

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042689.D
 Acq On : 10 Nov 2023 13:46
 Operator : MA/JU
 Sample : 05295-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Nov 10 14:29:27 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	7.845	152	36774	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	140638	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	102302	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	243029	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	265780	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	290266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	367778	161.405	ng	0.00
7) Phenol-d6	7.016	99	447769	143.285	ng	0.00
23) Nitrobenzene-d5	9.051	82	386457	128.097	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	324696	243.101	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	900107	118.393	ng	0.00
79) Terphenyl-d14	19.874	244	2214566	141.284	ng	0.00

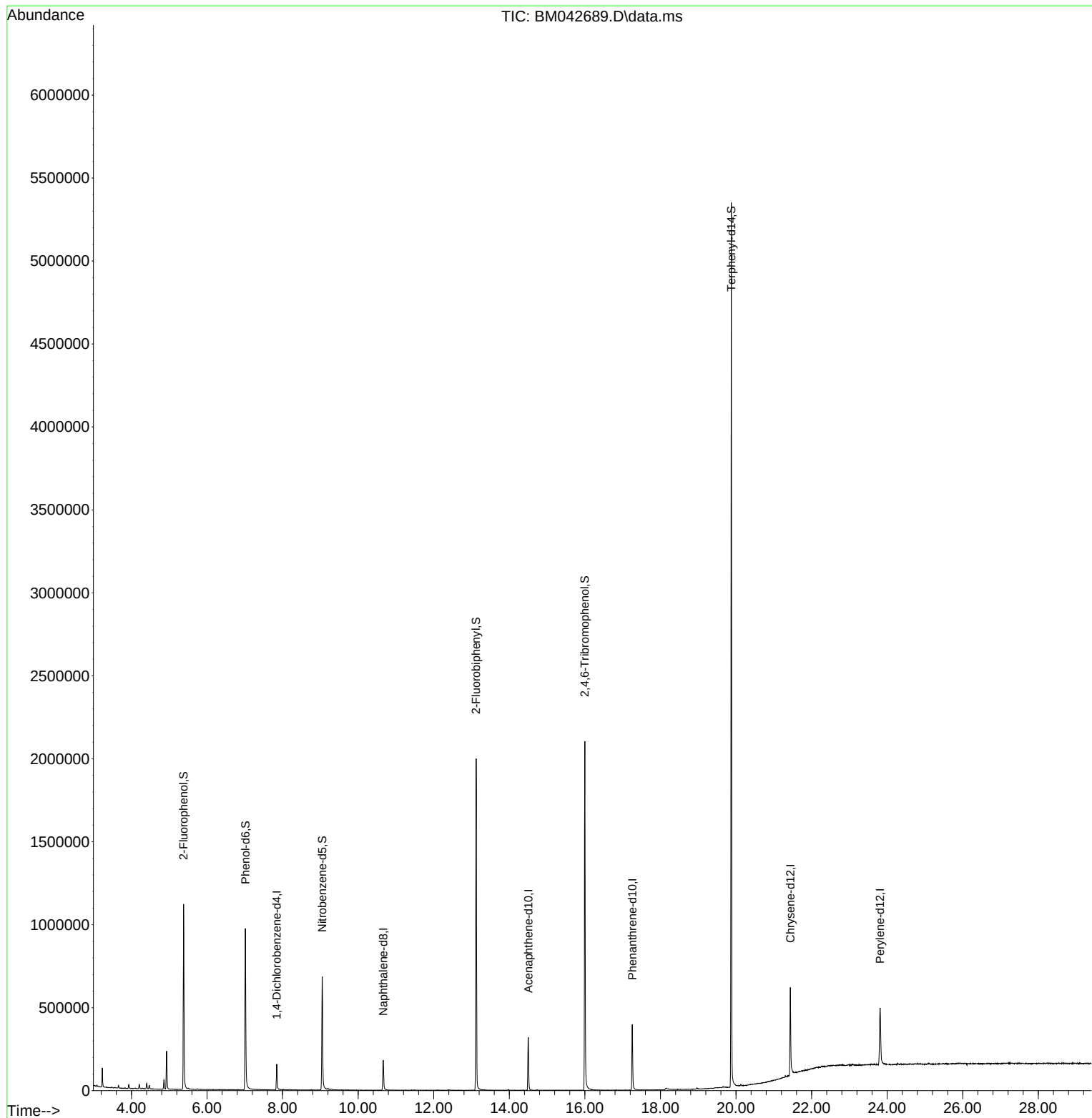
Target Compounds Qvalue

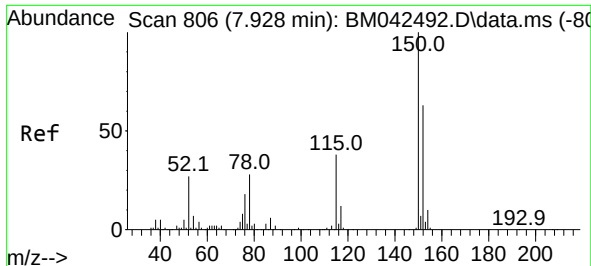
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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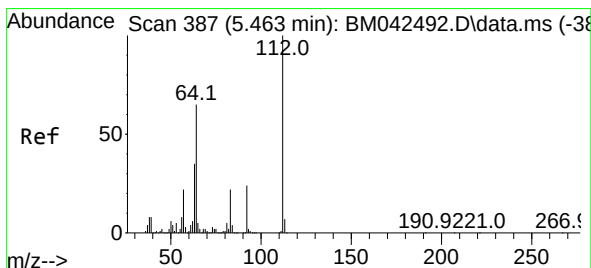
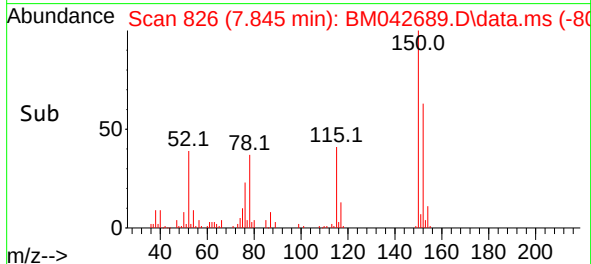
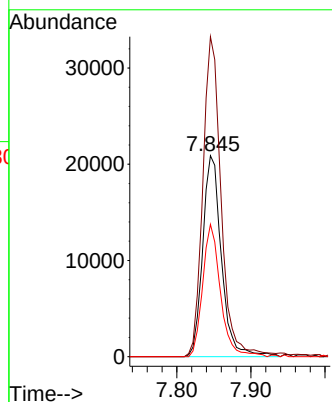
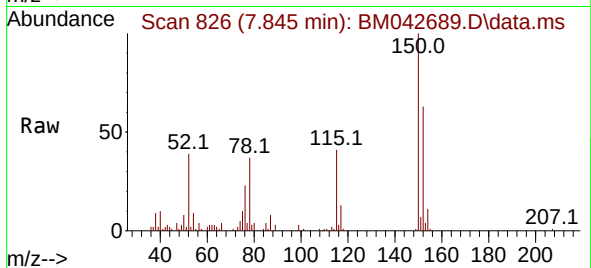




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042689.D
Acq: 10 Nov 2023 13:46

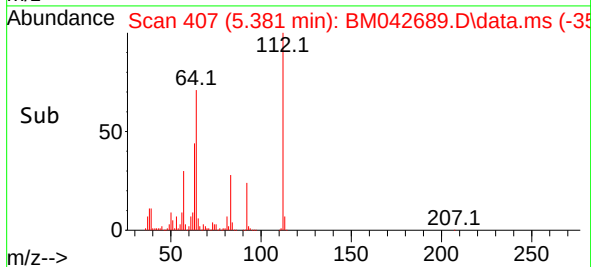
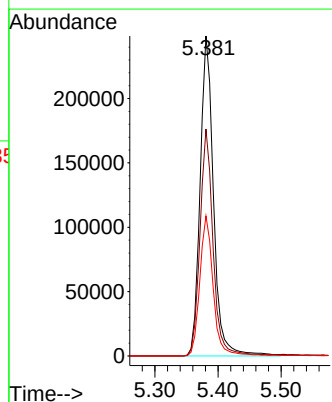
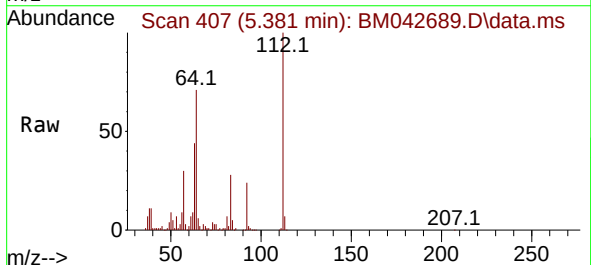
Instrument :
BNA_M
ClientSampleId :
TP-2

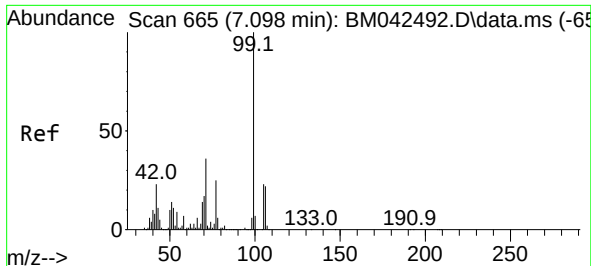
Tgt Ion:152 Resp: 36774
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 65.8 47.9 71.9



#5
2-Fluorophenol
Concen: 161.405 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042689.D
Acq: 10 Nov 2023 13:46

Tgt Ion:112 Resp: 367778
Ion Ratio Lower Upper
112 100
64 70.9 52.1 78.1
63 43.8 28.3 42.5#

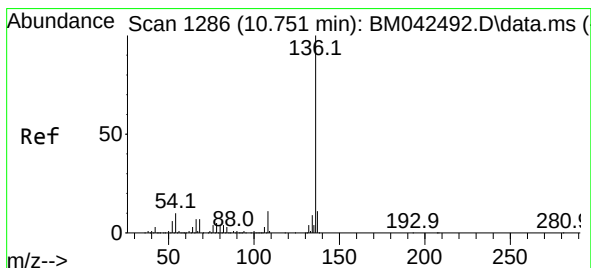
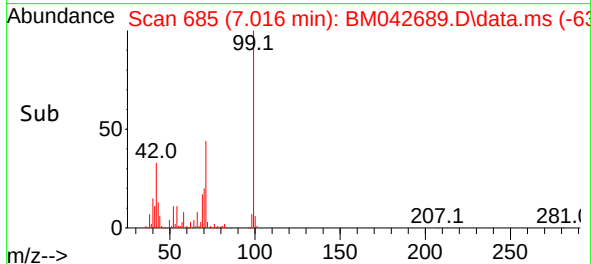
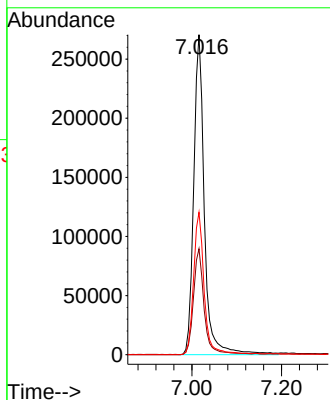
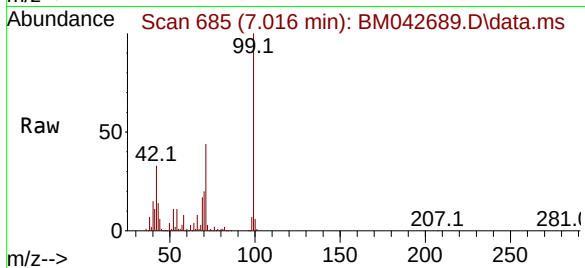




#7
Phenol-d6
Concen: 143.285 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042689.D
Acq: 10 Nov 2023 13:46

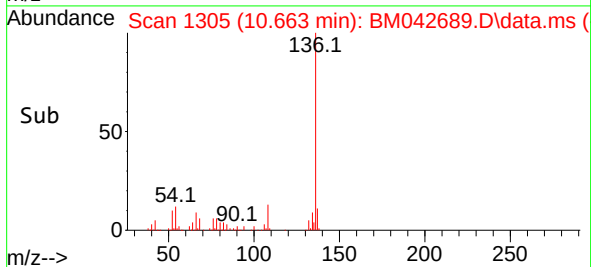
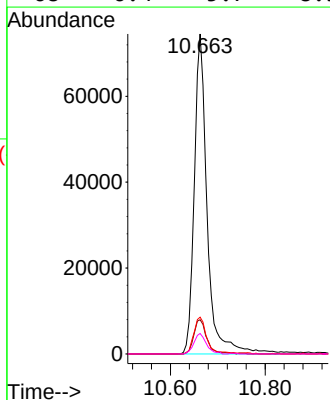
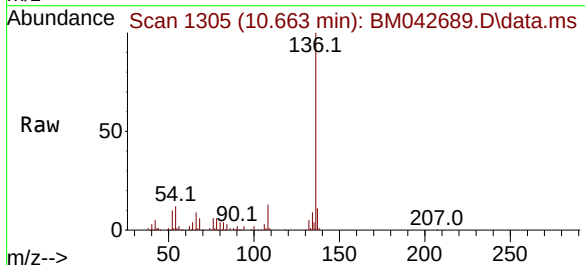
Instrument :
BNA_M
ClientSampleId :
TP-2

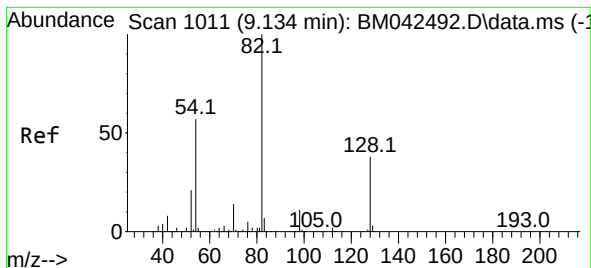
Tgt Ion: 99 Resp: 447769
Ion Ratio Lower Upper
99 100
42 33.1 18.7 28.1#
71 44.5 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042689.D
Acq: 10 Nov 2023 13:46

Tgt Ion:136 Resp: 140638
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 11.5 8.0 12.0
68 6.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 128.097 ng

RT: 9.051 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM042689.D

Acq: 10 Nov 2023 13:46

Instrument :

BNA_M

ClientSampleId :

TP-2

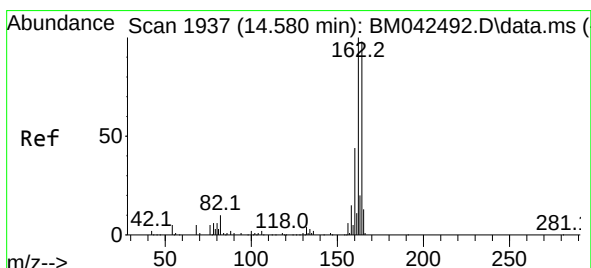
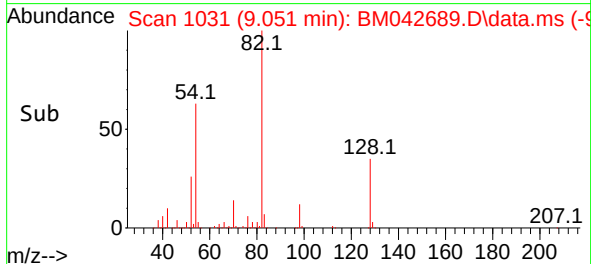
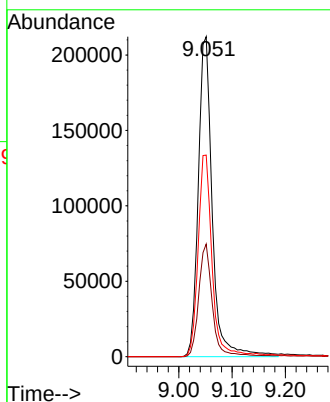
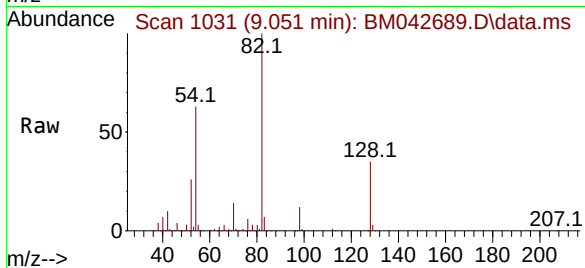
Tgt Ion: 82 Resp: 386457

Ion Ratio Lower Upper

82 100

128 35.2 30.7 46.1

54 63.0 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BM042689.D

Acq: 10 Nov 2023 13:46

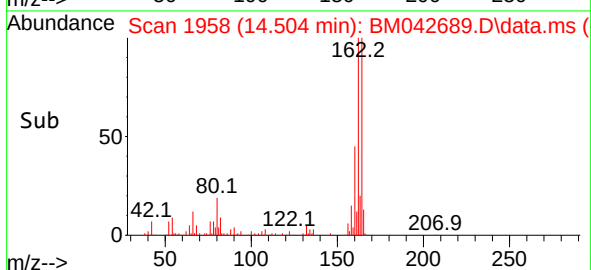
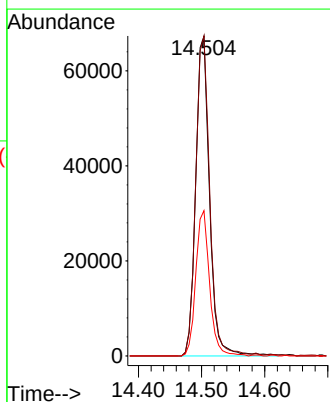
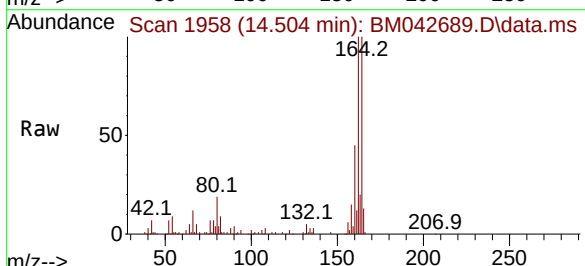
Tgt Ion: 164 Resp: 102302

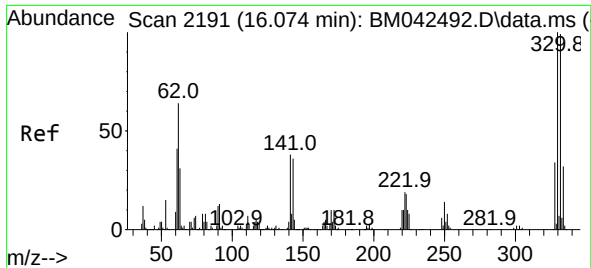
Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

160 45.5 36.2 54.4

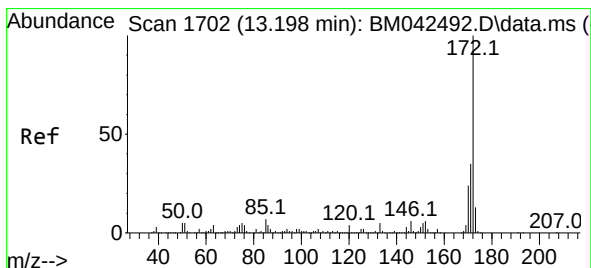
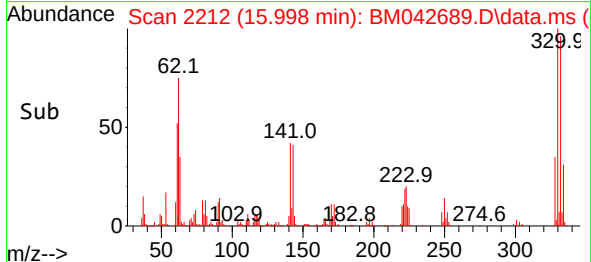
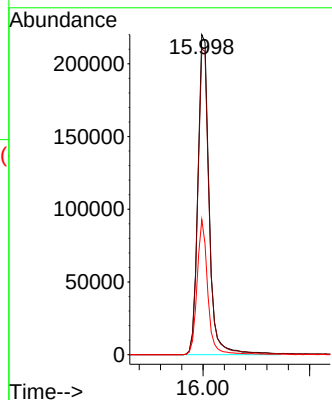
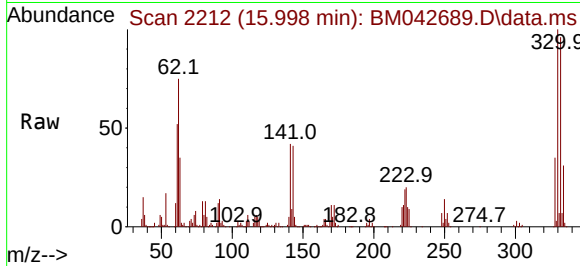




#42
 2,4,6-Tribromophenol
 Concen: 243.101 ng
 RT: 15.998 min Scan# 2191
 Delta R.T. -0.000 min
 Lab File: BM042689.D
 Acq: 10 Nov 2023 13:46

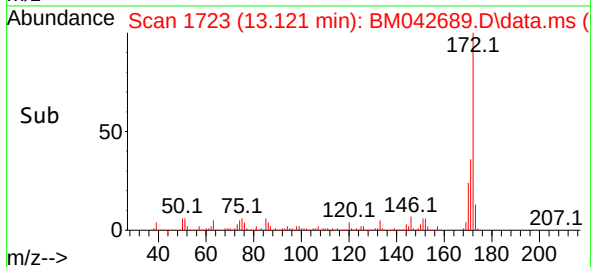
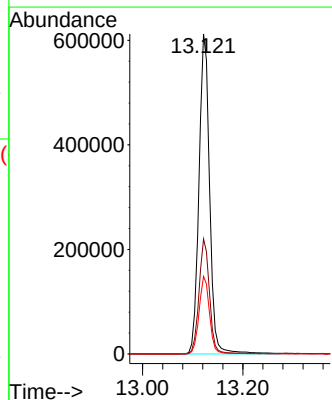
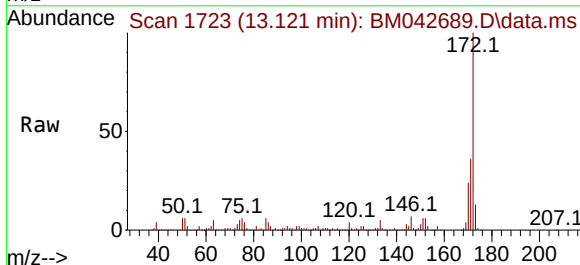
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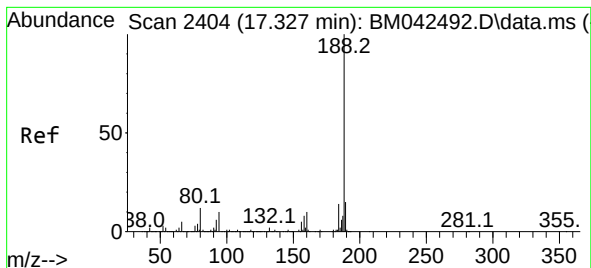
Tgt Ion:330 Resp: 324696
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.8 118.2
 141 39.5 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 118.393 ng
 RT: 13.121 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: BM042689.D
 Acq: 10 Nov 2023 13:46

Tgt Ion:172 Resp: 900107
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.256 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042689.D

Acq: 10 Nov 2023 13:46

Instrument :

BNA_M

ClientSampleId :

TP-2

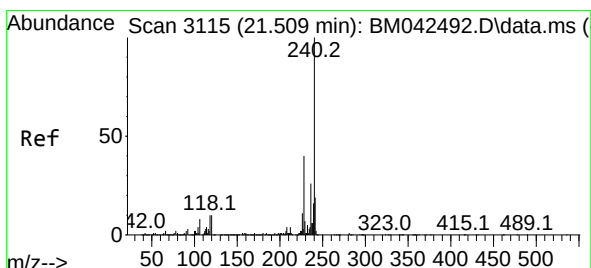
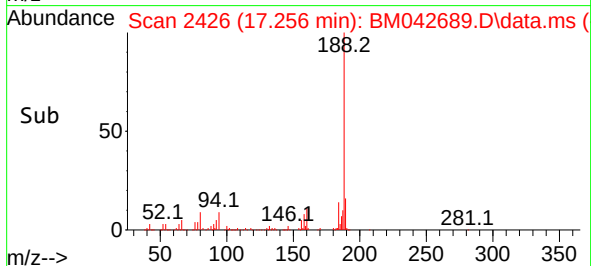
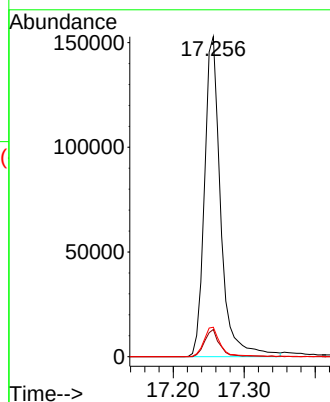
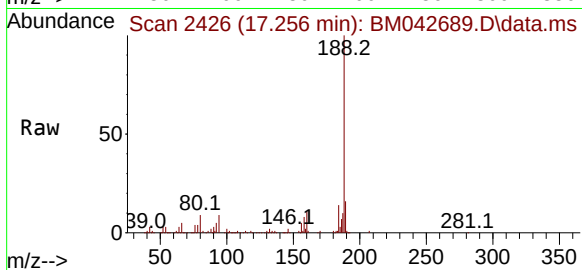
Tgt Ion:188 Resp: 243029

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.4

80 9.2 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: BM042689.D

Acq: 10 Nov 2023 13:46

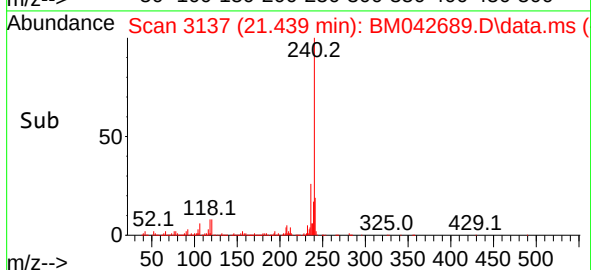
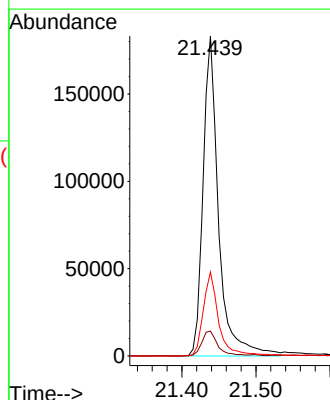
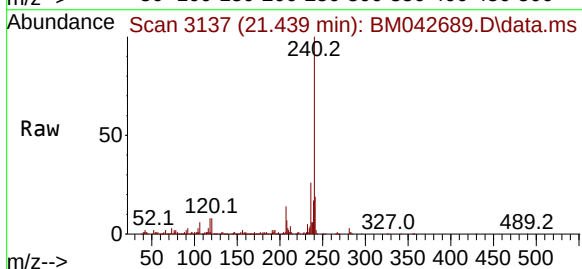
Tgt Ion:240 Resp: 265780

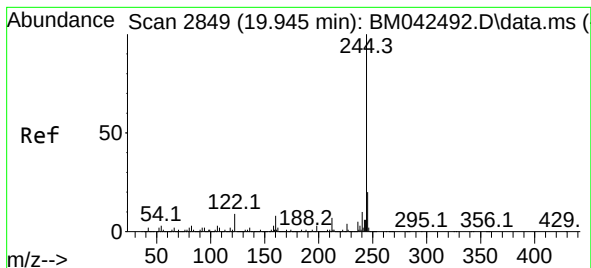
Ion Ratio Lower Upper

240 100

120 7.8 8.3 12.5#

236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 141.284 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042689.D

Acq: 10 Nov 2023 13:46

Instrument :

BNA_M

ClientSampleId :

TP-2

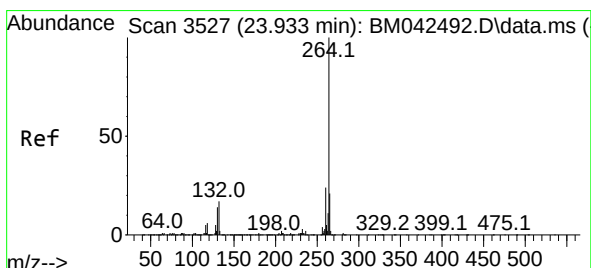
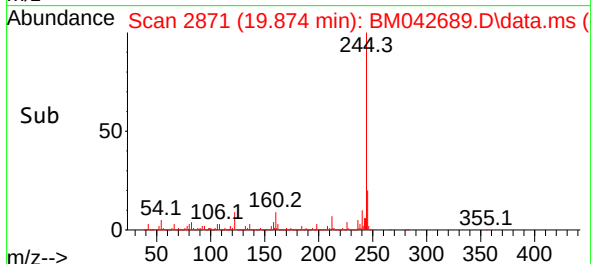
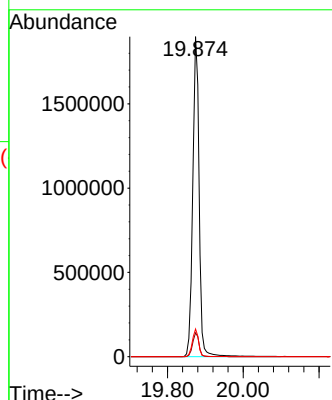
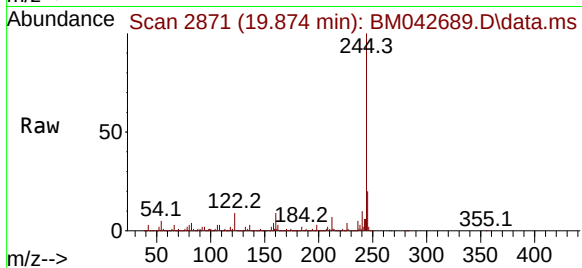
Tgt Ion:244 Resp: 2214566

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 8.7 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: BM042689.D

Acq: 10 Nov 2023 13:46

Tgt Ion:264 Resp: 290266

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.4 18.7 28.1

