

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038774.D
 Acq On : 17 Feb 2023 11:57
 Operator : CG/JU
 Sample : PB150858BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150858BL

Quant Time: Feb 17 12:44:23 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)

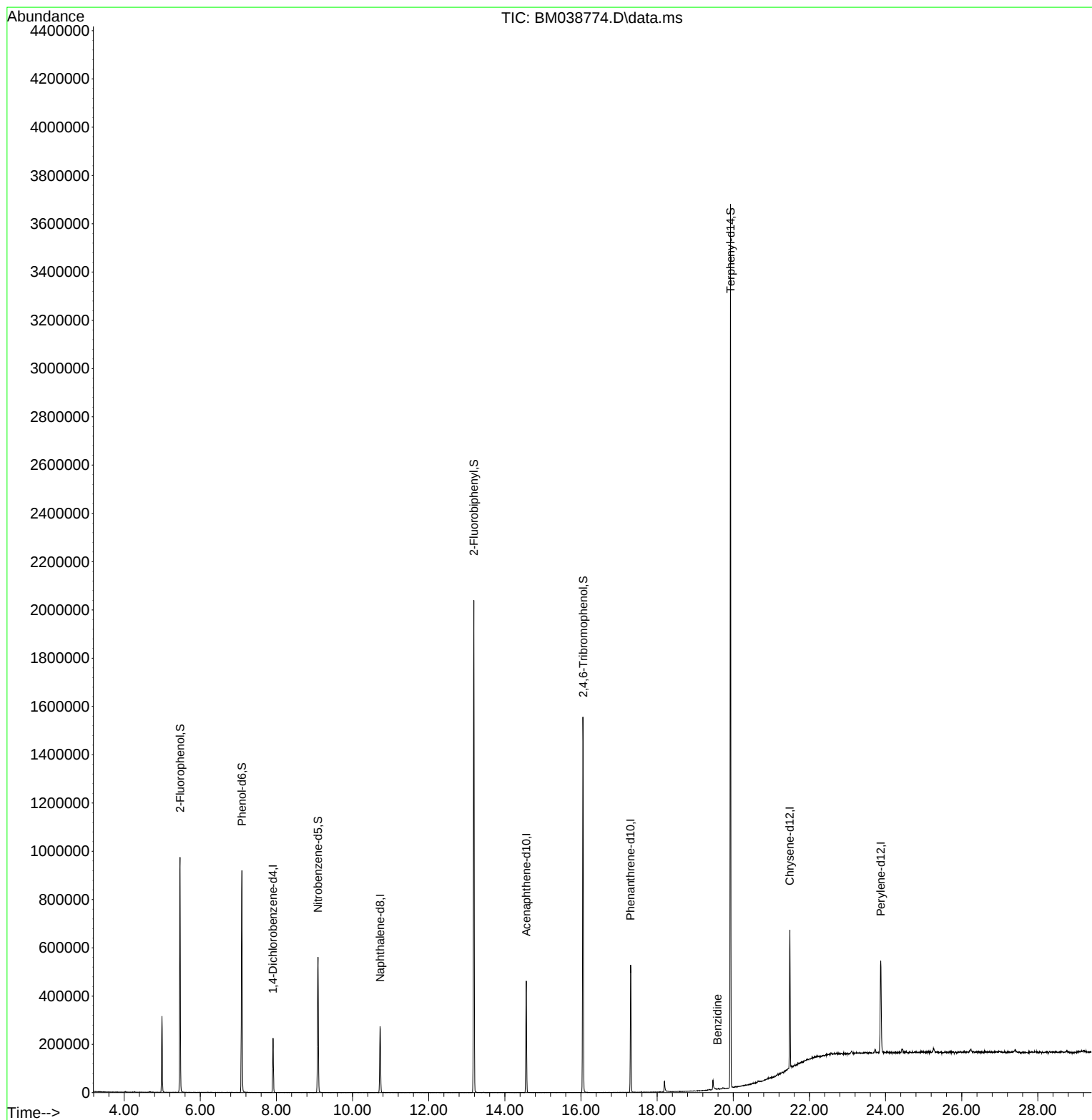
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	63504	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	229769	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	153511	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	297795	20.000	ng	# 0.00
76) Chrysene-d12	21.486	240	233138	20.000	ng	0.00
86) Perylene-d12	23.874	264	266058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	443254	136.731	ng	0.00
7) Phenol-d6	7.092	99	527861	142.767	ng	0.00
23) Nitrobenzene-d5	9.092	82	304558	75.289	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	271872	130.297	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	959500	79.573	ng	0.00
79) Terphenyl-d14	19.927	244	1413521	106.992	ng	0.00
Target Compounds						
77) Benzidine	19.586	184	64	3.122	ng	# 68

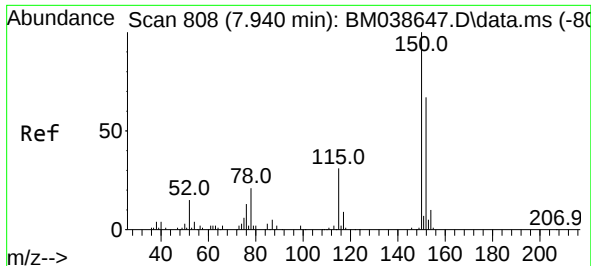
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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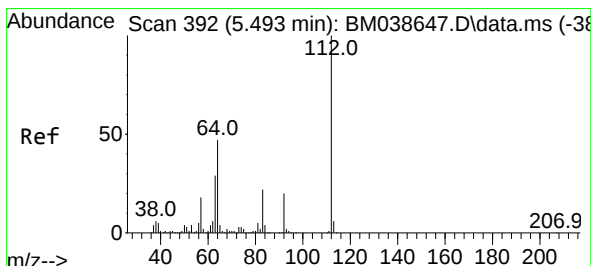
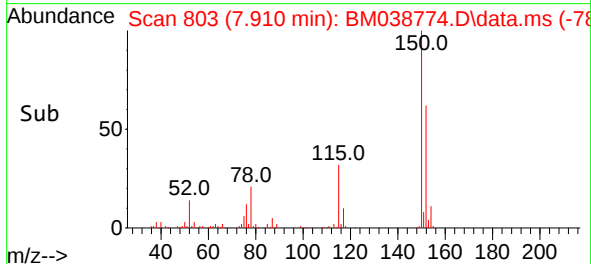
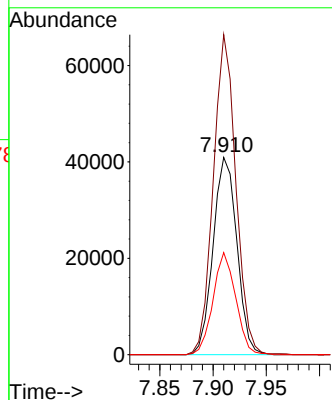
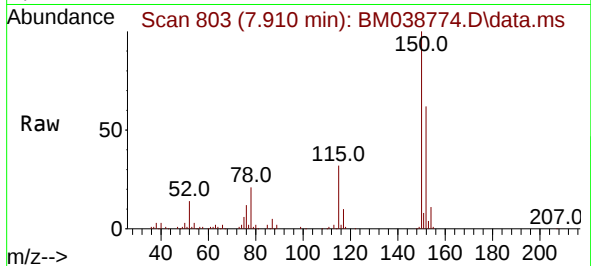




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

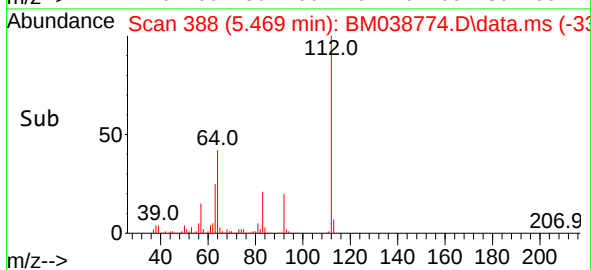
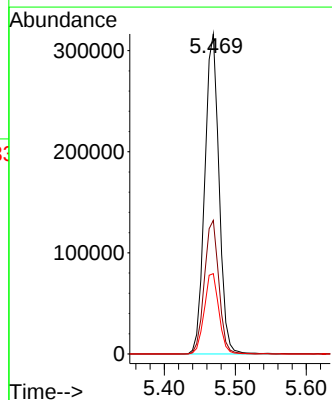
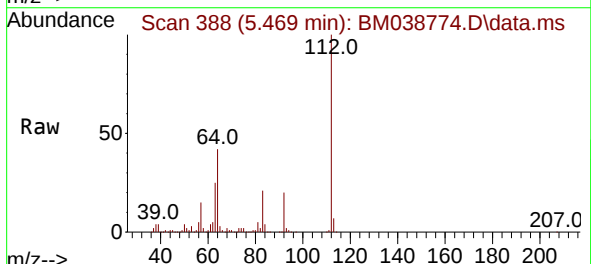
Instrument :
BNA_M
ClientSampleId :
PB150858BL

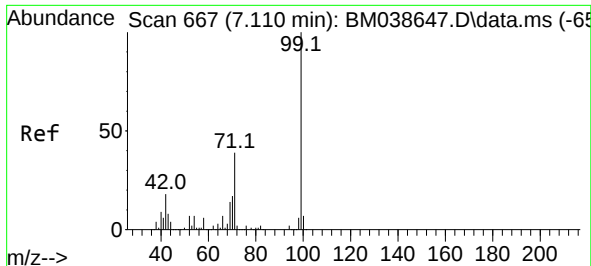
Tgt Ion:152 Resp: 63504
Ion Ratio Lower Upper
152 100
150 162.2 119.5 179.3
115 51.7 37.6 56.4



#5
2-Fluorophenol
Concen: 136.731 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

Tgt Ion:112 Resp: 443254
Ion Ratio Lower Upper
112 100
64 41.7 37.9 56.9
63 25.1 23.3 34.9

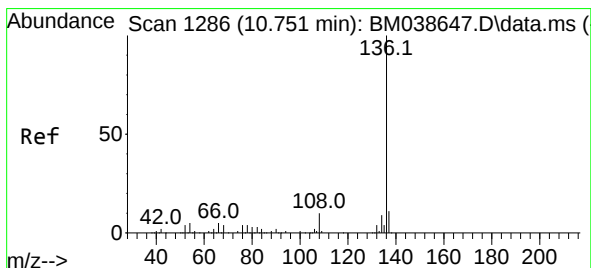
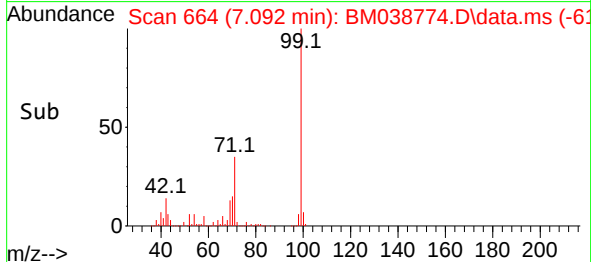
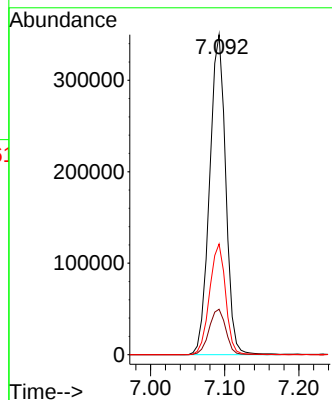
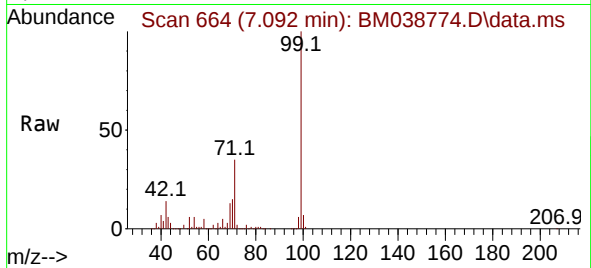




#7
Phenol-d6
Concen: 142.767 ng
RT: 7.092 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

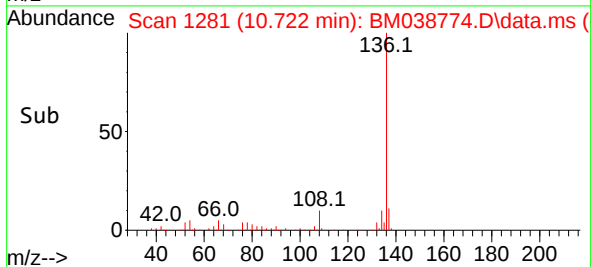
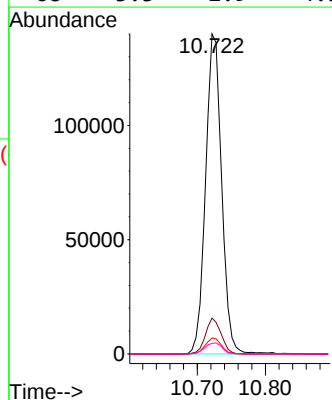
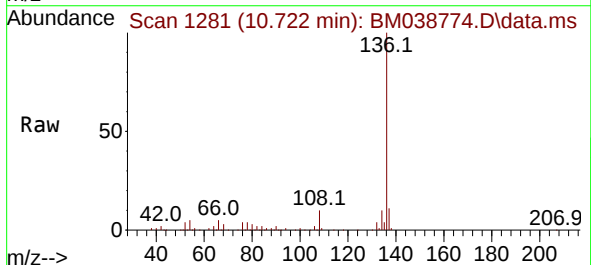
Instrument :
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ClientSampleId :
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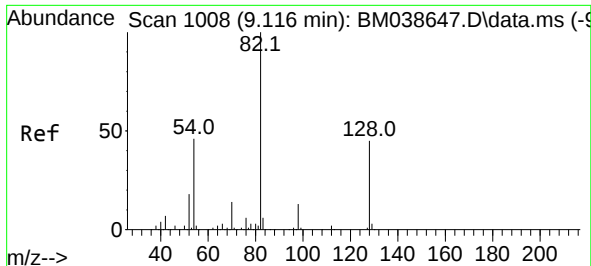
Tgt Ion: 99 Resp: 527861
Ion Ratio Lower Upper
99 100
42 14.2 14.6 22.0#
71 34.6 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

Tgt Ion: 136 Resp: 229769
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.0 4.2 6.4
68 3.3 2.9 4.3

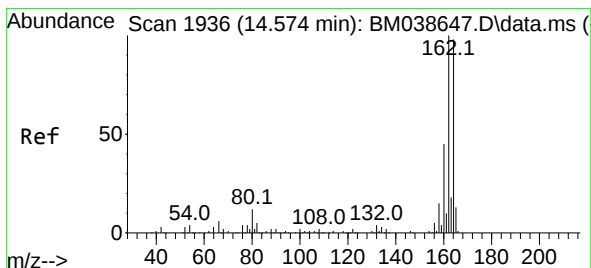
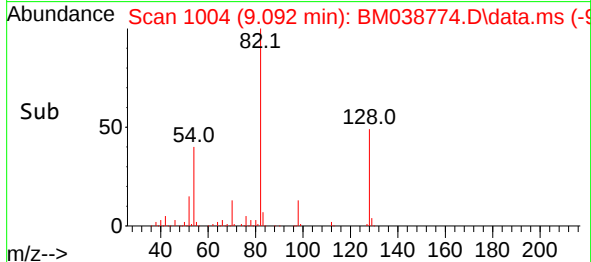
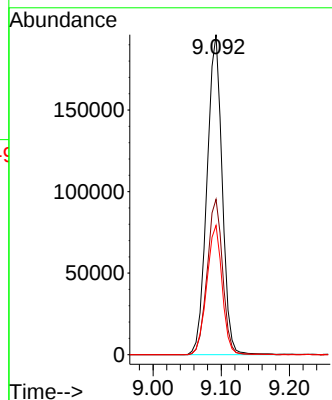
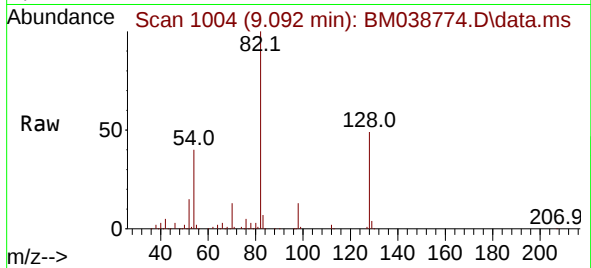




#23
Nitrobenzene-d5
Concen: 75.289 ng
RT: 9.092 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

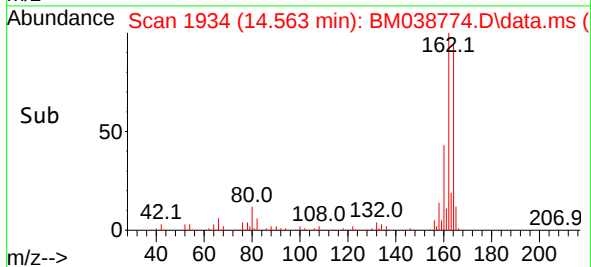
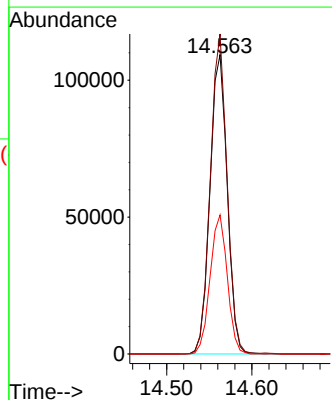
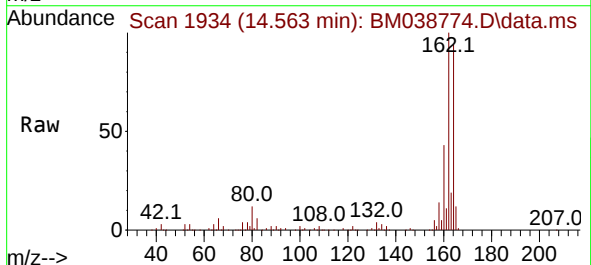
Instrument :
BNA_M
ClientSampleId :
PB150858BL

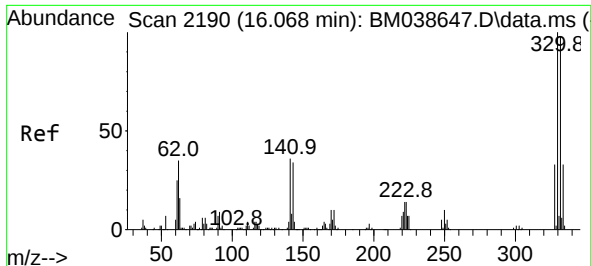
Tgt Ion: 82 Resp: 304558
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 40.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

Tgt Ion:164 Resp: 153511
Ion Ratio Lower Upper
164 100
162 106.9 81.4 122.0
160 46.5 36.5 54.7

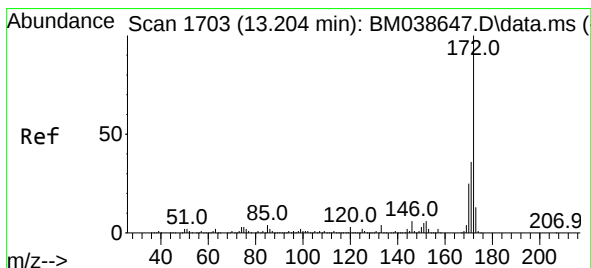
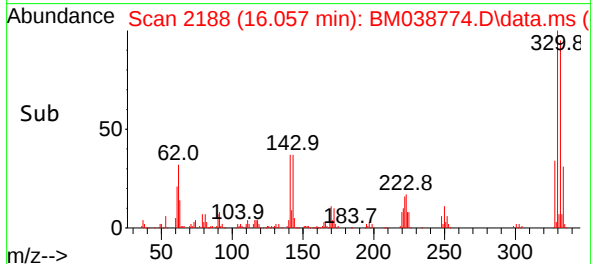
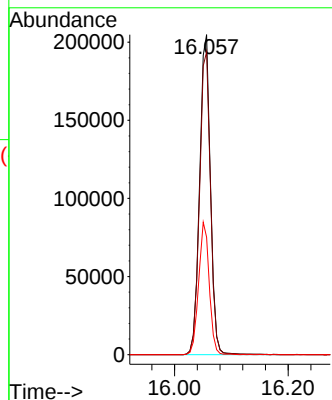
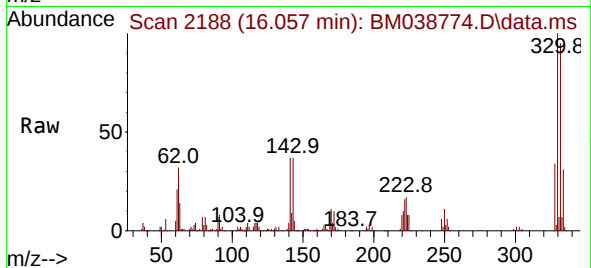




#42
2,4,6-Tribromophenol
Concen: 130.297 ng
RT: 16.057 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

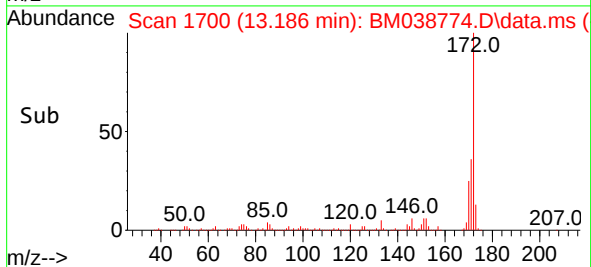
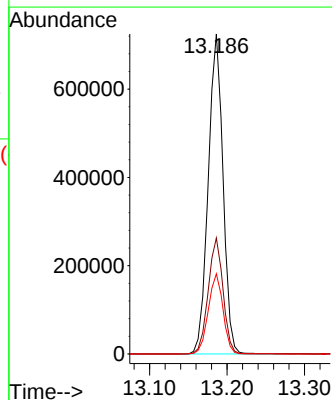
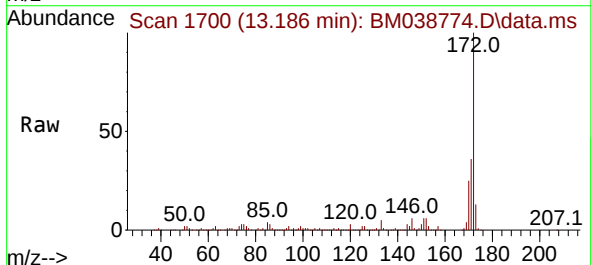
Instrument :
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ClientSampleId :
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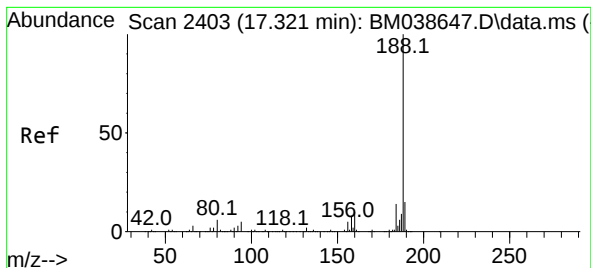
Tgt Ion:330 Resp: 271872
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.6
141 40.6 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 79.573 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

Tgt Ion:172 Resp: 959500
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM038774.D

Acq: 17 Feb 2023 11:57

Instrument :

BNA_M

ClientSampleId :

PB150858BL

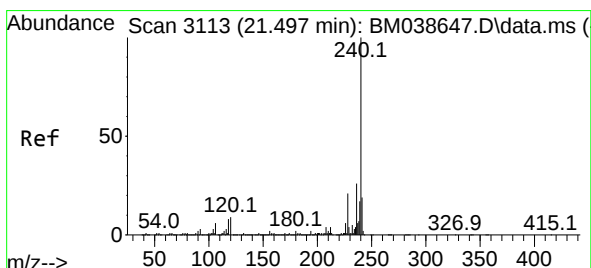
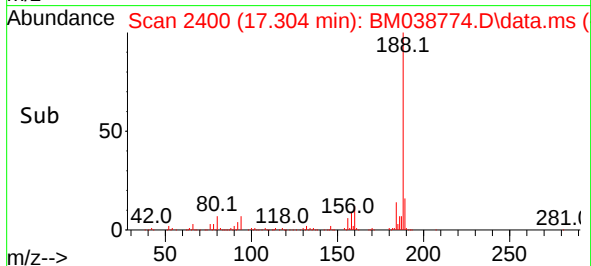
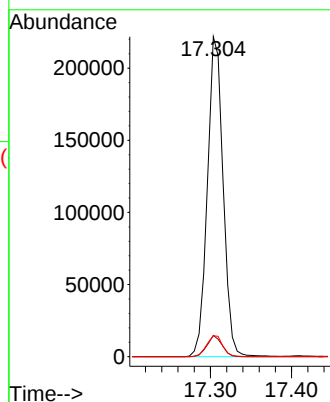
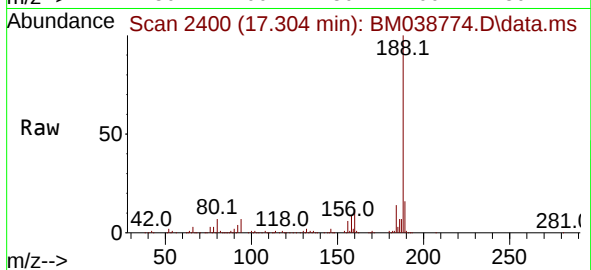
Tgt Ion:188 Resp: 297795

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 6.6 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM038774.D

Acq: 17 Feb 2023 11:57

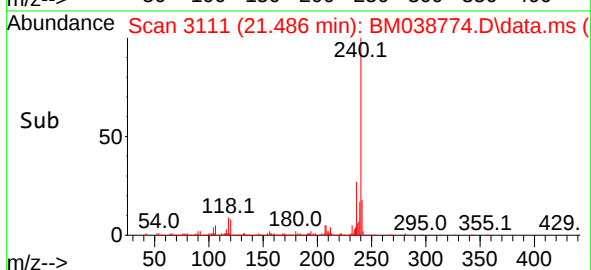
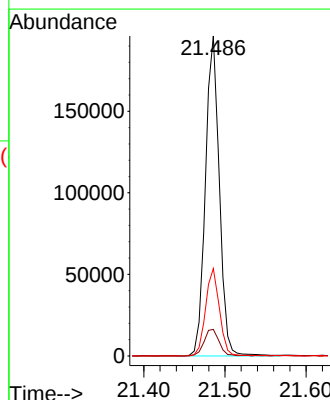
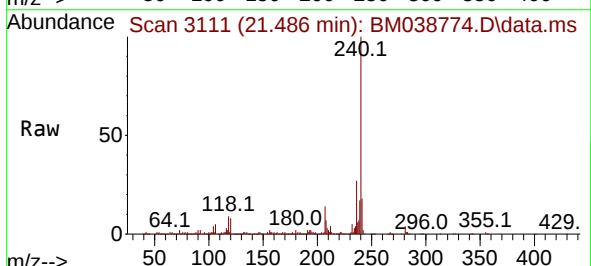
Tgt Ion:240 Resp: 233138

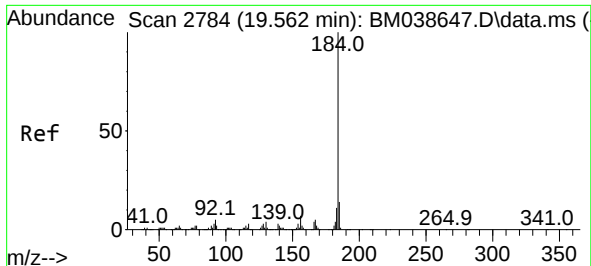
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.4

236 27.3 20.9 31.3

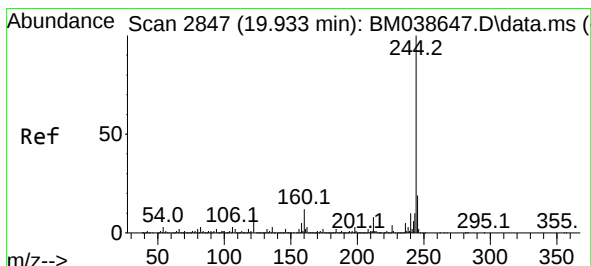
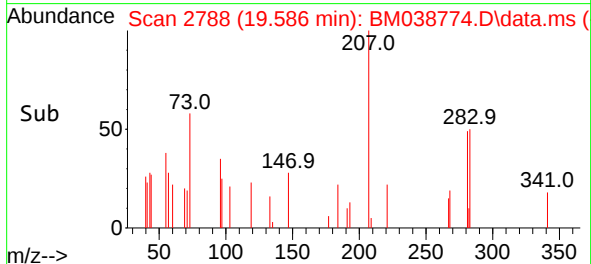
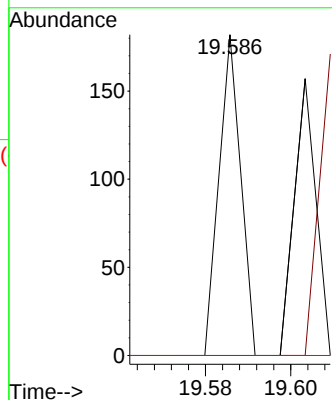
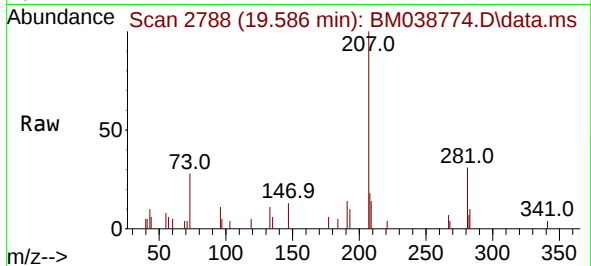




#77
Benzidine
Concen: 3.122 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.035 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

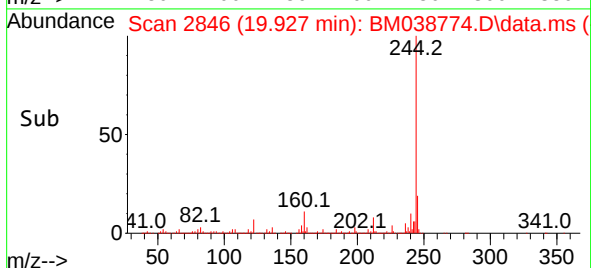
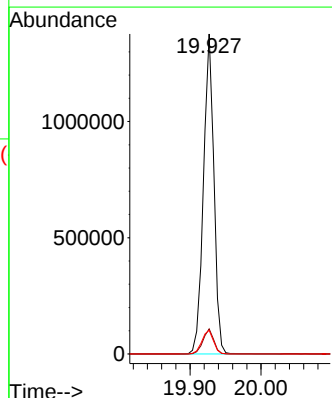
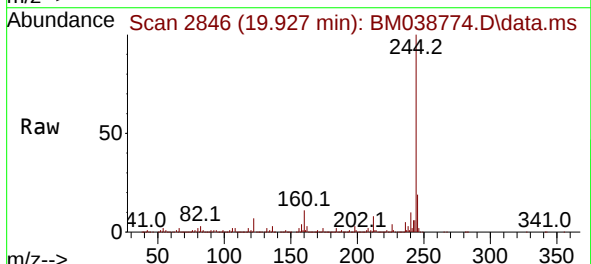
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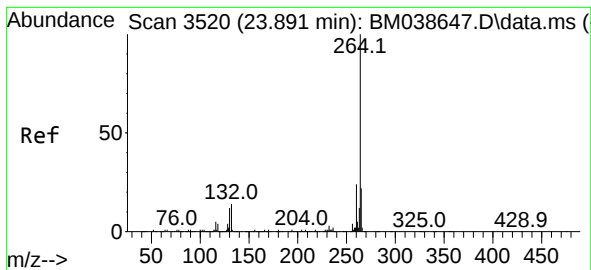
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 106.992 ng
RT: 19.927 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BM038774.D
Acq: 17 Feb 2023 11:57

Tgt Ion:244 Resp: 1413521
Ion Ratio Lower Upper
244 100
212 7.8 6.6 9.8
122 7.4 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.874 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM038774.D
 Acq: 17 Feb 2023 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB150858BL

Tgt Ion:264 Resp: 266058
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.3 17.9 26.9

