

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038787.D
 Acq On : 20 Feb 2023 15:04
 Operator : CG/JU
 Sample : PB150932BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150932BL

Quant Time: Feb 21 02:07:37 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)

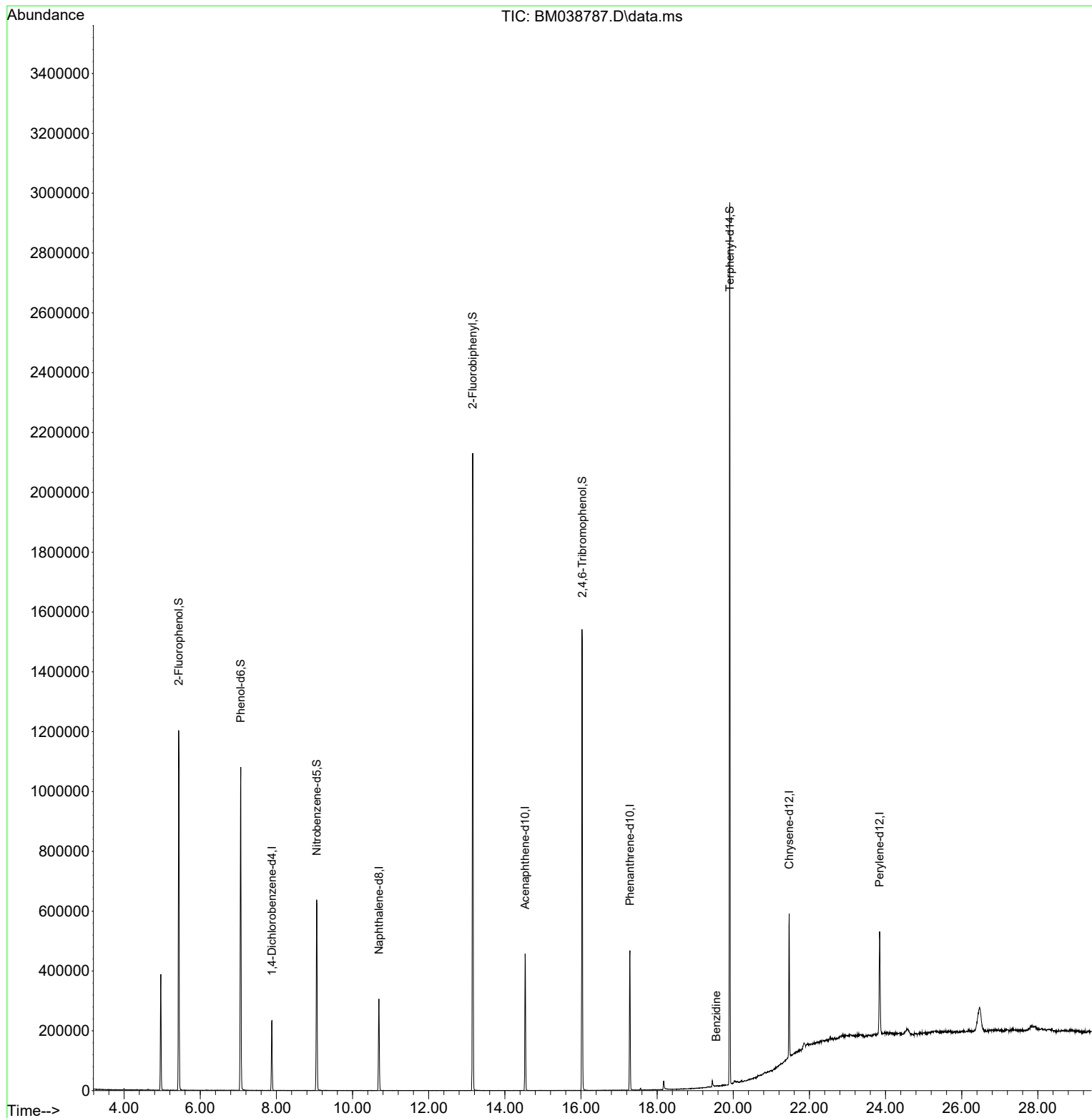
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	66914	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	248793	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	151016	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	267424	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	191217	20.000	ng	0.00
86) Perylene-d12	23.845	264	226312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	531256	155.525	ng	0.00
7) Phenol-d6	7.063	99	617280	158.443	ng	0.00
23) Nitrobenzene-d5	9.057	82	354147	80.853	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	263584	128.412	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1002163	84.485	ng	0.00
79) Terphenyl-d14	19.909	244	1230196	113.530	ng	0.00
Target Compounds						
77) Benzidine	19.557	184	967	3.271	ng	# 66

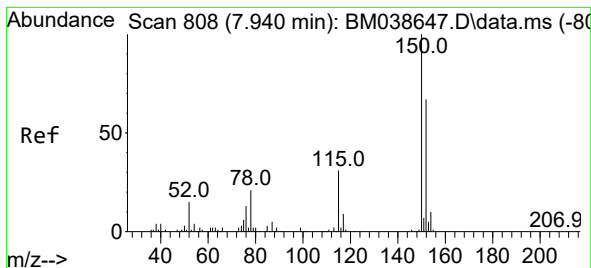
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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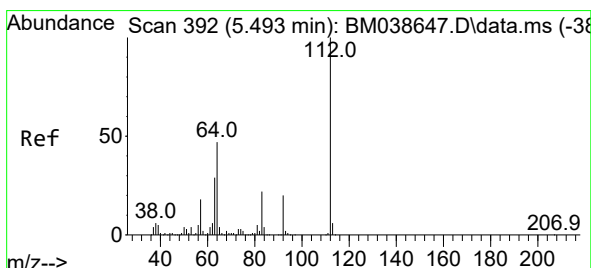
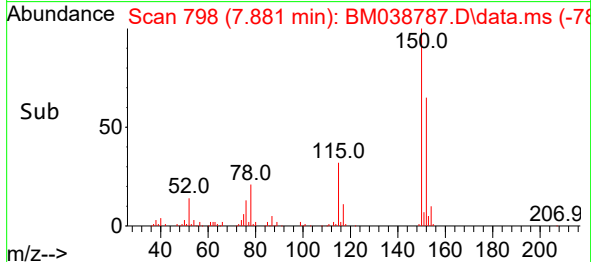
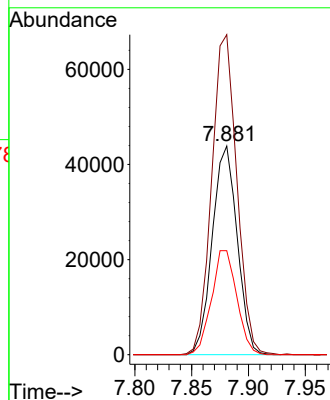
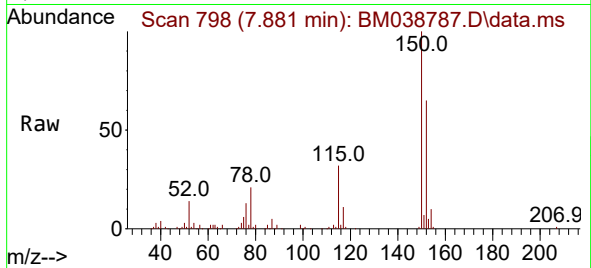




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

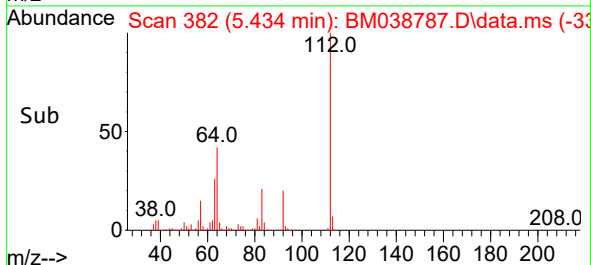
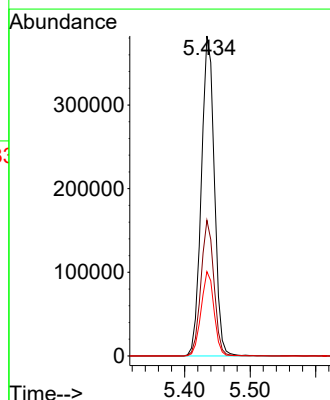
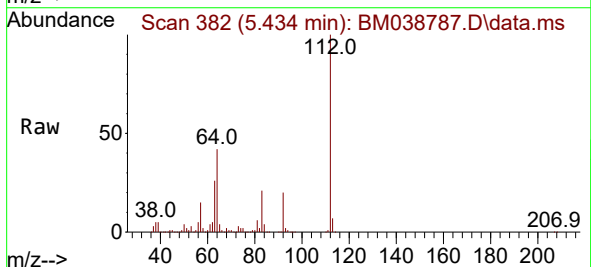
Instrument :
BNA_M
ClientSampleId :
PB150932BL

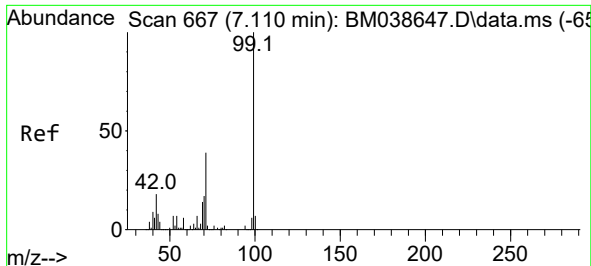
Tgt Ion:152 Resp: 66914
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 49.8 37.6 56.4



#5
2-Fluorophenol
Concen: 155.525 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

Tgt Ion:112 Resp: 531256
Ion Ratio Lower Upper
112 100
64 42.4 37.9 56.9
63 26.4 23.3 34.9

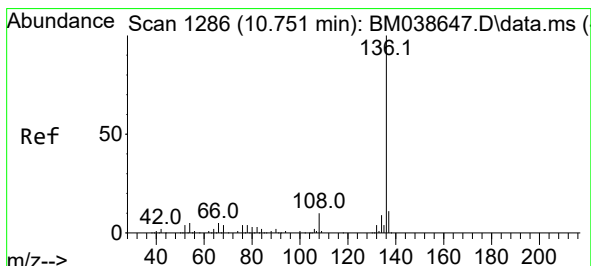
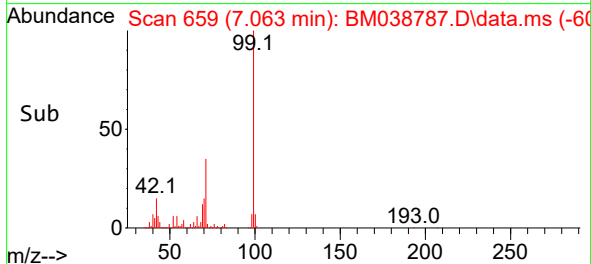
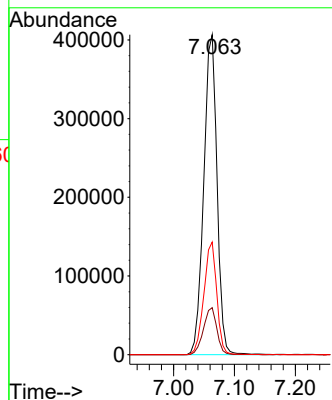
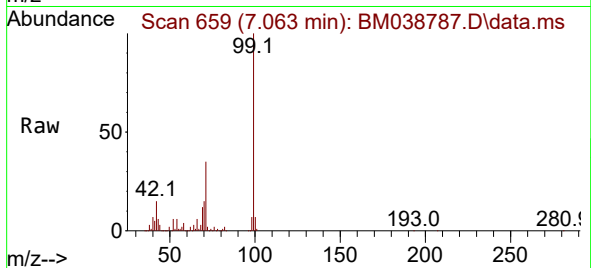




#7
Phenol-d6
Concen: 158.443 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

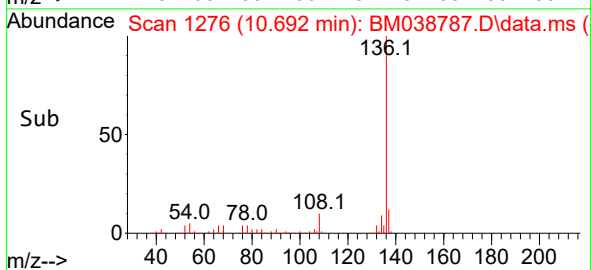
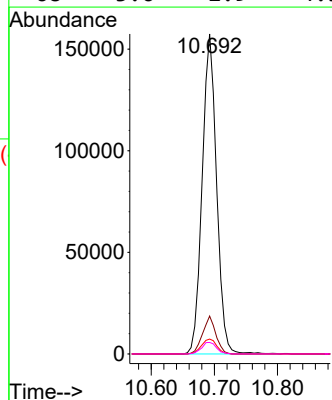
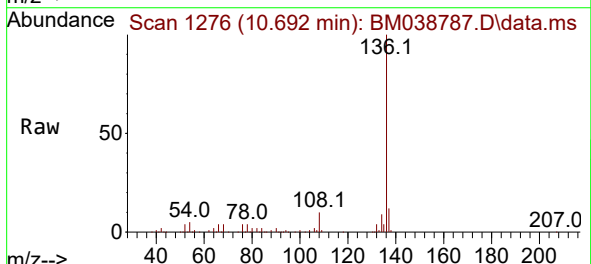
Instrument :
BNA_M
ClientSampleId :
PB150932BL

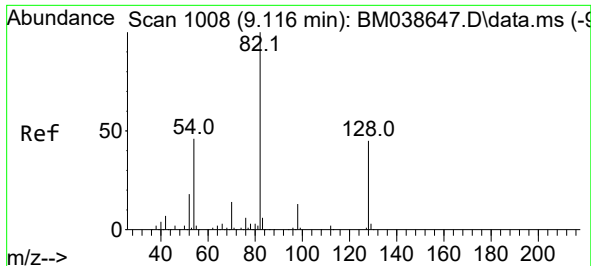
Tgt Ion: 99 Resp: 617280
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 35.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

Tgt Ion: 136 Resp: 248793
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 4.6 4.2 6.4
68 3.6 2.9 4.3

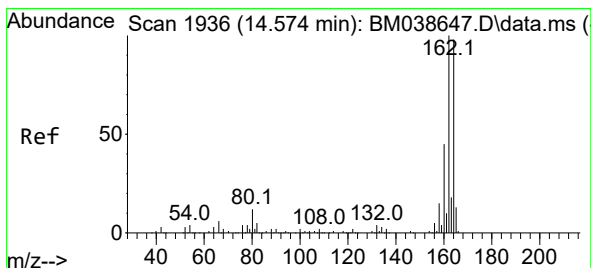
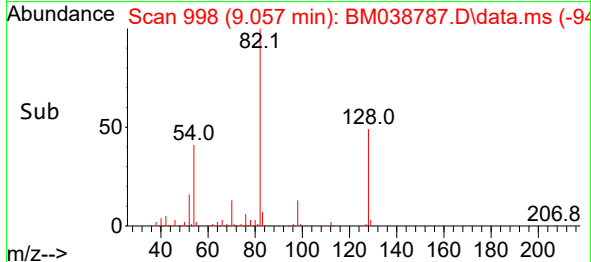
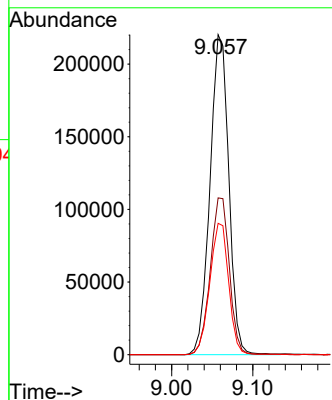
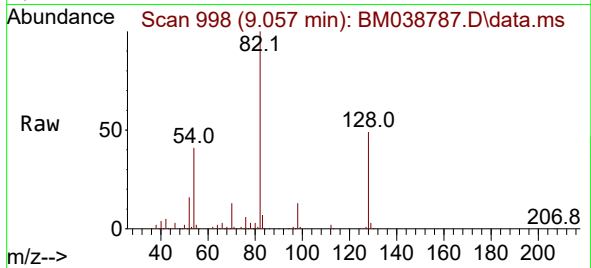




#23
Nitrobenzene-d5
Concen: 80.853 ng
RT: 9.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

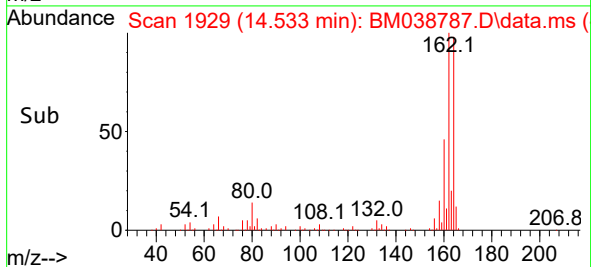
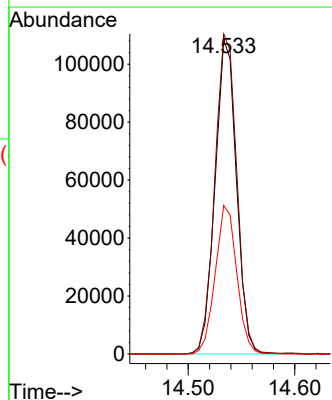
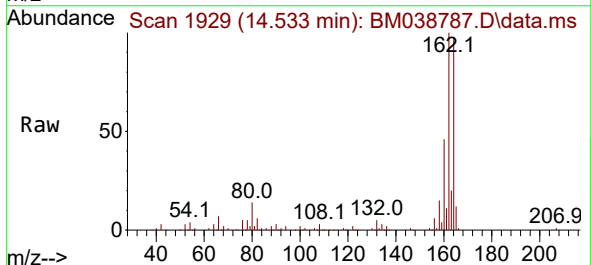
Instrument :
BNA_M
ClientSampleId :
PB150932BL

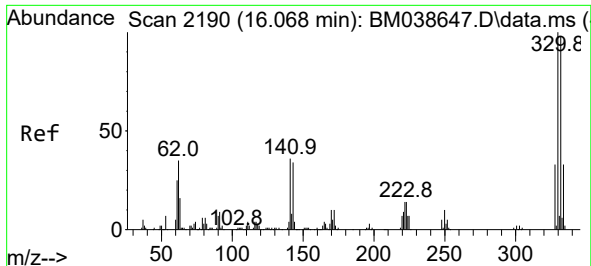
Tgt Ion: 82 Resp: 354147
Ion Ratio Lower Upper
82 100
128 49.0 36.0 54.0
54 41.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

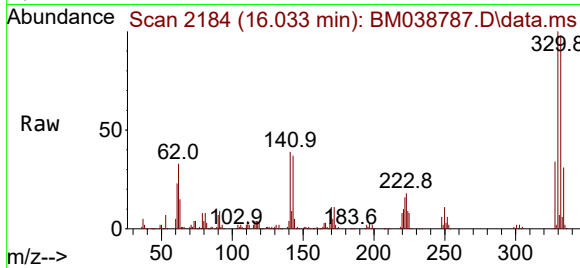
Tgt Ion: 164 Resp: 151016
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 47.2 36.5 54.7



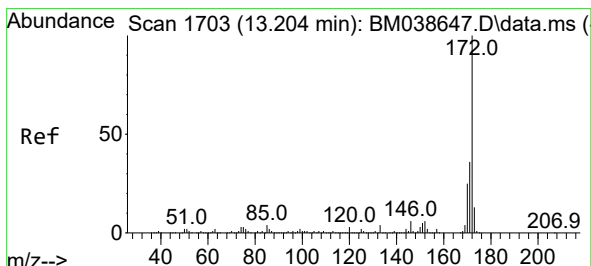
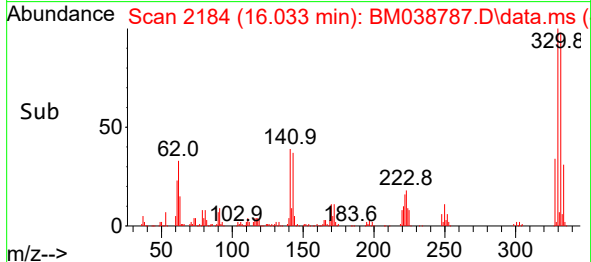
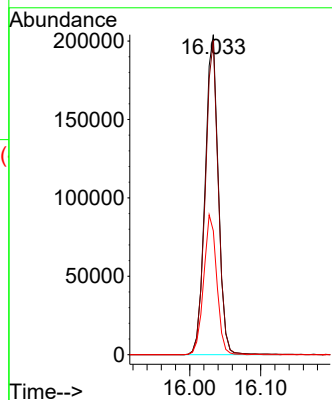


#42
2,4,6-Tribromophenol
Concen: 128.412 ng
RT: 16.033 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

Instrument :
BNA_M
ClientSampleId :
PB150932BL

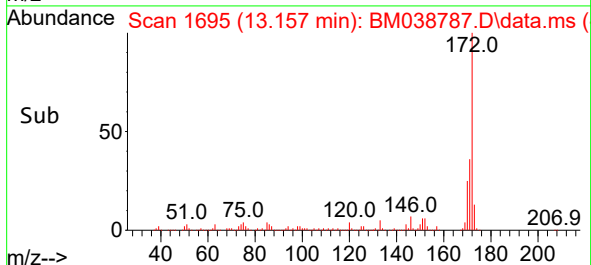
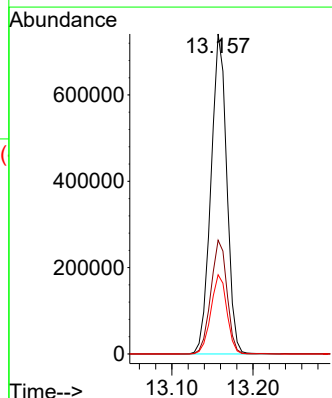
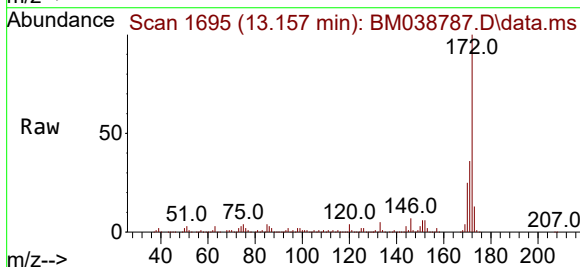


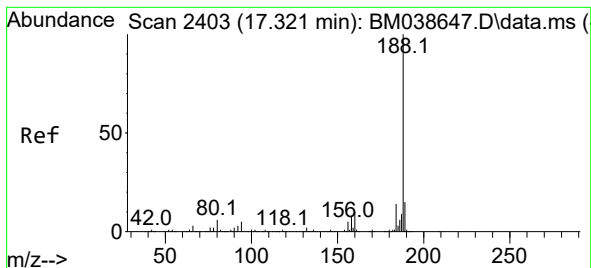
Tgt Ion:330 Resp: 263584
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 43.4 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 84.485 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

Tgt Ion:172 Resp: 1002163
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.8 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038787.D

Acq: 20 Feb 2023 15:04

Instrument :

BNA_M

ClientSampleId :

PB150932BL

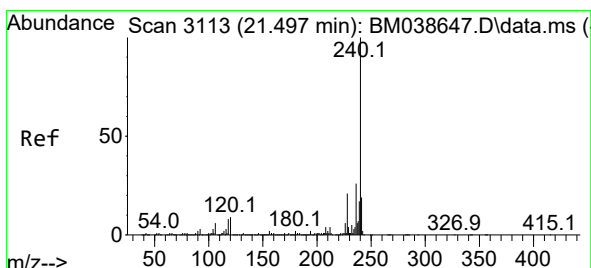
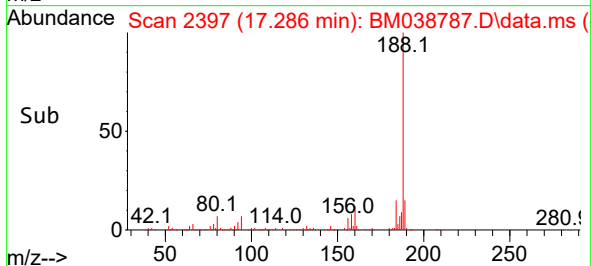
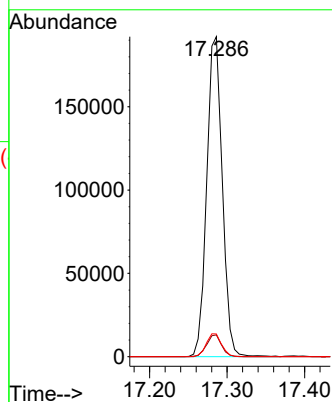
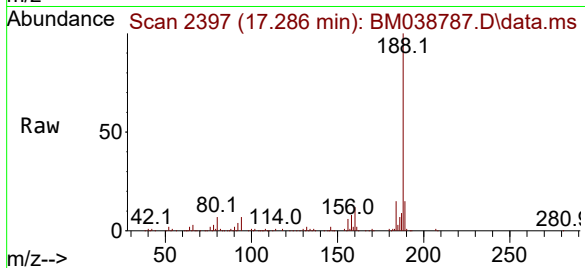
Tgt Ion:188 Resp: 267424

Ion Ratio Lower Upper

188 100

94 6.8 4.2 6.4#

80 7.1 4.6 7.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM038787.D

Acq: 20 Feb 2023 15:04

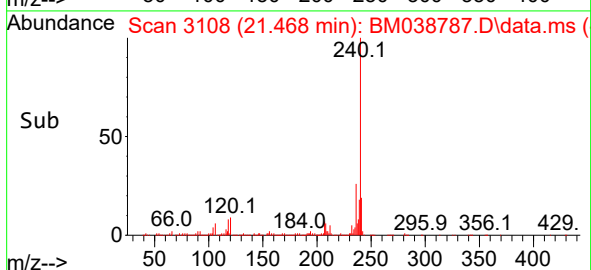
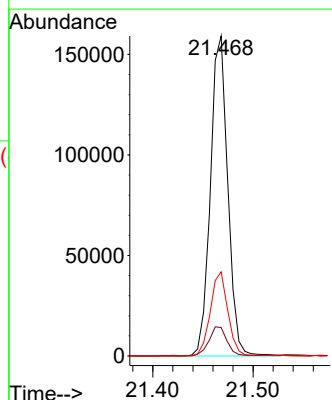
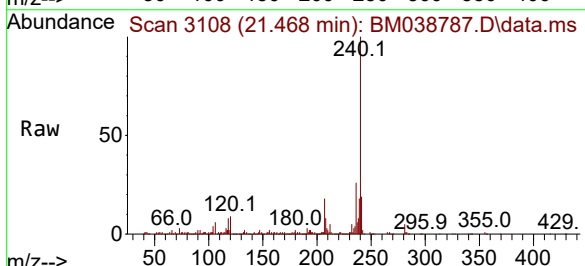
Tgt Ion:240 Resp: 191217

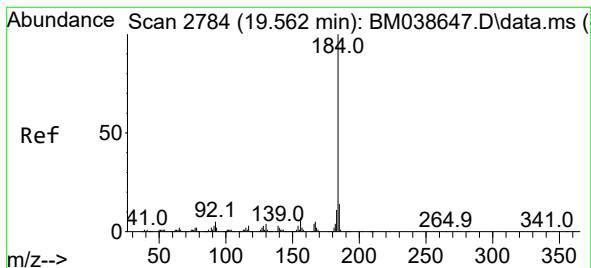
Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 26.3 20.9 31.3





#77

Benzidine

Concen: 3.271 ng

RT: 19.557 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM038787.D

Acq: 20 Feb 2023 15:04

Instrument :

BNA_M

ClientSampleId :

PB150932BL

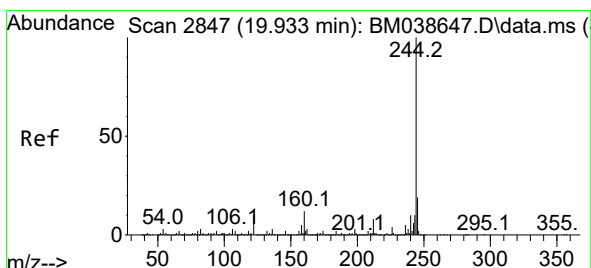
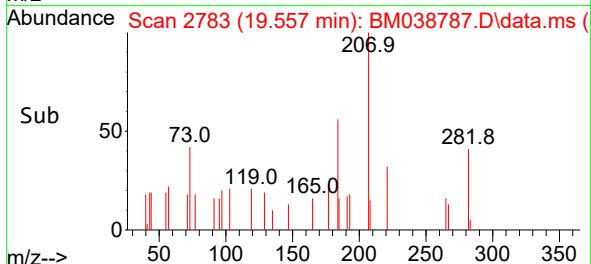
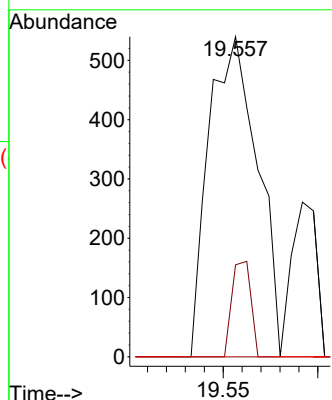
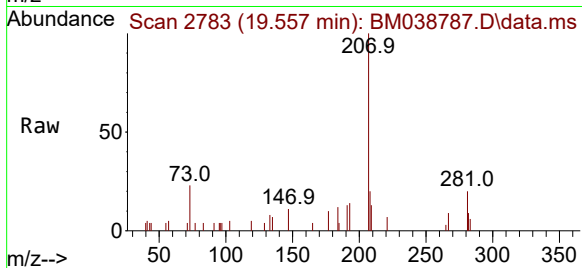
Tgt Ion:184 Resp: 967

Ion Ratio Lower Upper

184 100

185 28.7 10.8 16.2#

183 0.0 8.8 13.2#



#79

Terphenyl-d14

Concen: 113.530 ng

RT: 19.909 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BM038787.D

Acq: 20 Feb 2023 15:04

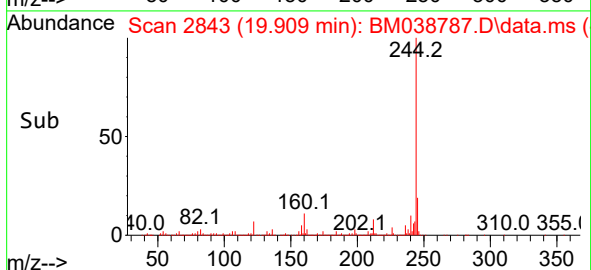
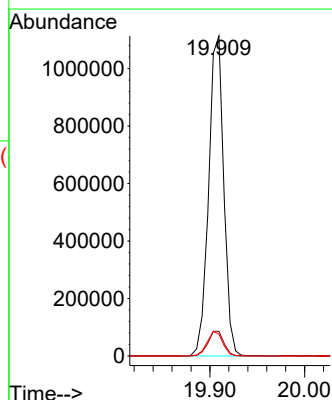
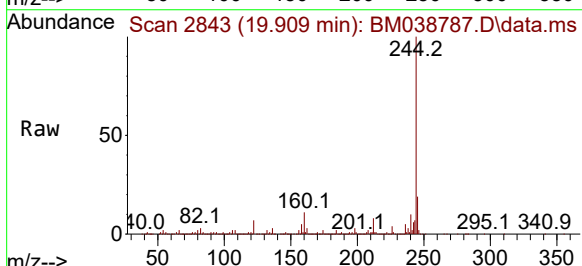
Tgt Ion:244 Resp: 1230196

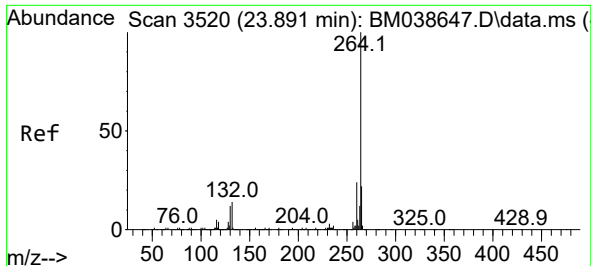
Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

122 6.8 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038787.D
Acq: 20 Feb 2023 15:04

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 226312

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.2	17.9	26.9

