

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042548.D
 Acq On : 01 Nov 2023 20:13
 Operator : MA/JU
 Sample : 05162-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-10302023

Quant Time: Nov 01 23:44:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

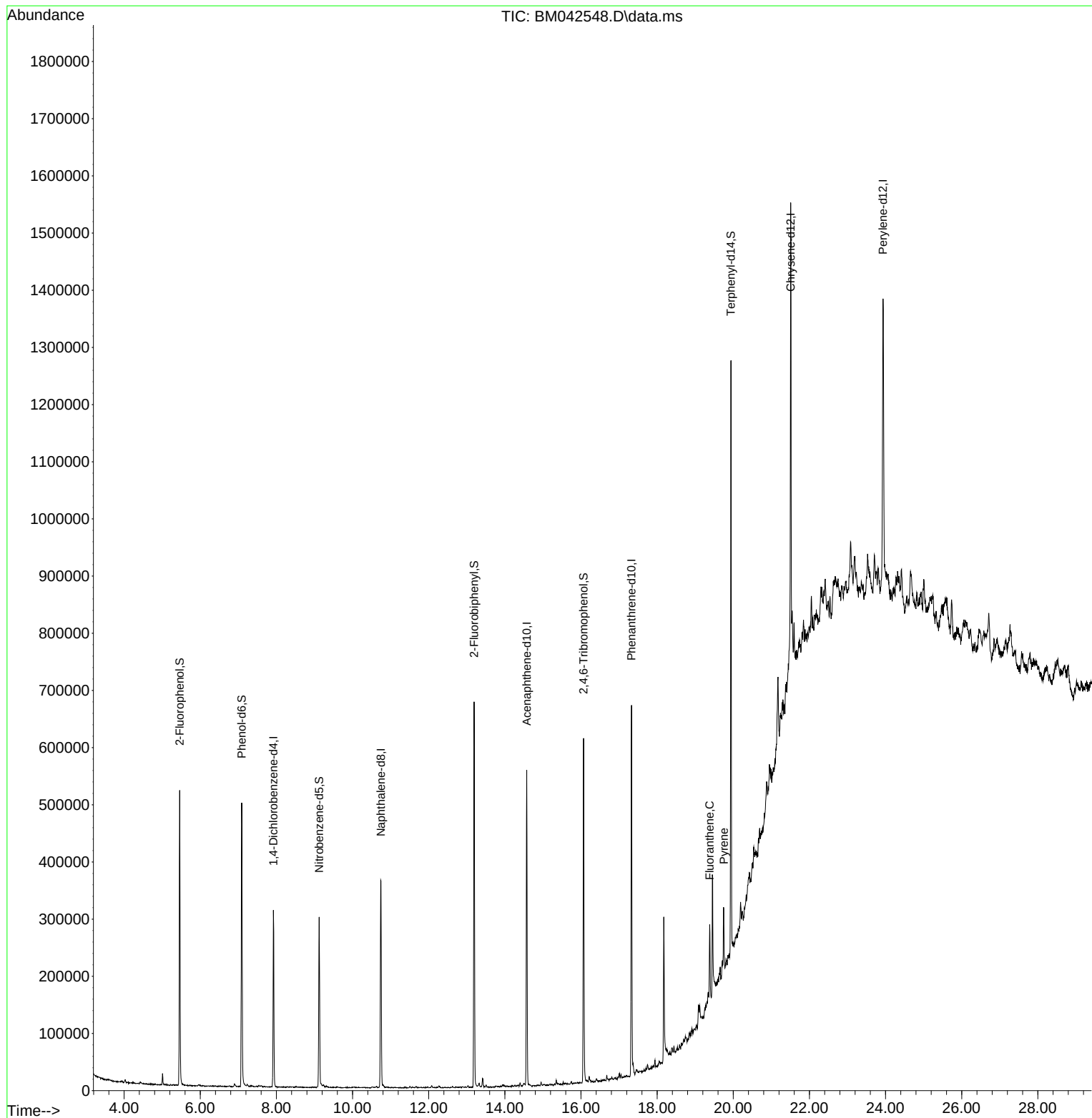
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	73702	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	273197	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	167676	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	362126	20.000	ng	# 0.00
76) Chrysene-d12	21.509	240	343217	20.000	ng	0.00
86) Perylene-d12	23.933	264	381273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	191331	41.896	ng	0.00
7) Phenol-d6	7.087	99	246484	39.355	ng	-0.01
23) Nitrobenzene-d5	9.122	82	166331	28.382	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	95321	43.542	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	313440	25.154	ng	0.00
79) Terphenyl-d14	19.939	244	446642	22.066	ng	0.00
Target Compounds						
75) Fluoranthene	19.380	202	77433	3.483	ng	97
78) Pyrene	19.750	202	68073	2.888	ng	95

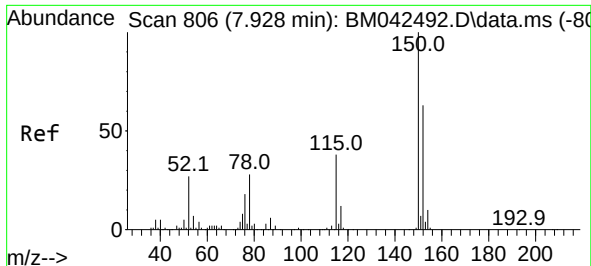
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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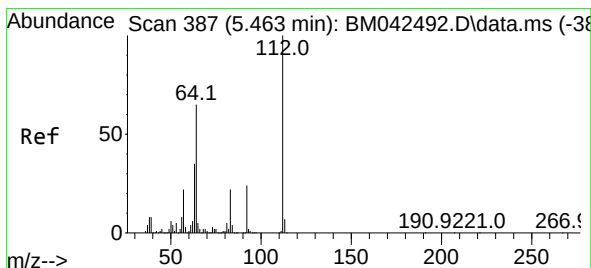
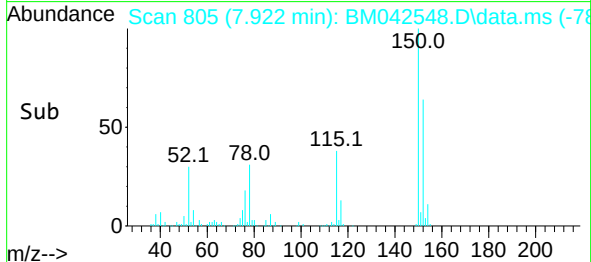
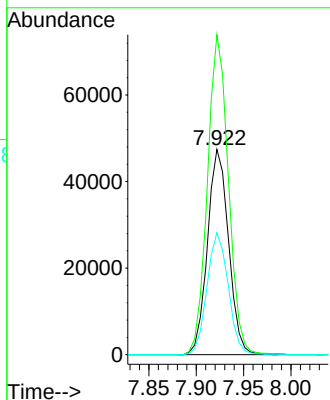
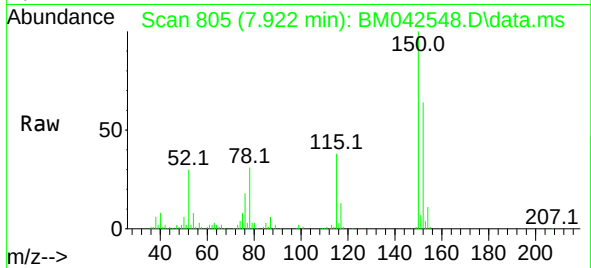




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042548.D
Acq: 01 Nov 2023 20:13

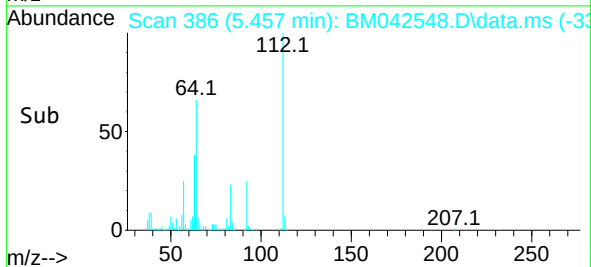
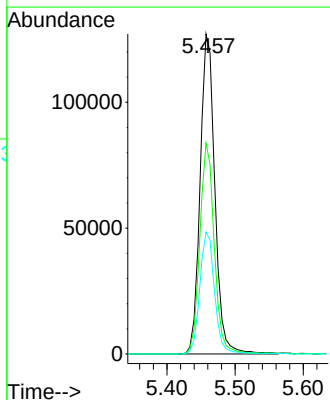
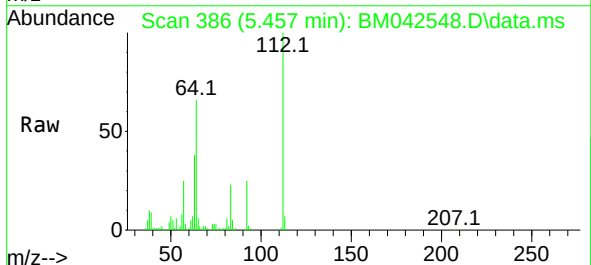
Instrument :
BNA_M
ClientSampleId :
HD-01-10302023

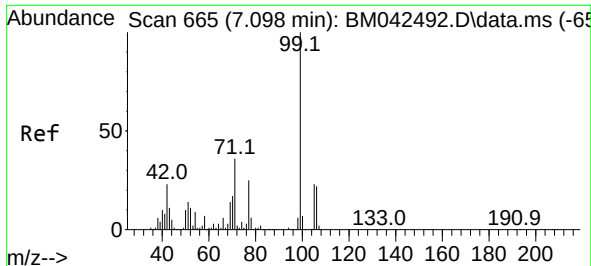
Tgt Ion:152 Resp: 73702
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 41.896 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042548.D
Acq: 01 Nov 2023 20:13

Tgt Ion:112 Resp: 191331
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 38.2 28.3 42.5

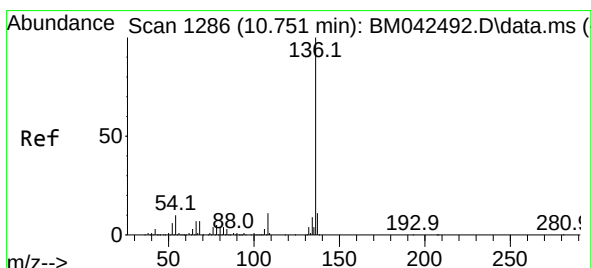
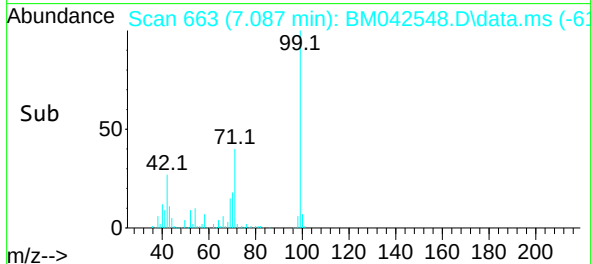
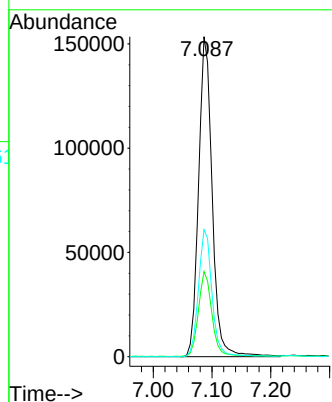
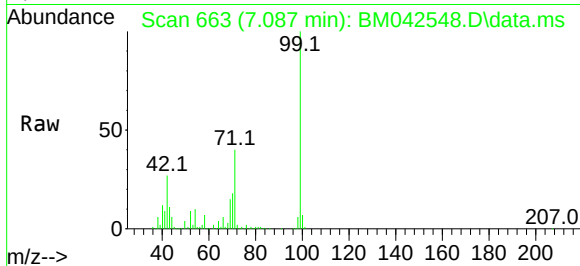




#7
Phenol-d6
Concen: 39.355 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM042548.D
Acq: 01 Nov 2023 20:13

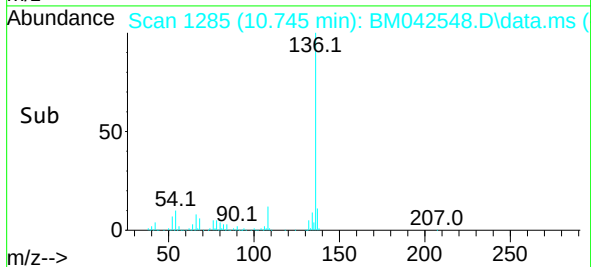
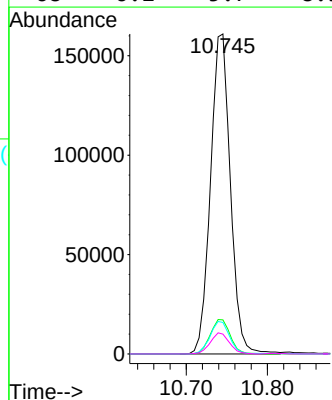
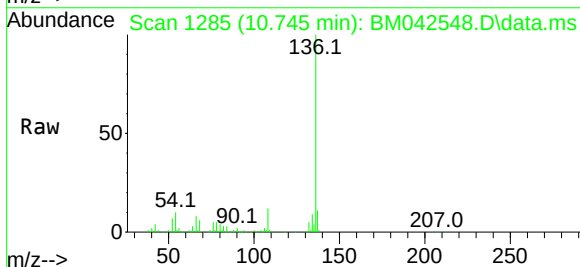
Instrument :
BNA_M
ClientSampleId :
HD-01-10302023

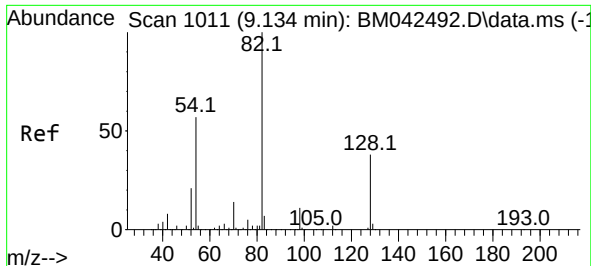
Tgt Ion: 99 Resp: 246484
Ion Ratio Lower Upper
99 100
42 26.6 18.7 28.1
71 39.7 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042548.D
Acq: 01 Nov 2023 20:13

Tgt Ion:136 Resp: 273197
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.9 8.0 12.0
68 6.2 5.7 8.5

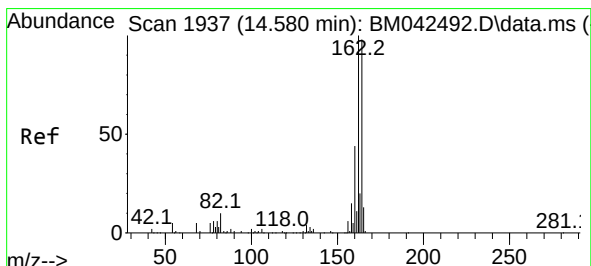
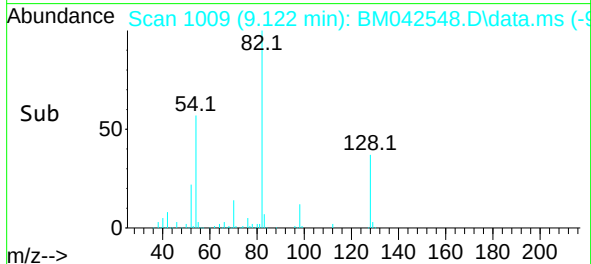
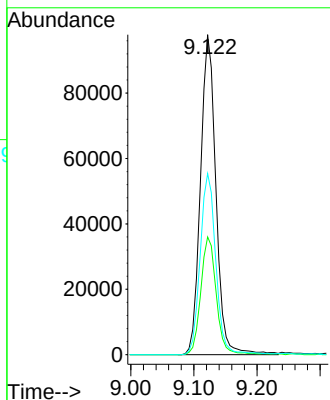
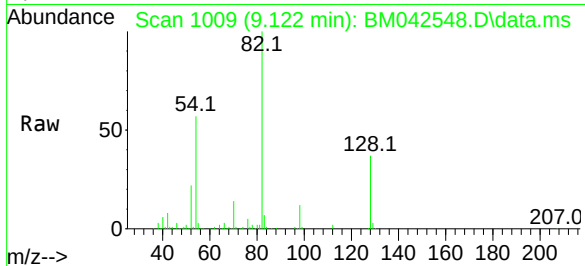




#23
Nitrobenzene-d5
Concen: 28.382 ng
RT: 9.122 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM042548.D
Acq: 01 Nov 2023 20:13

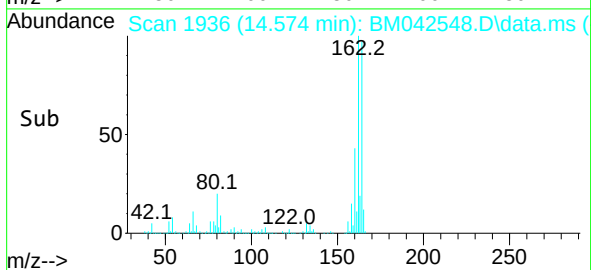
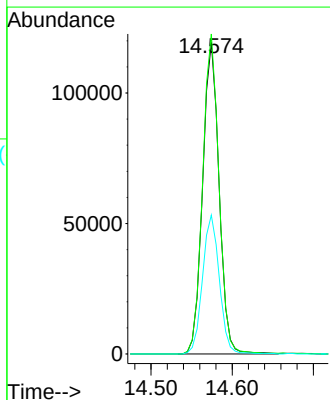
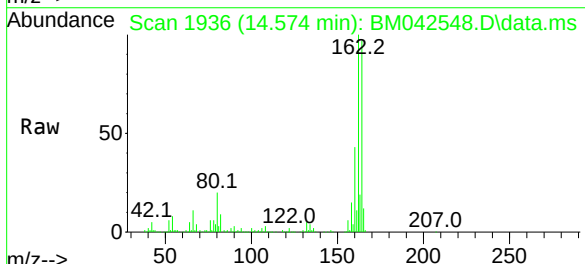
Instrument :
BNA_M
ClientSampleId :
HD-01-10302023

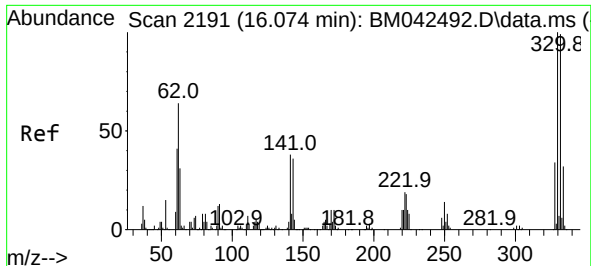
Tgt Ion: 82 Resp: 166331
Ion Ratio Lower Upper
82 100
128 36.8 30.7 46.1
54 56.6 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042548.D
Acq: 01 Nov 2023 20:13

Tgt Ion: 164 Resp: 167676
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 43.542 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042548.D

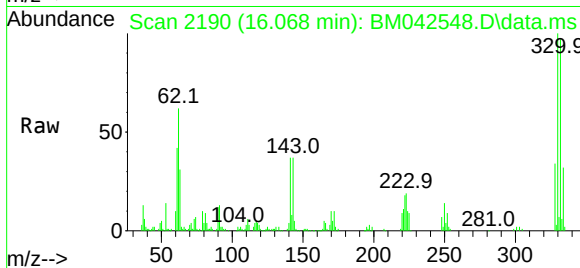
Acq: 01 Nov 2023 20:13

Instrument :

BNA_M

ClientSampleId :

HD-01-10302023



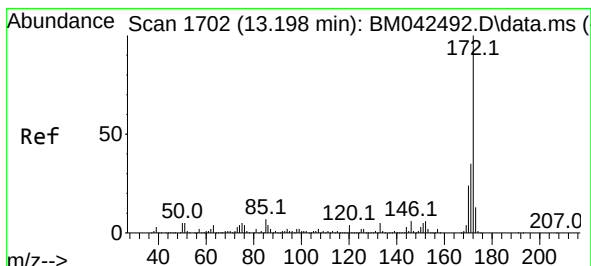
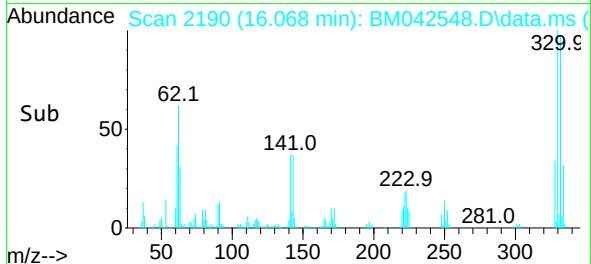
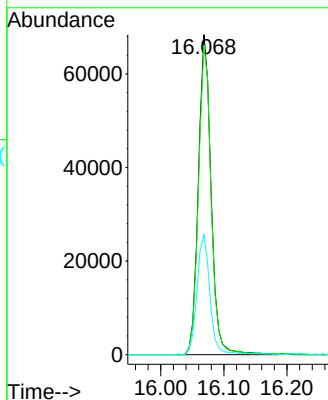
Tgt Ion:330 Resp: 95321

Ion Ratio Lower Upper

330 100

332 96.7 78.8 118.2

141 38.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 25.154 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

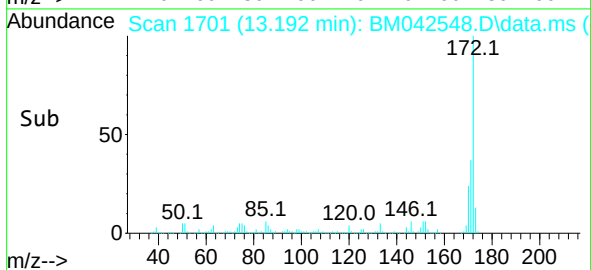
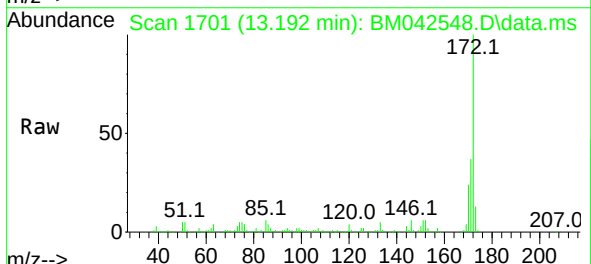
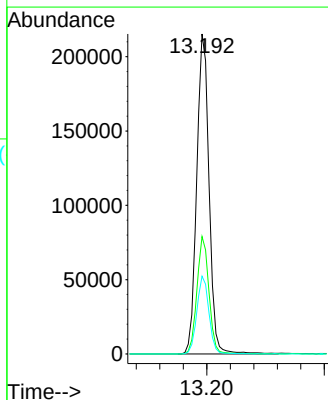
Tgt Ion:172 Resp: 313440

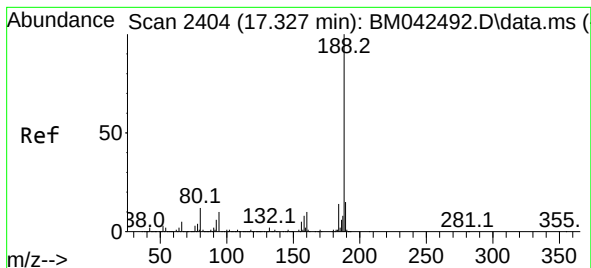
Ion Ratio Lower Upper

172 100

171 36.7 28.2 42.2

170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

Instrument :

BNA_M

ClientSampleId :

HD-01-10302023

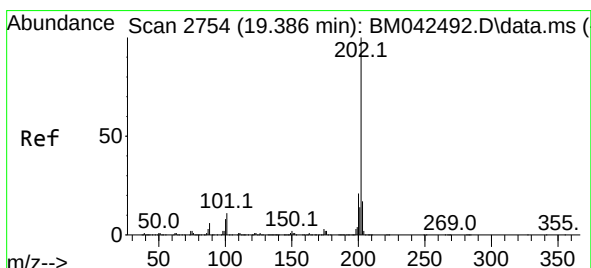
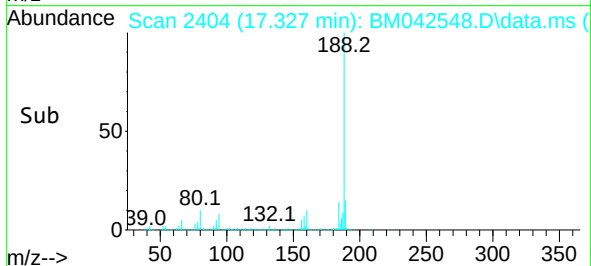
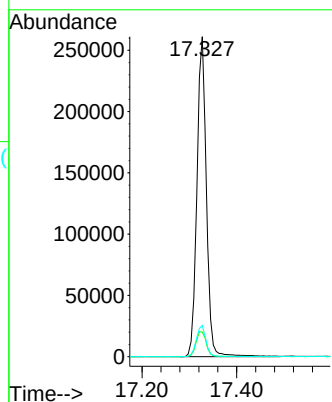
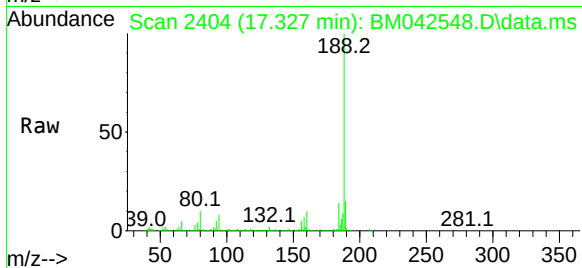
Tgt Ion:188 Resp: 362126

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.4#

80 9.8 9.4 14.2



#75

Fluoranthene

Concen: 3.483 ng

RT: 19.380 min Scan# 2753

Delta R.T. -0.006 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

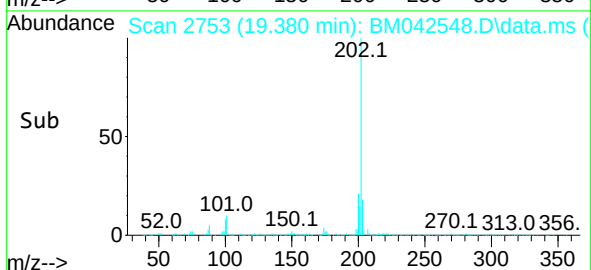
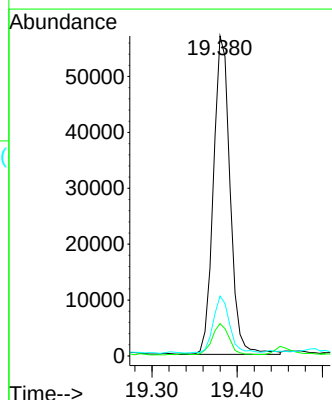
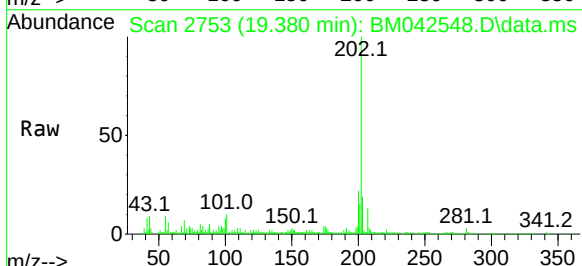
Tgt Ion:202 Resp: 77433

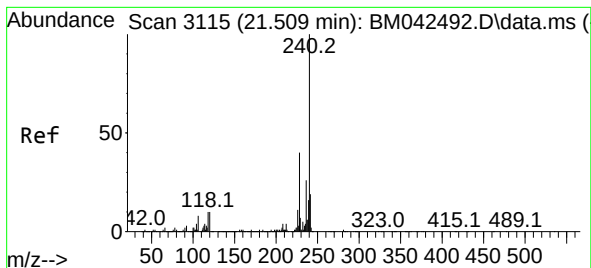
Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

203 18.7 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

Instrument :

BNA_M

ClientSampleId :

HD-01-10302023

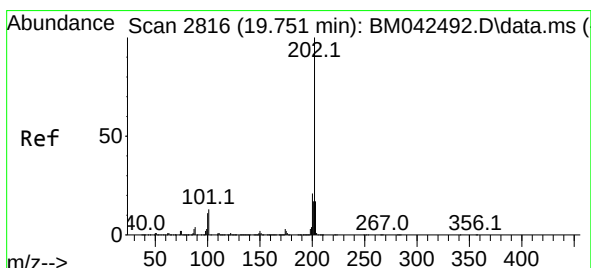
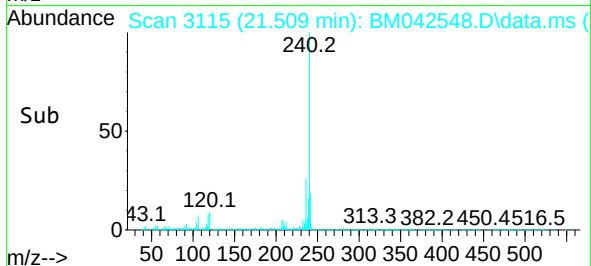
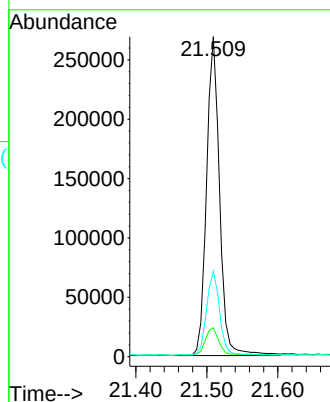
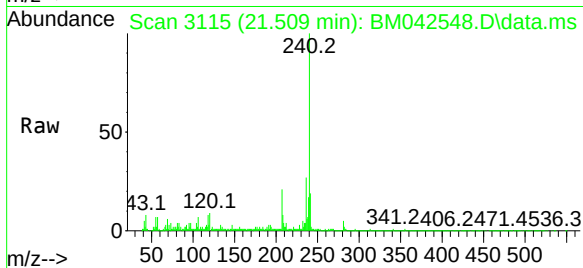
Tgt Ion:240 Resp: 343217

Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.8 20.8 31.2



#78

Pyrene

Concen: 2.888 ng

RT: 19.750 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

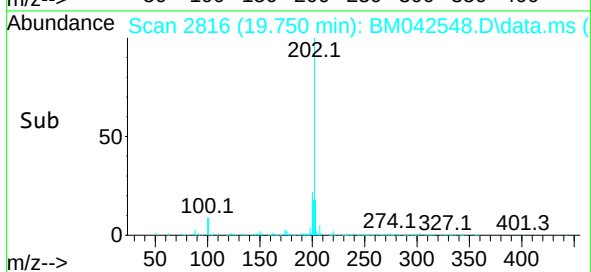
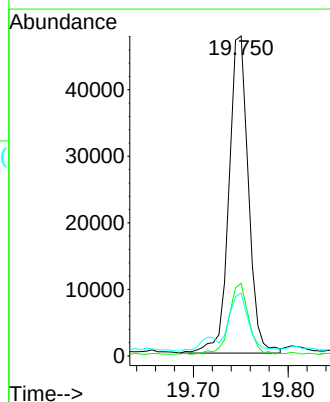
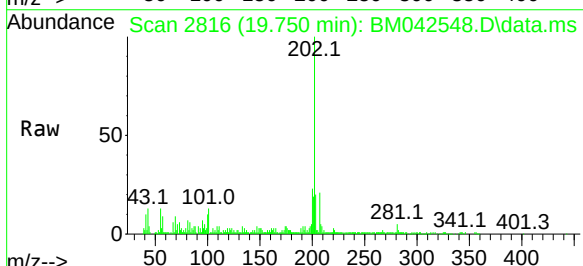
Tgt Ion:202 Resp: 68073

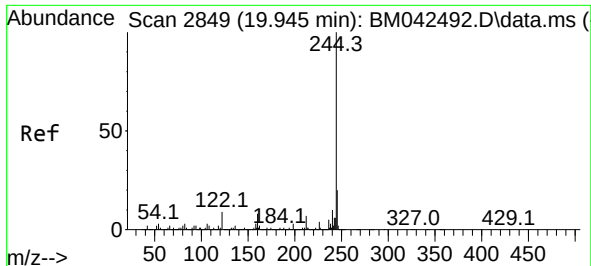
Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

203 19.7 13.7 20.5

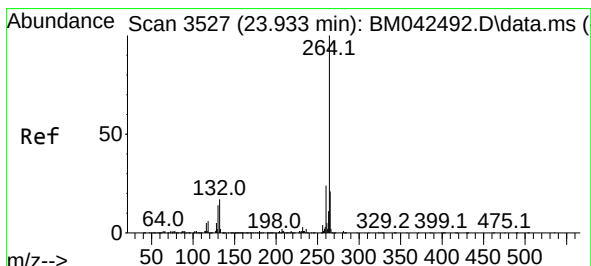
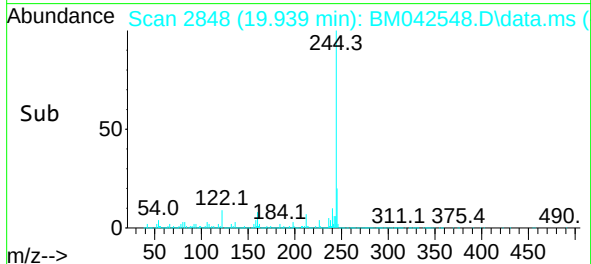
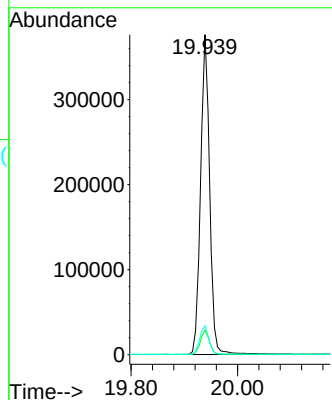
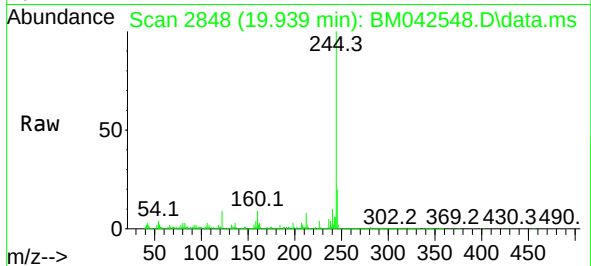




#79
 Terphenyl-d14
 Concen: 22.066 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042548.D
 Acq: 01 Nov 2023 20:13

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-10302023

Tgt Ion:244 Resp: 446642
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 9.0 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.933 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BM042548.D
 Acq: 01 Nov 2023 20:13

Tgt Ion:264 Resp: 381273
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 23.3 18.7 28.1

