

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038668.D
 Acq On : 02 Feb 2023 18:04
 Operator : CG/JU
 Sample : 01389-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ROW-3

Quant Time: Feb 03 05:37:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

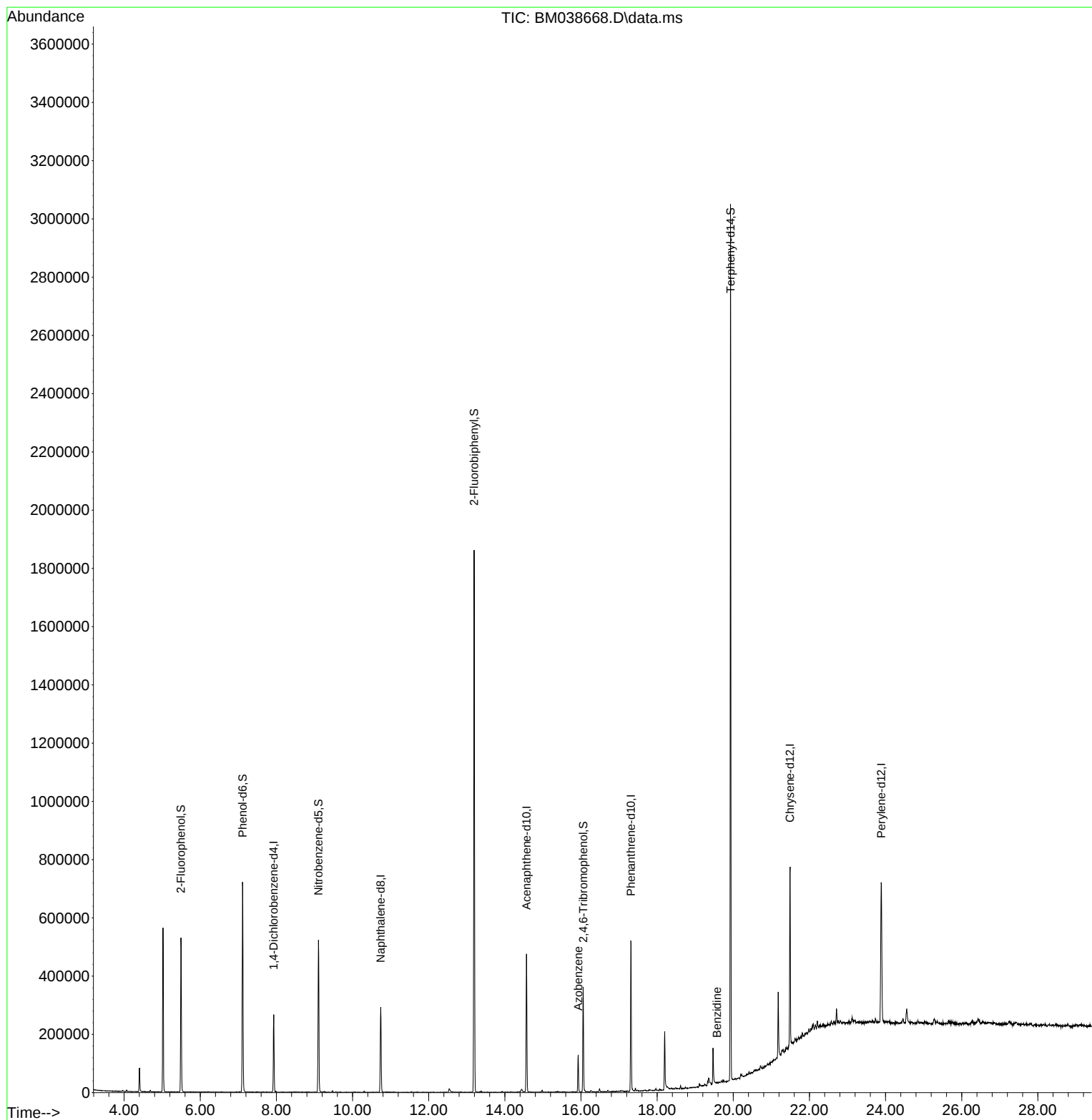
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	76771	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	242117	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	161968	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	318131	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	279313	20.000	ng	0.00
86) Perylene-d12	23.886	264	366836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	227519	58.054	ng	0.00
7) Phenol-d6	7.110	99	398115	89.068	ng	0.00
23) Nitrobenzene-d5	9.104	82	276539	64.876	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	67515	30.668	ng	-0.01
45) 2-Fluorobiphenyl	13.192	172	914680	71.896	ng	-0.01
79) Terphenyl-d14	19.927	244	1231406	77.799	ng	0.00
Target Compounds						
63) Azobenzene	15.927	77	33521	3.480	ng	# 1
77) Benzidine	19.574	184	62	3.121	ng	# 1

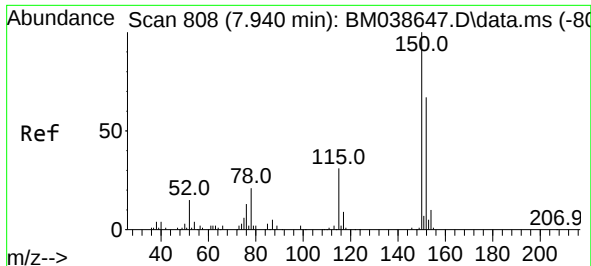
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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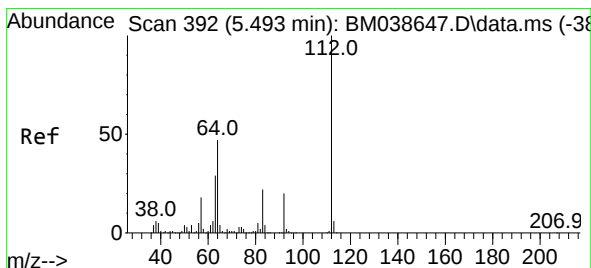
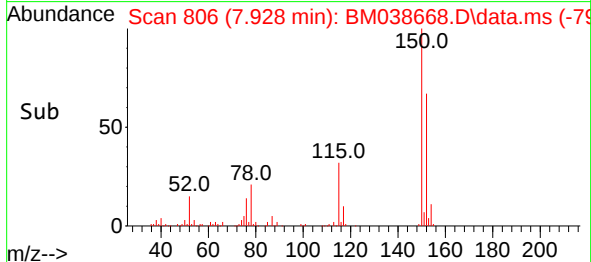
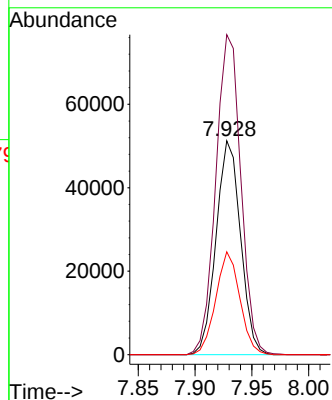
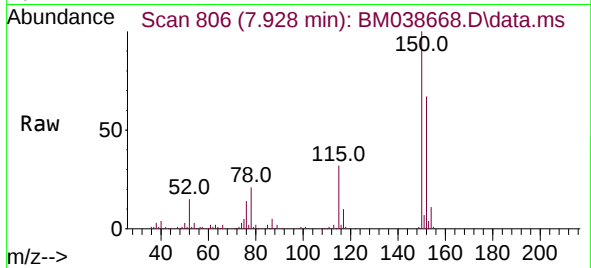




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

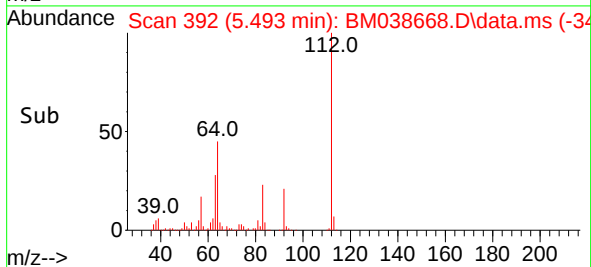
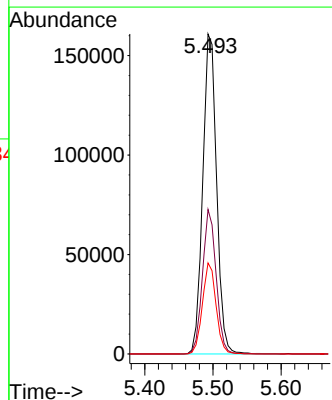
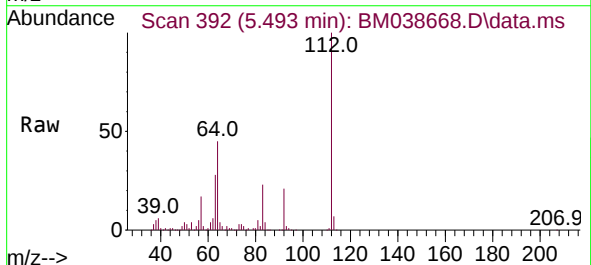
Instrument :
BNA_M
ClientSampleId :
ROW-3

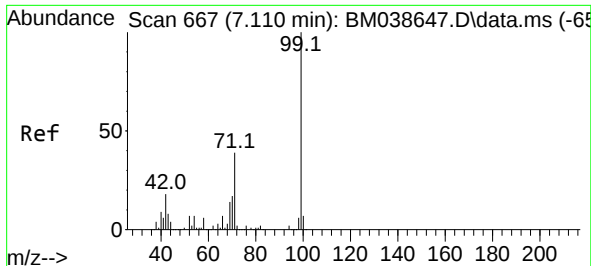
Tgt Ion:152 Resp: 76771
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 48.0 37.6 56.4



#5
2-Fluorophenol
Concen: 58.054 ng
RT: 5.493 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

Tgt Ion:112 Resp: 227519
Ion Ratio Lower Upper
112 100
64 45.1 37.9 56.9
63 28.5 23.3 34.9

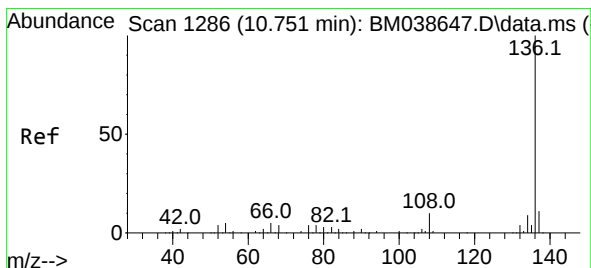
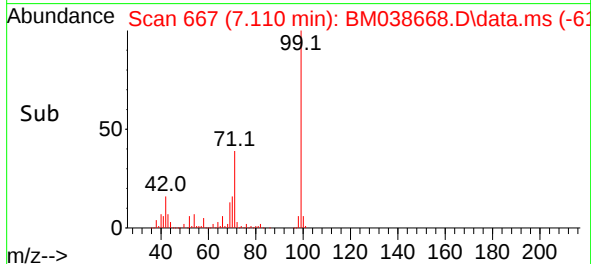
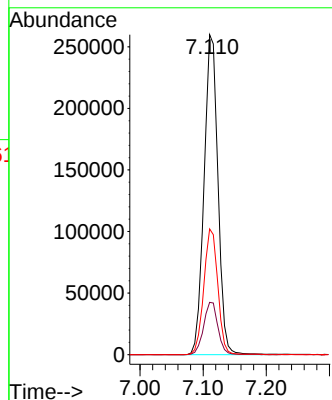
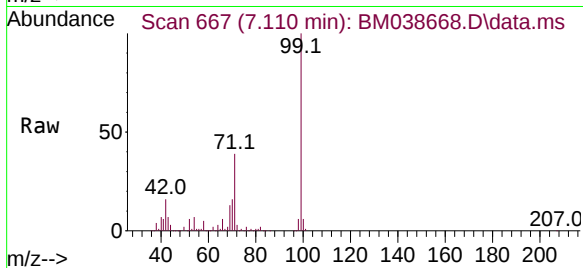




#7
Phenol-d6
Concen: 89.068 ng
RT: 7.110 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

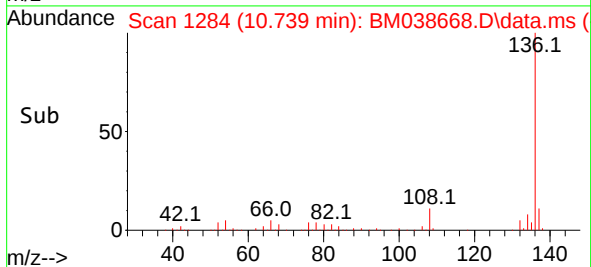
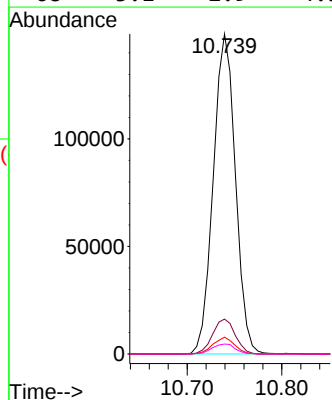
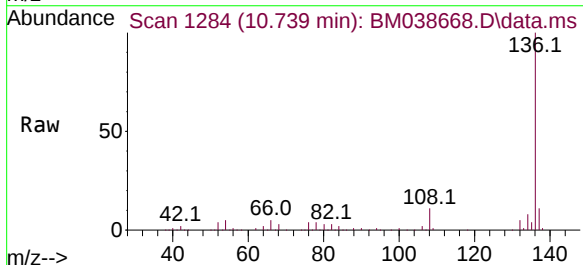
Instrument :
BNA_M
ClientSampleId :
ROW-3

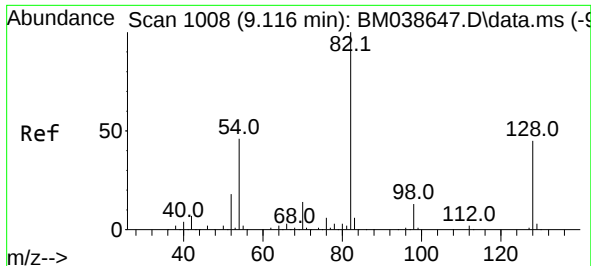
Tgt Ion: 99 Resp: 398115
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 39.3 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

Tgt Ion: 136 Resp: 242117
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.3 4.2 6.4
68 3.1 2.9 4.3

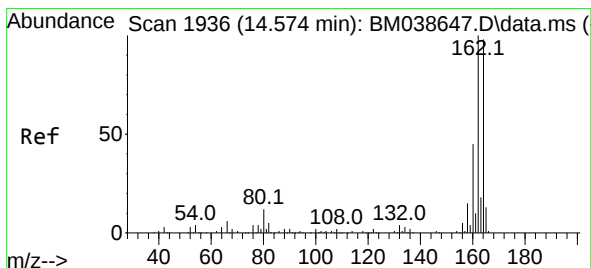
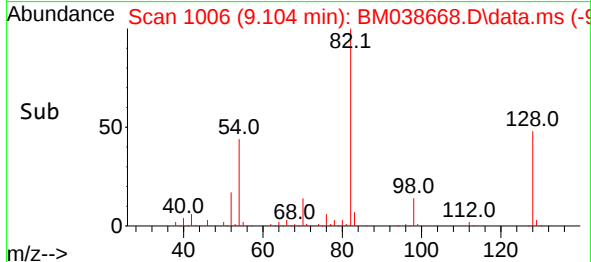
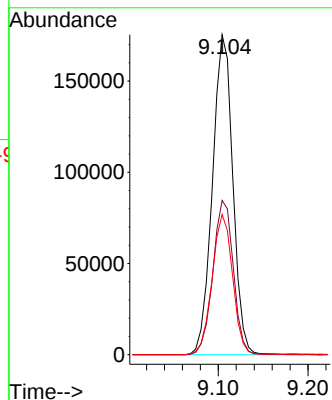
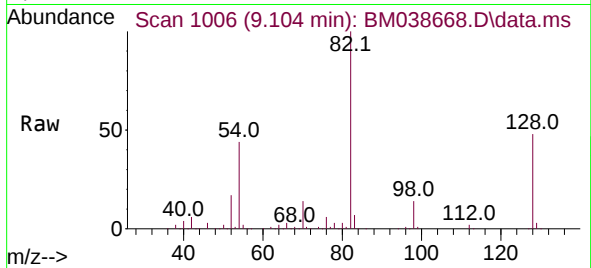




#23
Nitrobenzene-d5
Concen: 64.876 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

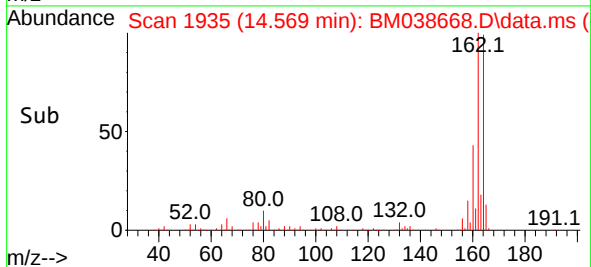
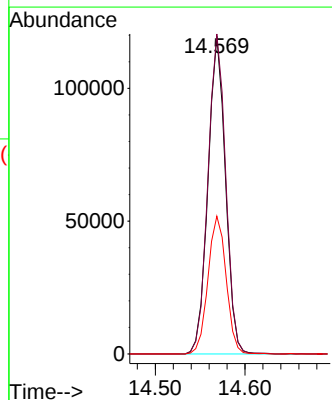
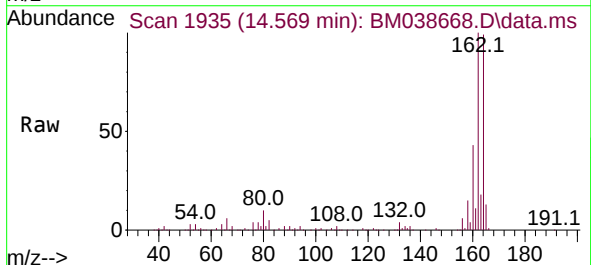
Instrument :
BNA_M
ClientSampleId :
ROW-3

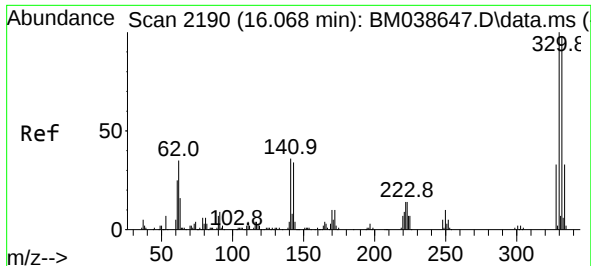
Tgt Ion: 82 Resp: 276539
Ion Ratio Lower Upper
82 100
128 48.2 36.0 54.0
54 43.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

Tgt Ion:164 Resp: 161968
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.4 36.5 54.7

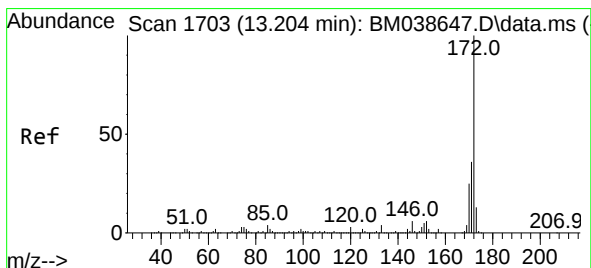
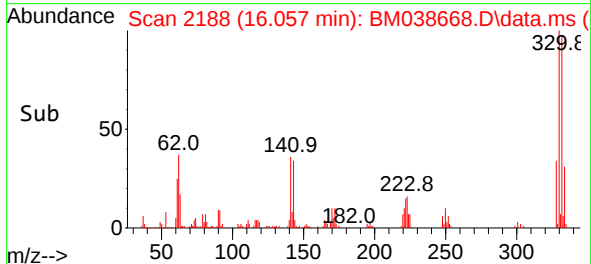
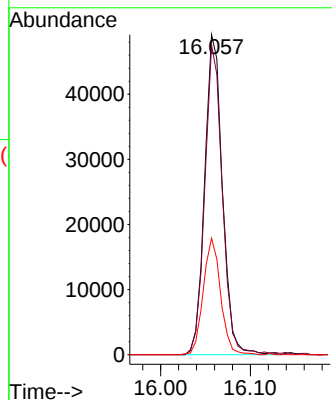
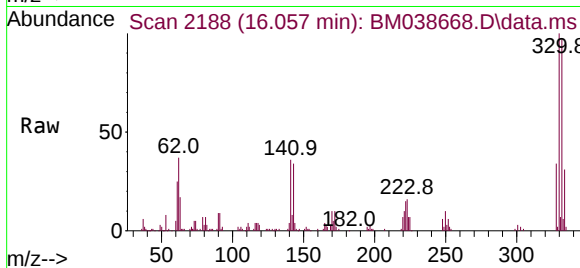




#42
2,4,6-Tribromophenol
Concen: 30.668 ng
RT: 16.057 min Scan# 2190
Delta R.T. -0.011 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

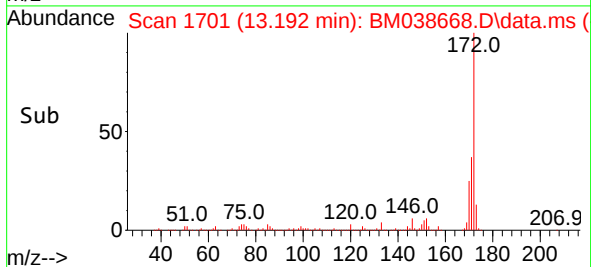
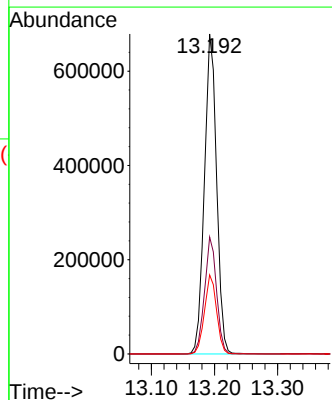
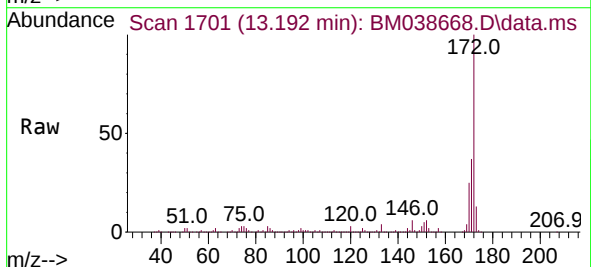
Instrument :
BNA_M
ClientSampleId :
ROW-3

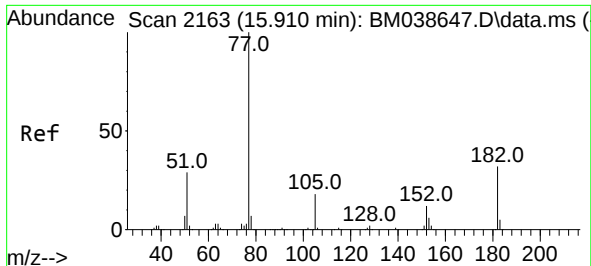
Tgt Ion:330 Resp: 67515
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 35.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 71.896 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

Tgt Ion:172 Resp: 914680
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.7 20.0 30.0

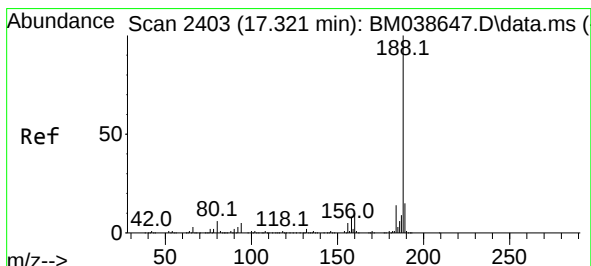
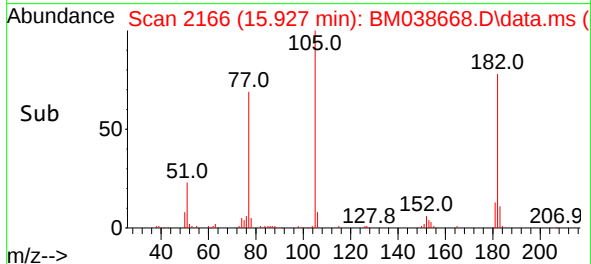
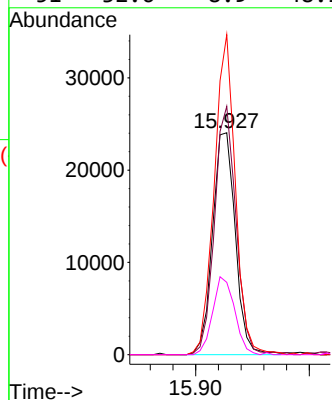
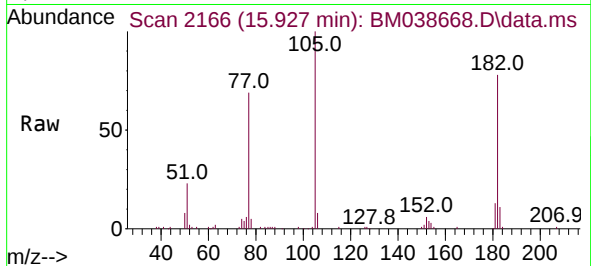




#63
Azobenzene
Concen: 3.480 ng
RT: 15.927 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

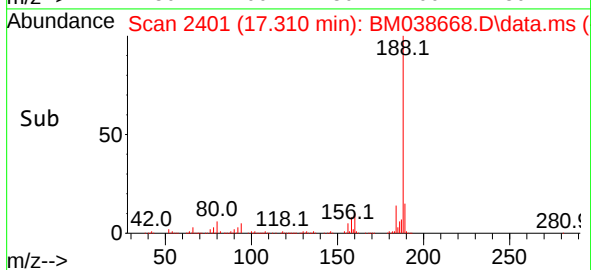
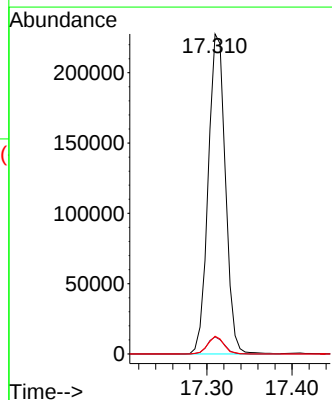
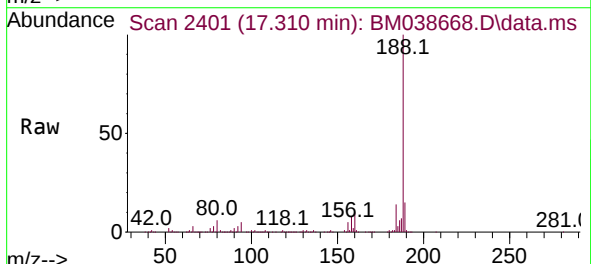
Instrument :
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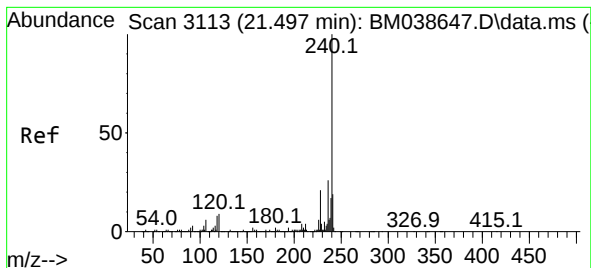
Tgt Ion: 77	Resp: 33521
Ion Ratio	Lower Upper
77 100	
182 111.9	12.0 52.0#
105 144.2	0.0 37.5#
51 32.6	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM038668.D
Acq: 02 Feb 2023 18:04

Tgt Ion: 188	Resp: 318131
Ion Ratio	Lower Upper
188 100	
94 5.3	4.2 6.4
80 5.5	4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038668.D

Acq: 02 Feb 2023 18:04

Instrument :

BNA_M

ClientSampleId :

ROW-3

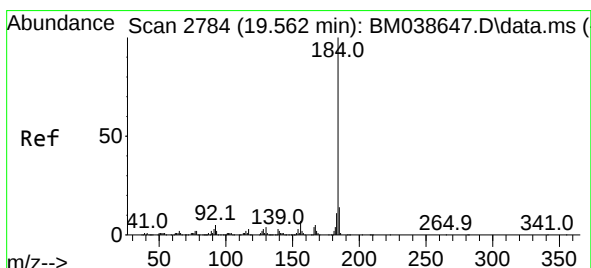
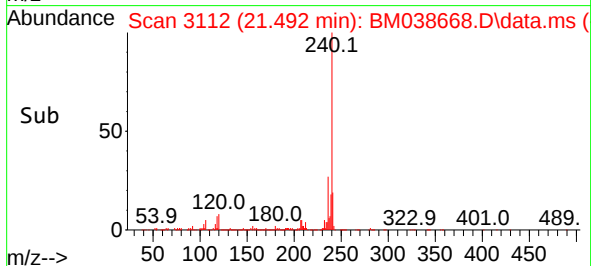
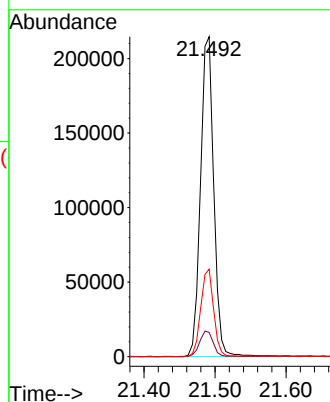
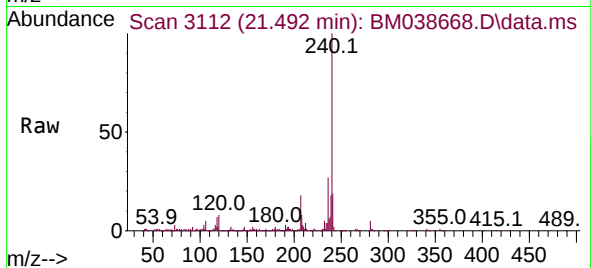
Tgt Ion:240 Resp: 279313

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.4

236 27.4 20.9 31.3



#77

Benzidine

Concen: 3.121 ng

RT: 19.574 min Scan# 2786

Delta R.T. 0.012 min

Lab File: BM038668.D

Acq: 02 Feb 2023 18:04

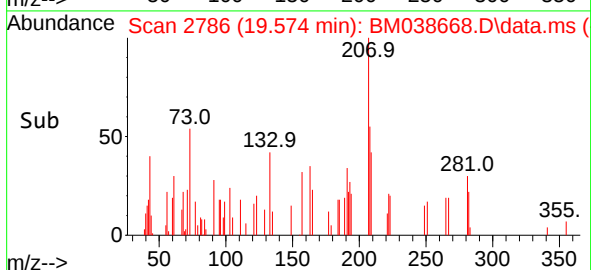
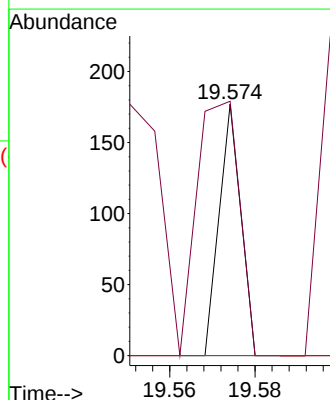
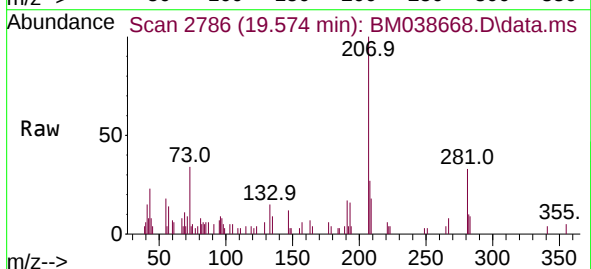
Tgt Ion:184 Resp: 62

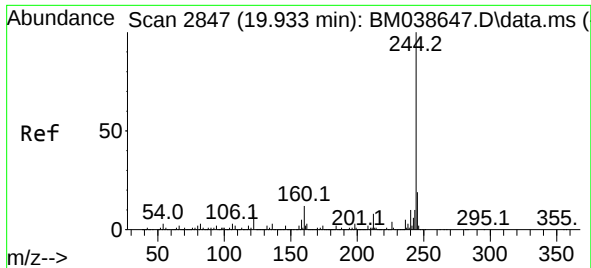
Ion Ratio Lower Upper

184 100

185 101.1 10.8 16.2#

183 0.0 8.8 13.2#

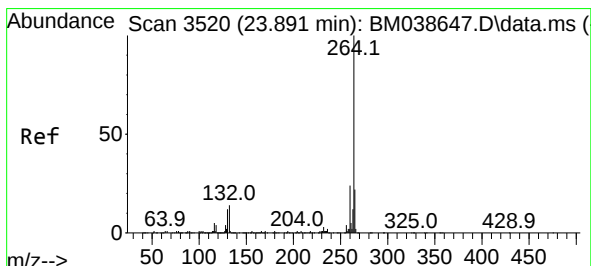
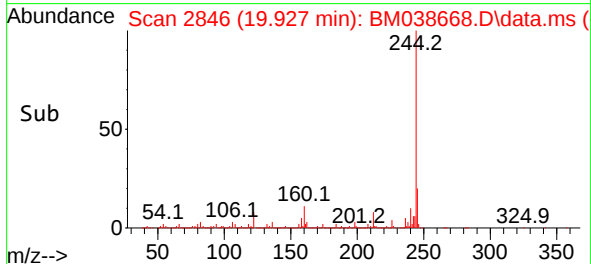
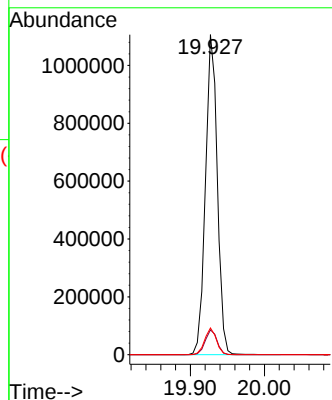
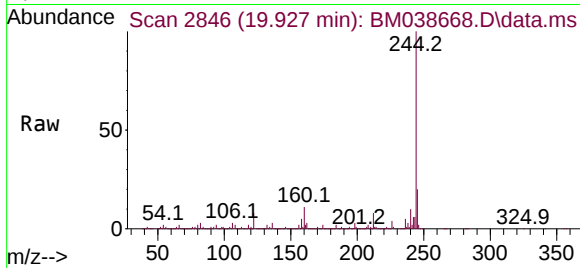




#79
 Terphenyl-d14
 Concen: 77.799 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038668.D
 Acq: 02 Feb 2023 18:04

Instrument :
 BNA_M
 ClientSampleId :
 ROW-3

Tgt Ion:244 Resp: 1231406
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.886 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM038668.D
 Acq: 02 Feb 2023 18:04

Tgt Ion:264 Resp: 366836
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 22.2 17.9 26.9

