

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042550.D
 Acq On : 01 Nov 2023 21:25
 Operator : MA/JU
 Sample : 05162-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-10302023

Quant Time: Nov 01 23:45:22 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)

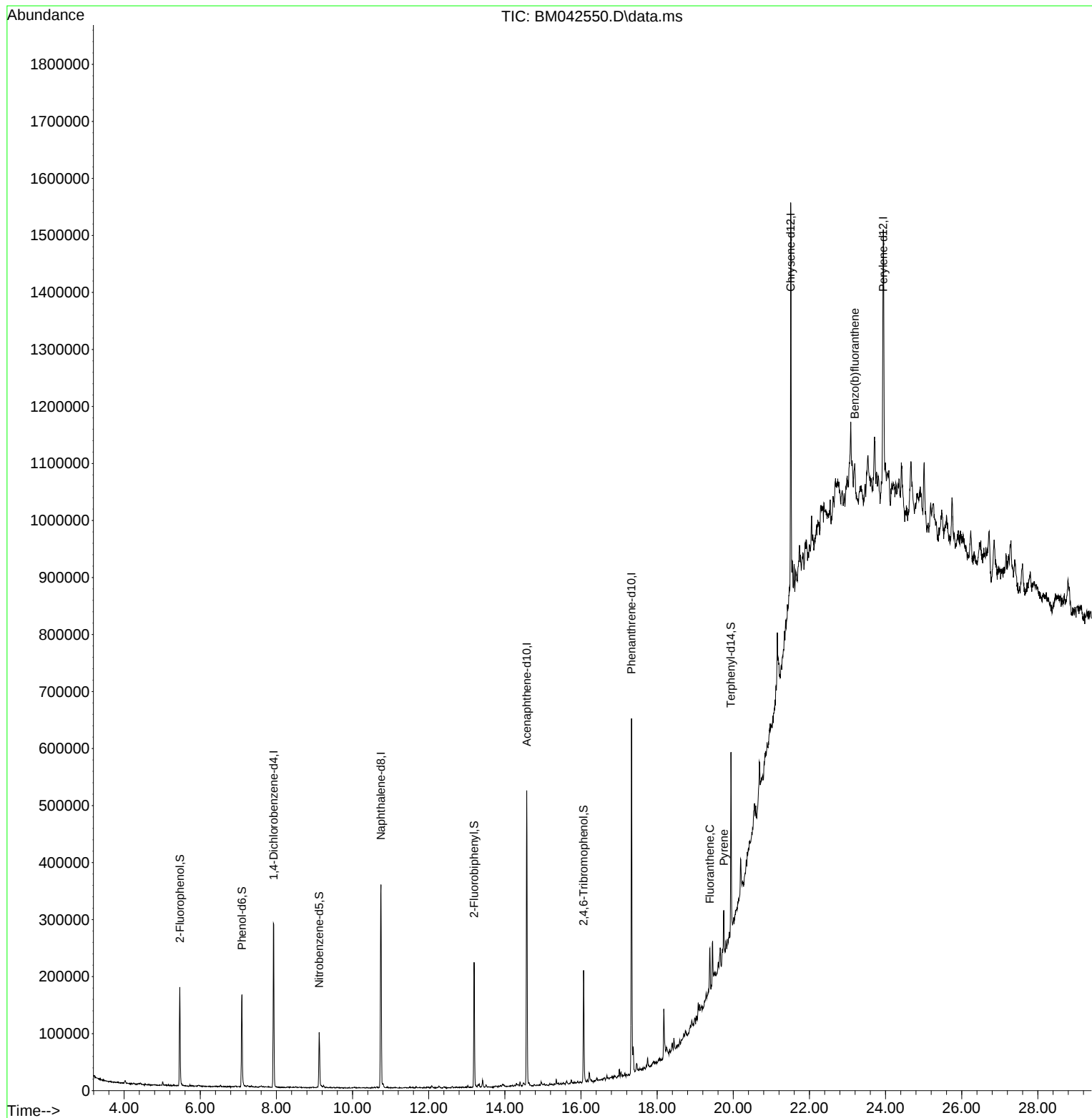
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	69974	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	263092	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	157922	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	339467	20.000	ng	0.00
76) Chrysene-d12	21.509	240	306355	20.000	ng	0.00
86) Perylene-d12	23.938	264	352165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	66959	15.443	ng	0.00
7) Phenol-d6	7.092	99	83587	14.057	ng	0.00
23) Nitrobenzene-d5	9.122	82	55798	9.887	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	31895	15.469	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	102323	8.719	ng	0.00
79) Terphenyl-d14	19.939	244	139525	7.722	ng	0.00
Target Compounds						
75) Fluoranthene	19.386	202	44753	2.148	ng	97
78) Pyrene	19.750	202	44971	2.138	ng	# 92
88) Benzo(b)fluoranthene	23.191	252	42581	2.170	ng	# 68

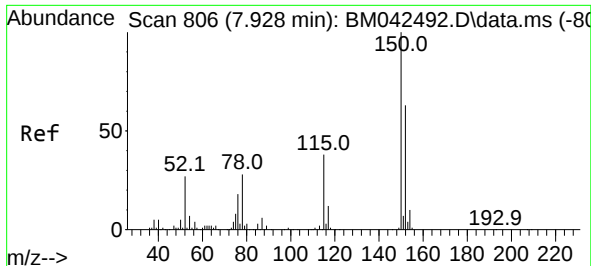
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042550.D
Acq On : 01 Nov 2023 21:25
Operator : MA/JU
Sample : 05162-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Quant Time: Nov 01 23:45:22 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

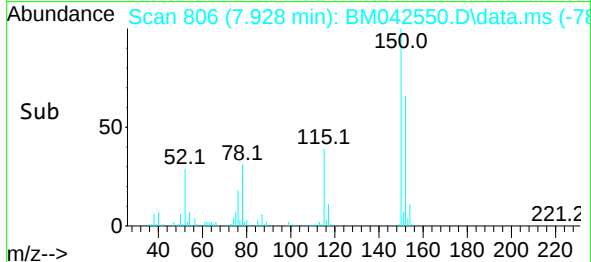
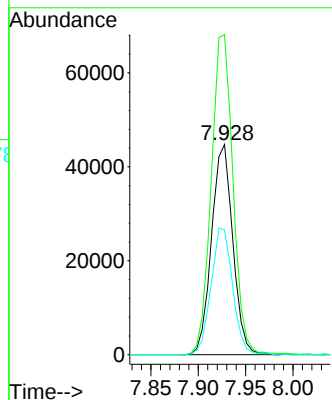
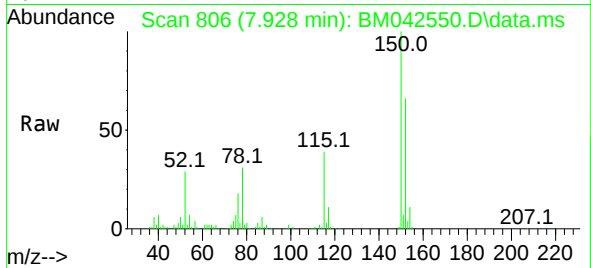




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

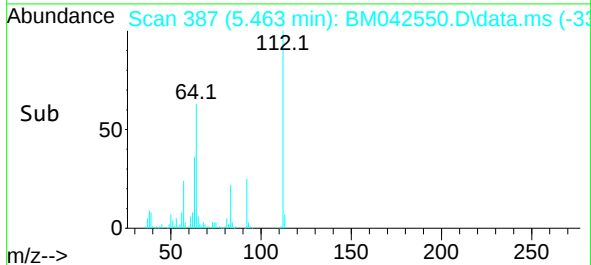
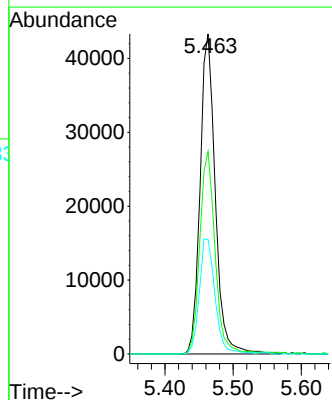
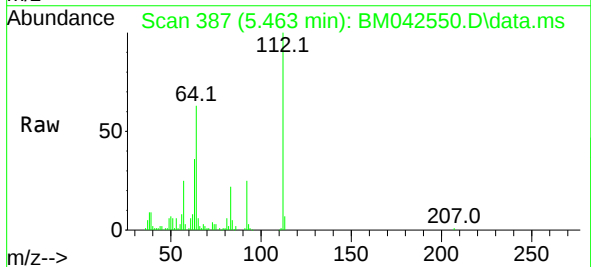
Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:152 Resp: 69974
Ion Ratio Lower Upper
152 100
150 152.2 127.4 191.0
115 59.4 47.9 71.9



#5
2-Fluorophenol
Concen: 15.443 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:112 Resp: 66959
Ion Ratio Lower Upper
112 100
64 63.2 52.1 78.1
63 35.8 28.3 42.5

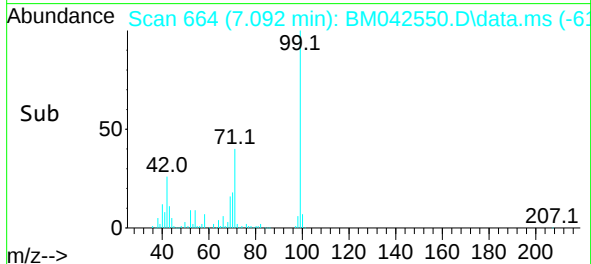
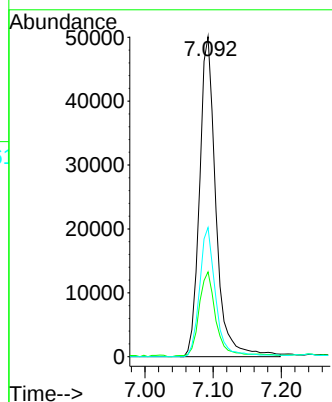
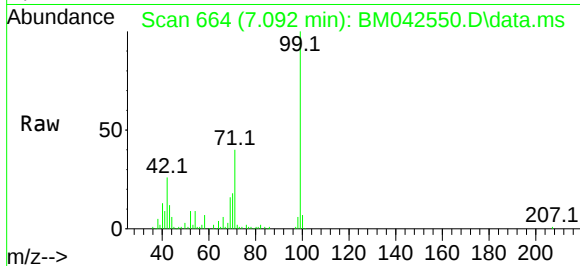




#7
Phenol-d6
Concen: 14.057 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

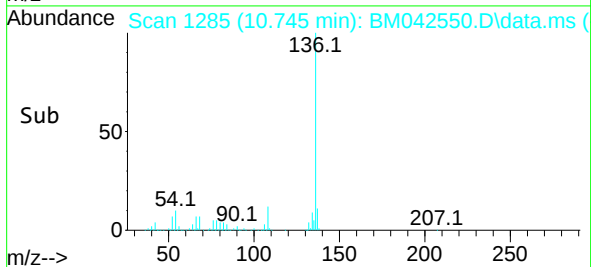
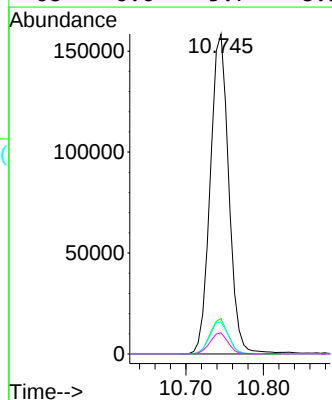
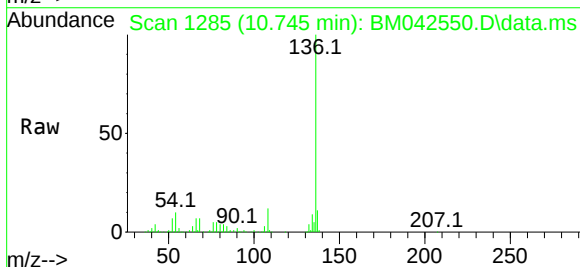
Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

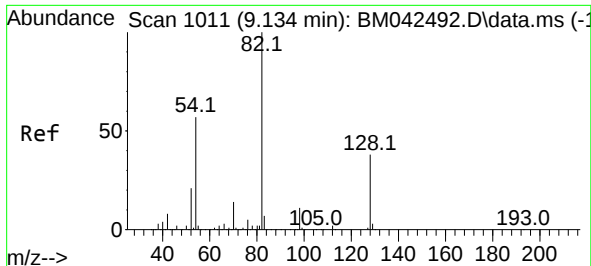
Tgt Ion: 99 Resp: 83587
Ion Ratio Lower Upper
99 100
42 26.5 18.7 28.1
71 40.3 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion: 136 Resp: 263092
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.0 8.0 12.0
68 6.6 5.7 8.5

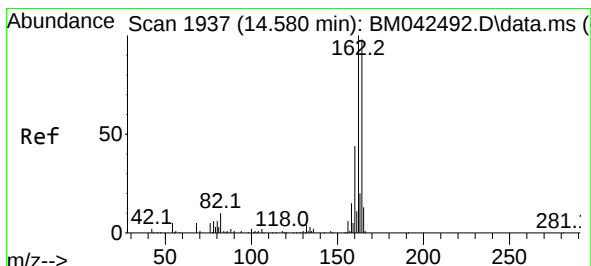
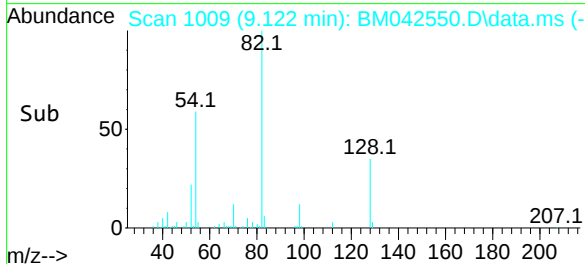
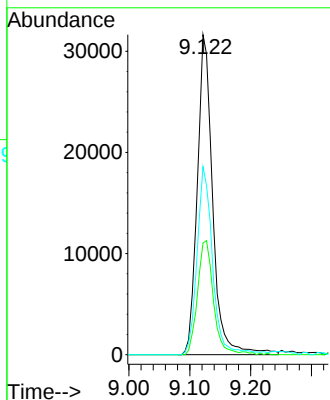
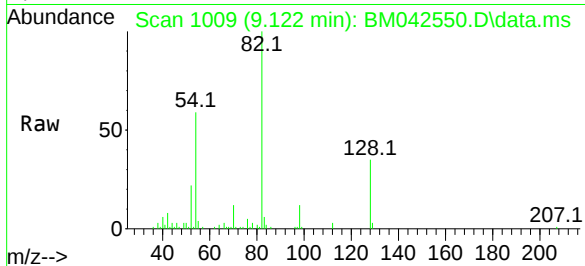




#23
Nitrobenzene-d5
Concen: 9.887 ng
RT: 9.122 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

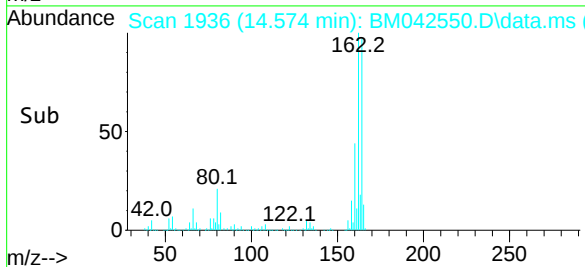
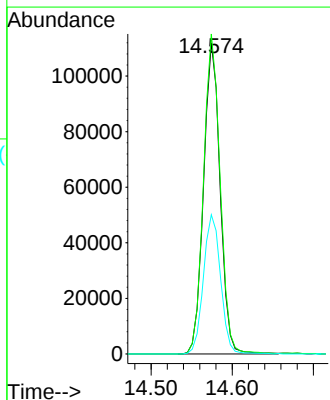
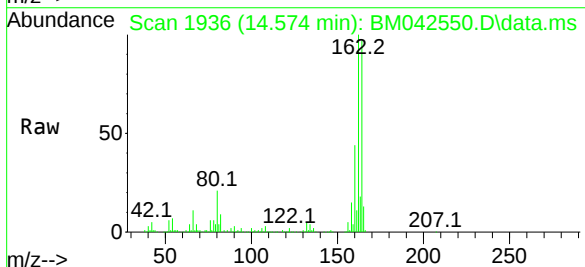
Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

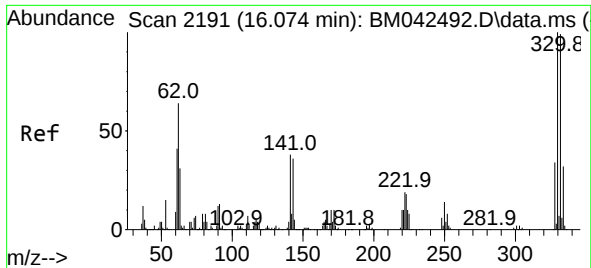
Tgt Ion: 82 Resp: 55798
Ion Ratio Lower Upper
82 100
128 34.9 30.7 46.1
54 58.7 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:164 Resp: 157922
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 44.8 36.2 54.4

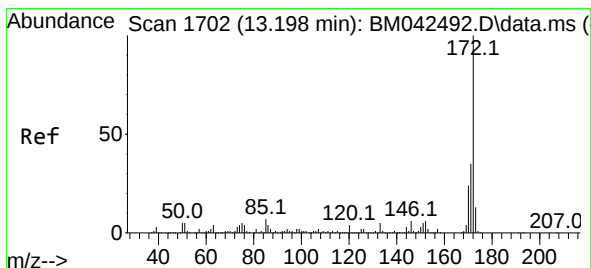
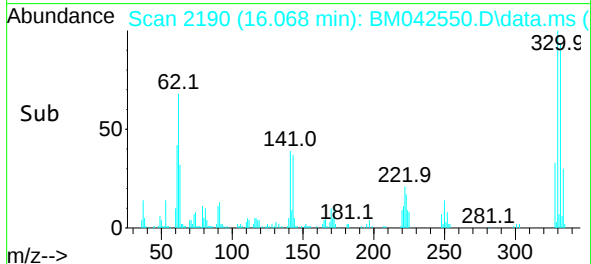
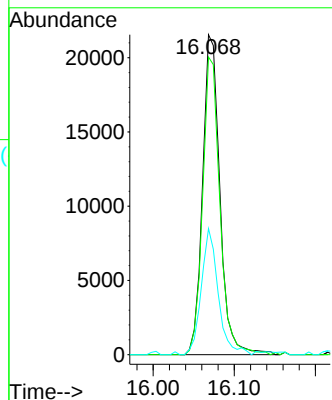
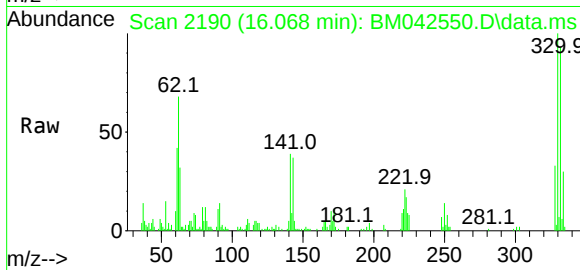




#42
2,4,6-Tribromophenol
Concen: 15.469 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

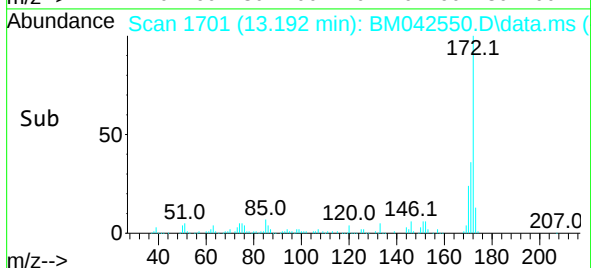
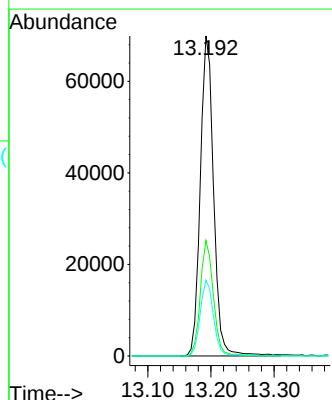
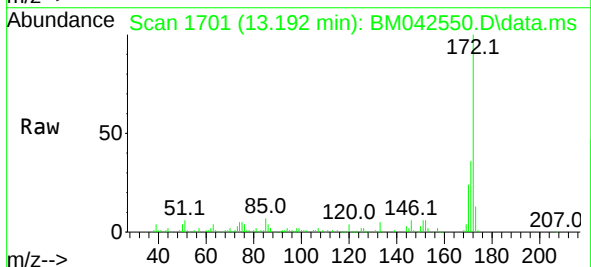
Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:330 Resp: 31895
Ion Ratio Lower Upper
330 100
332 92.9 78.8 118.2
141 38.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 8.719 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:172 Resp: 102323
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.7 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: BM042550.D

Acq: 01 Nov 2023 21:25

Instrument :

BNA_M

ClientSampleId :

HD-02-10302023

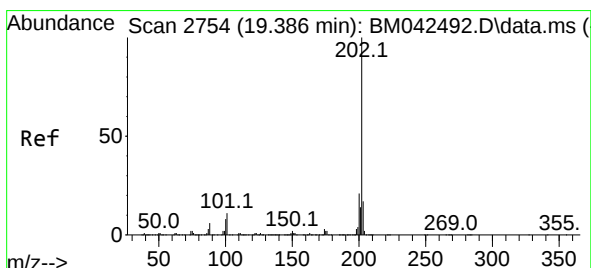
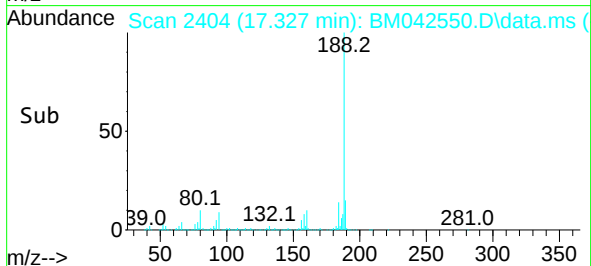
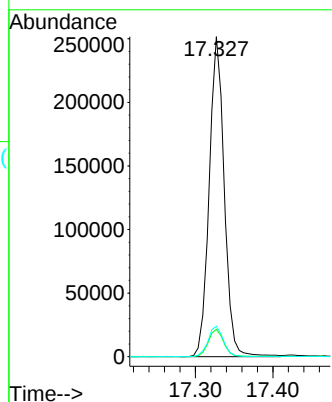
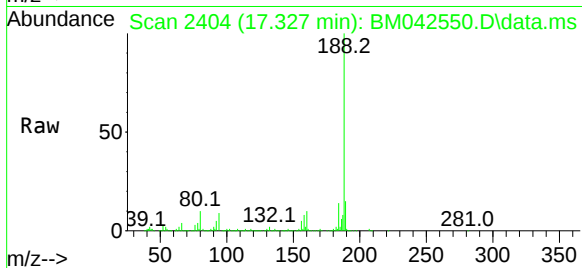
Tgt Ion:188 Resp: 339467

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.4

80 9.6 9.4 14.2



#75

Fluoranthene

Concen: 2.148 ng

RT: 19.386 min Scan# 2754

Delta R.T. -0.000 min

Lab File: BM042550.D

Acq: 01 Nov 2023 21:25

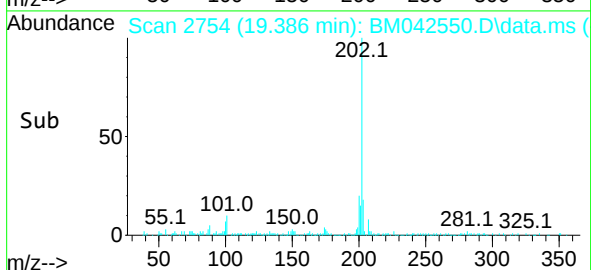
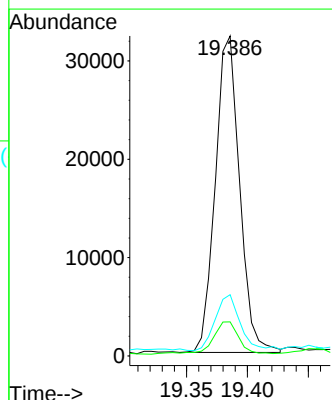
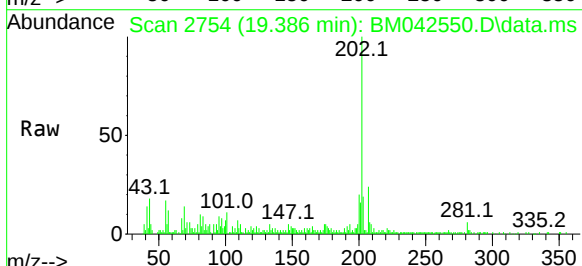
Tgt Ion:202 Resp: 44753

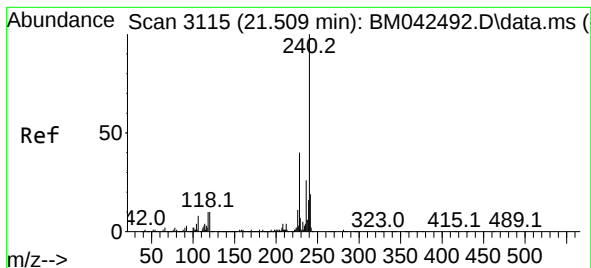
Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.5

203 19.1 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: BM042550.D

Acq: 01 Nov 2023 21:25

Instrument :

BNA_M

ClientSampleId :

HD-02-10302023

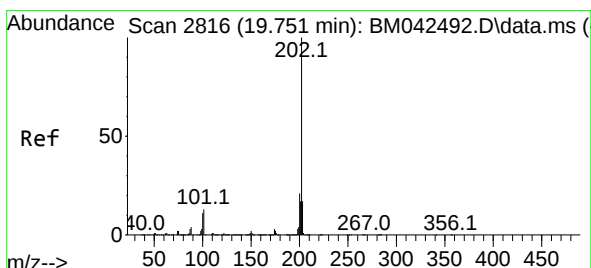
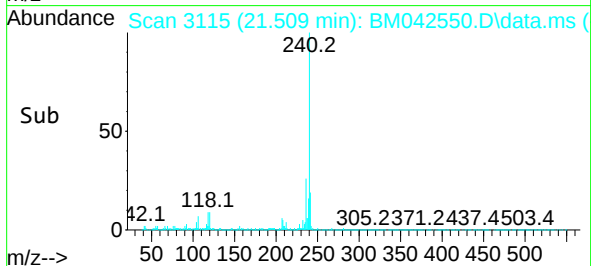
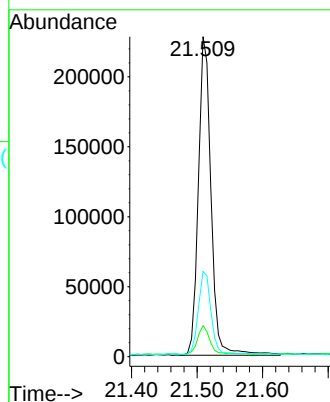
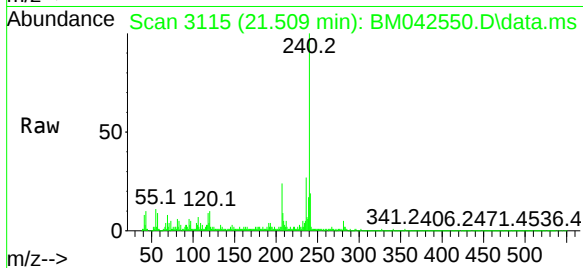
Tgt Ion:240 Resp: 306355

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

236 26.7 20.8 31.2



#78

Pyrene

Concen: 2.138 ng

RT: 19.750 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BM042550.D

Acq: 01 Nov 2023 21:25

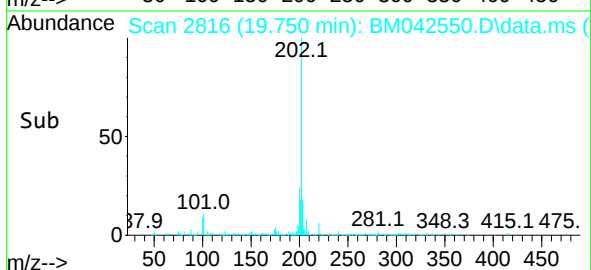
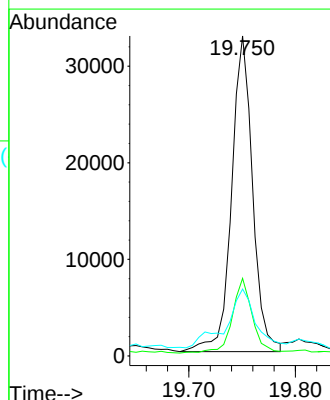
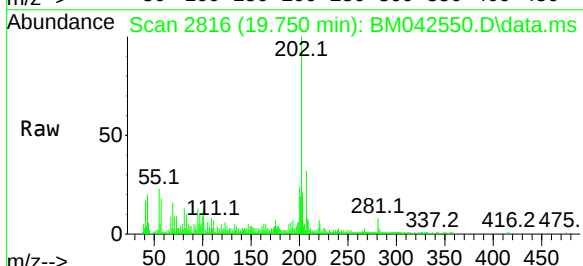
Tgt Ion:202 Resp: 44971

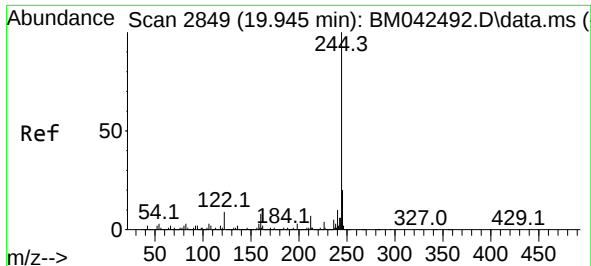
Ion Ratio Lower Upper

202 100

200 24.2 16.9 25.3

203 20.9 13.7 20.5#

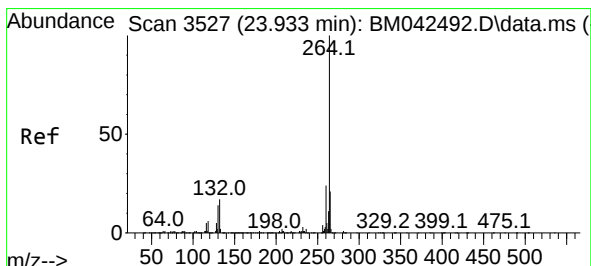
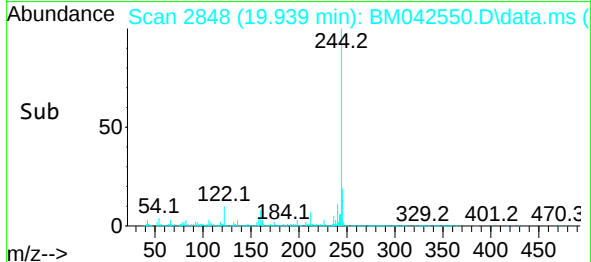
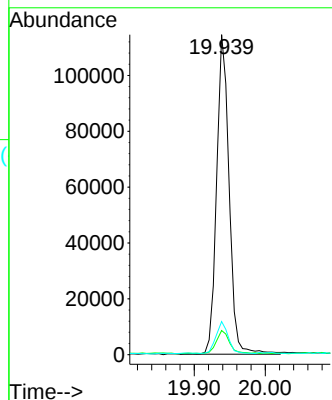
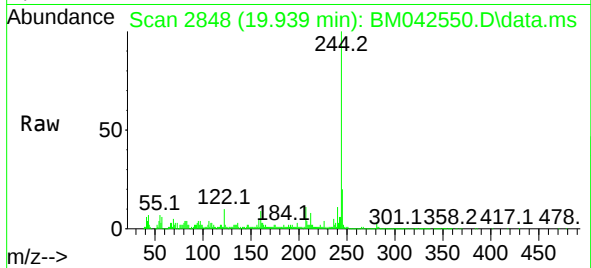




#79
 Terphenyl-d14
 Concen: 7.722 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042550.D
 Acq: 01 Nov 2023 21:25

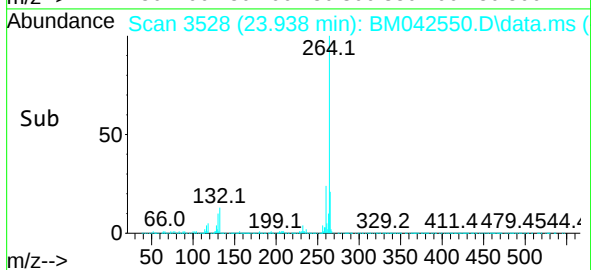
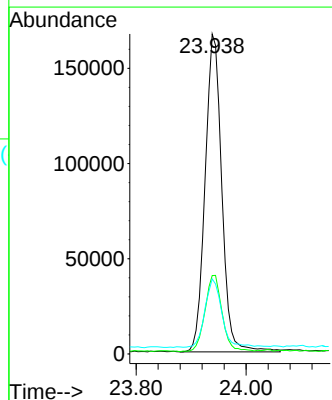
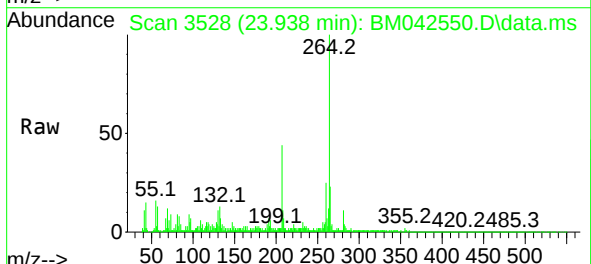
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-10302023

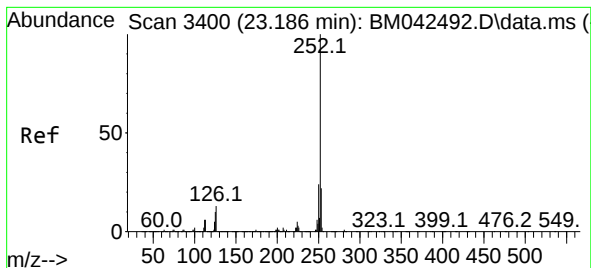
Tgt Ion:244 Resp: 139525
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 10.3 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.938 min Scan# 3528
 Delta R.T. 0.006 min
 Lab File: BM042550.D
 Acq: 01 Nov 2023 21:25

Tgt Ion:264 Resp: 352165
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 23.5 18.7 28.1





#88

Benzo(b)fluoranthene

Concen: 2.170 ng

RT: 23.191 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM042550.D

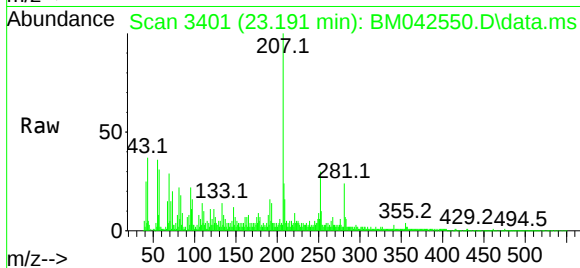
Acq: 01 Nov 2023 21:25

Instrument :

BNA_M

ClientSampleId :

HD-02-10302023



Tgt Ion:252 Resp: 42581

Ion Ratio Lower Upper

252 100

253 34.9 17.5 26.3#

125 25.2 7.8 11.6#

