

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042536.D
 Acq On : 01 Nov 2023 12:55
 Operator : MA/JU
 Sample : PB156318TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156318TB

Quant Time: Nov 01 23:41:30 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)

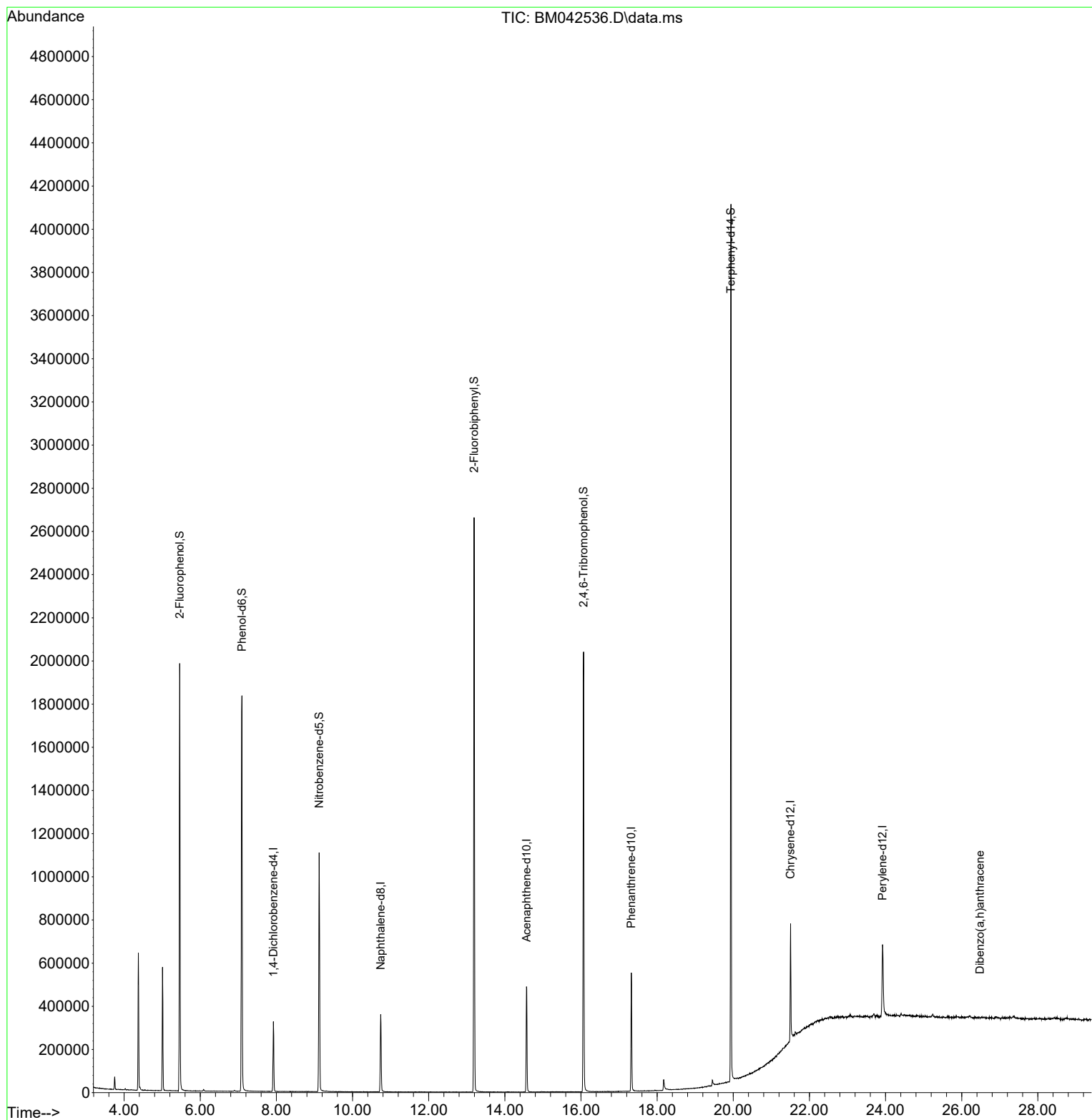
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	74666	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	266142	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	160491	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	320632	20.000	ng	0.00
76) Chrysene-d12	21.503	240	265829	20.000	ng	0.00
86) Perylene-d12	23.921	264	254394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	701535	151.634	ng	0.00
7) Phenol-d6	7.093	99	872622	137.528	ng	0.00
23) Nitrobenzene-d5	9.122	82	586961	102.810	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	330742	157.846	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1205505	101.073	ng	0.00
79) Terphenyl-d14	19.939	244	1726169	110.105	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.480	278	56	4.142	ng	Qvalue # 1

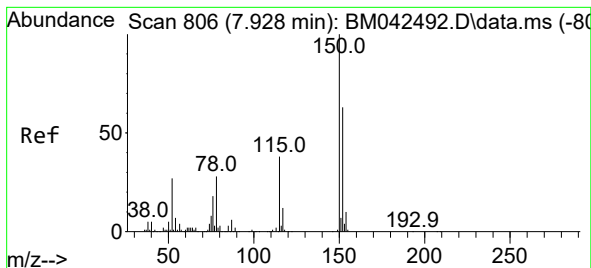
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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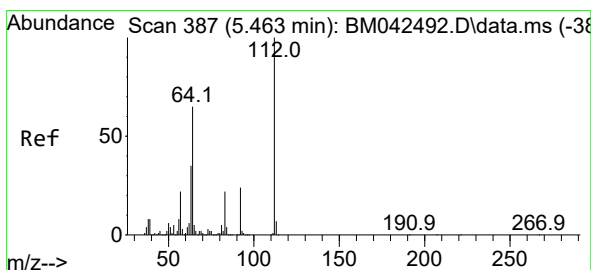
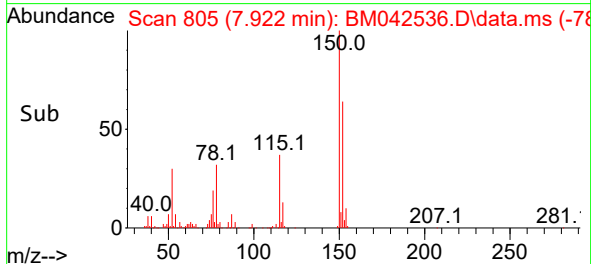
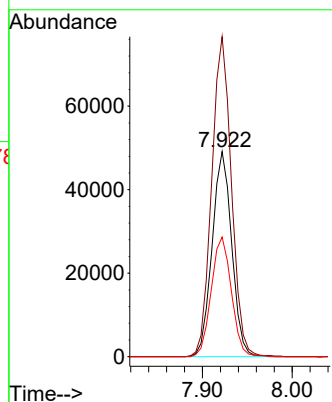
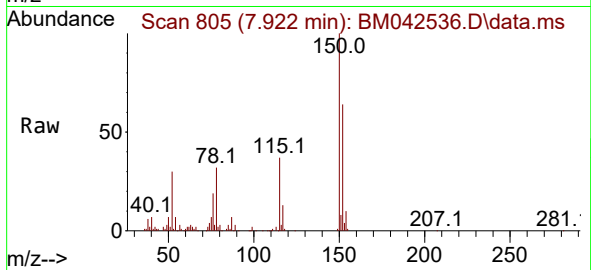




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042536.D
Acq: 01 Nov 2023 12:55

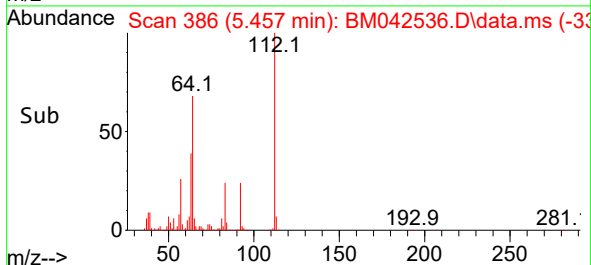
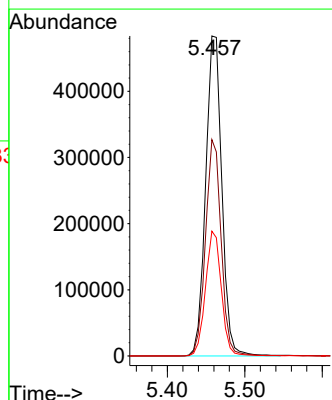
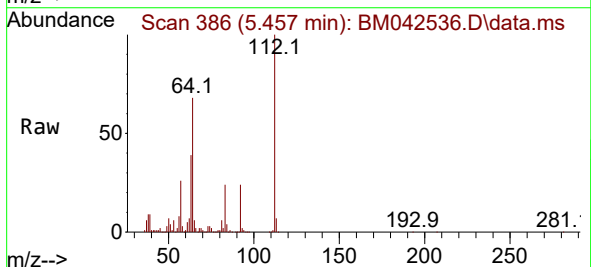
Instrument :
BNA_M
ClientSampleId :
PB156318TB

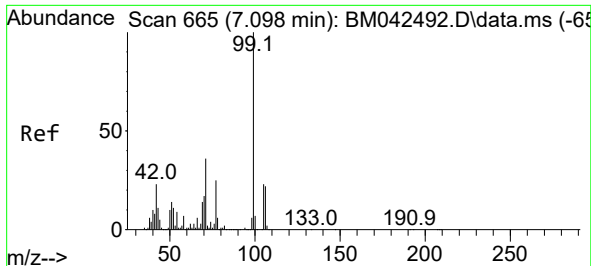
Tgt Ion:152 Resp: 74666
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 58.4 47.9 71.9



#5
2-Fluorophenol
Concen: 151.634 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042536.D
Acq: 01 Nov 2023 12:55

Tgt Ion:112 Resp: 701535
Ion Ratio Lower Upper
112 100
64 67.6 52.1 78.1
63 39.0 28.3 42.5

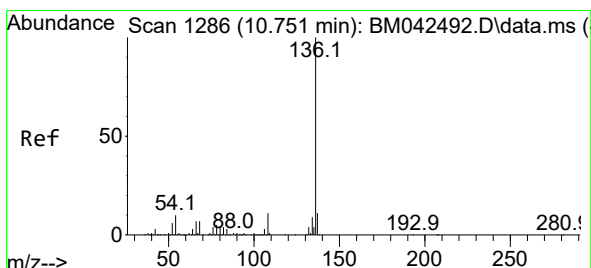
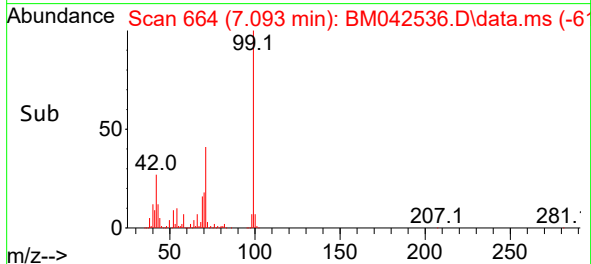
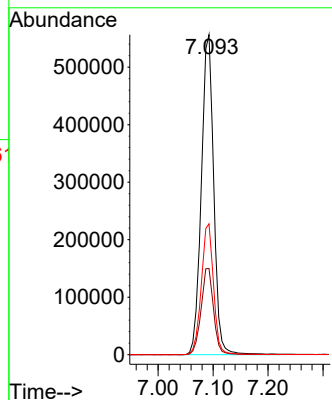
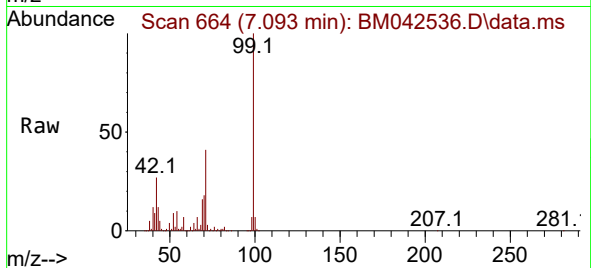




#7
Phenol-d6
Concen: 137.528 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042536.D
Acq: 01 Nov 2023 12:55

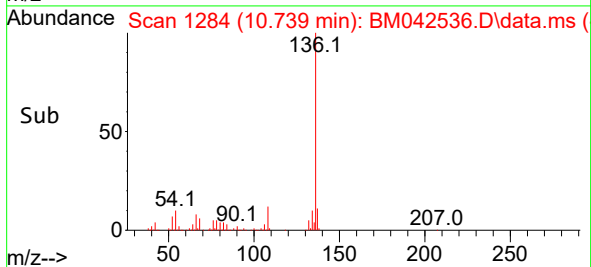
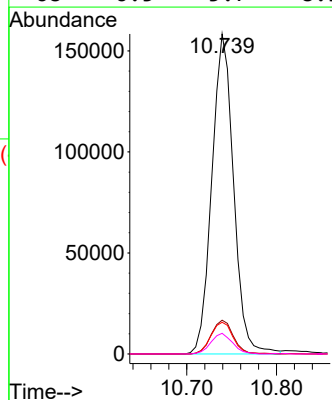
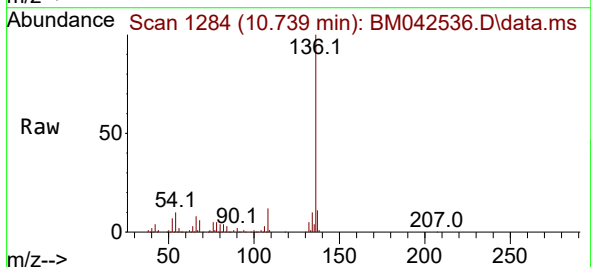
Instrument :
BNA_M
ClientSampleId :
PB156318TB

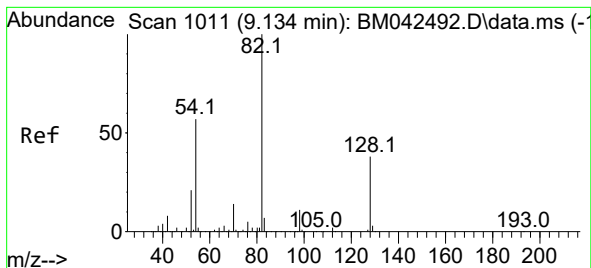
Tgt Ion: 99 Resp: 872622
Ion Ratio Lower Upper
99 100
42 27.0 18.7 28.1
71 40.9 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042536.D
Acq: 01 Nov 2023 12:55

Tgt Ion: 136 Resp: 266142
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.9 8.0 12.0
68 6.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 102.810 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042536.D

Acq: 01 Nov 2023 12:55

Instrument :

BNA_M

ClientSampleId :

PB156318TB

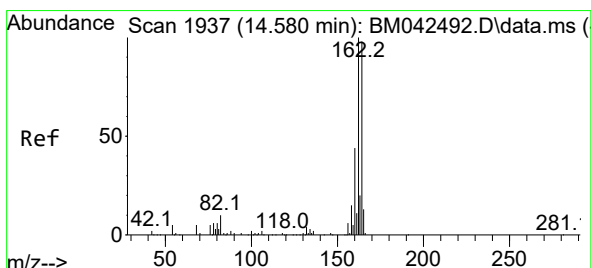
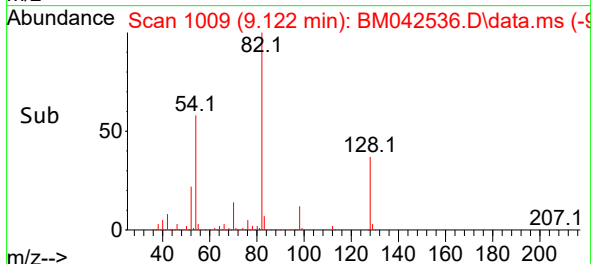
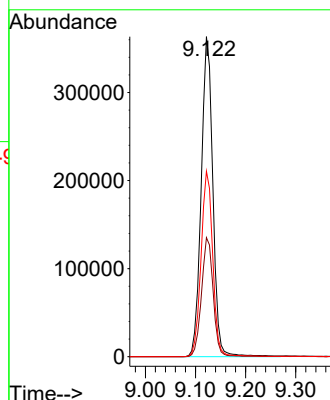
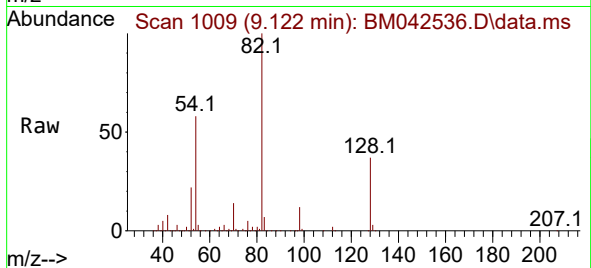
Tgt Ion: 82 Resp: 586961

Ion Ratio Lower Upper

82 100

128 37.2 30.7 46.1

54 57.9 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BM042536.D

Acq: 01 Nov 2023 12:55

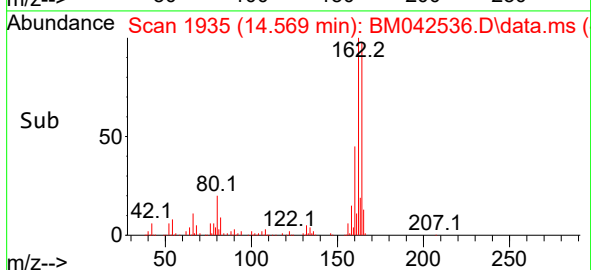
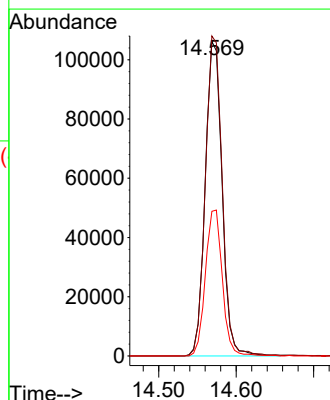
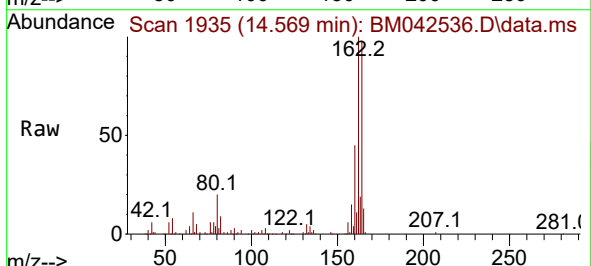
Tgt Ion:164 Resp: 160491

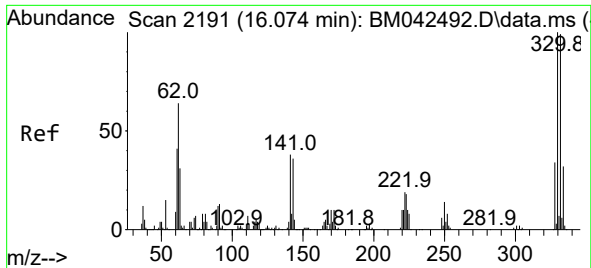
Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 46.0 36.2 54.4

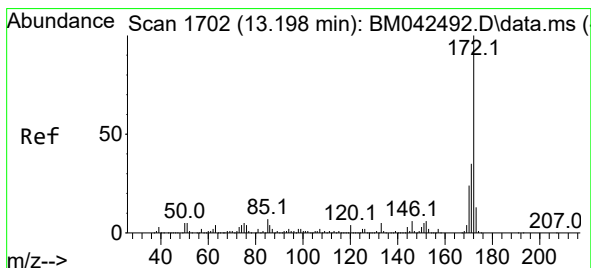
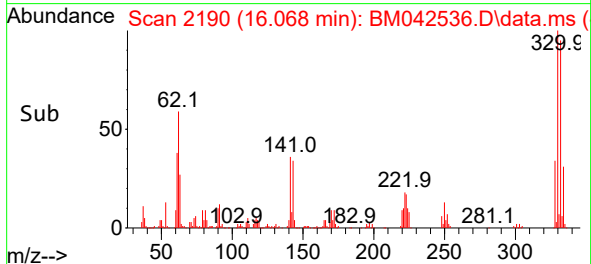
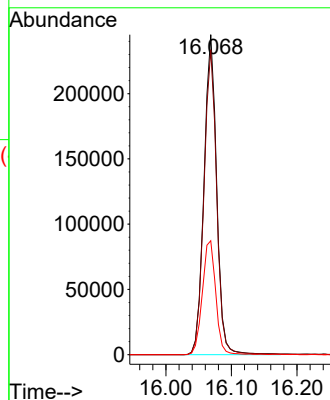
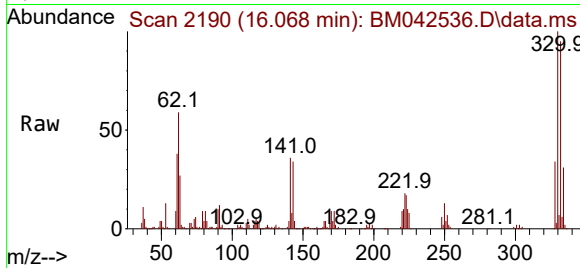




#42
2,4,6-Tribromophenol
Concen: 157.846 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042536.D
Acq: 01 Nov 2023 12:55

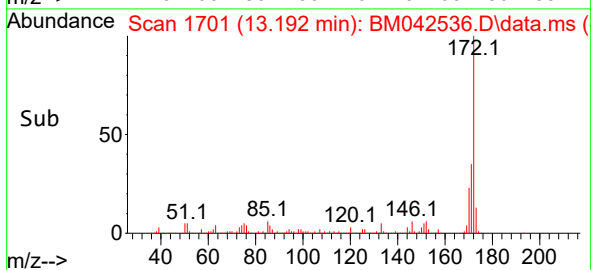
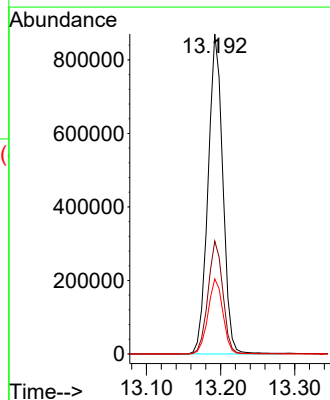
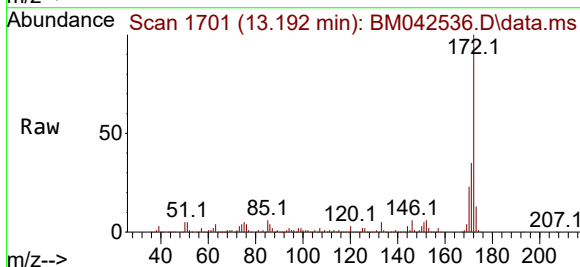
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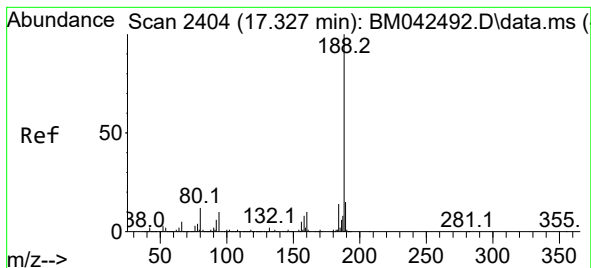
Tgt Ion:330 Resp: 330742
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 37.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 101.073 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042536.D
Acq: 01 Nov 2023 12:55

Tgt Ion:172 Resp: 1205505
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042536.D

Acq: 01 Nov 2023 12:55

Instrument :

BNA_M

ClientSampleId :

PB156318TB

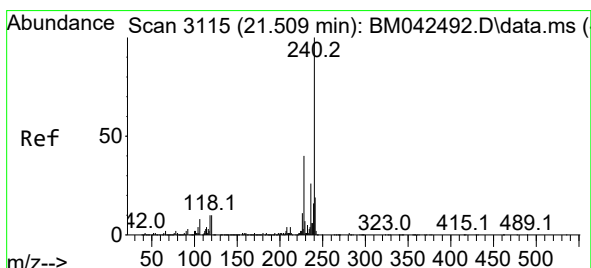
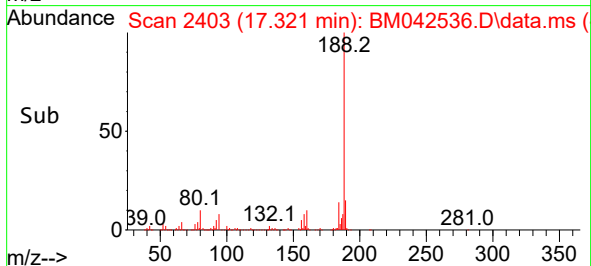
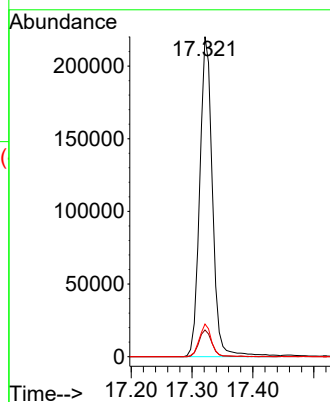
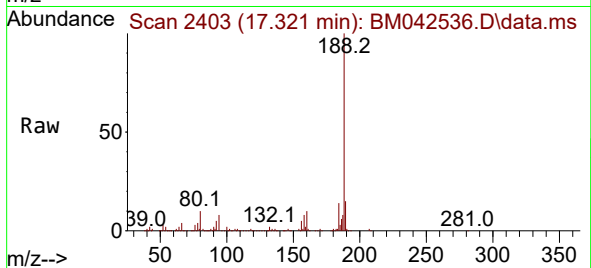
Tgt Ion:188 Resp: 320632

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

80 10.2 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042536.D

Acq: 01 Nov 2023 12:55

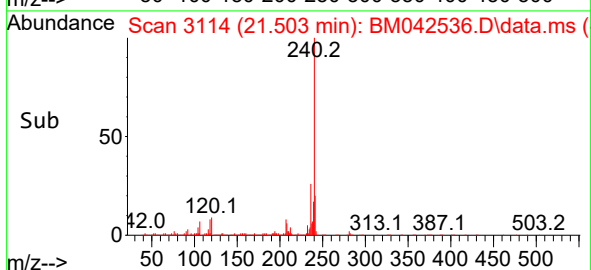
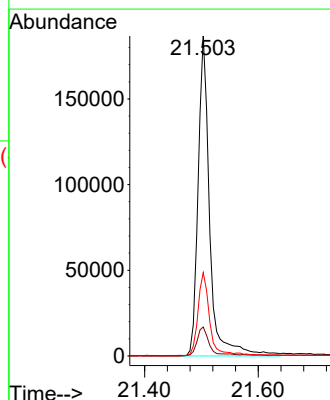
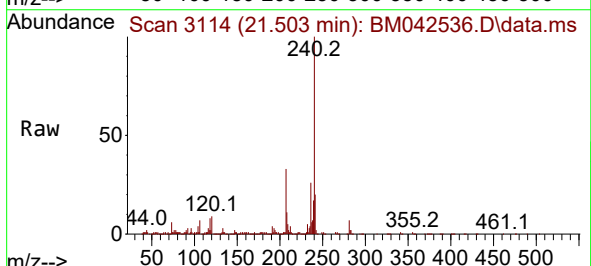
Tgt Ion:240 Resp: 265829

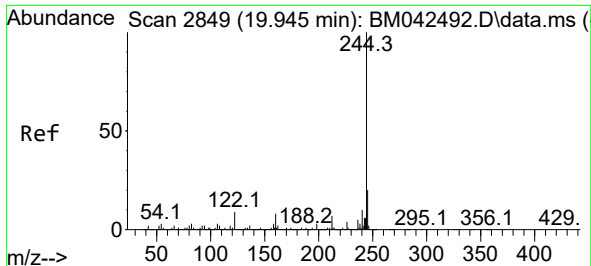
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.1 20.8 31.2

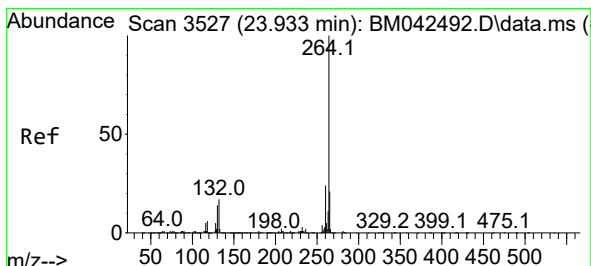
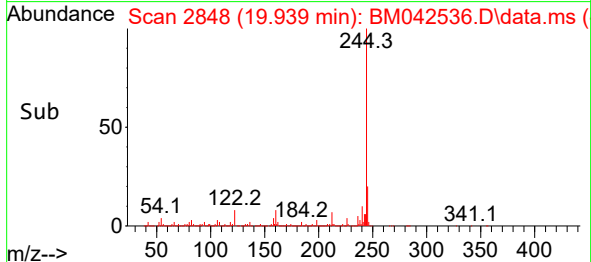
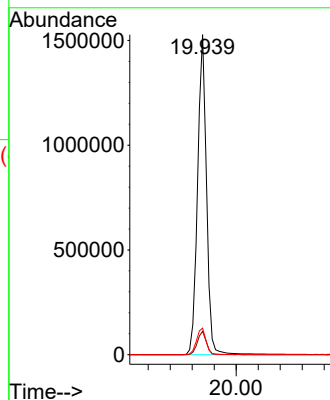
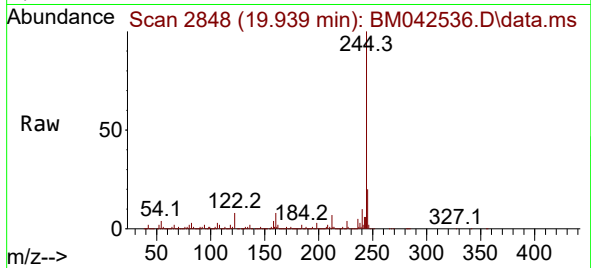




#79
 Terphenyl-d14
 Concen: 110.105 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042536.D
 Acq: 01 Nov 2023 12:55

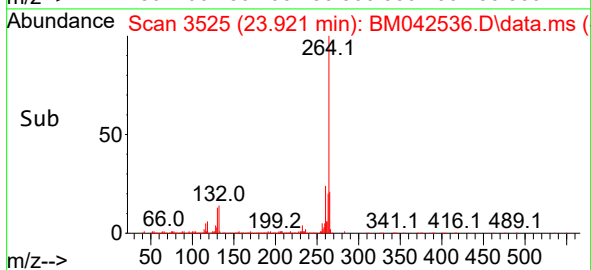
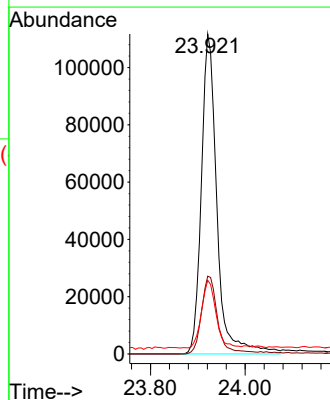
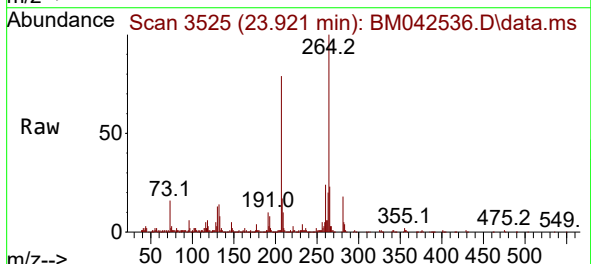
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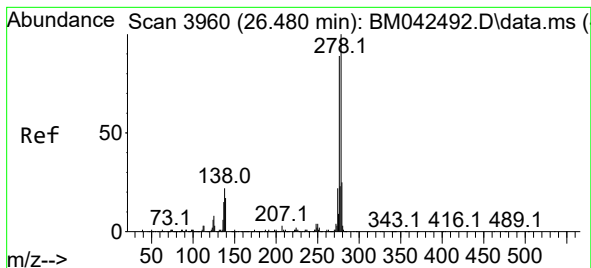
Tgt Ion:244 Resp: 1726169
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.3 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM042536.D
 Acq: 01 Nov 2023 12:55

Tgt Ion:264 Resp: 254394
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 23.0 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.142 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BM042536.D

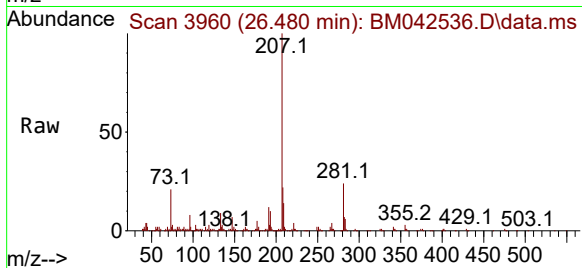
Acq: 01 Nov 2023 12:55

Instrument :

BNA_M

ClientSampleId :

PB156318TB



Tgt Ion:278 Resp: 56

Ion Ratio Lower Upper

278 100

139 127.5 13.4 20.2#

279 135.0 19.7 29.5#

