

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044771.D
 Acq On : 26 Mar 2024 16:36
 Operator : MA/JU
 Sample : P1864-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976

Quant Time: Mar 26 17:11:52 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	7.687	152	146627	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	558339	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	317544	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	633463	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	601395	20.000	ng	-0.01
86) Perylene-d12	23.539	264	702619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	866888	84.886	ng	0.00
7) Phenol-d6	6.869	99	1075491	81.859	ng	-0.01
23) Nitrobenzene-d5	8.845	82	656998	56.688	ng	-0.02
42) 2,4,6-Tribromophenol	15.839	330	346367	98.894	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1285396	55.749	ng	-0.02
79) Terphenyl-d14	19.733	244	1901671	55.316	ng	-0.01

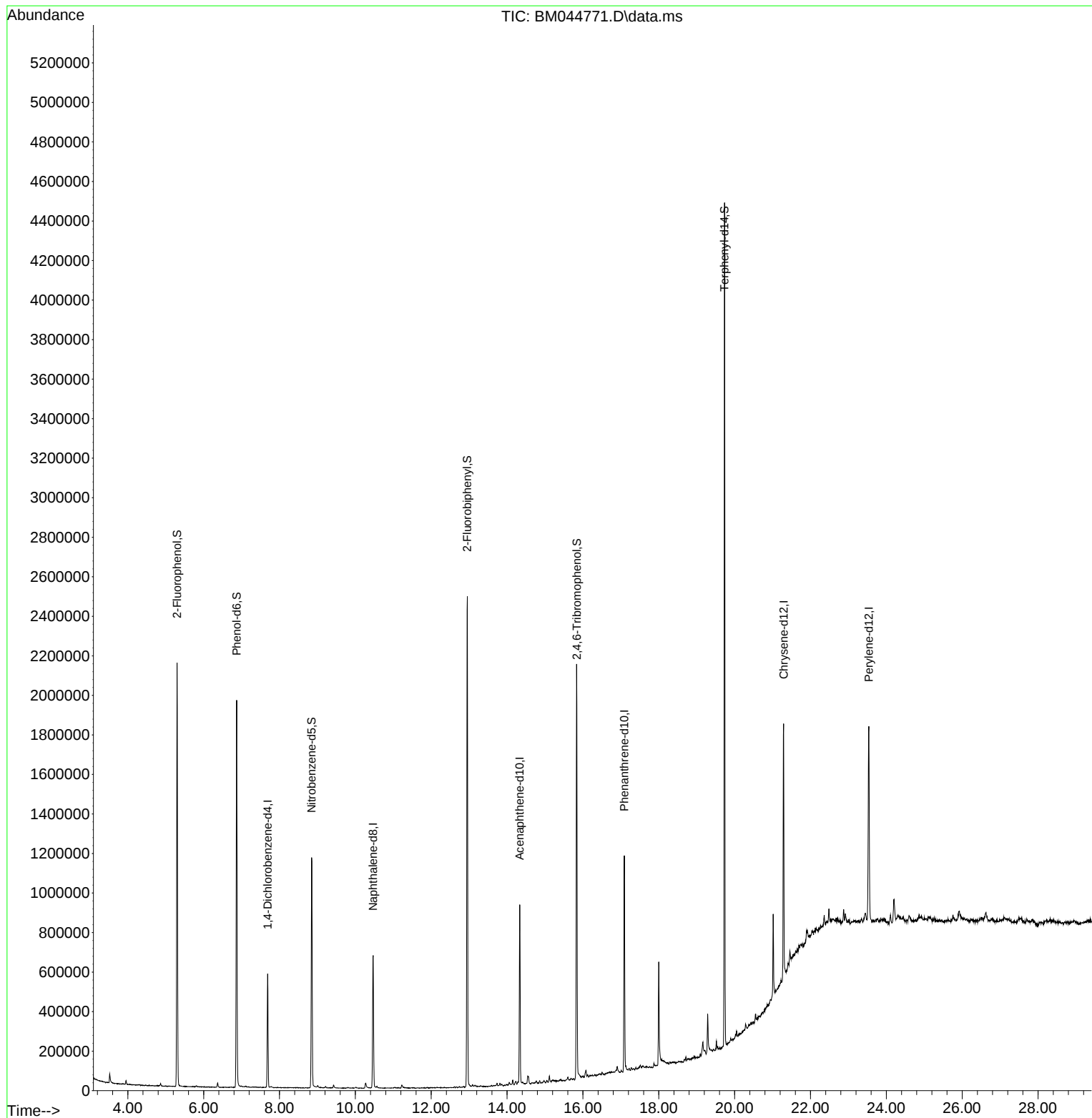
Target Compounds	Qvalue

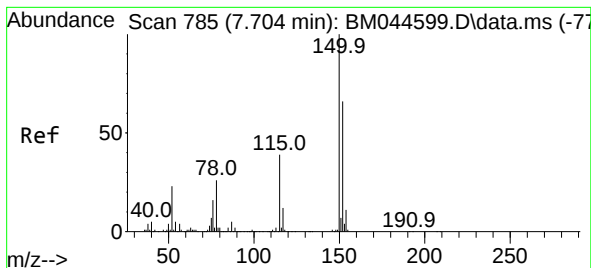
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

Lab File: BM044771.D

Acq: 26 Mar 2024 16:36

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BNA_M

ClientSampleId :

VNJ229-72-11976

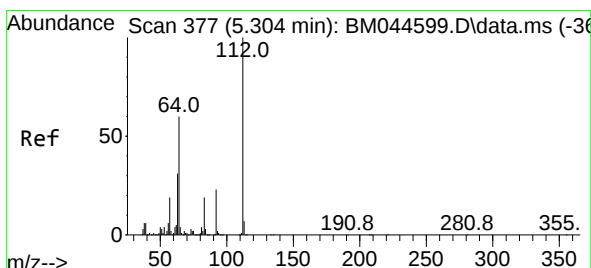
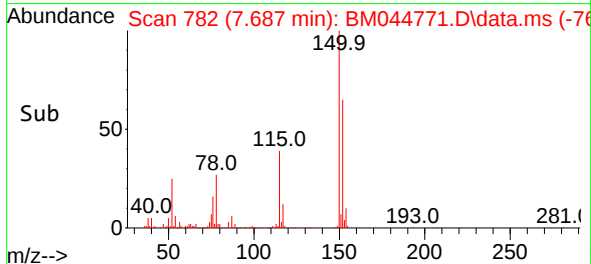
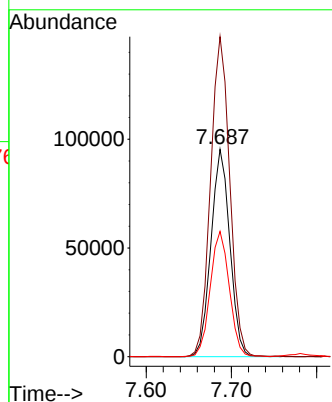
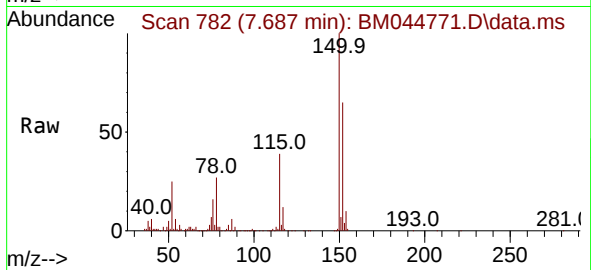
Tgt Ion:152 Resp: 146627

Ion Ratio Lower Upper

152 100

150 154.3 121.9 182.9

115 60.4 47.1 70.7



#5

2-Fluorophenol

Concen: 84.886 ng

RT: 5.299 min Scan# 376

Delta R.T. -0.006 min

Lab File: BM044771.D

Acq: 26 Mar 2024 16:36

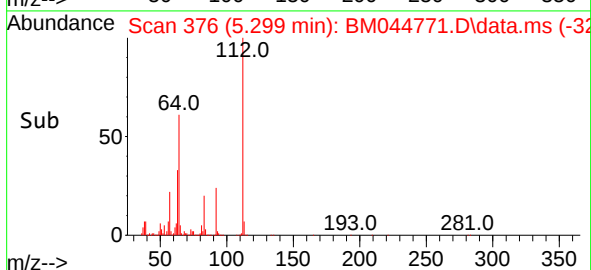
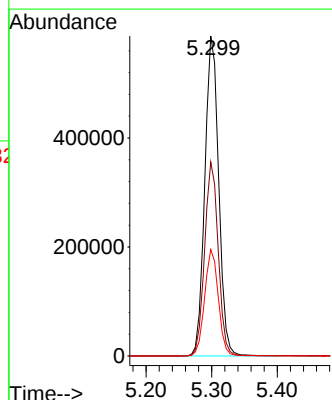
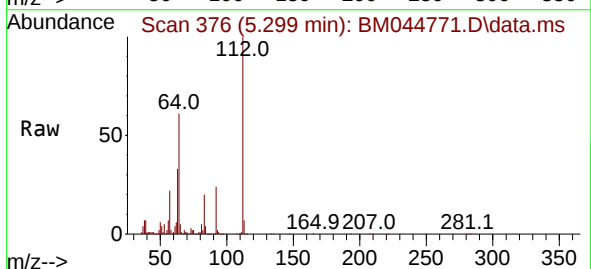
Tgt Ion:112 Resp: 866888

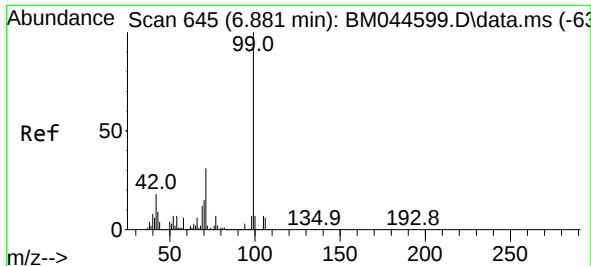
Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

63 33.3 25.0 37.4

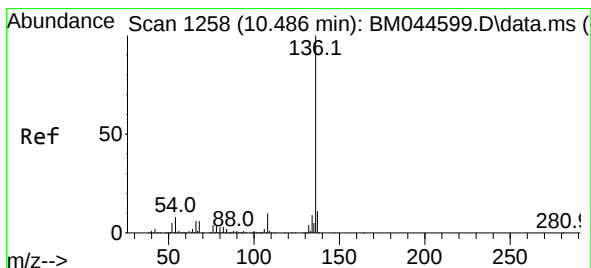
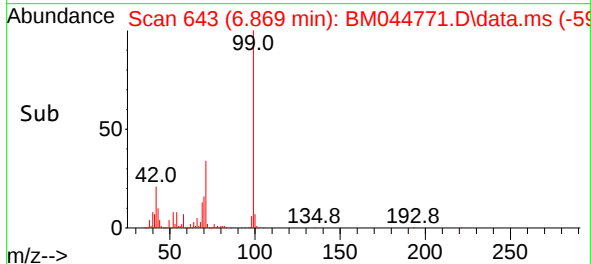
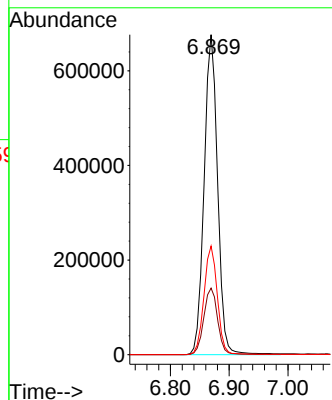
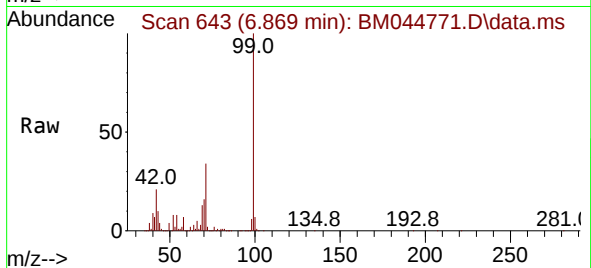




#7
Phenol-d6
Concen: 81.859 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044771.D
Acq: 26 Mar 2024 16:36

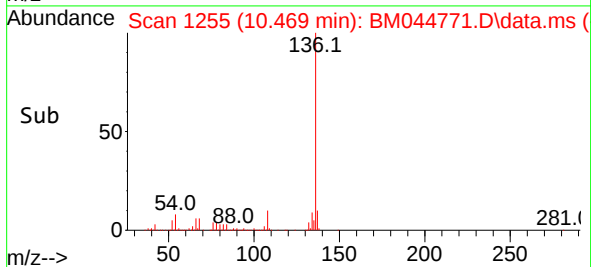
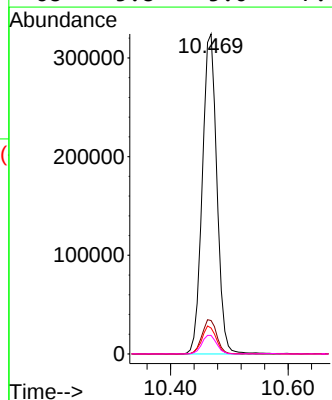
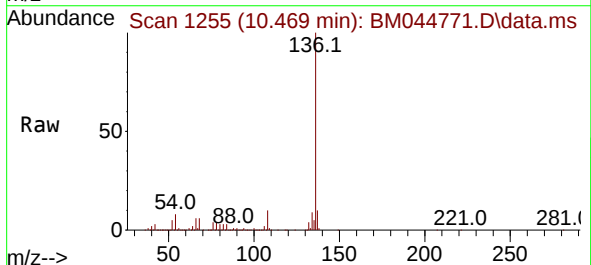
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976

Tgt Ion: 99 Resp: 1075491
Ion Ratio Lower Upper
99 100
42 20.8 14.3 21.5
71 33.9 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM044771.D
Acq: 26 Mar 2024 16:36

Tgt Ion: 136 Resp: 558339
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.1 6.6 10.0
68 5.8 5.0 7.4

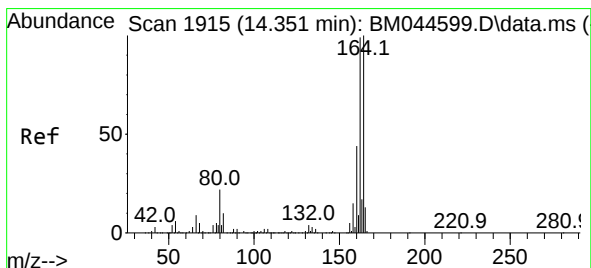
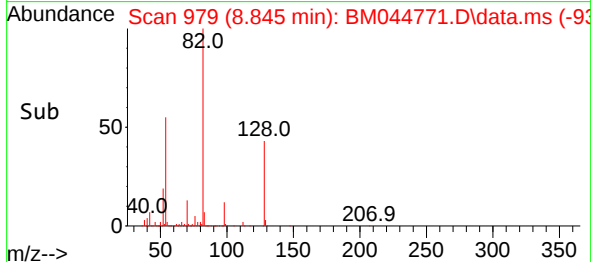
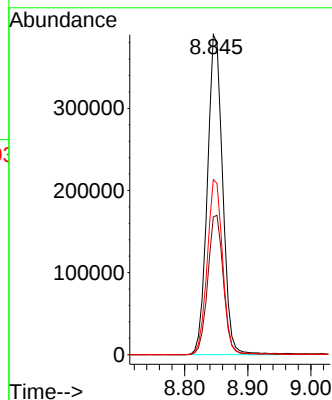
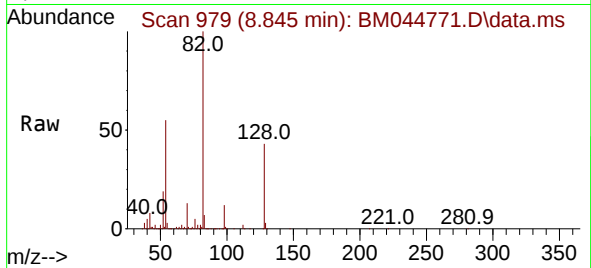




#23
Nitrobenzene-d5
Concen: 56.688 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044771.D
Acq: 26 Mar 2024 16:36

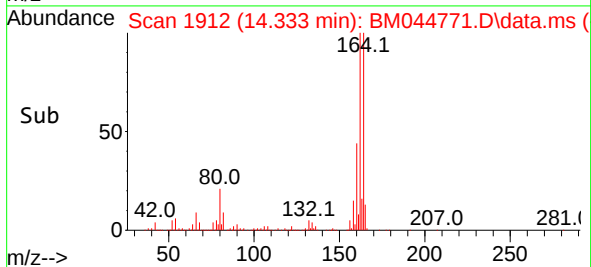
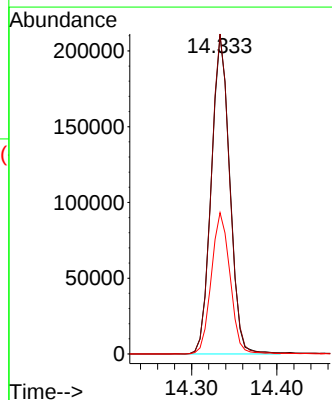
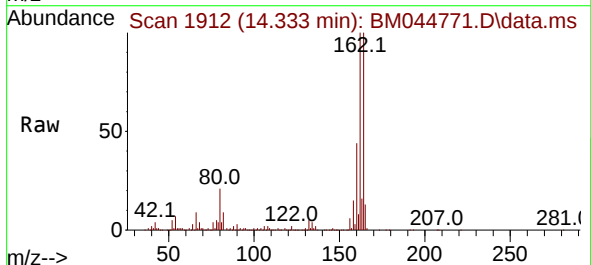
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976

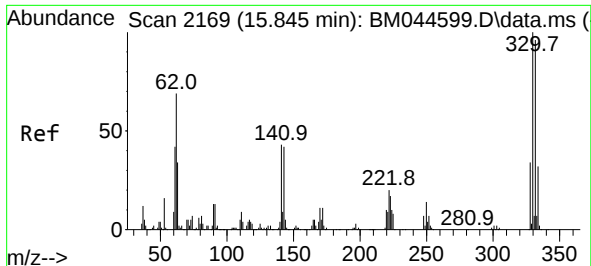
Tgt Ion: 82 Resp: 656998
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 54.7 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044771.D
Acq: 26 Mar 2024 16:36

Tgt Ion:164 Resp: 317544
Ion Ratio Lower Upper
164 100
162 100.5 79.3 118.9
160 44.4 35.2 52.8

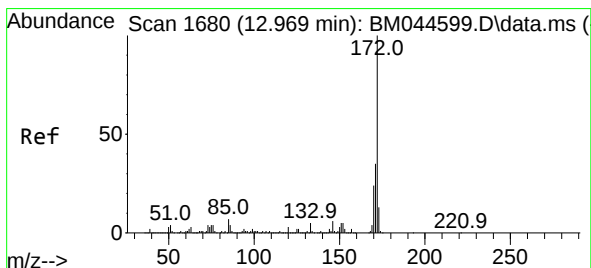
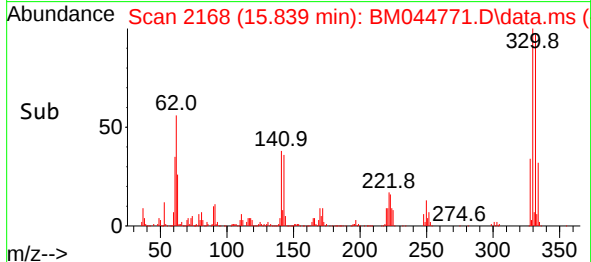
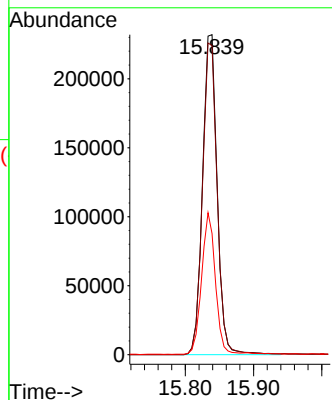
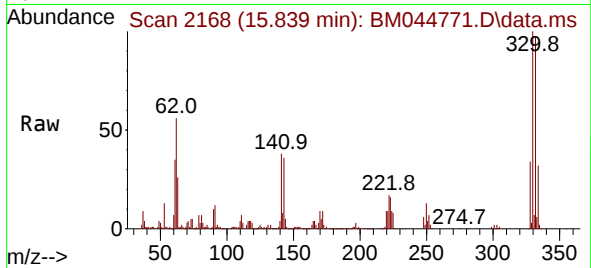




#42
2,4,6-Tribromophenol
Concen: 98.894 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM044771.D
Acq: 26 Mar 2024 16:36

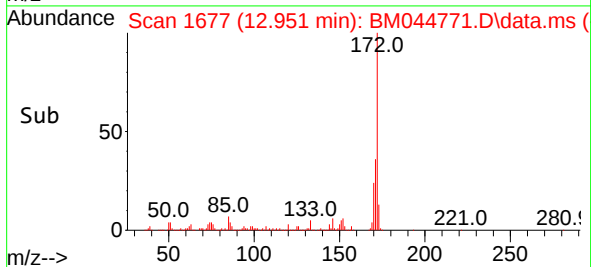
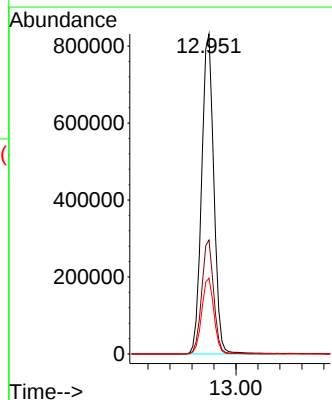
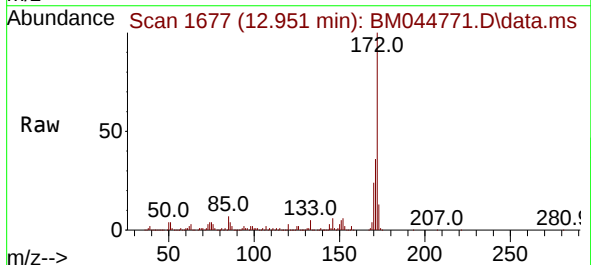
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976

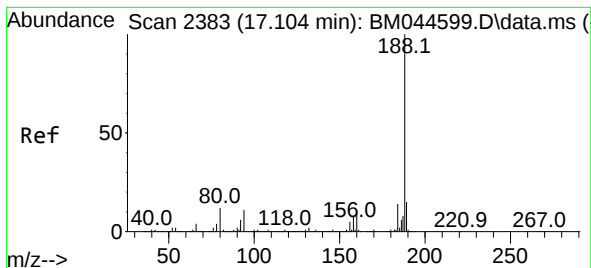
Tgt Ion:330 Resp: 346367
Ion Ratio Lower Upper
330 100
332 98.1 77.8 116.8
141 41.3 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 55.749 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.018 min
Lab File: BM044771.D
Acq: 26 Mar 2024 16:36

Tgt Ion:172 Resp: 1285396
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044771.D

Acq: 26 Mar 2024 16:36

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976

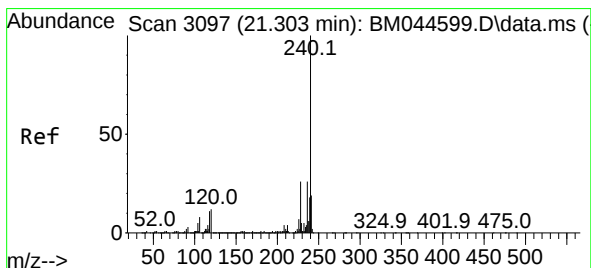
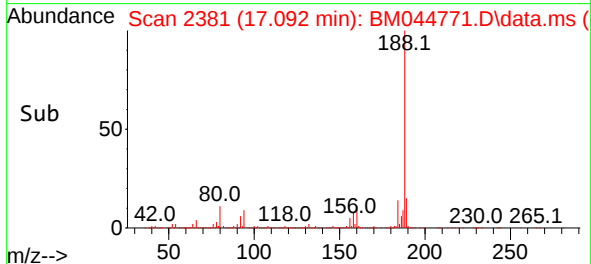
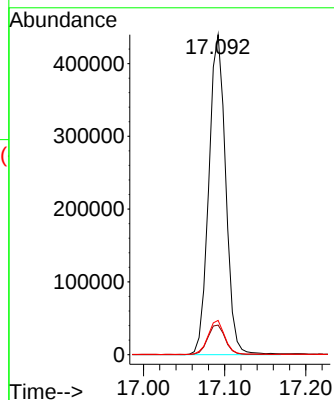
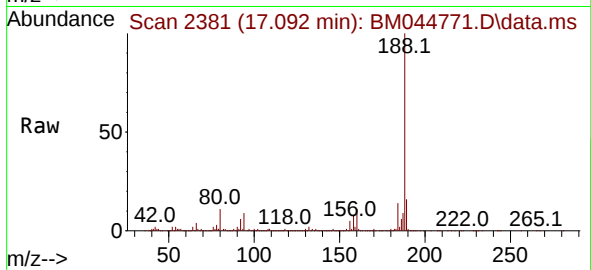
Tgt Ion:188 Resp: 633463

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

80 10.7 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM044771.D

Acq: 26 Mar 2024 16:36

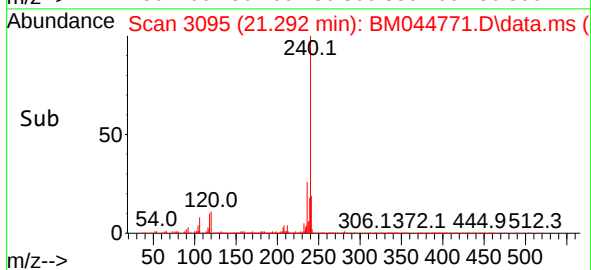
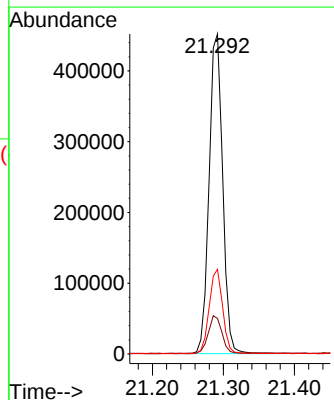
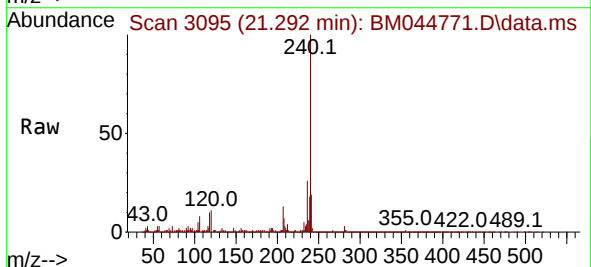
Tgt Ion:240 Resp: 601395

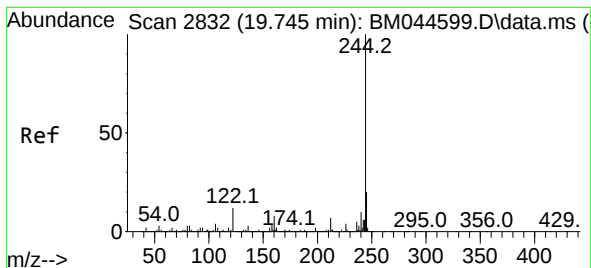
Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 55.316 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044771.D

Acq: 26 Mar 2024 16:36

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976

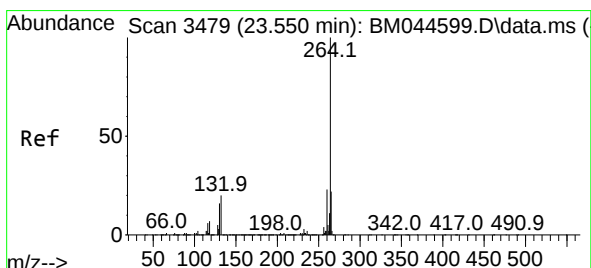
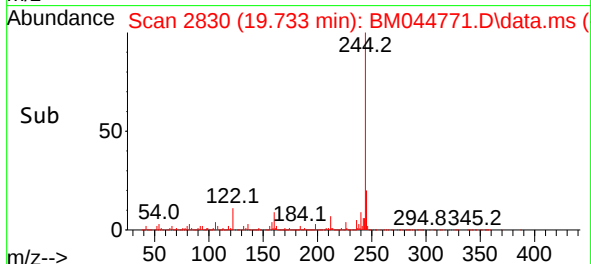
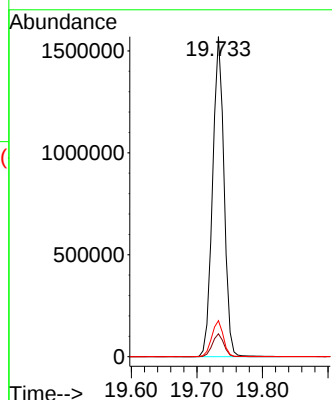
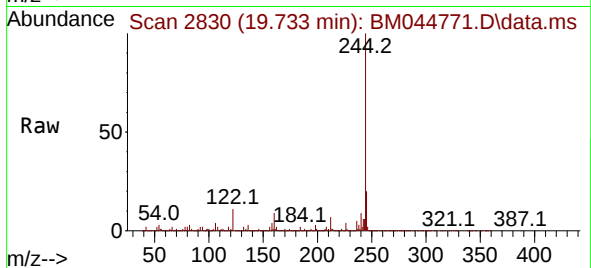
Tgt Ion:244 Resp: 1901671

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.3 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.539 min Scan# 3477

Delta R.T. -0.012 min

Lab File: BM044771.D

Acq: 26 Mar 2024 16:36

Tgt Ion:264 Resp: 702619

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.7 17.5 26.3

