

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038763.D
 Acq On : 16 Feb 2023 18:47
 Operator : CG/JU
 Sample : 01539-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-8

Quant Time: Feb 17 06:11:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	22064	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	79450	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	45700	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	125665	20.000	ng	0.00
76) Chrysene-d12	21.480	240	123923	20.000	ng	0.00
86) Perylene-d12	23.862	264	13340	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	210765	187.124	ng	0.00
7) Phenol-d6	7.087	99	228903	178.187	ng	0.00
23) Nitrobenzene-d5	9.087	82	142277	101.717	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	133713	215.262	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	426093	118.700	ng	0.00
79) Terphenyl-d14	19.921	244	881810	125.570	ng	0.00

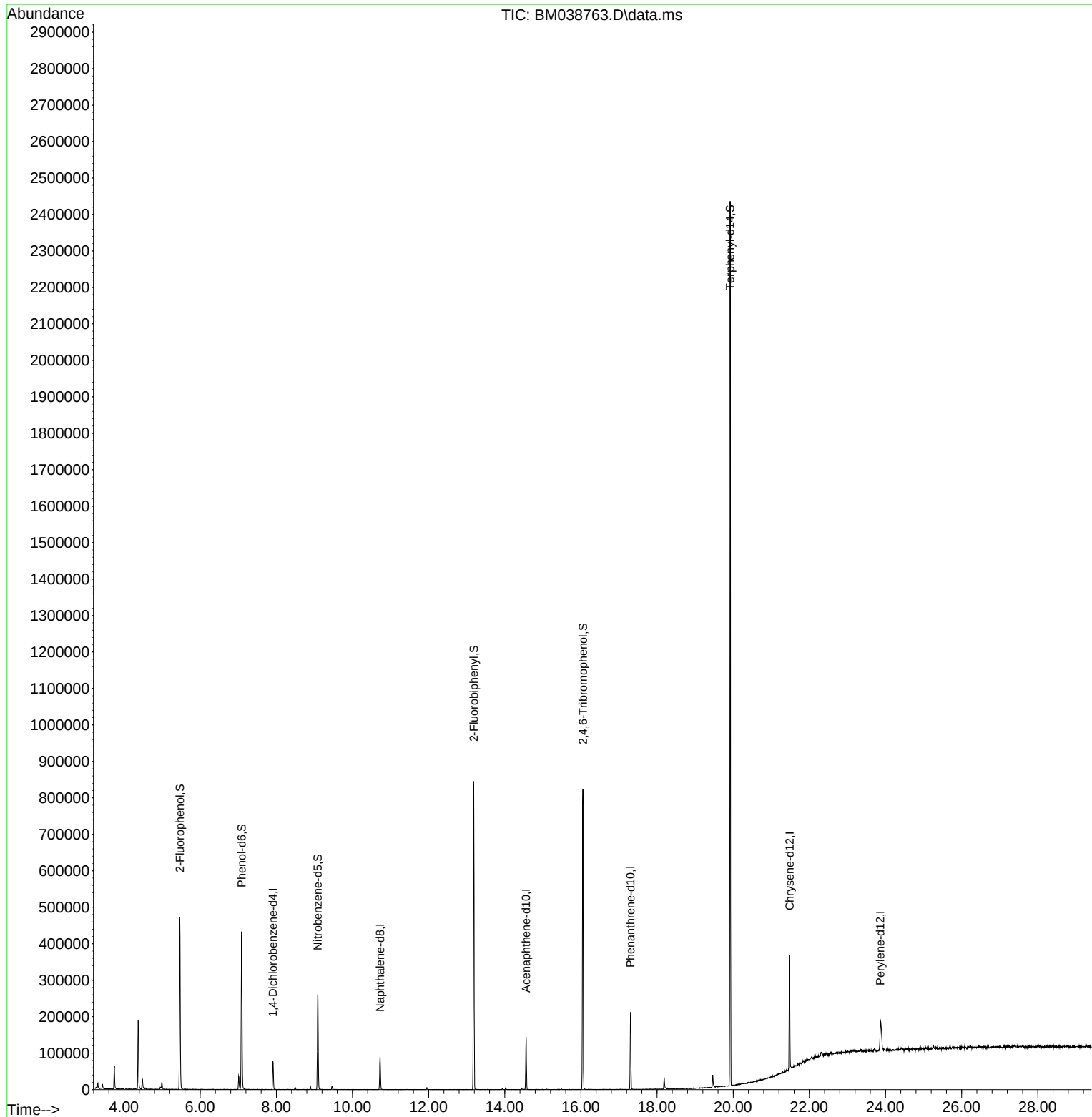
Target Compounds	Qvalue

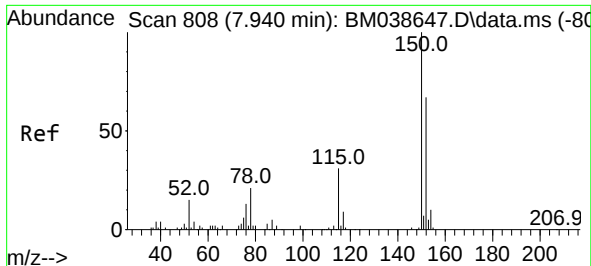
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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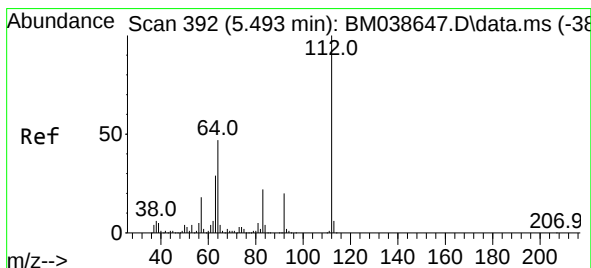
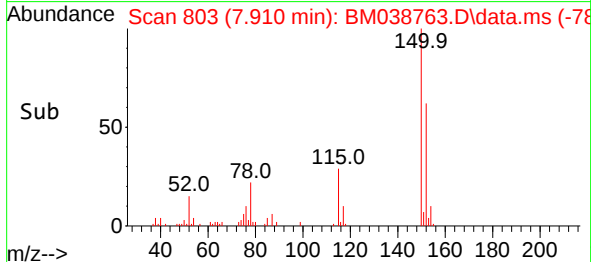
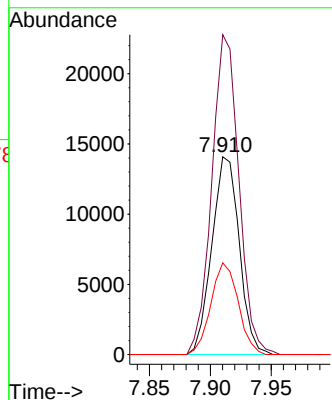
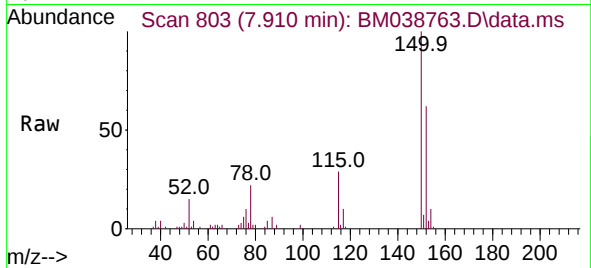




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

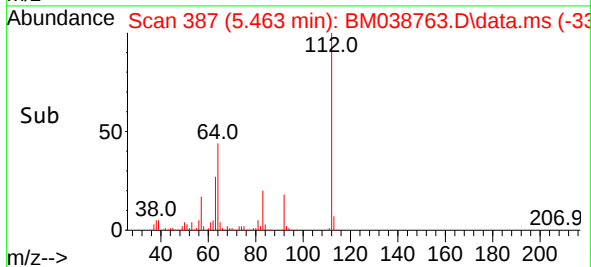
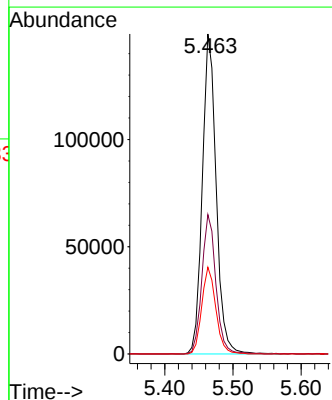
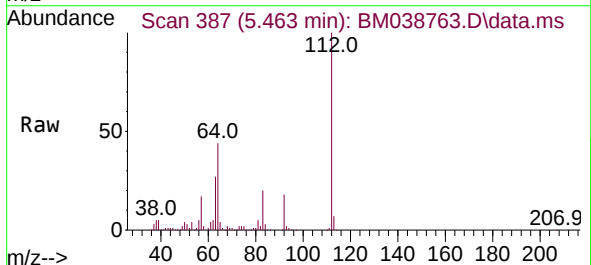
Instrument :
BNA_M
ClientSampleId :
COMP-8

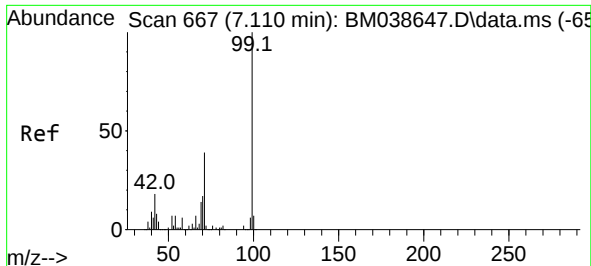
Tgt Ion:152 Resp: 22064
Ion Ratio Lower Upper
152 100
150 161.7 119.5 179.3
115 46.4 37.6 56.4



#5
2-Fluorophenol
Concen: 187.124 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

Tgt Ion:112 Resp: 210765
Ion Ratio Lower Upper
112 100
64 43.5 37.9 56.9
63 27.1 23.3 34.9

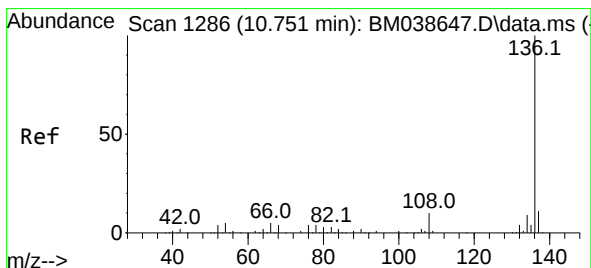
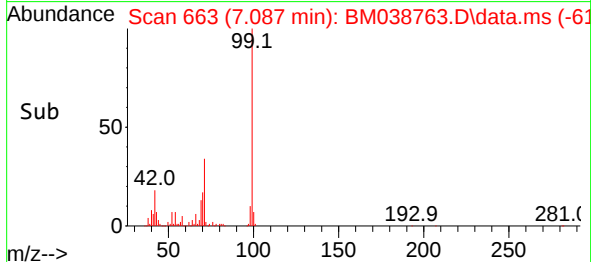
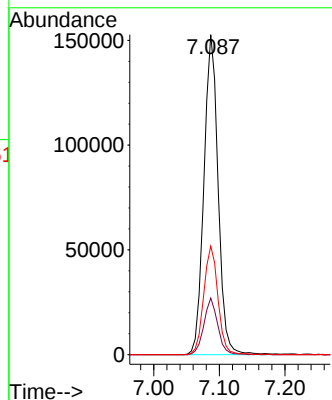
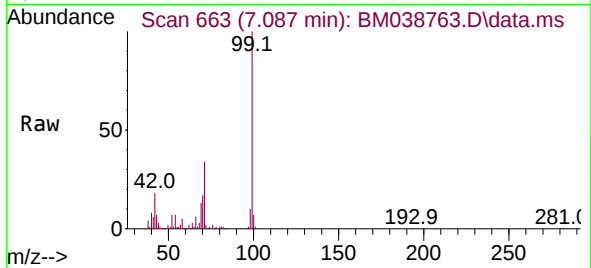




#7
Phenol-d6
Concen: 178.187 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

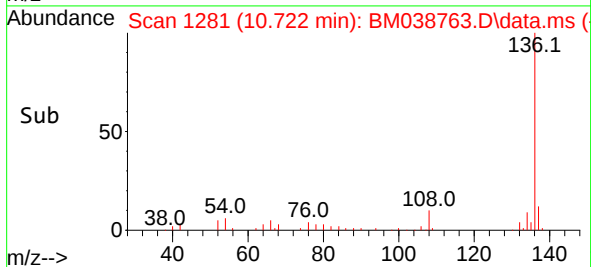
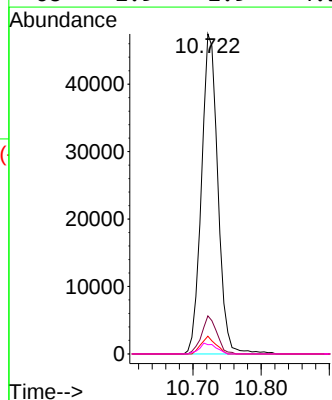
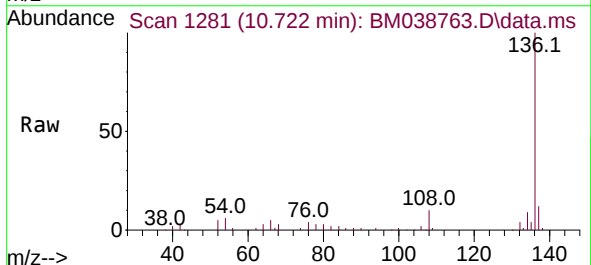
Instrument :
BNA_M
ClientSampleId :
COMP-8

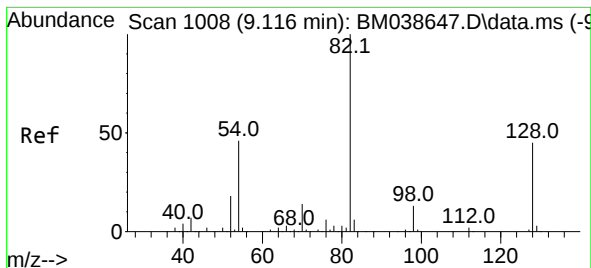
Tgt Ion: 99 Resp: 228903
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 33.9 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

Tgt Ion: 136 Resp: 79450
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 5.5 4.2 6.4
68 2.9 2.9 4.3





#23

Nitrobenzene-d5

Concen: 101.717 ng

RT: 9.087 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM038763.D

Acq: 16 Feb 2023 18:47

Instrument :

BNA_M

ClientSampleId :

COMP-8

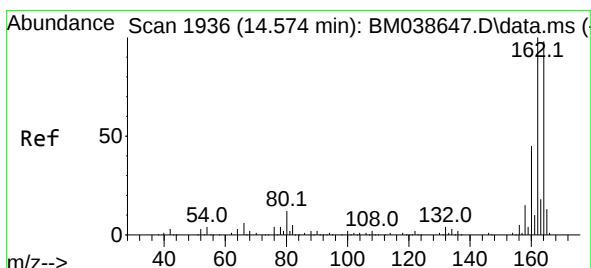
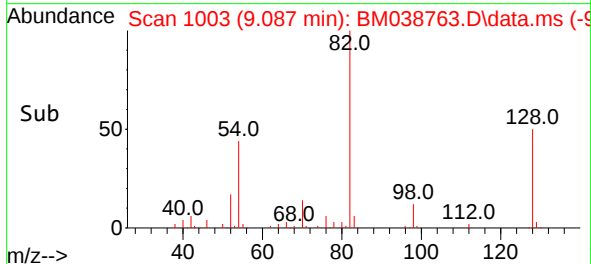
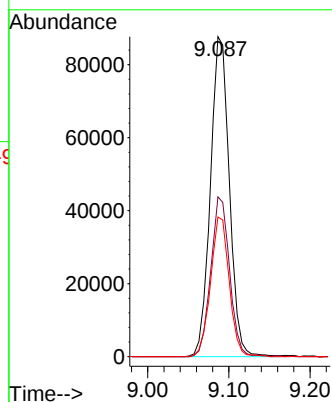
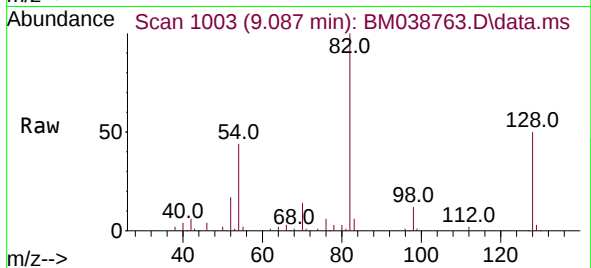
Tgt Ion: 82 Resp: 142277

Ion Ratio Lower Upper

82 100

128 49.9 36.0 54.0

54 43.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM038763.D

Acq: 16 Feb 2023 18:47

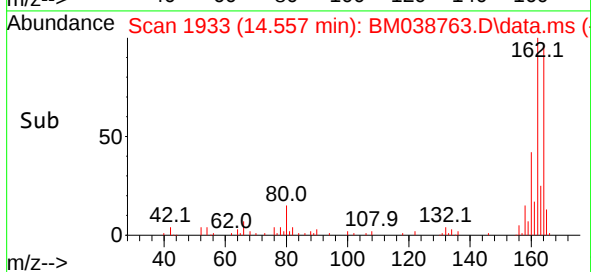
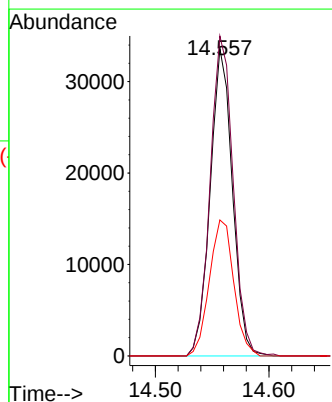
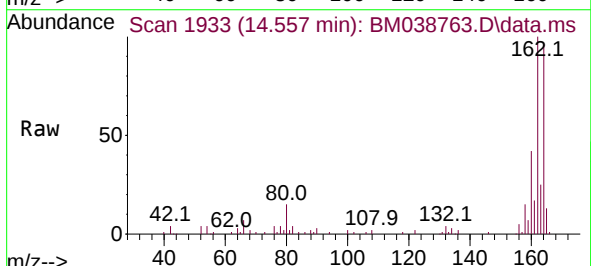
Tgt Ion:164 Resp: 45700

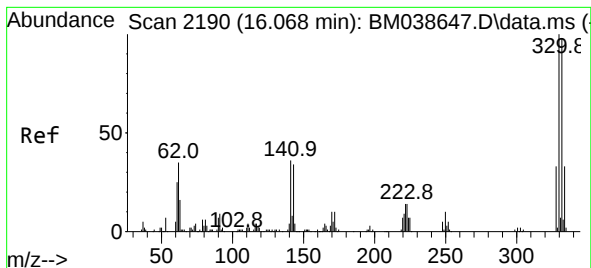
Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.0

160 44.2 36.5 54.7

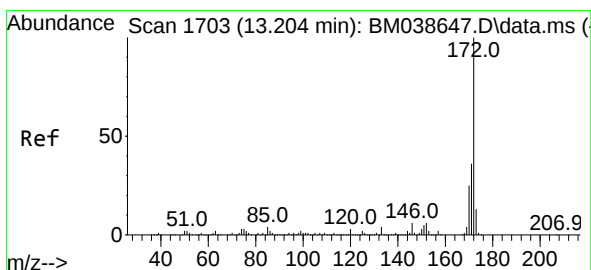
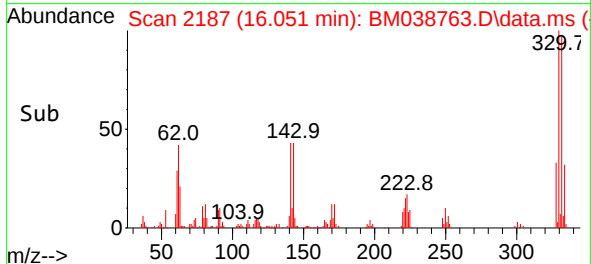
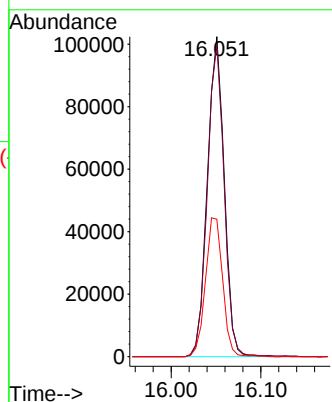
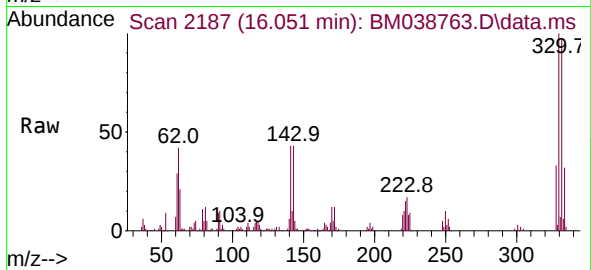




#42
2,4,6-Tribromophenol
Concen: 215.262 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

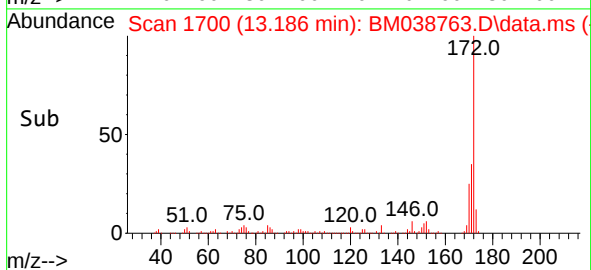
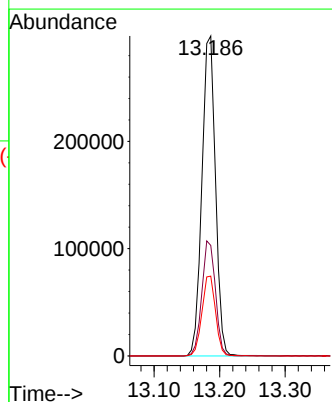
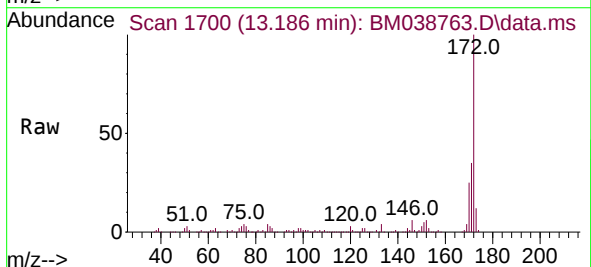
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COMP-8

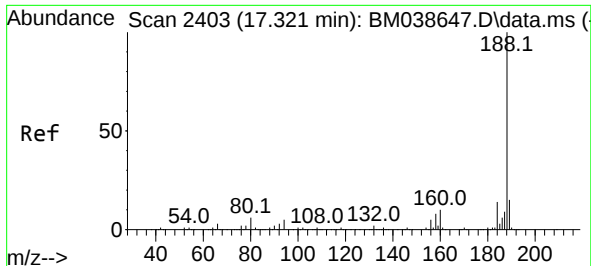
Tgt Ion:330 Resp: 133713
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 44.3 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 118.700 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

Tgt Ion:172 Resp: 426093
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 24.9 20.0 30.0

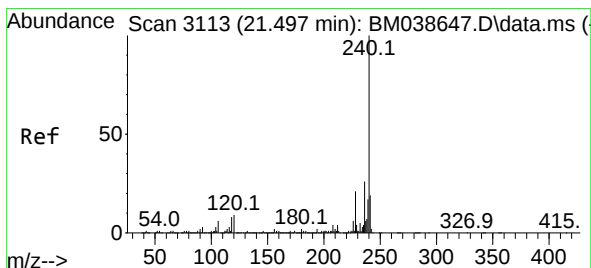
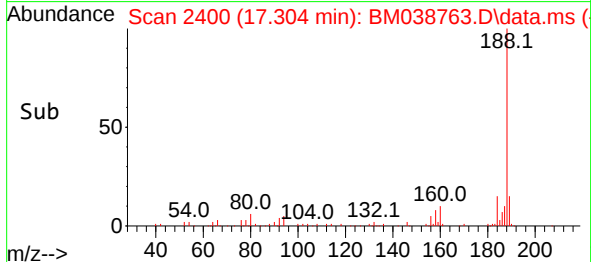
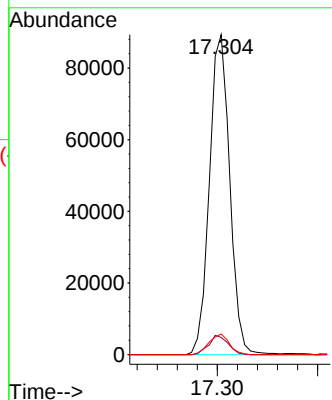
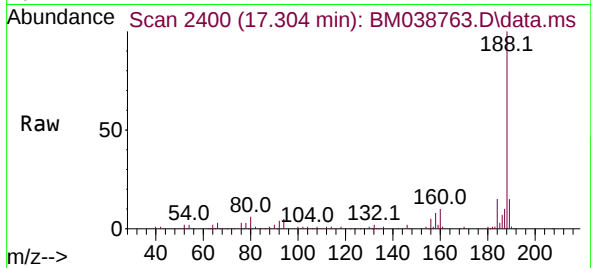




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

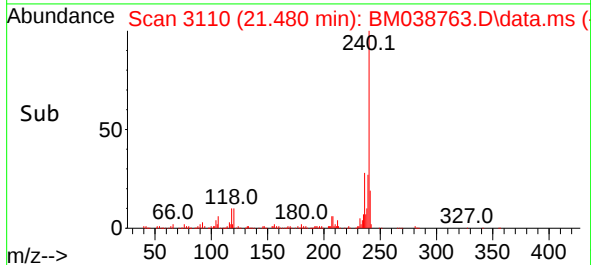
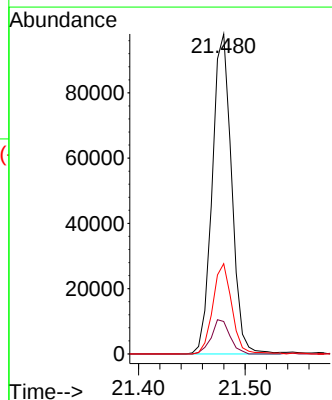
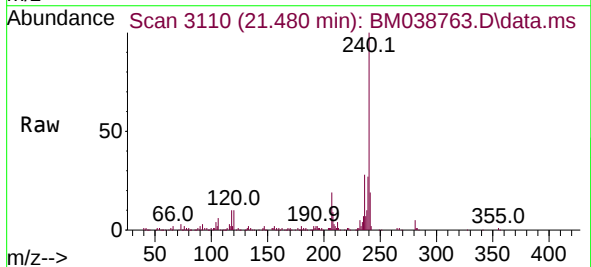
Instrument :
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COMP-8

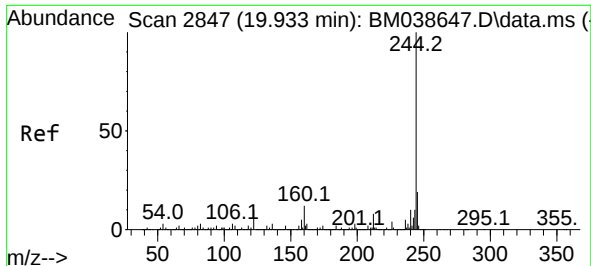
Tgt Ion:188 Resp: 125665
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.4
80 6.4 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038763.D
Acq: 16 Feb 2023 18:47

Tgt Ion:240 Resp: 123923
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 28.2 20.9 31.3

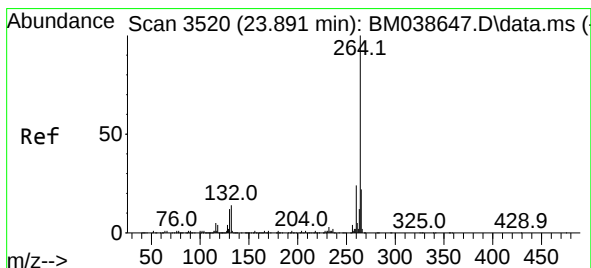
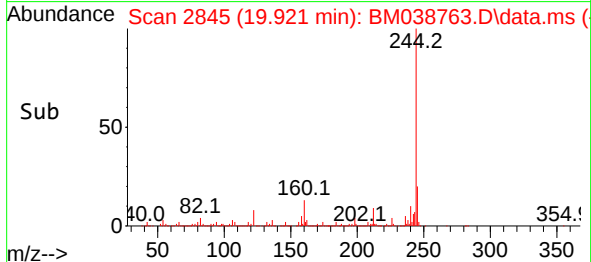
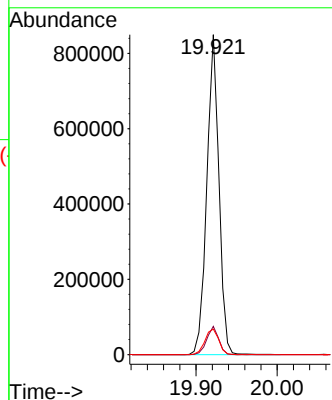
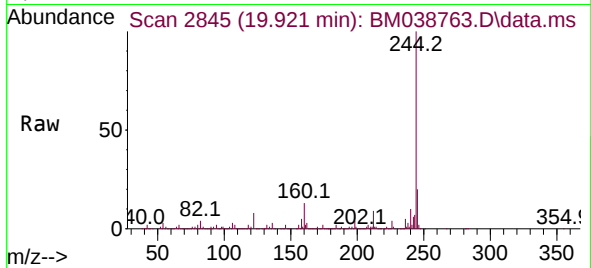




#79
 Terphenyl-d14
 Concen: 125.570 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BM038763.D
 Acq: 16 Feb 2023 18:47

Instrument :
 BNA_M
 ClientSampleId :
 COMP-8

Tgt Ion:244 Resp: 881810
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 9.8
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.862 min Scan# 3515
 Delta R.T. -0.006 min
 Lab File: BM038763.D
 Acq: 16 Feb 2023 18:47

Tgt Ion:264 Resp: 13340
 Ion Ratio Lower Upper
 264 100
 260 68.0 19.6 29.4#
 265 26.5 17.9 26.9

