

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042597.D
 Acq On : 04 Nov 2023 18:29
 Operator : MA/JU
 Sample : 05229-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-1-110223

Quant Time: Nov 06 01:48:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

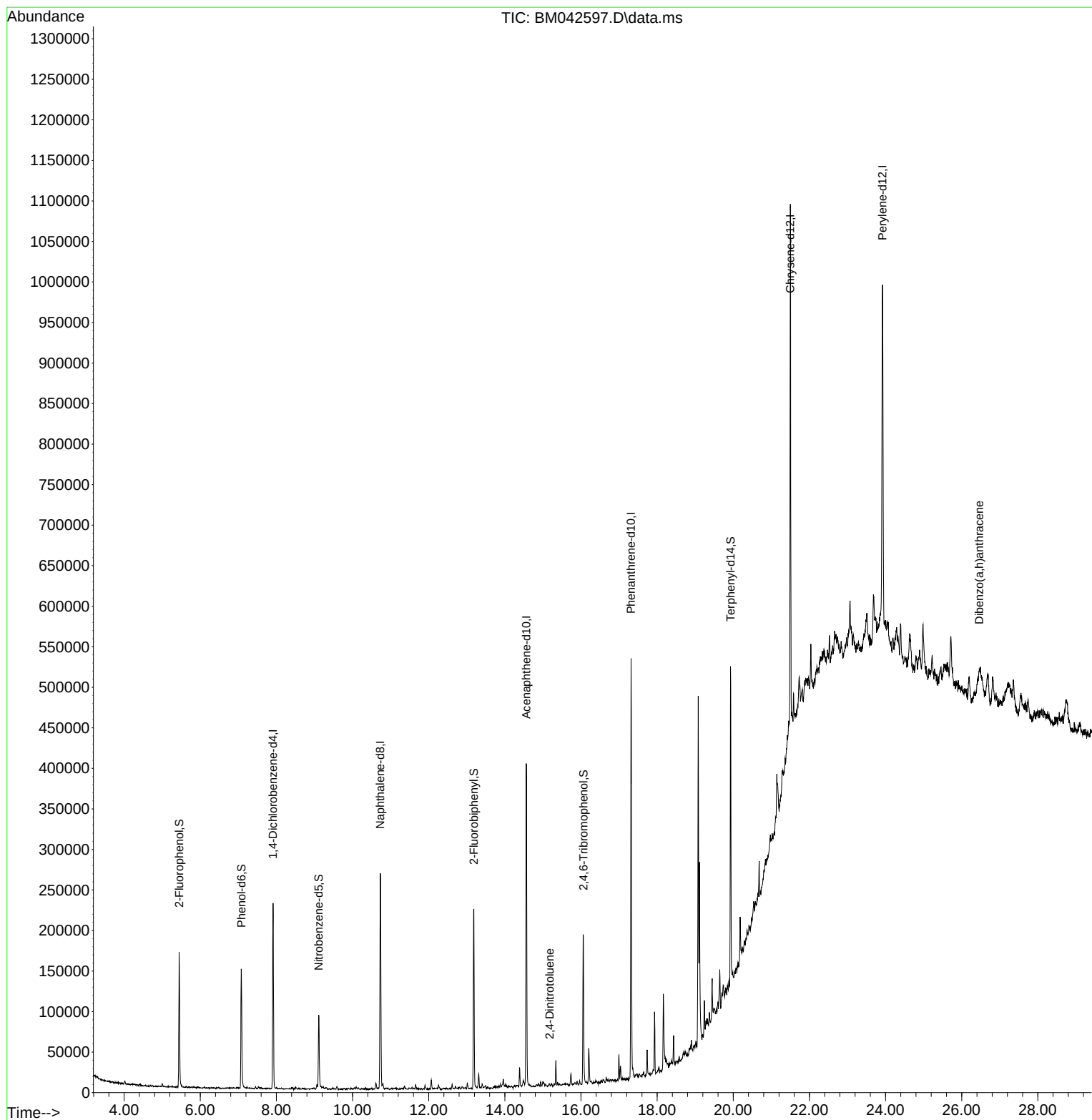
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	55138	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	202154	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	125508	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	280573	20.000	ng	# 0.00
76) Chrysene-d12	21.498	240	294834	20.000	ng	# 0.00
86) Perylene-d12	23.921	264	328960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	60666	17.757	ng	0.00
7) Phenol-d6	7.081	99	77241	16.485	ng	0.00
23) Nitrobenzene-d5	9.110	82	53221	12.273	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	32694	19.952	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	108196	11.600	ng	0.00
79) Terphenyl-d14	19.927	244	178761	10.281	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	15.175	165	57	3.989	ng	# 5
91) Dibenzo(a,h)anthracene	26.462	278	452	4.161	ng	# 1

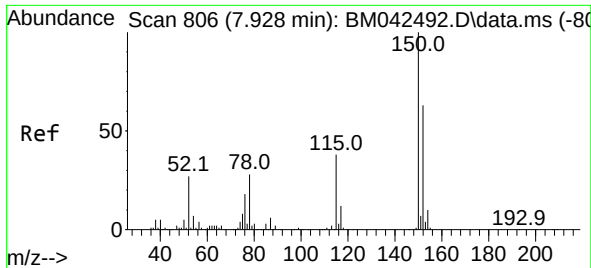
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
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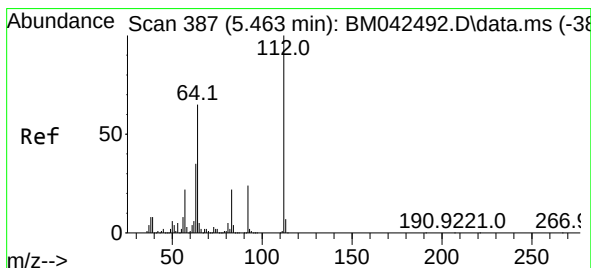
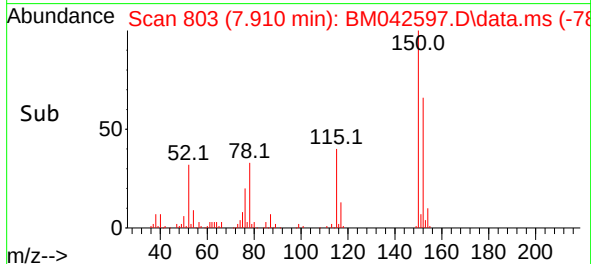
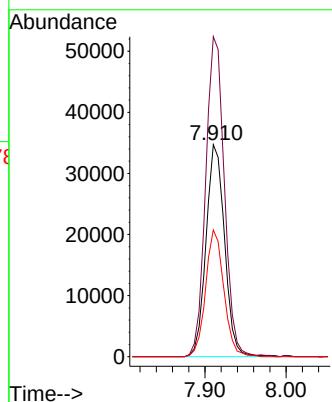
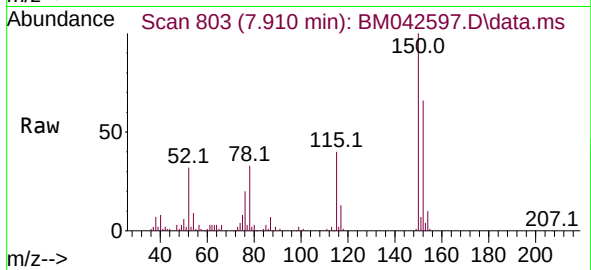




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

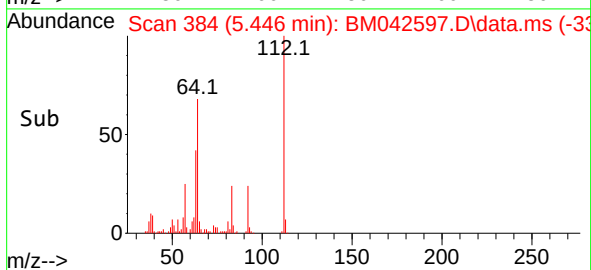
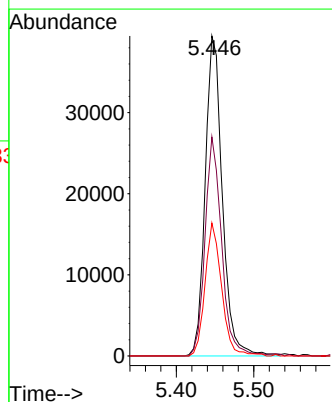
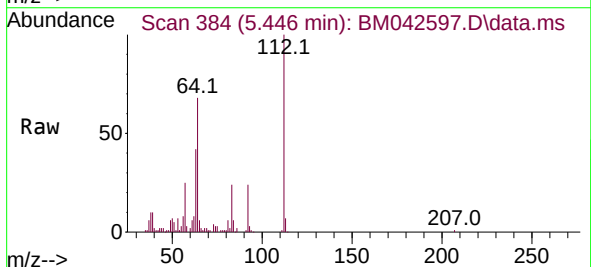
Instrument :
BNA_M
ClientSampleId :
HR-1-110223

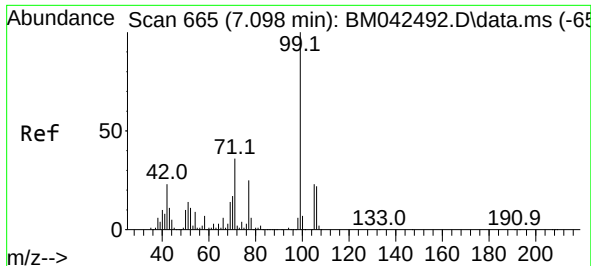
Tgt Ion:152 Resp: 55138
Ion Ratio Lower Upper
152 100
150 151.0 127.4 191.0
115 59.8 47.9 71.9



#5
2-Fluorophenol
Concen: 17.757 ng
RT: 5.446 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

Tgt Ion:112 Resp: 60666
Ion Ratio Lower Upper
112 100
64 68.4 52.1 78.1
63 41.5 28.3 42.5

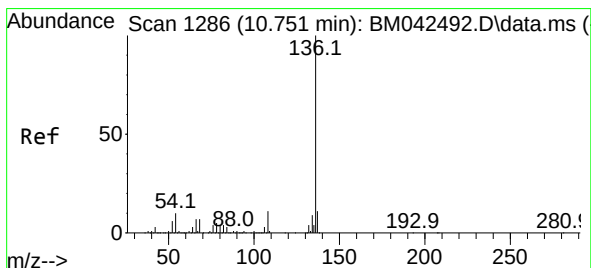
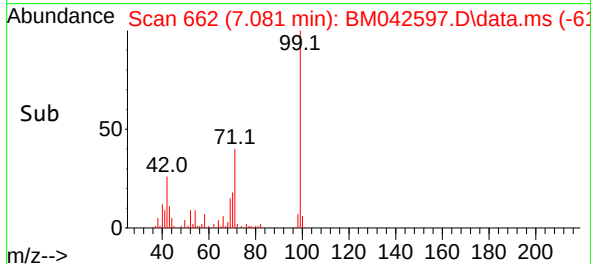
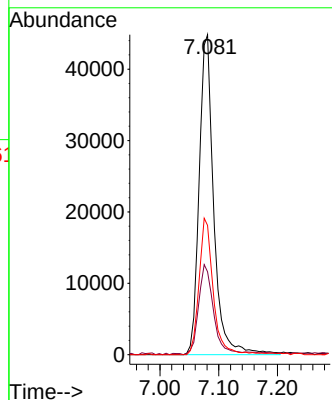
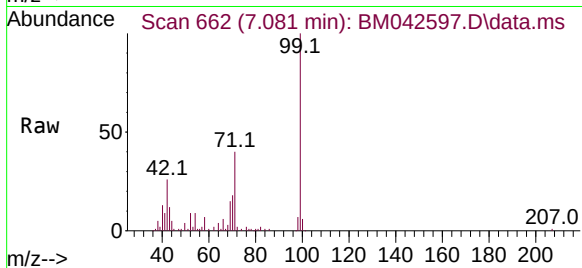




#7
Phenol-d6
Concen: 16.485 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

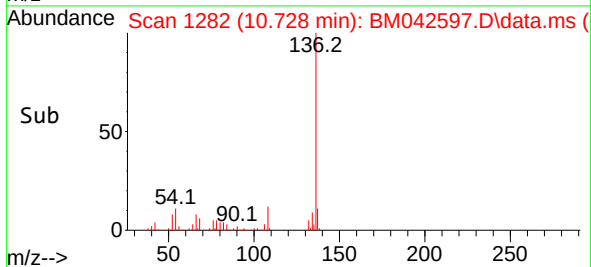
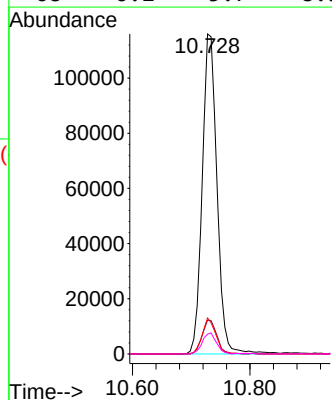
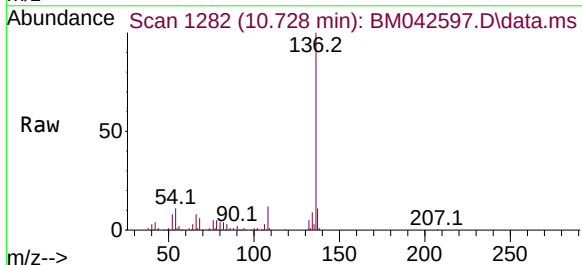
Instrument :
BNA_M
ClientSampleId :
HR-1-110223

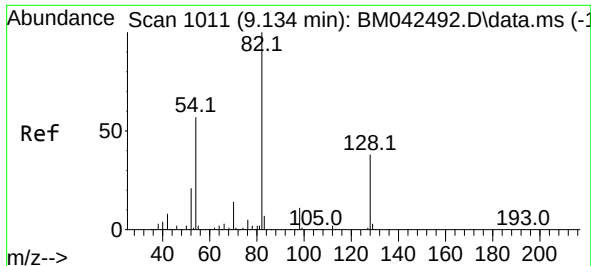
Tgt Ion: 99 Resp: 77241
Ion Ratio Lower Upper
99 100
42 25.9 18.7 28.1
71 40.4 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

Tgt Ion: 136 Resp: 202154
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 11.3 8.0 12.0
68 6.2 5.7 8.5

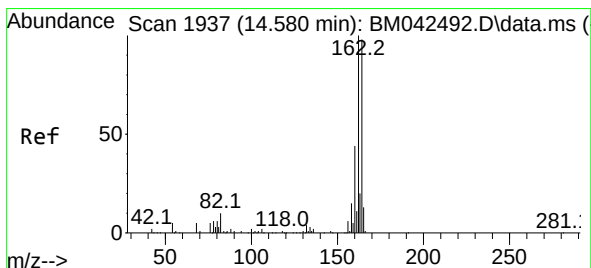
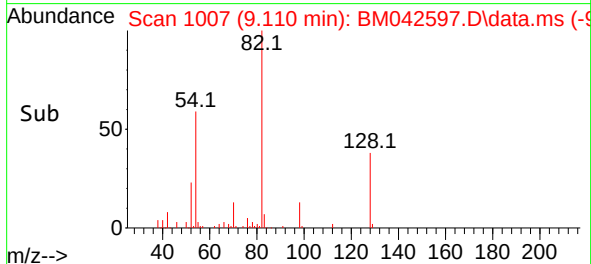
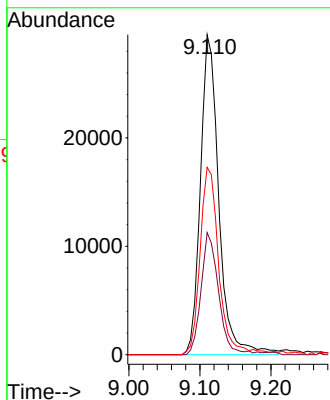
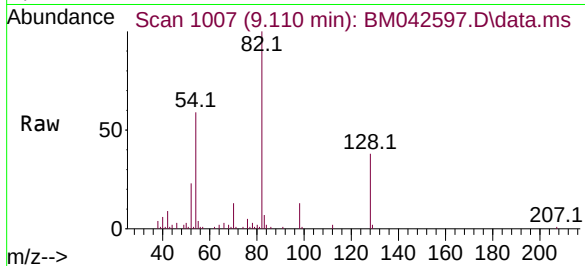




#23
Nitrobenzene-d5
Concen: 12.273 ng
RT: 9.110 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

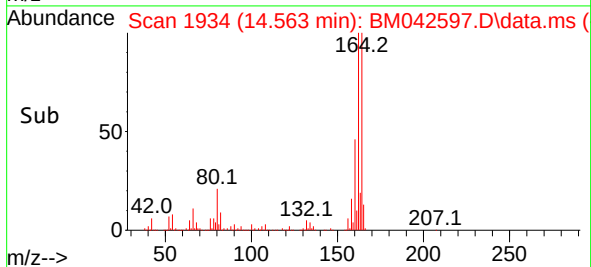
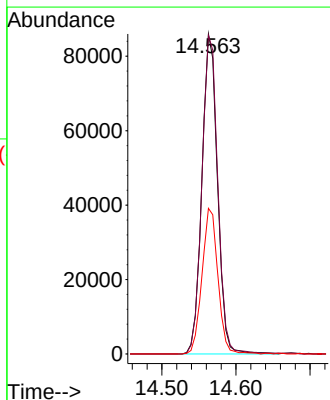
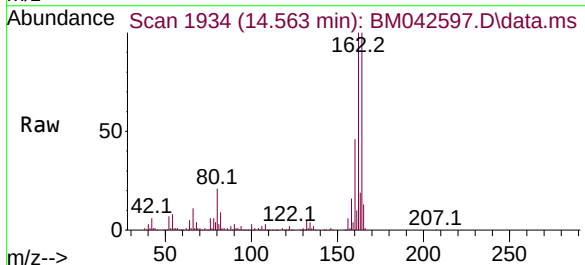
Instrument :
BNA_M
ClientSampleId :
HR-1-110223

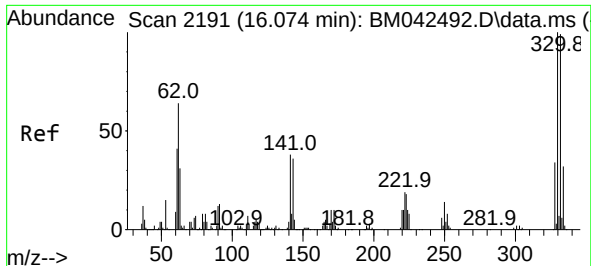
Tgt Ion: 82 Resp: 53221
Ion Ratio Lower Upper
82 100
128 38.1 30.7 46.1
54 58.6 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

Tgt Ion: 164 Resp: 125508
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 19.952 ng

RT: 16.063 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042597.D

Acq: 04 Nov 2023 18:29

Instrument :

BNA_M

ClientSampleId :

HR-1-110223

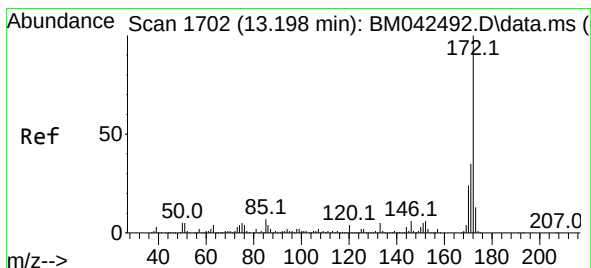
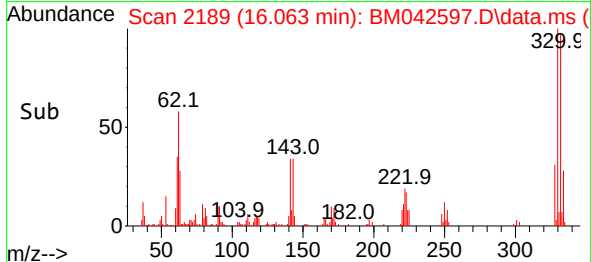
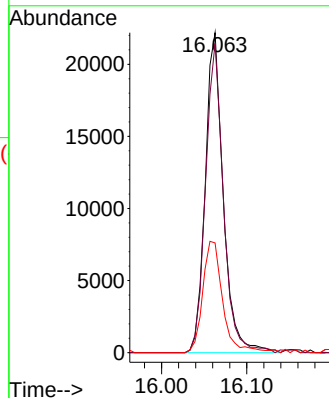
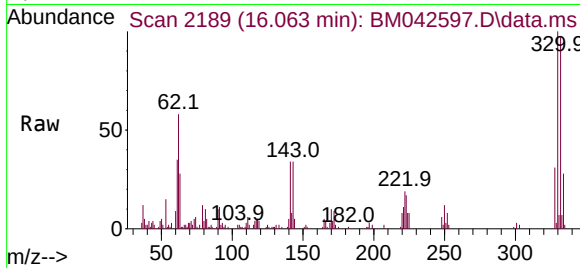
Tgt Ion:330 Resp: 32694

Ion Ratio Lower Upper

330 100

332 95.8 78.8 118.2

141 38.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 11.600 ng

RT: 13.186 min Scan# 1700

Delta R.T. -0.000 min

Lab File: BM042597.D

Acq: 04 Nov 2023 18:29

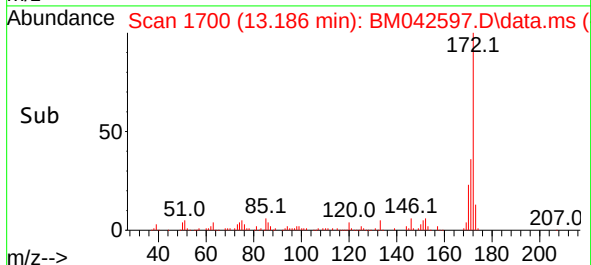
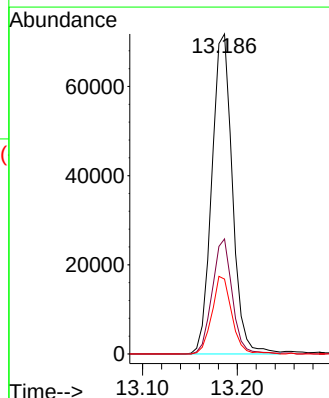
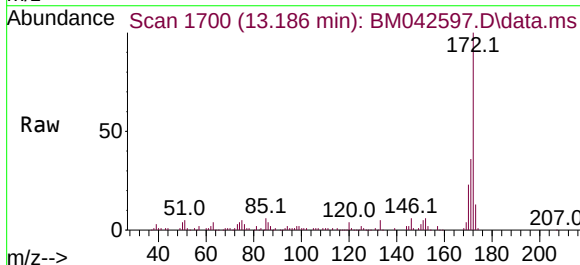
Tgt Ion:172 Resp: 108196

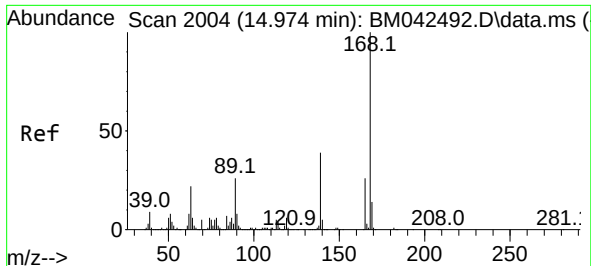
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.4 19.0 28.4





#57

2,4-Dinitrotoluene

Concen: 3.989 ng

RT: 15.175 min Scan# 20

Delta R.T. 0.212 min

Lab File: BM042597.D

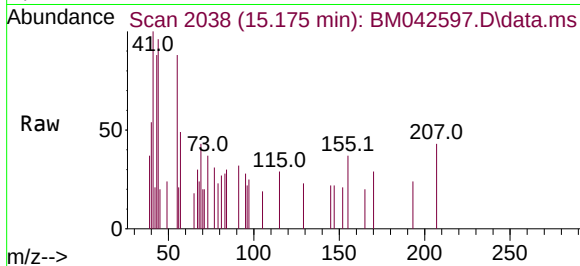
Acq: 04 Nov 2023 18:29

Instrument :

BNA_M

ClientSampleId :

HR-1-110223



Tgt Ion:165 Resp: 57

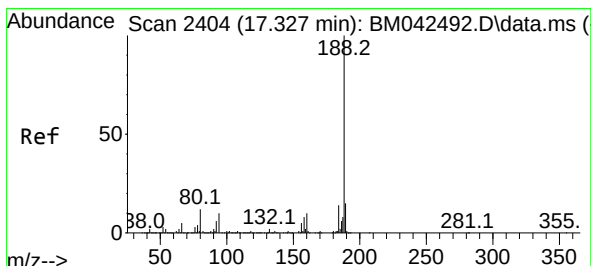
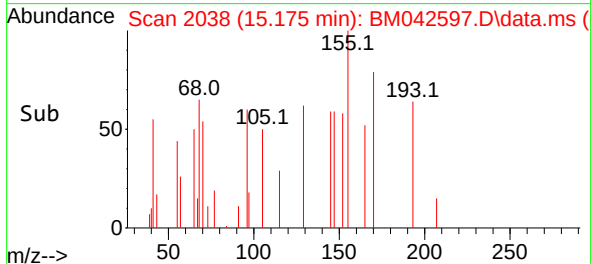
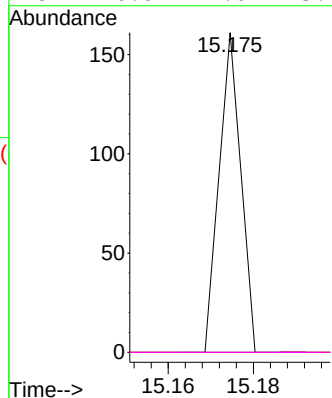
Ion Ratio Lower Upper

165 100

63 0.0 66.7 100.1#

89 0.0 80.2 120.4#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM042597.D

Acq: 04 Nov 2023 18:29

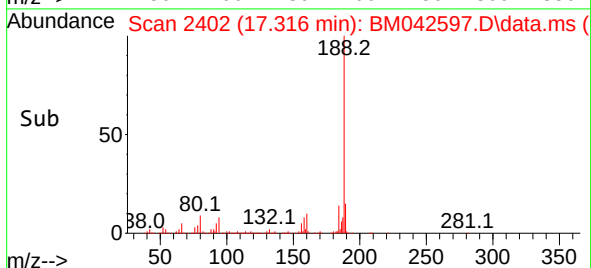
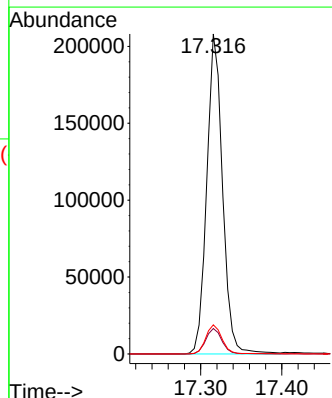
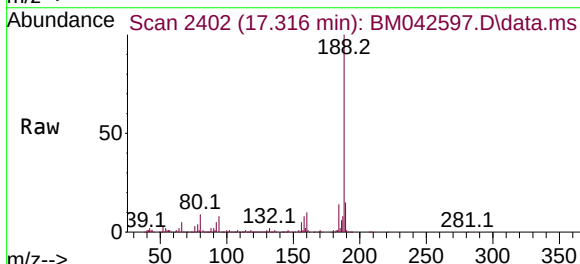
Tgt Ion:188 Resp: 280573

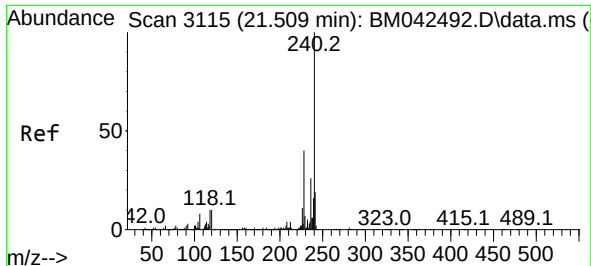
Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.4#

80 9.1 9.4 14.2#

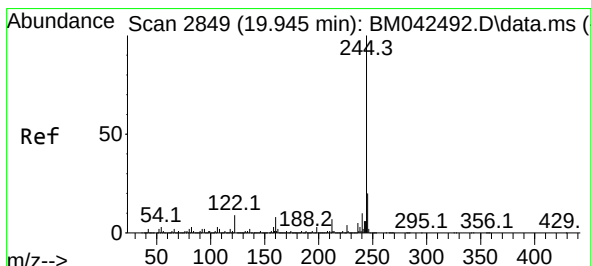
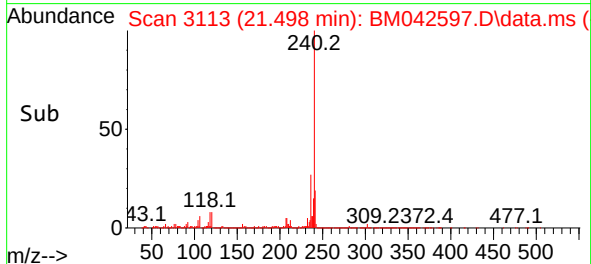
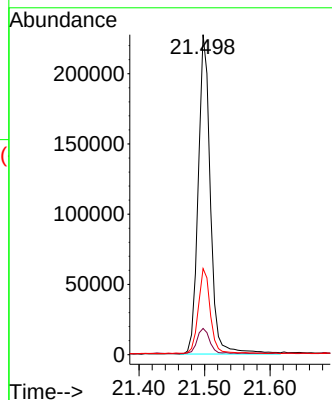
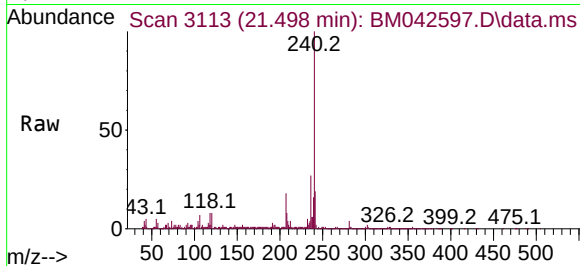




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

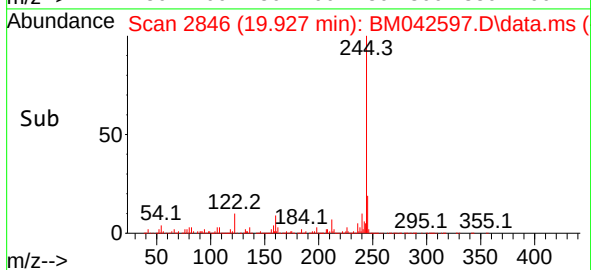
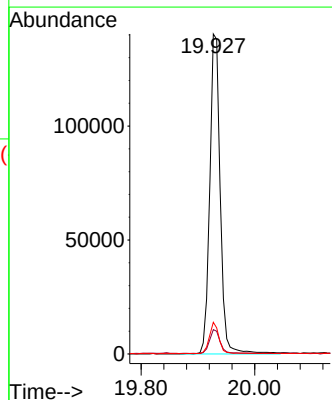
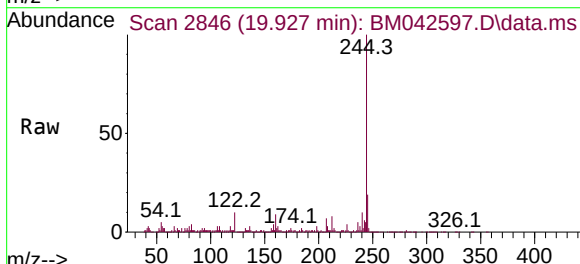
Instrument :
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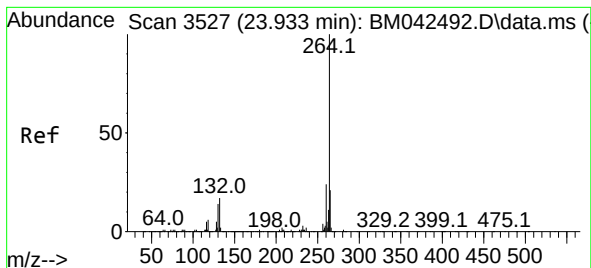
Tgt Ion:240 Resp: 294834
Ion Ratio Lower Upper
240 100
120 8.2 8.3 12.5#
236 26.9 20.8 31.2



#79
Terphenyl-d14
Concen: 10.281 ng
RT: 19.927 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM042597.D
Acq: 04 Nov 2023 18:29

Tgt Ion:244 Resp: 178761
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 9.9 7.2 10.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM042597.D

Acq: 04 Nov 2023 18:29

Instrument :

BNA_M

ClientSampleId :

HR-1-110223

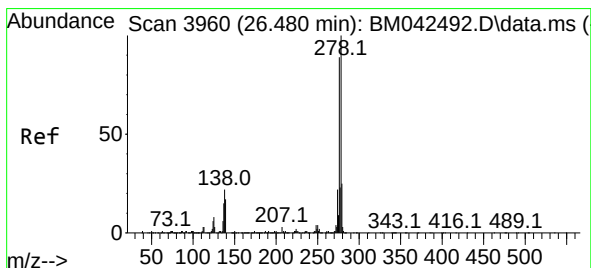
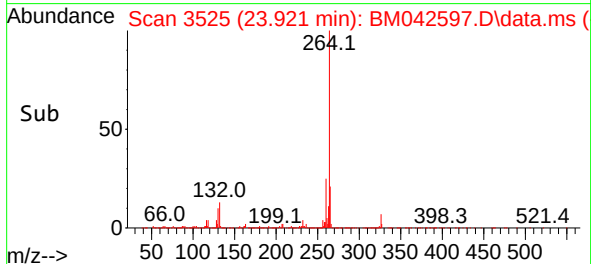
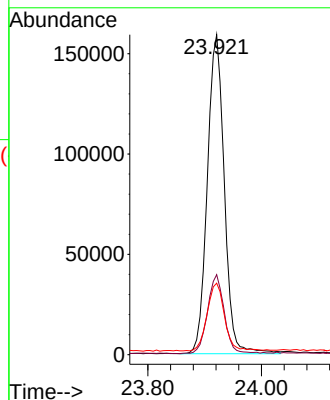
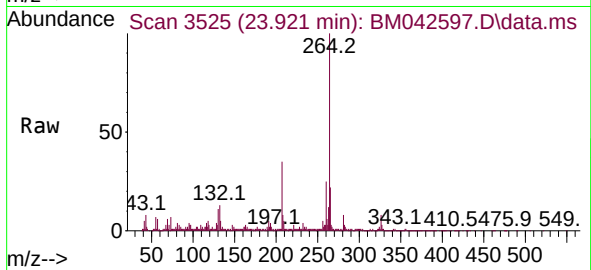
Tgt Ion:264 Resp: 328960

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.4

265 22.3 18.7 28.1



#91

Dibenzo(a,h)anthracene

Concen: 4.161 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM042597.D

Acq: 04 Nov 2023 18:29

Tgt Ion:278 Resp: 452

Ion Ratio Lower Upper

278 100

139 103.1 13.4 20.2#

279 112.1 19.7 29.5#

