

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042592.D
 Acq On : 04 Nov 2023 15:29
 Operator : MA/JU
 Sample : 05234-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-B

Quant Time: Nov 06 01:45:21 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	45619	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	170892	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	116429	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	300016	20.000	ng	0.00
76) Chrysene-d12	21.503	240	279199	20.000	ng	0.00
86) Perylene-d12	23.921	264	314206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	334247	118.248	ng	0.00
7) Phenol-d6	7.081	99	433249	111.758	ng	0.00
23) Nitrobenzene-d5	9.116	82	299719	81.758	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	234908	154.537	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	668184	77.224	ng	0.00
79) Terphenyl-d14	19.939	244	1376346	83.587	ng	0.00

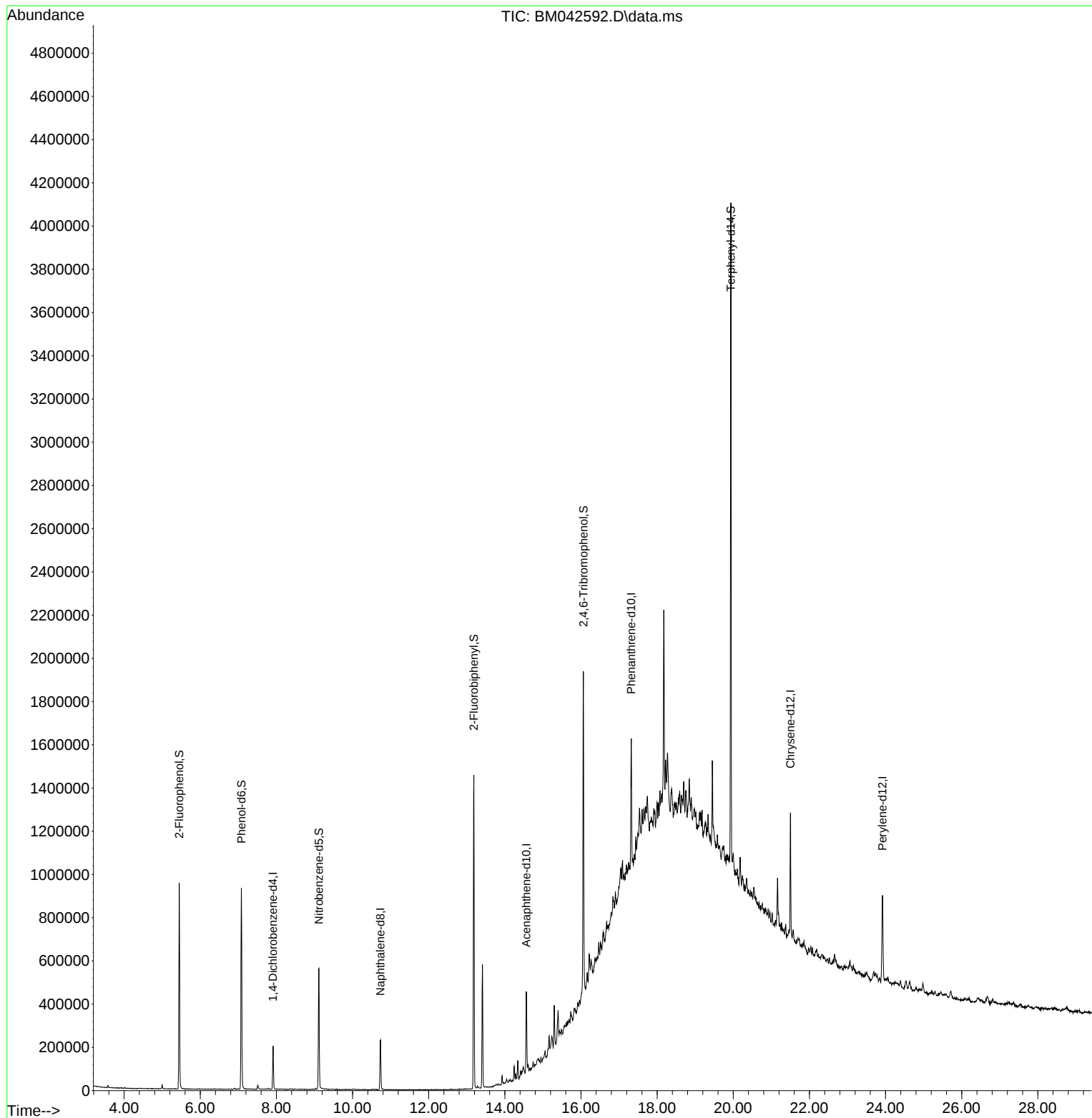
Target Compounds	Qvalue

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

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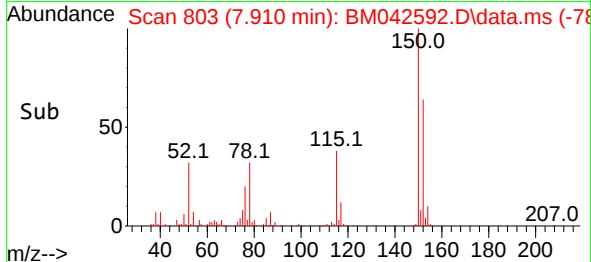
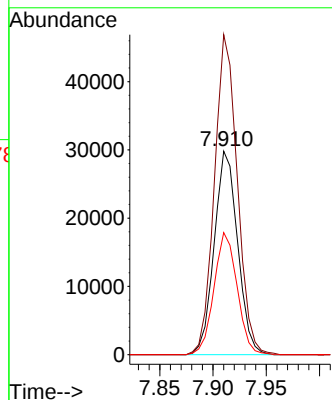
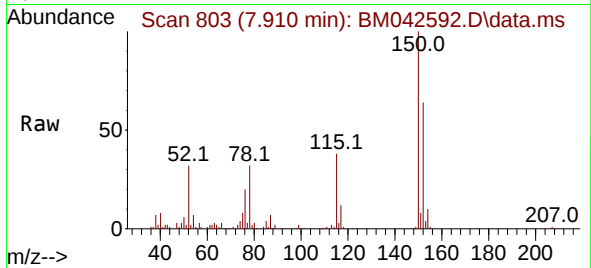




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042592.D
Acq: 04 Nov 2023 15:29

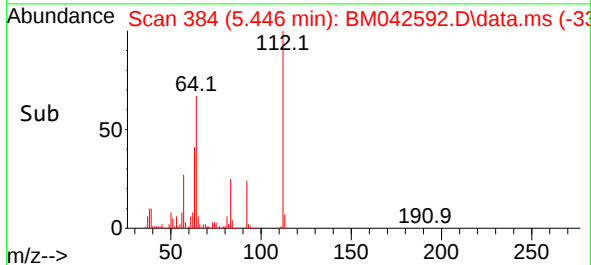
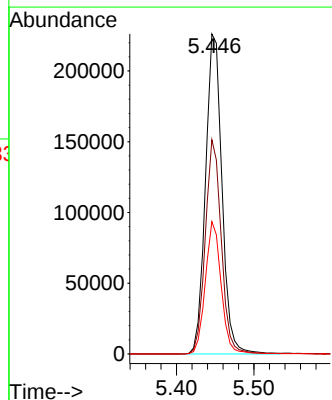
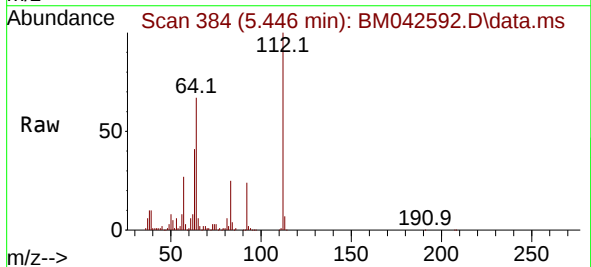
Instrument :
BNA_M
ClientSampleId :
SP-B

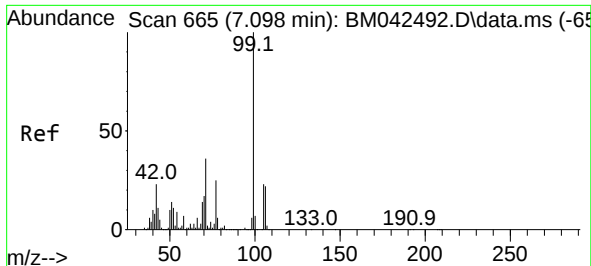
Tgt Ion:152 Resp: 45619
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.0
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 118.248 ng
RT: 5.446 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM042592.D
Acq: 04 Nov 2023 15:29

Tgt Ion:112 Resp: 334247
Ion Ratio Lower Upper
112 100
64 66.9 52.1 78.1
63 41.3 28.3 42.5

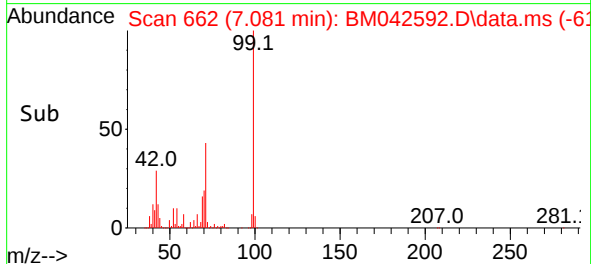
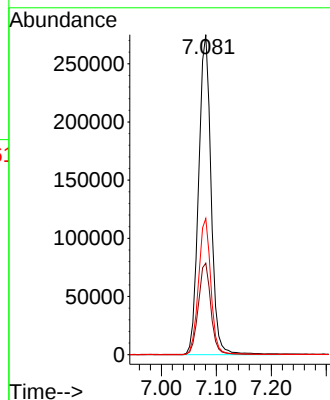
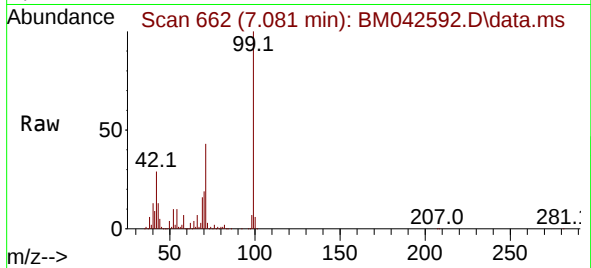




#7
Phenol-d6
Concen: 111.758 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042592.D
Acq: 04 Nov 2023 15:29

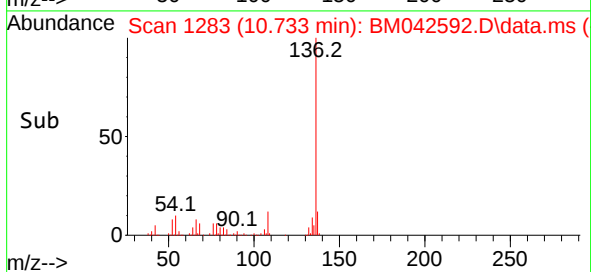
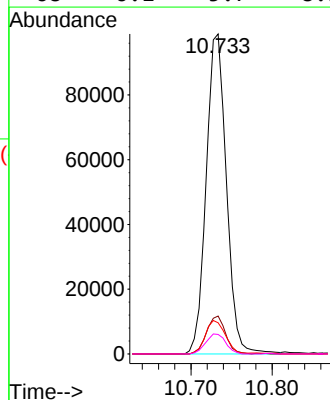
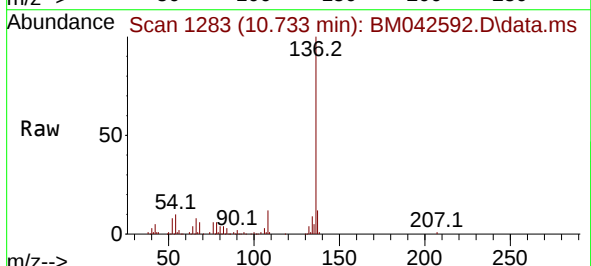
Instrument :
BNA_M
ClientSampleId :
SP-B

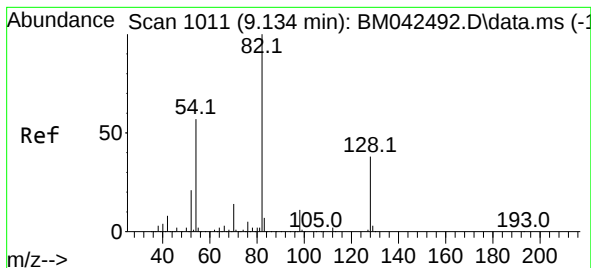
Tgt Ion: 99 Resp: 433249
Ion Ratio Lower Upper
99 100
42 28.6 18.7 28.1#
71 42.5 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. 0.005 min
Lab File: BM042592.D
Acq: 04 Nov 2023 15:29

Tgt Ion: 136 Resp: 170892
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.8 8.0 12.0
68 6.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 81.758 ng

RT: 9.116 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM042592.D

Acq: 04 Nov 2023 15:29

Instrument :

BNA_M

ClientSampleId :

SP-B

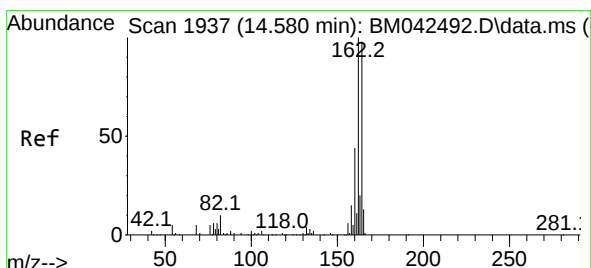
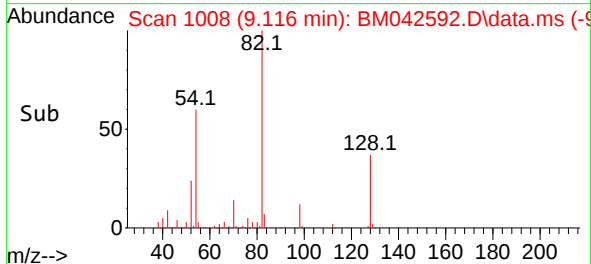
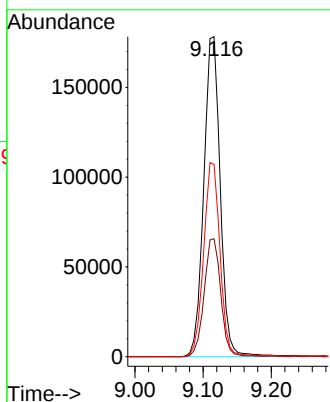
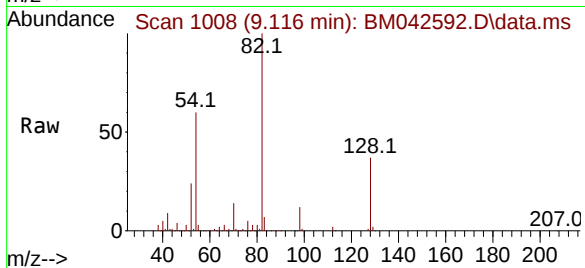
Tgt Ion: 82 Resp: 299719

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

54 60.1 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: BM042592.D

Acq: 04 Nov 2023 15:29

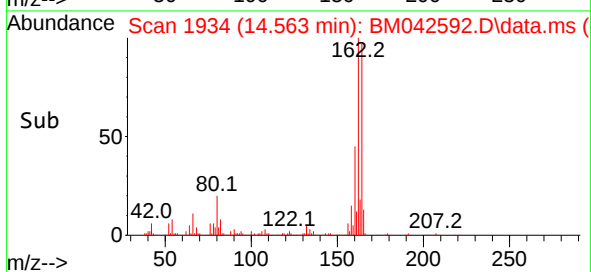
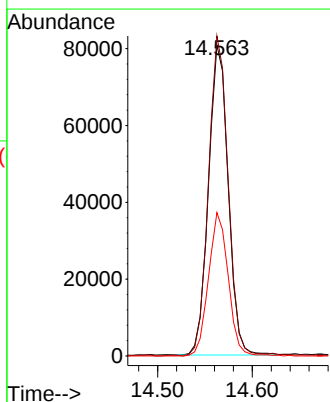
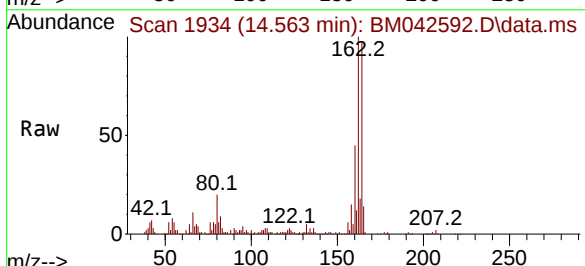
Tgt Ion:164 Resp: 116429

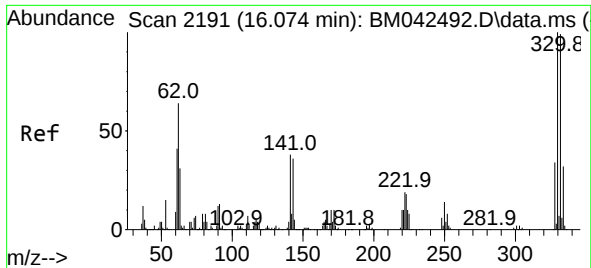
Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 46.1 36.2 54.4

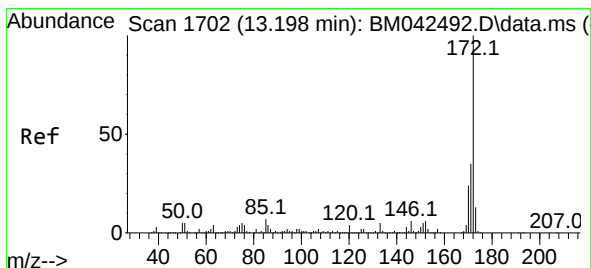
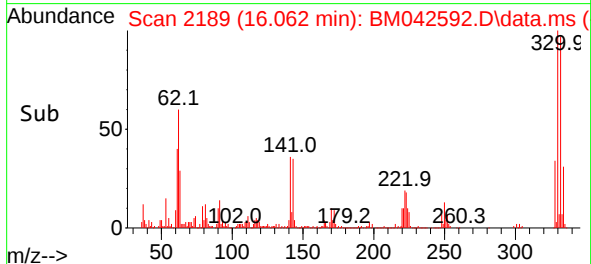
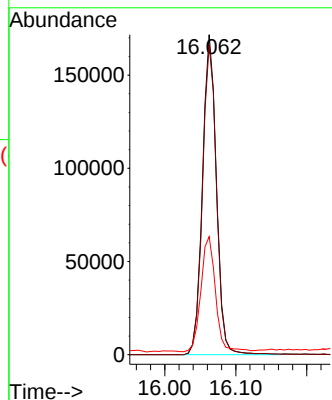
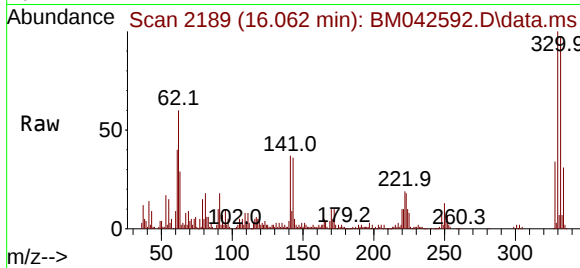




#42
2,4,6-Tribromophenol
Concen: 154.537 ng
RT: 16.062 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM042592.D
Acq: 04 Nov 2023 15:29

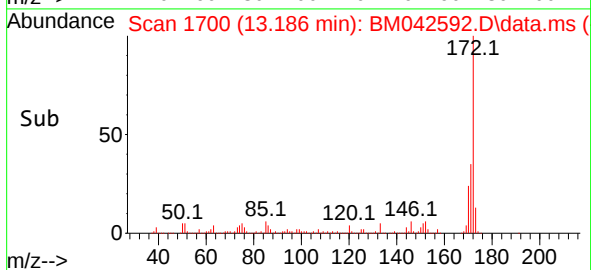
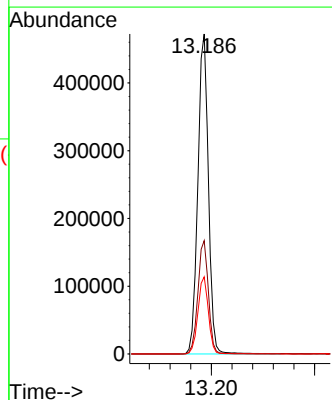
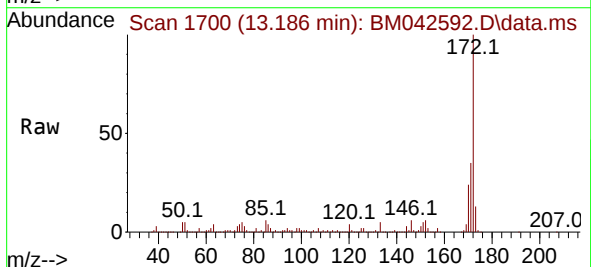
Instrument :
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Tgt Ion:330 Resp: 234908
Ion Ratio Lower Upper
330 100
332 97.3 78.8 118.2
141 37.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 77.224 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM042592.D
Acq: 04 Nov 2023 15:29

Tgt Ion:172 Resp: 668184
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.1 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: BM042592.D

Acq: 04 Nov 2023 15:29

Instrument :

BNA_M

ClientSampleId :

SP-B

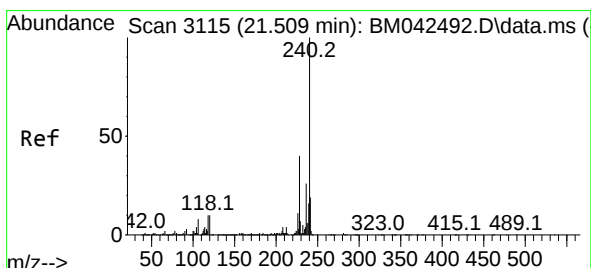
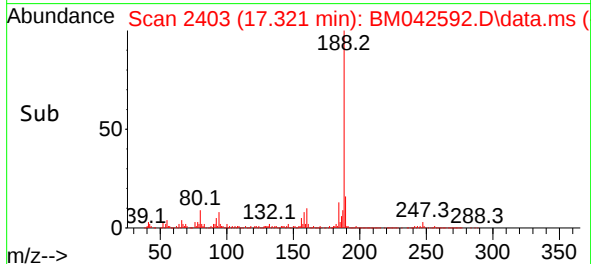
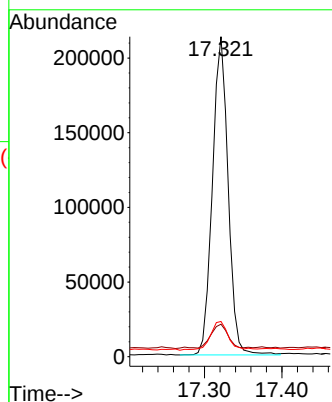
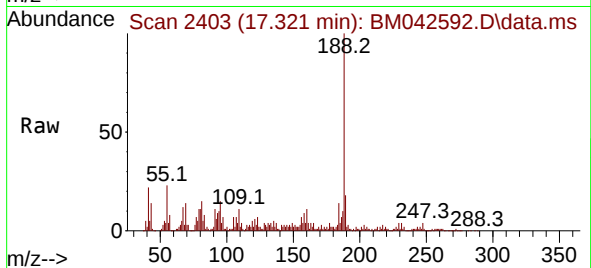
Tgt Ion:188 Resp: 300016

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

80 11.0 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM042592.D

Acq: 04 Nov 2023 15:29

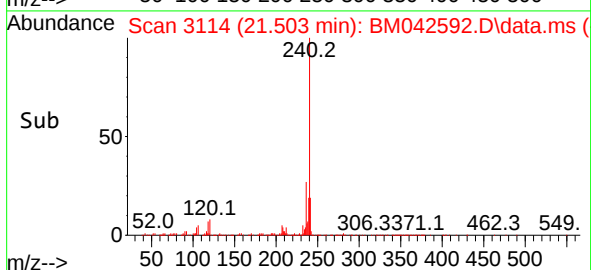
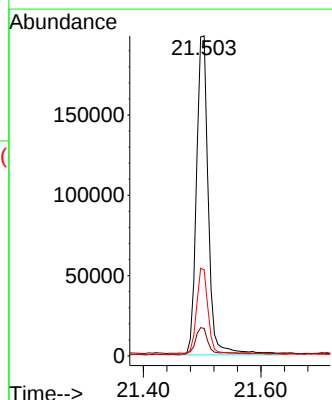
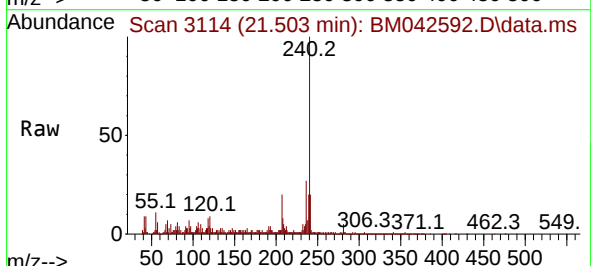
Tgt Ion:240 Resp: 279199

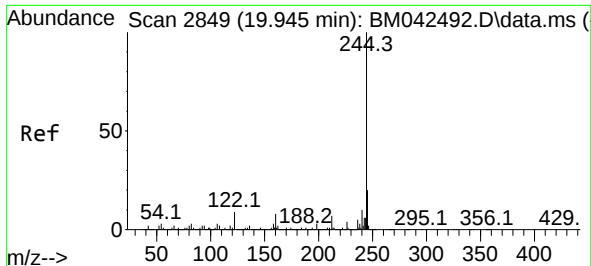
Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 26.9 20.8 31.2

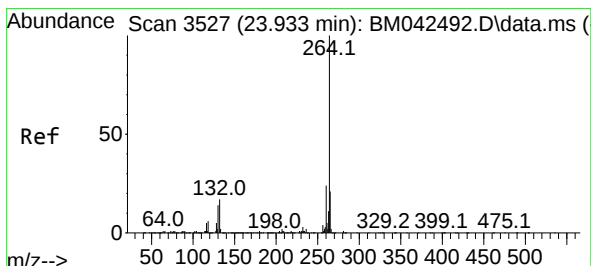
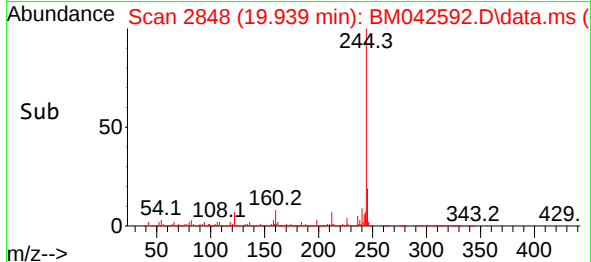
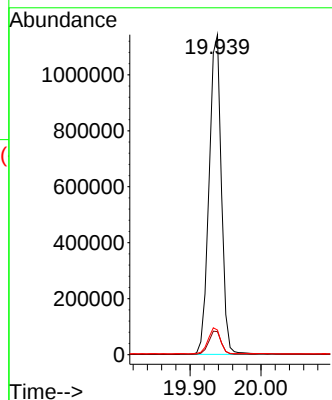
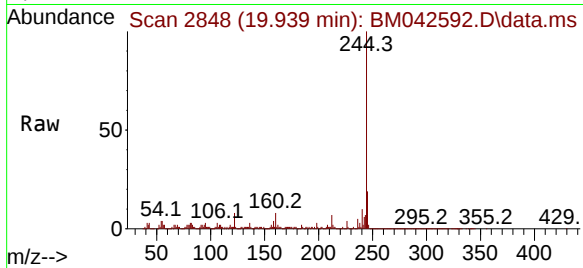




#79
 Terphenyl-d14
 Concen: 83.587 ng
 RT: 19.939 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM042592.D
 Acq: 04 Nov 2023 15:29

Instrument :
 BNA_M
 ClientSampleId :
 SP-B

Tgt Ion:244 Resp: 1376346
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 7.7 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. 0.006 min
 Lab File: BM042592.D
 Acq: 04 Nov 2023 15:29

Tgt Ion:264 Resp: 314206
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.0 18.7 28.1

