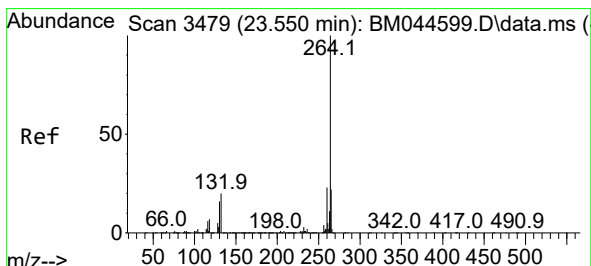
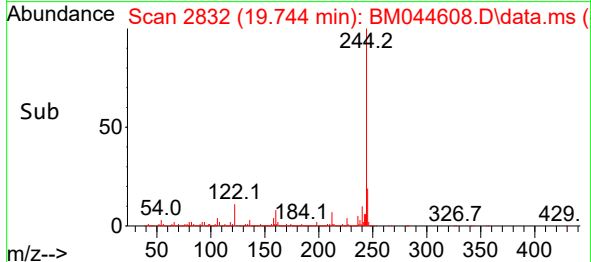
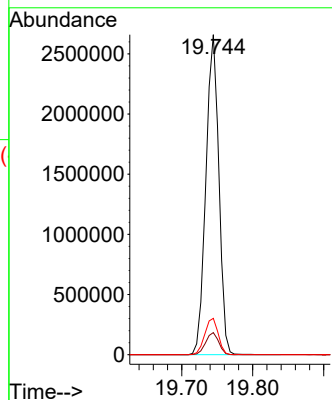
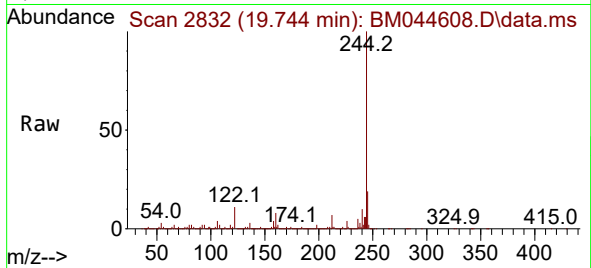




#79
 Terphenyl-d14
 Concen: 77.308 ng
 RT: 19.744 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM044608.D
 Acq: 13 Mar 2024 21:36

Instrument :
 BNA_M
 ClientSampleId :
 PB159537BL

Tgt Ion:244 Resp: 3383054
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.3 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.544 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BM044608.D
 Acq: 13 Mar 2024 21:36

Tgt Ion:264 Resp: 951803
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 22.3 17.5 26.3

