

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038789.D
 Acq On : 20 Feb 2023 16:25
 Operator : CG/JU
 Sample : 01611-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-2023-2-17

Quant Time: Feb 21 02:08:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

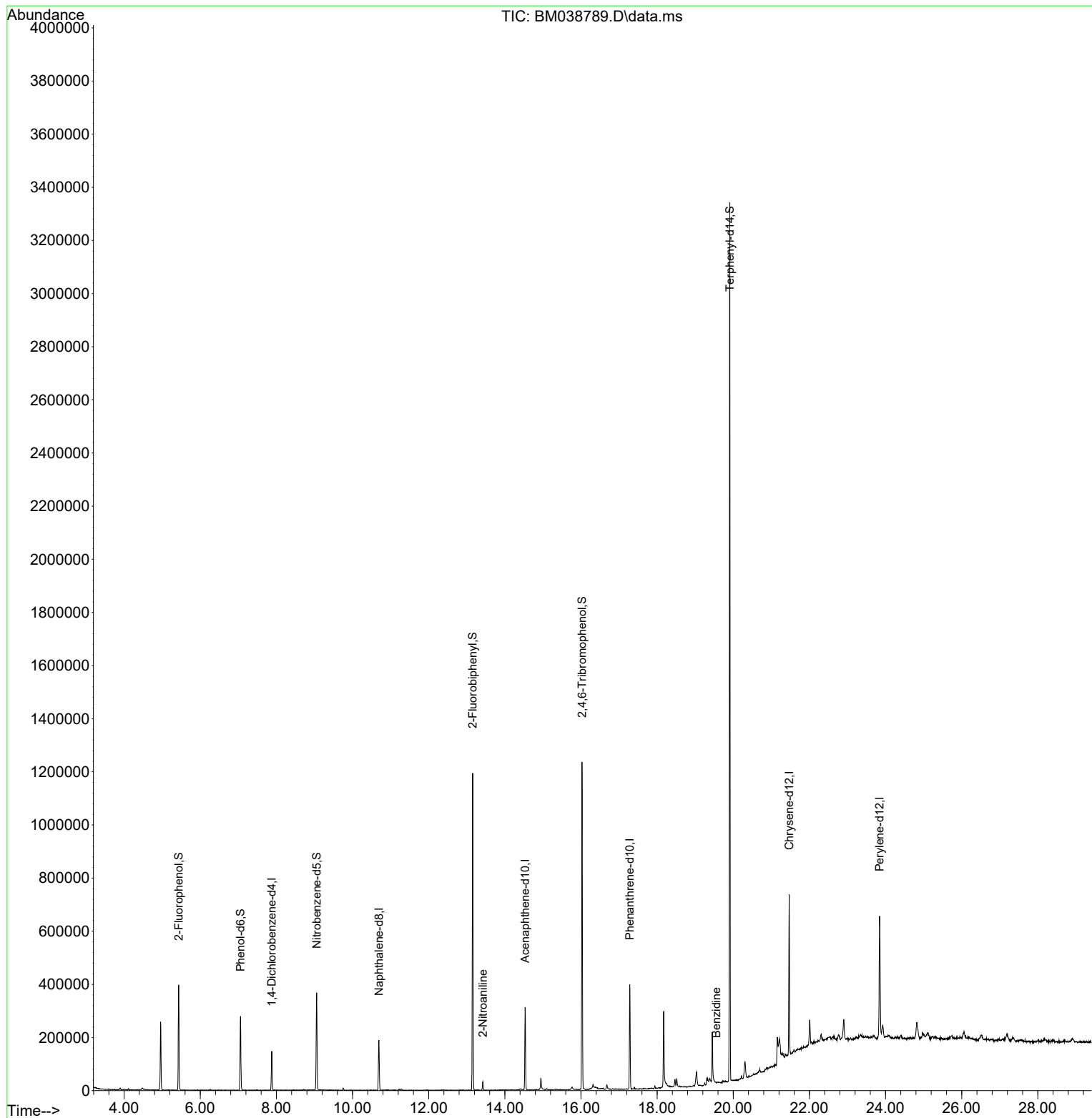
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	41202	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	153298	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	99949	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	218570	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	235292	20.000	ng	0.00
86) Perylene-d12	23.845	264	297122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	179100	85.151	ng	0.00
7) Phenol-d6	7.057	99	157814	65.786	ng	0.00
23) Nitrobenzene-d5	9.057	82	196247	72.714	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	204049	150.199	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	558586	71.150	ng	0.00
79) Terphenyl-d14	19.909	244	1316570	98.742	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.422	65	514	2.520	ng	# 1
77) Benzidine	19.557	184	204	3.141	ng	# 1

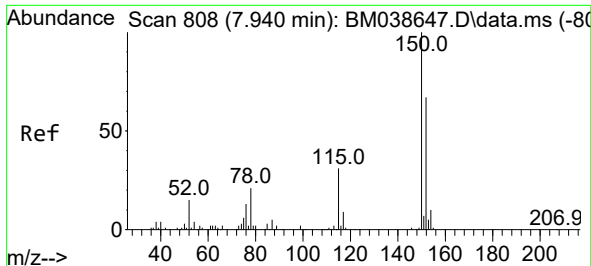
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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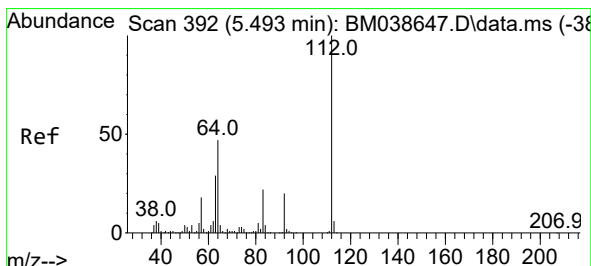
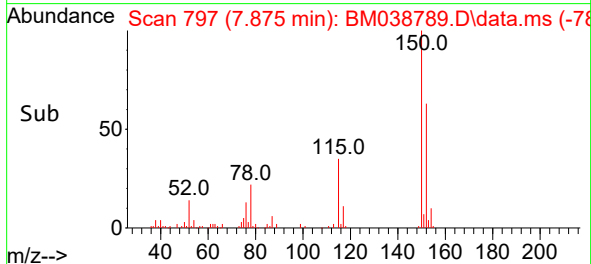
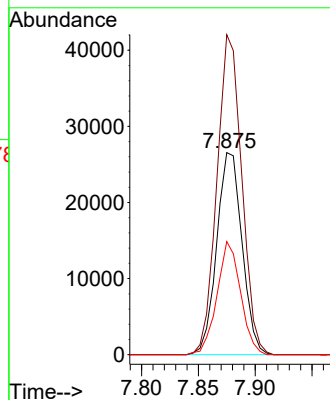
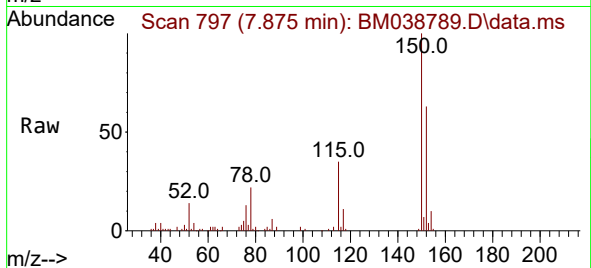




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

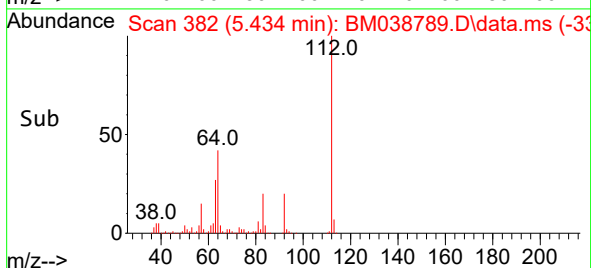
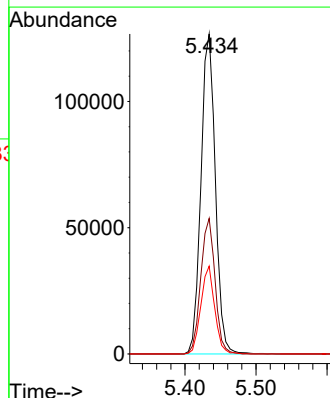
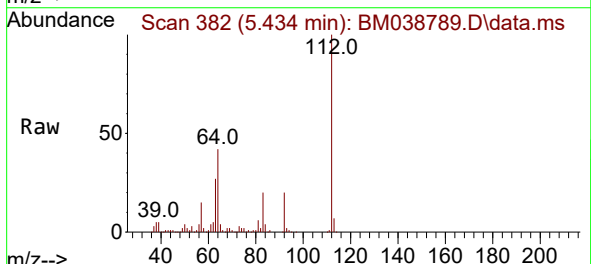
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-17

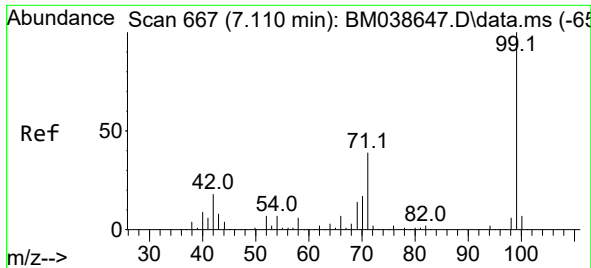
Tgt Ion:152 Resp: 41202
Ion Ratio Lower Upper
152 100
150 158.4 119.5 179.3
115 56.0 37.6 56.4



#5
2-Fluorophenol
Concen: 85.151 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

Tgt Ion:112 Resp: 179100
Ion Ratio Lower Upper
112 100
64 42.4 37.9 56.9
63 27.4 23.3 34.9

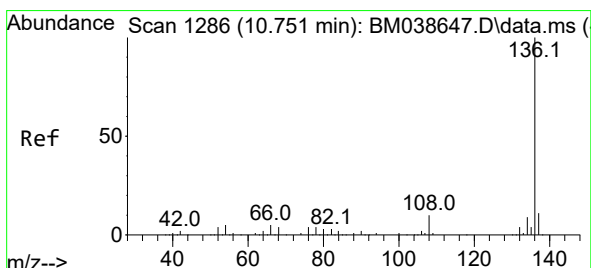
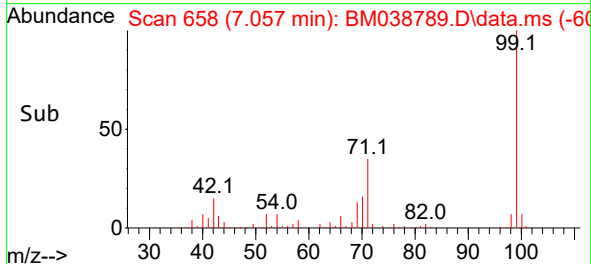
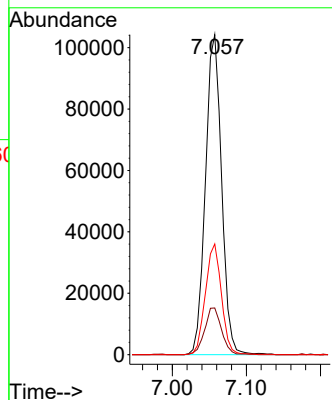
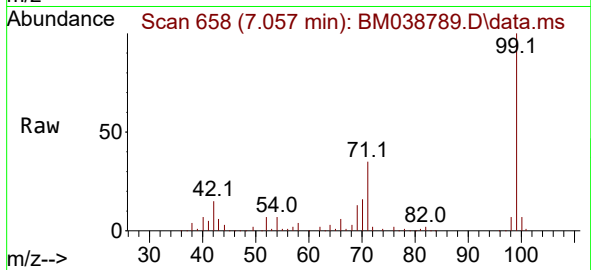




#7
Phenol-d6
Concen: 65.786 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

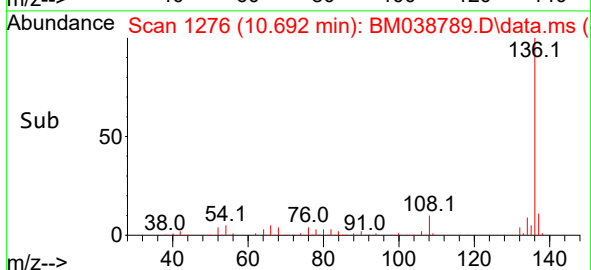
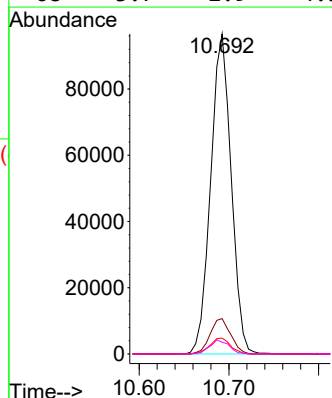
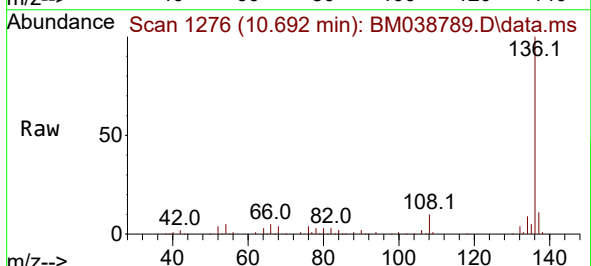
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-17

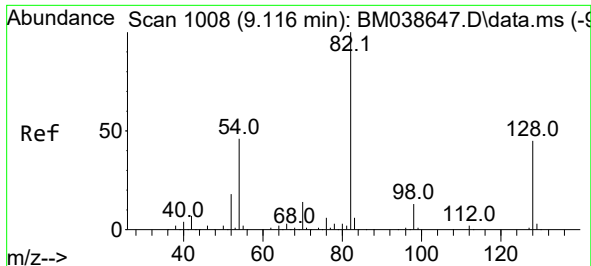
Tgt Ion: 99 Resp: 157814
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 34.6 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

Tgt Ion: 136 Resp: 153298
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.9 4.2 6.4
68 3.7 2.9 4.3

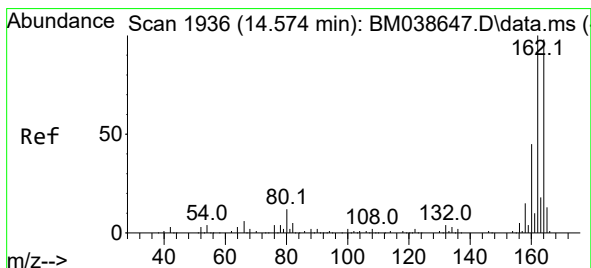
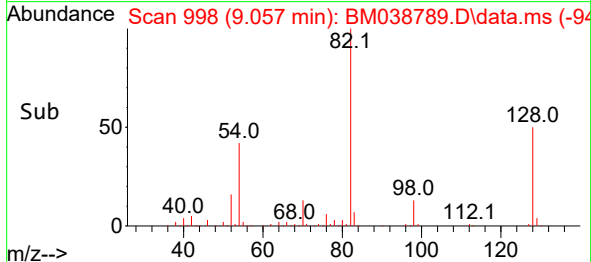
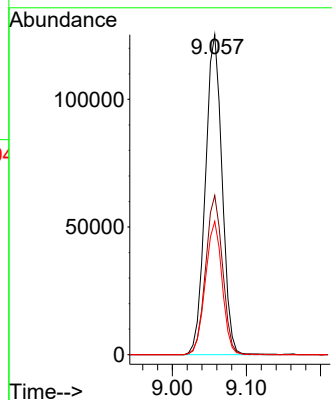
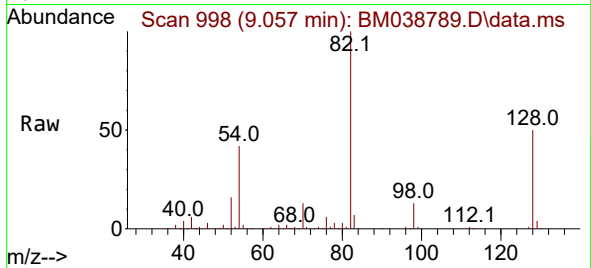




#23
Nitrobenzene-d5
Concen: 72.714 ng
RT: 9.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

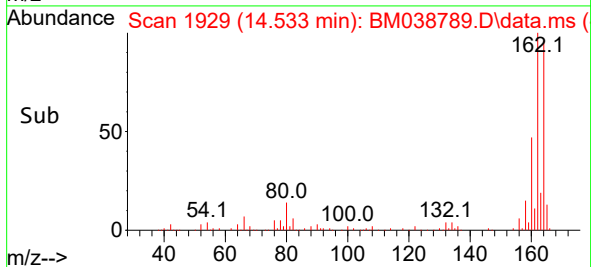
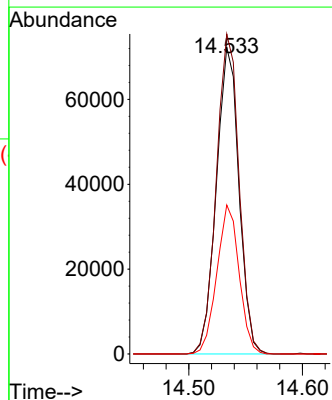
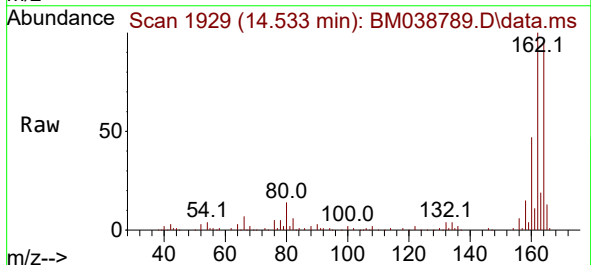
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-17

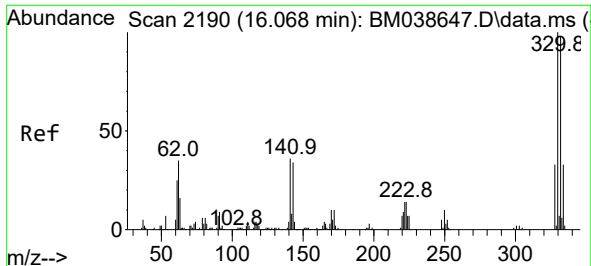
Tgt Ion: 82 Resp: 196247
Ion Ratio Lower Upper
82 100
128 49.8 36.0 54.0
54 41.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

Tgt Ion: 164 Resp: 99949
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.0
160 48.6 36.5 54.7

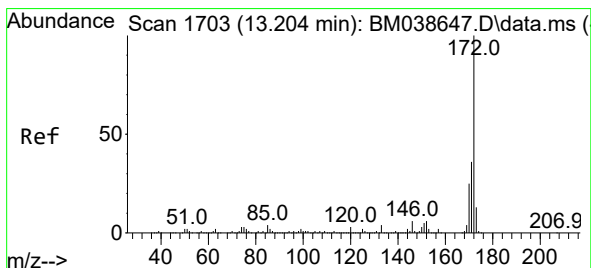
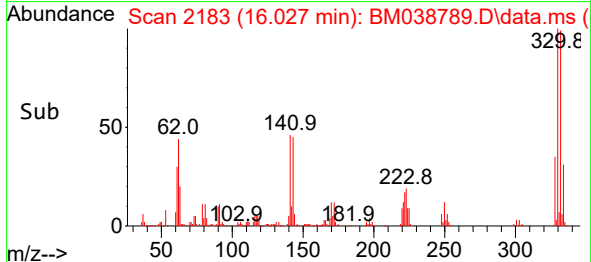
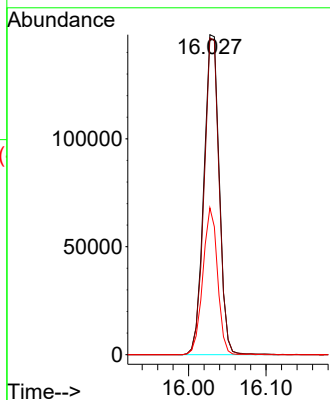
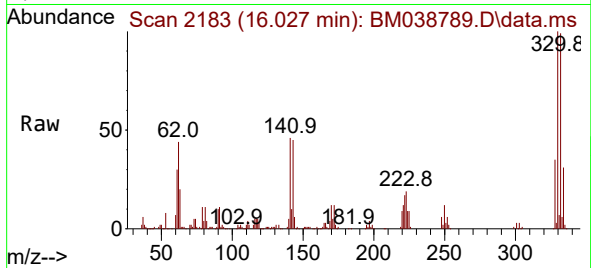




#42
2,4,6-Tribromophenol
Concen: 150.199 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

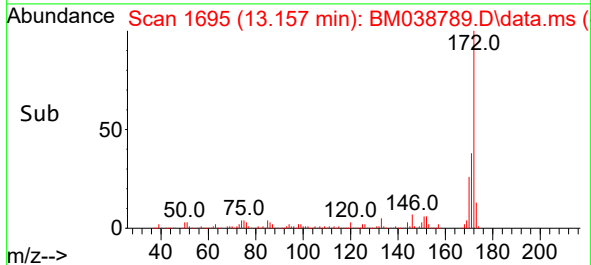
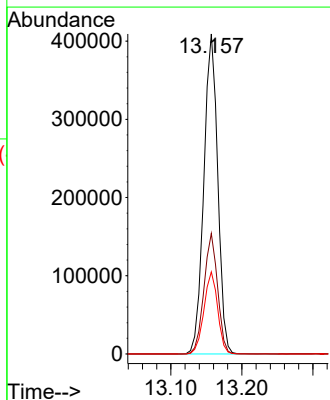
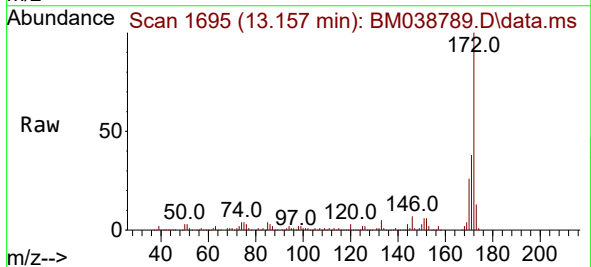
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-17

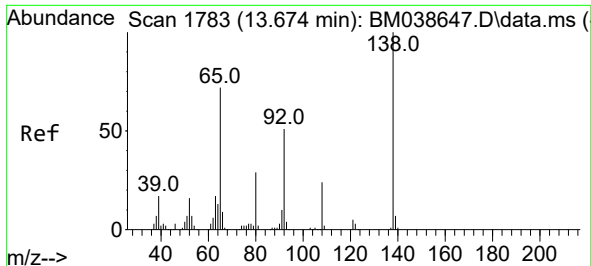
Tgt Ion:330 Resp: 204049
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 43.9 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 71.150 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

Tgt Ion:172 Resp: 558586
Ion Ratio Lower Upper
172 100
171 37.7 28.7 43.1
170 25.6 20.0 30.0

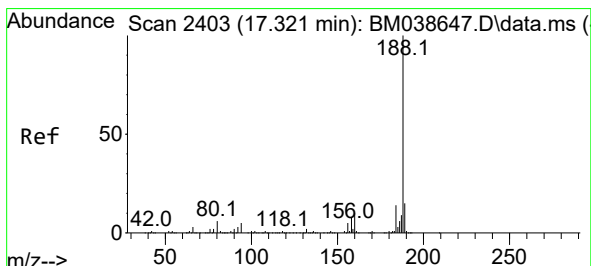
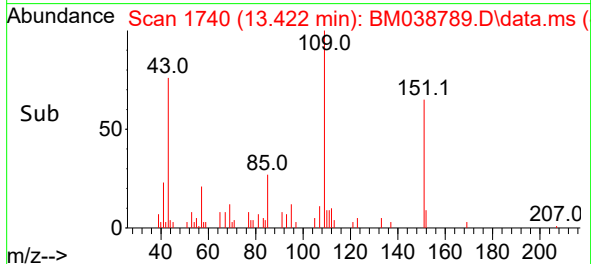
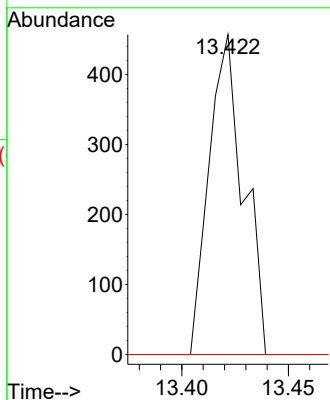
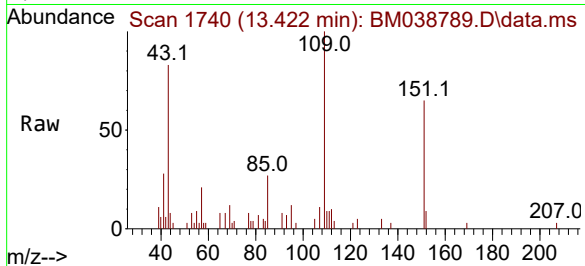




#48
2-Nitroaniline
Concen: 2.520 ng
RT: 13.422 min Scan# 1
Delta R.T. -0.211 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

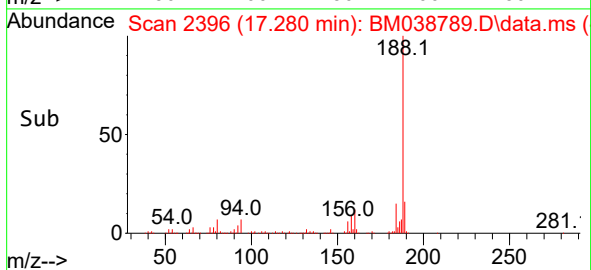
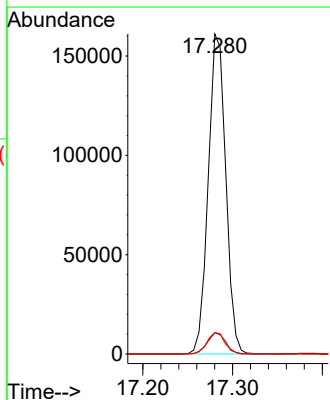
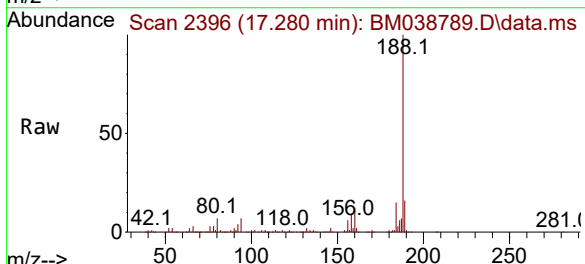
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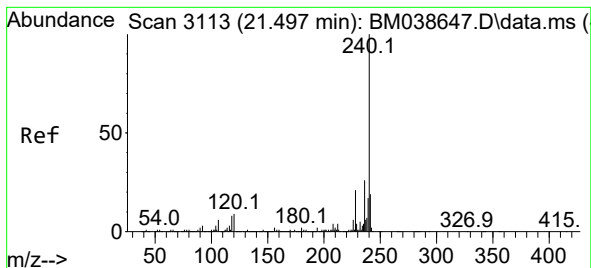
Tgt Ion: 65 Resp: 514
Ion Ratio Lower Upper
65 100
92 0.0 55.9 83.9#
138 0.0 110.6 166.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038789.D
Acq: 20 Feb 2023 16:25

Tgt Ion:188 Resp: 218570
Ion Ratio Lower Upper
188 100
94 6.7 4.2 6.4#
80 6.7 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM038789.D

Acq: 20 Feb 2023 16:25

Instrument :

BNA_M

ClientSampleId :

EB-2023-2-17

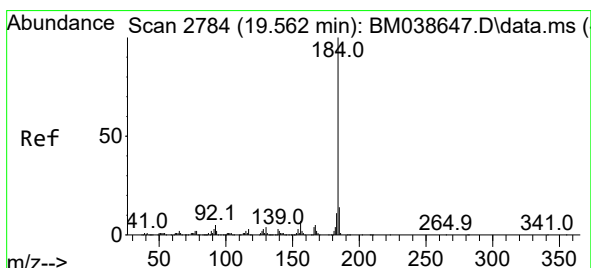
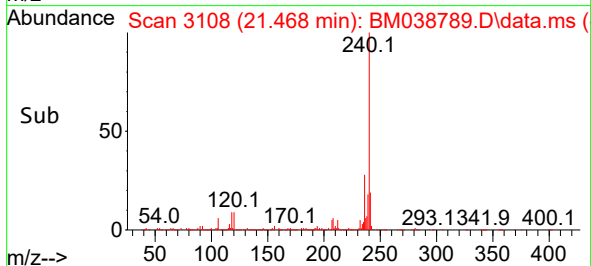
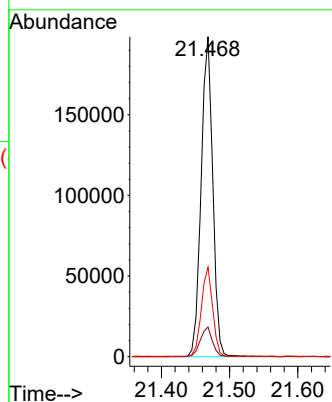
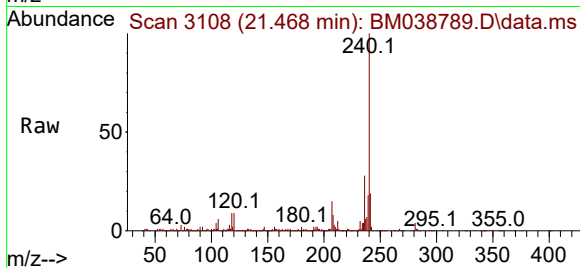
Tgt Ion:240 Resp: 235292

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.4

236 28.0 20.9 31.3



#77

Benzidine

Concen: 3.141 ng

RT: 19.557 min Scan# 2783

Delta R.T. 0.018 min

Lab File: BM038789.D

Acq: 20 Feb 2023 16:25

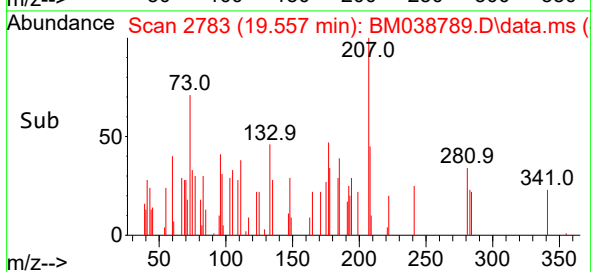
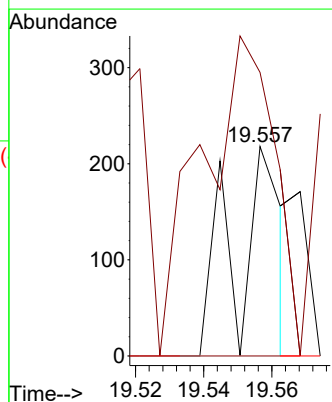
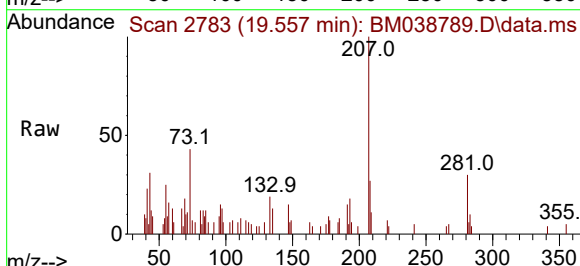
Tgt Ion:184 Resp: 204

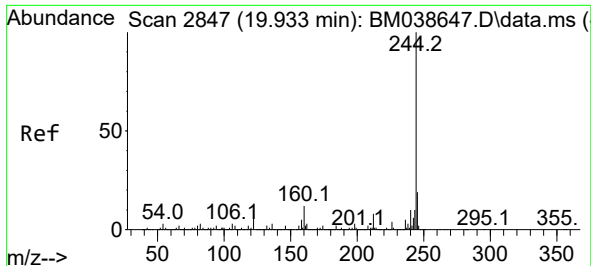
Ion Ratio Lower Upper

184 100

185 135.3 10.8 16.2#

183 0.0 8.8 13.2#

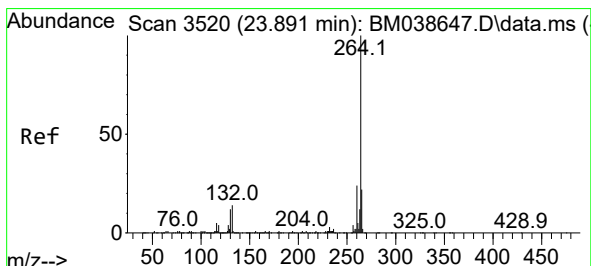
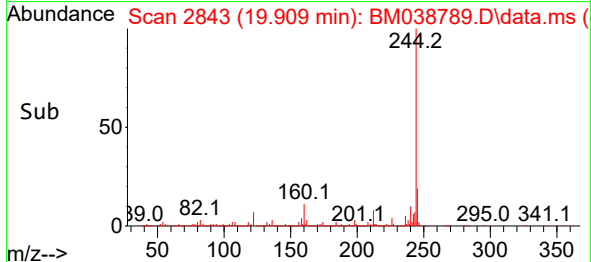
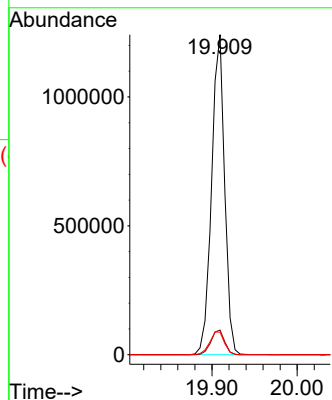
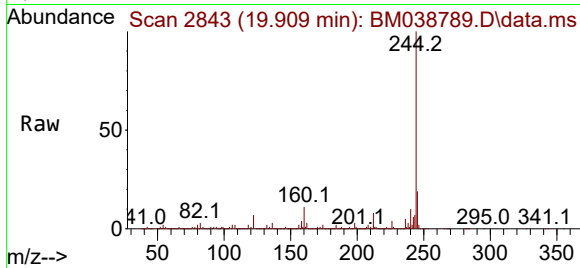




#79
 Terphenyl-d14
 Concen: 98.742 ng
 RT: 19.909 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038789.D
 Acq: 20 Feb 2023 16:25

Instrument :
 BNA_M
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 EB-2023-2-17

Tgt Ion:244 Resp: 1316570
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 7.0 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BM038789.D
 Acq: 20 Feb 2023 16:25

Tgt Ion:264 Resp: 297122
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 23.1 17.9 26.9

