

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042672.D
 Acq On : 09 Nov 2023 15:30
 Operator : MA/JU
 Sample : 05256-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-11

Quant Time: Nov 09 16:05:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	30180	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	104801	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	61833	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	132452	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	116963	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	61530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	301964	161.476	ng	0.00
7) Phenol-d6	7.004	99	345357	134.660	ng	0.00
23) Nitrobenzene-d5	9.039	82	290987	129.434	ng	-0.01
42) 2,4,6-Tribromophenol	15.998	330	167512	207.501	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	570292	124.106	ng	0.00
79) Terphenyl-d14	19.874	244	952457	138.077	ng	0.00

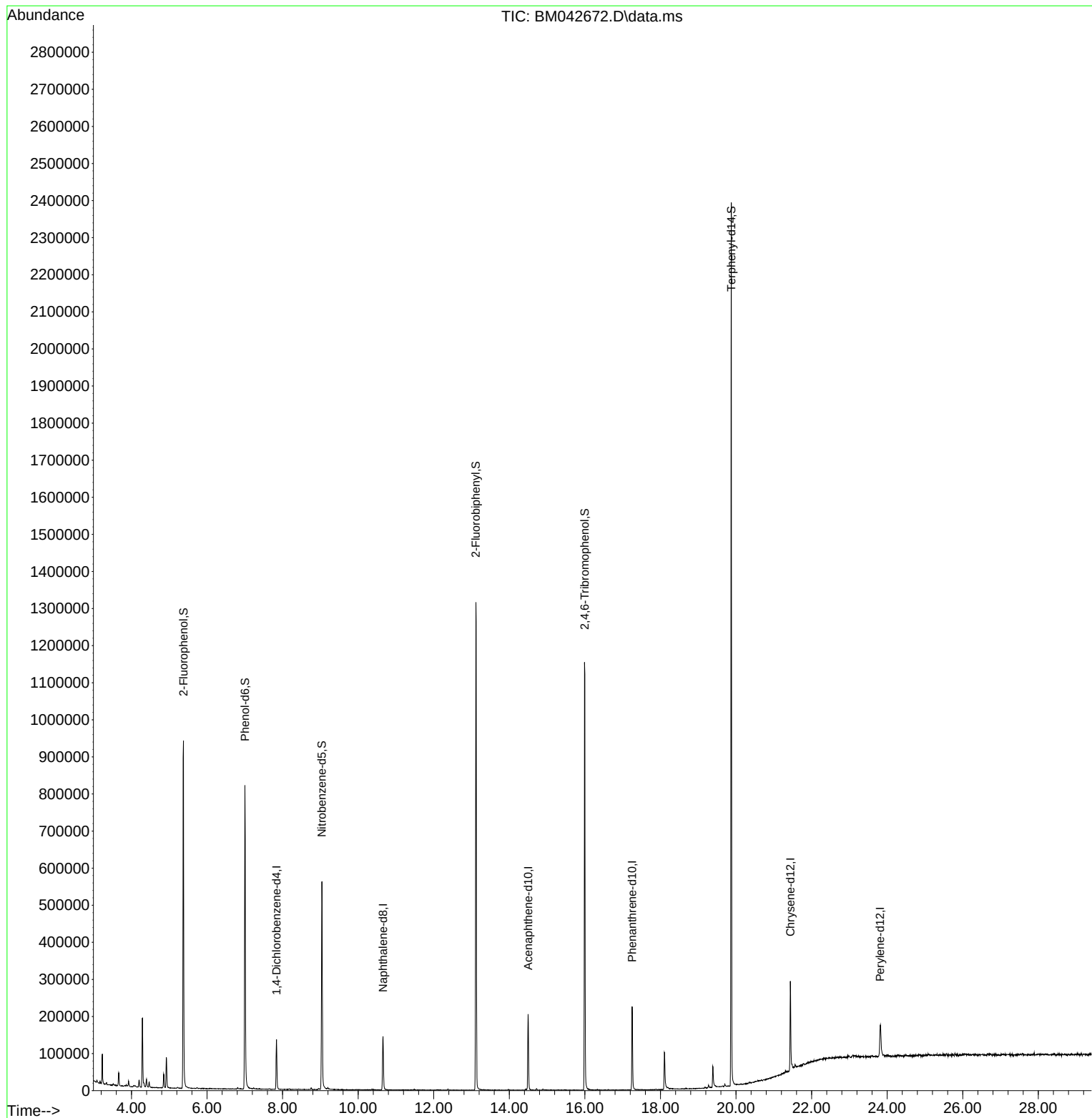
Target Compounds	Qvalue

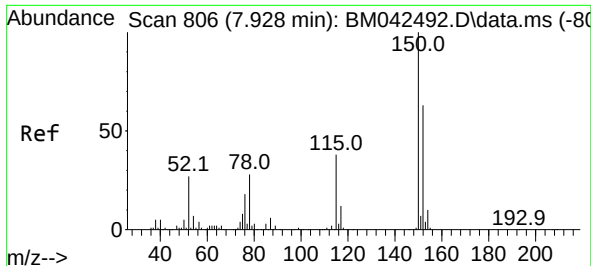
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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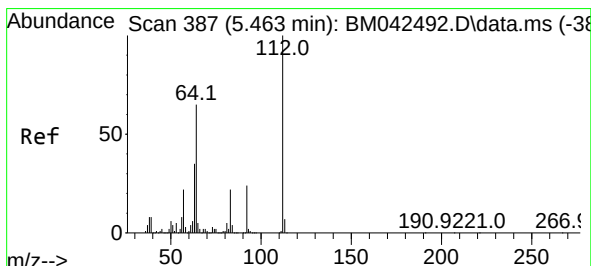
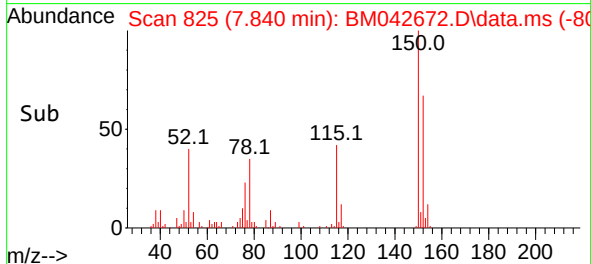
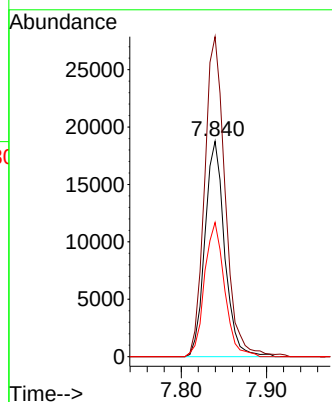
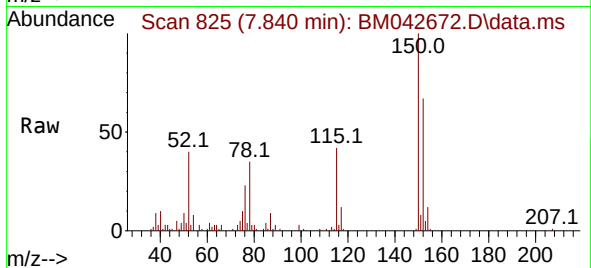




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042672.D
Acq: 09 Nov 2023 15:30

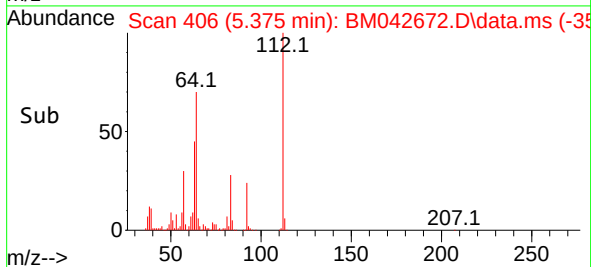
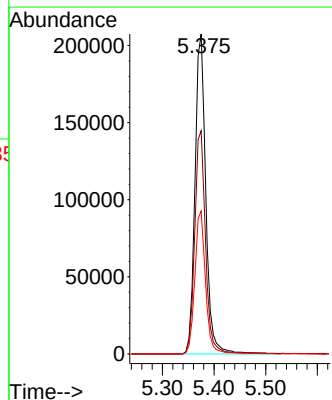
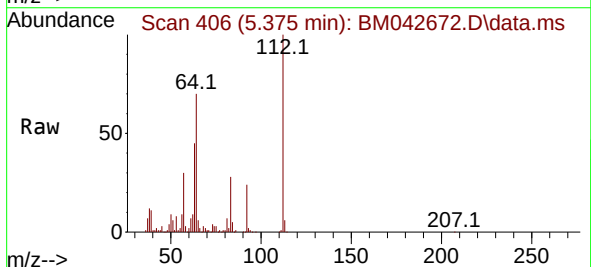
Instrument :
BNA_M
ClientSampleId :
WC-11

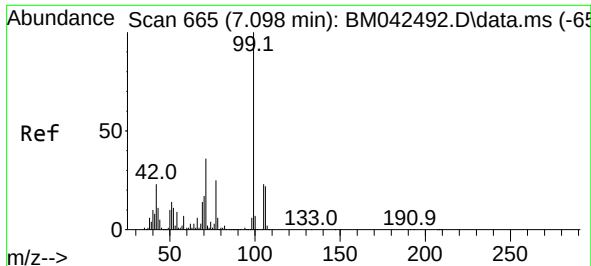
Tgt Ion:152 Resp: 30180
Ion Ratio Lower Upper
152 100
150 148.6 127.4 191.0
115 62.4 47.9 71.9



#5
2-Fluorophenol
Concen: 161.476 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM042672.D
Acq: 09 Nov 2023 15:30

Tgt Ion:112 Resp: 301964
Ion Ratio Lower Upper
112 100
64 69.7 52.1 78.1
63 44.7 28.3 42.5#

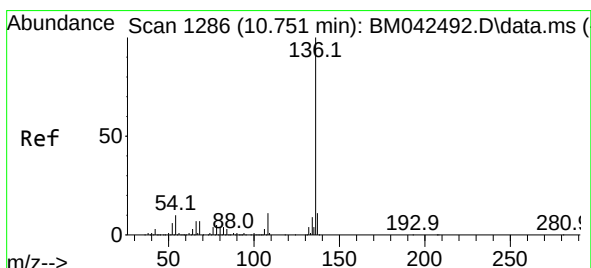
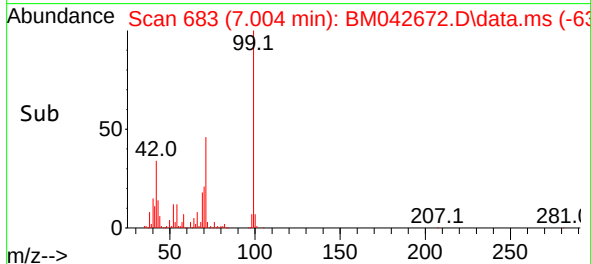
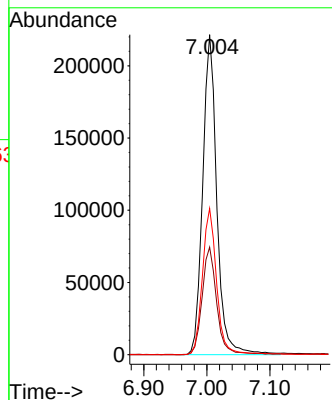
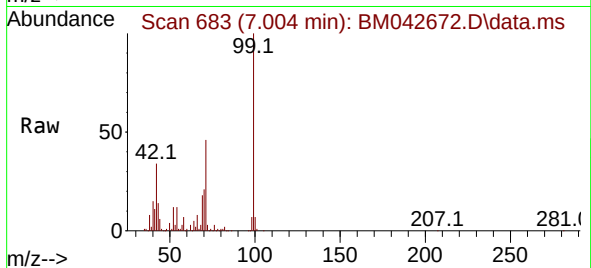




#7
Phenol-d6
Concen: 134.660 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042672.D
Acq: 09 Nov 2023 15:30

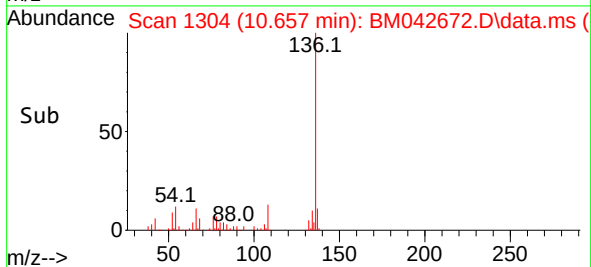
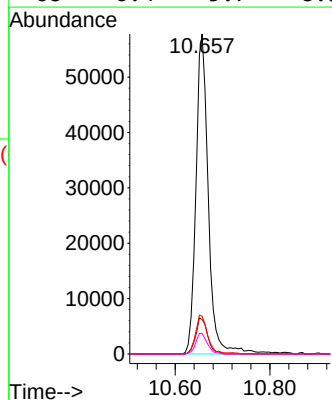
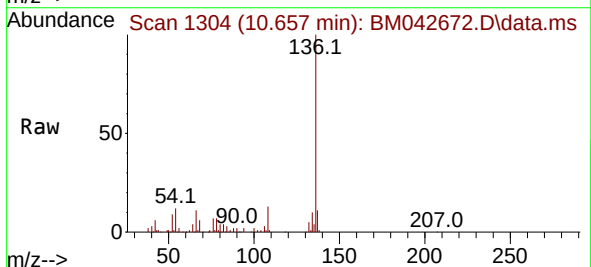
Instrument :
BNA_M
ClientSampleId :
WC-11

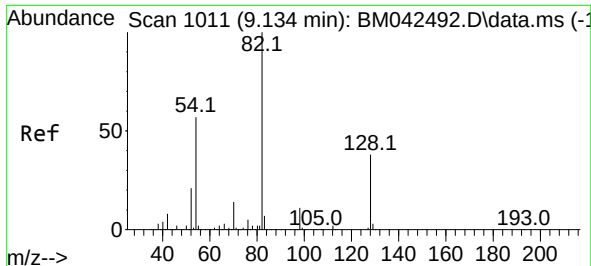
Tgt Ion: 99 Resp: 345357
Ion Ratio Lower Upper
99 100
42 33.6 18.7 28.1#
71 45.7 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM042672.D
Acq: 09 Nov 2023 15:30

Tgt Ion: 136 Resp: 104801
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 11.8 8.0 12.0
68 6.4 5.7 8.5

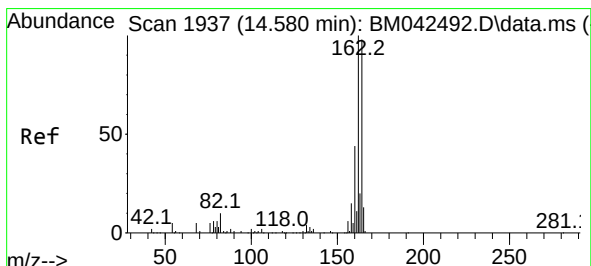
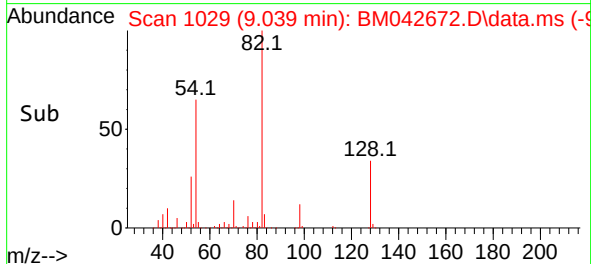
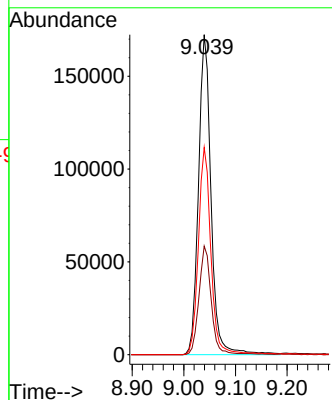
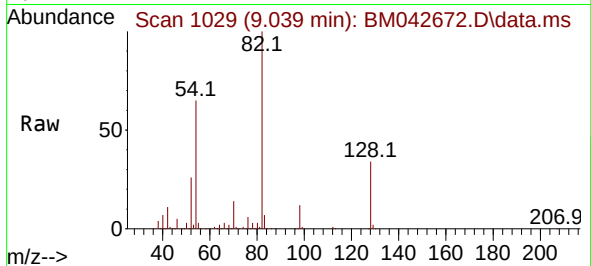




#23
 Nitrobenzene-d5
 Concen: 129.434 ng
 RT: 9.039 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: BM042672.D
 Acq: 09 Nov 2023 15:30

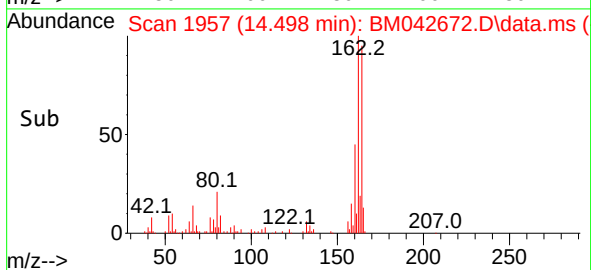
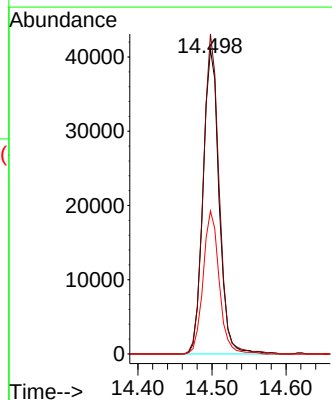
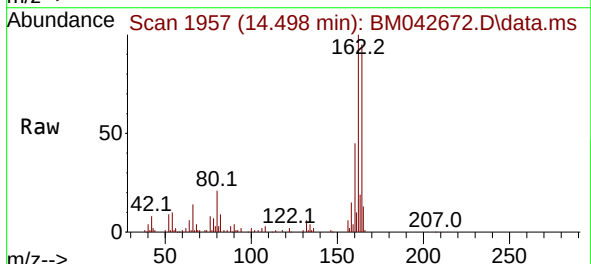
Instrument :
 BNA_M
 ClientSampleId :
 WC-11

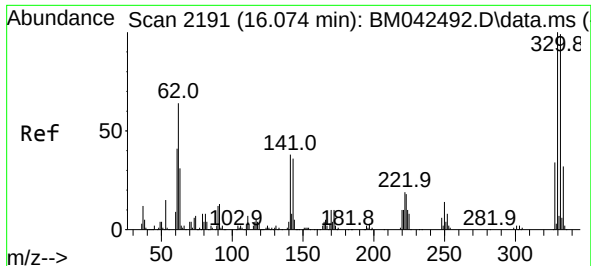
Tgt Ion: 82 Resp: 290987
 Ion Ratio Lower Upper
 82 100
 128 34.0 30.7 46.1
 54 64.8 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.498 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: BM042672.D
 Acq: 09 Nov 2023 15:30

Tgt Ion: 164 Resp: 61833
 Ion Ratio Lower Upper
 164 100
 162 105.1 81.6 122.4
 160 47.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 207.501 ng

RT: 15.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042672.D

Acq: 09 Nov 2023 15:30

Instrument :

BNA_M

ClientSampleId :

WC-11

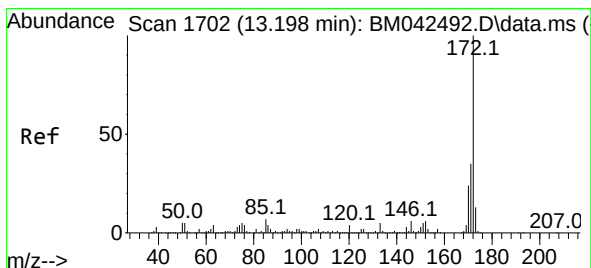
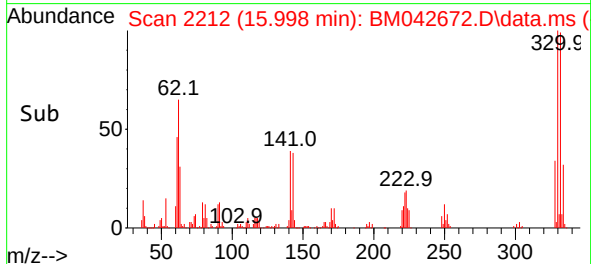
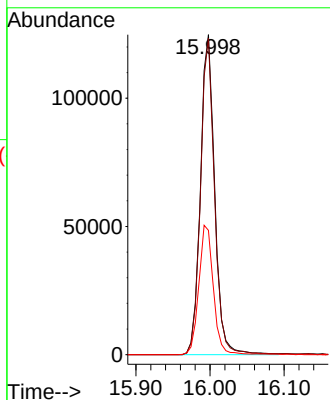
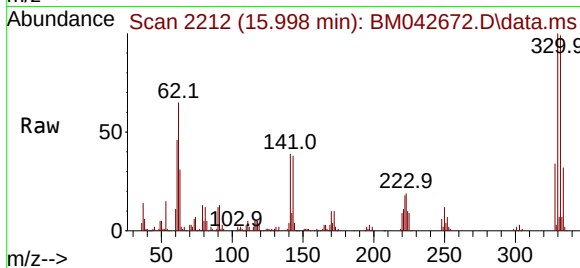
Tgt Ion:330 Resp: 167512

Ion Ratio Lower Upper

330 100

332 97.5 78.8 118.2

141 41.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 124.106 ng

RT: 13.116 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BM042672.D

Acq: 09 Nov 2023 15:30

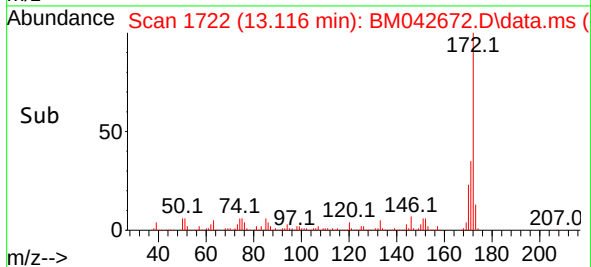
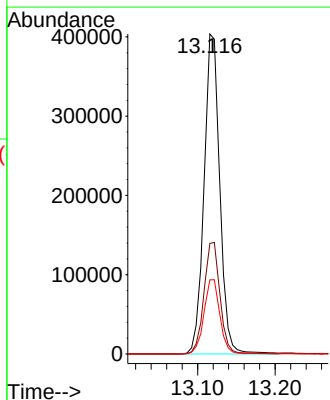
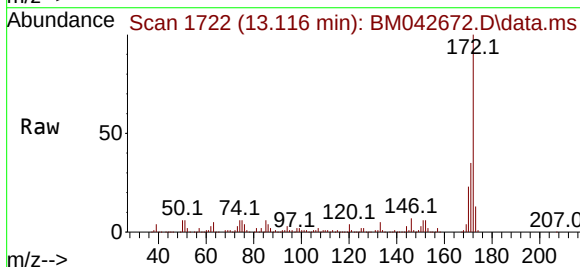
Tgt Ion:172 Resp: 570292

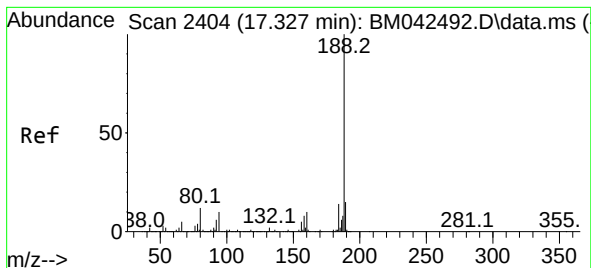
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042672.D

Acq: 09 Nov 2023 15:30

Instrument :

BNA_M

ClientSampleId :

WC-11

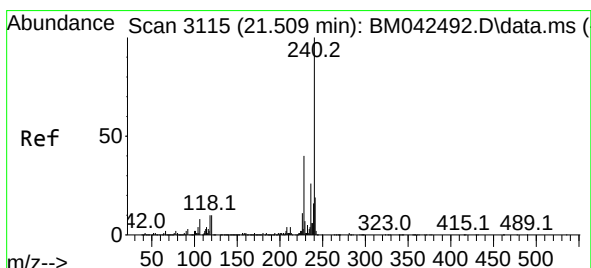
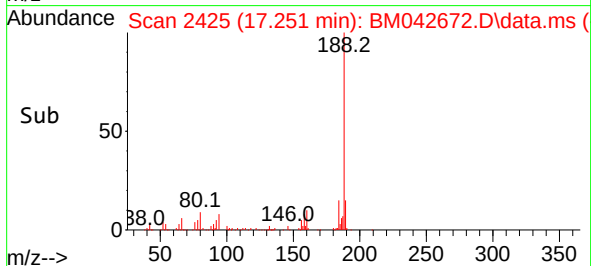
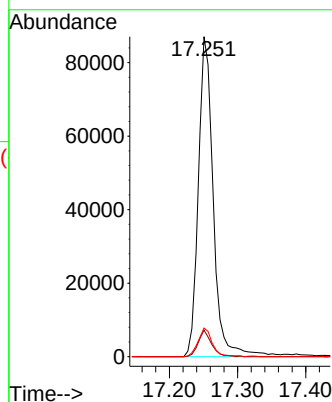
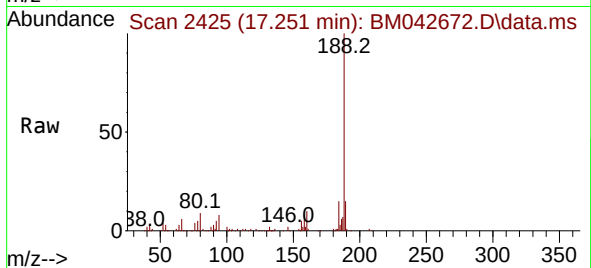
Tgt Ion:188 Resp: 132452

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

80 9.0 9.4 14.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042672.D

Acq: 09 Nov 2023 15:30

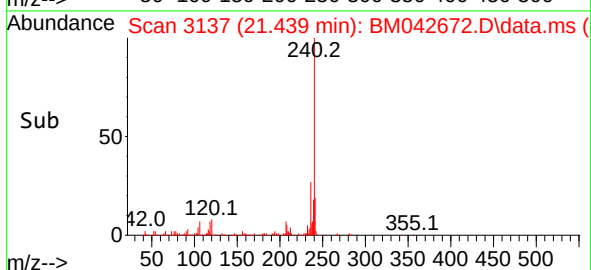
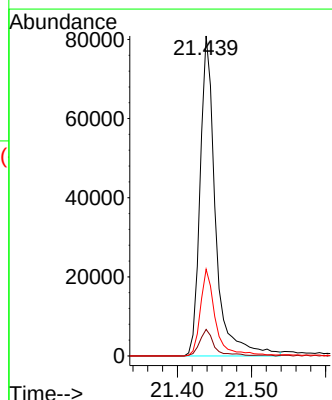
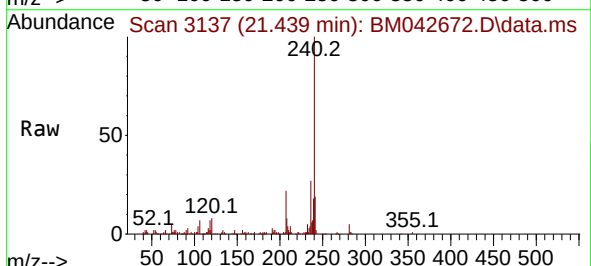
Tgt Ion:240 Resp: 116963

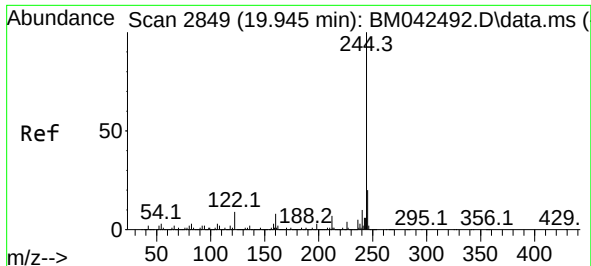
Ion Ratio Lower Upper

240 100

120 8.3 8.3 12.5#

236 27.1 20.8 31.2

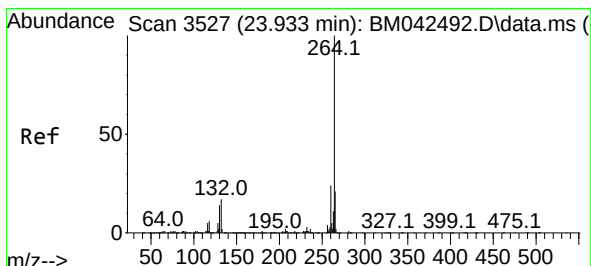
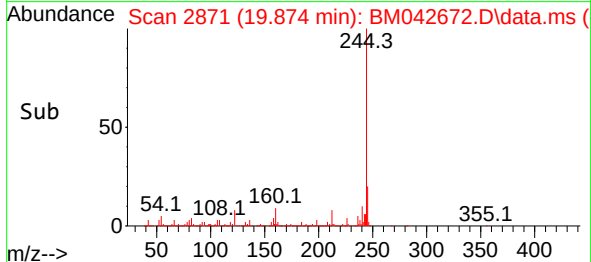
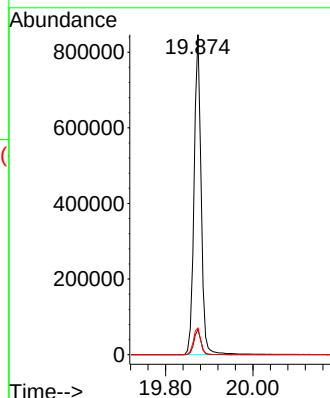
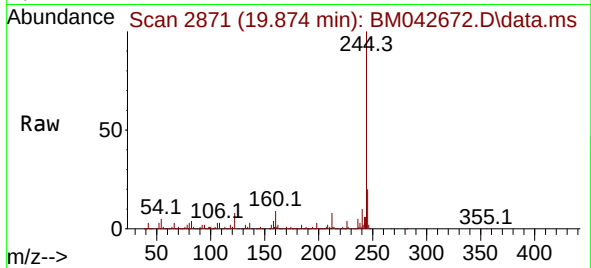




#79
 Terphenyl-d14
 Concen: 138.077 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042672.D
 Acq: 09 Nov 2023 15:30

Instrument :
 BNA_M
 ClientSampleId :
 WC-11

Tgt Ion:244 Resp: 952457
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 8.4 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: BM042672.D
 Acq: 09 Nov 2023 15:30

Tgt Ion:264 Resp: 61530
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.0 28.4
 265 23.3 18.7 28.1

