

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030386.D
 Acq On : 11 Jun 2021 01:21
 Operator : CG/JU
 Sample : PB136995BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB136995BL

Quant Time: Jun 11 07:54:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 08 20:51:08 2021
 Response via : Initial Calibration

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

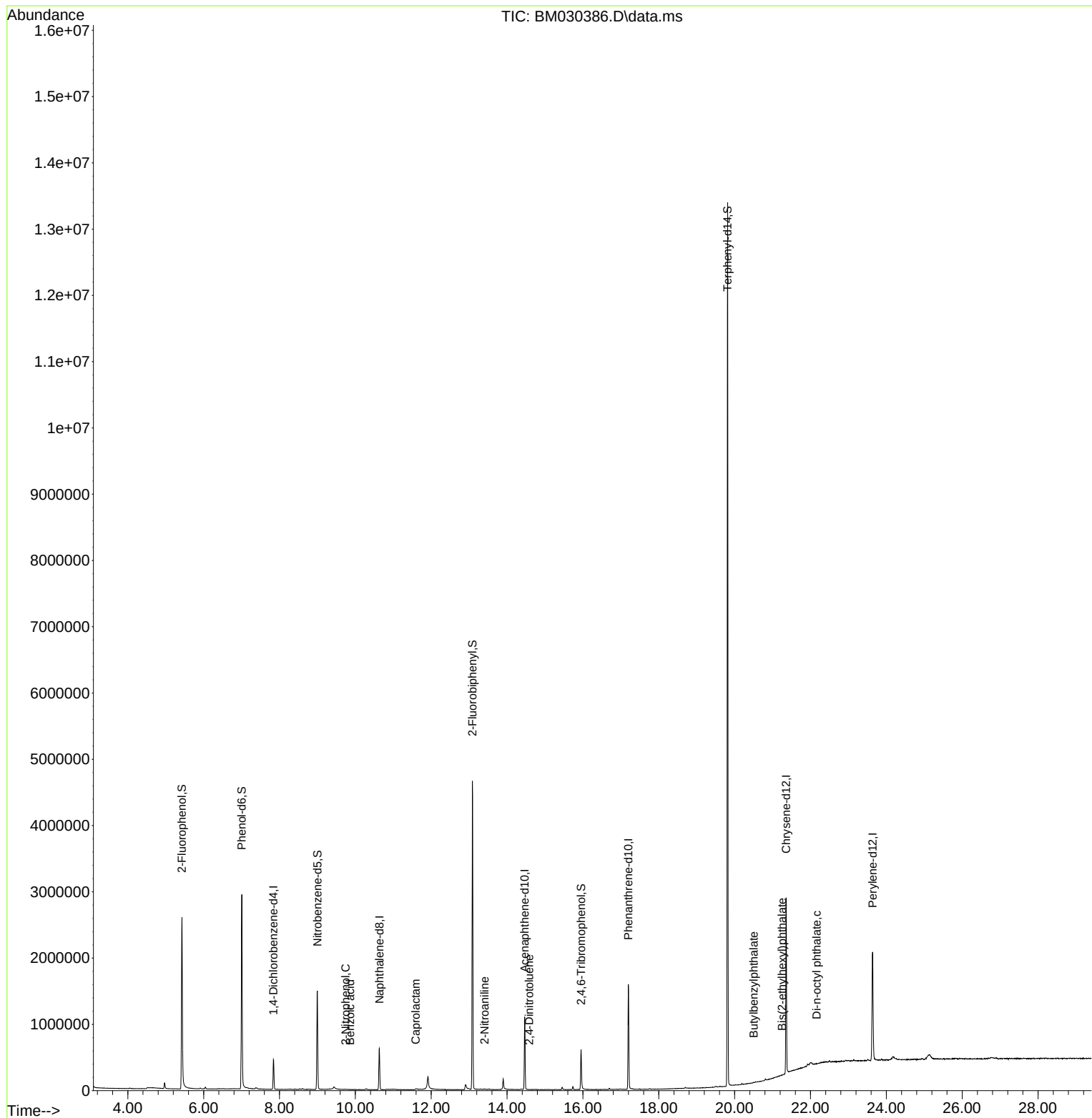
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	129317	20.00	ng	-0.01
21) Naphthalene-d8	10.633	136	533366	20.00	ng	0.00
39) Acenaphthene-d10	14.462	164	391250	20.00	ng	-0.01
64) Phenanthrene-d10	17.198	188	1012925	20.00	ng	-0.01
76) Chrysene-d12	21.356	240	1280046	20.00	ng	-0.01
86) Perylene-d12	23.638	264	1240597	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1303127	163.82	ng	0.00
7) Phenol-d6	7.004	99	1679231	145.82	ng	0.00
23) Nitrobenzene-d5	8.998	82	869550	79.42	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	125312	25.47	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2447580	82.27	ng	-0.01
79) Terphenyl-d14	19.815	244	5853605	80.32	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.745	139	1096	3.44	ng	94
32) Benzoic acid	9.863	122	54	5.00	ng	# 1
35) Caprolactam	11.592	113	5386	7.48	ng	# 3
48) 2-Nitroaniline	13.410	65	152	4.04	ng	# 1
57) 2,4-Dinitrotoluene	14.580	165	128	3.01	ng	# 24
80) Butylbenzylphthalate	20.503	149	299	4.31	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.250	149	511	4.28	ng	# 50
85) Di-n-octyl phthalate	22.162	149	695	4.17	ng	# 5

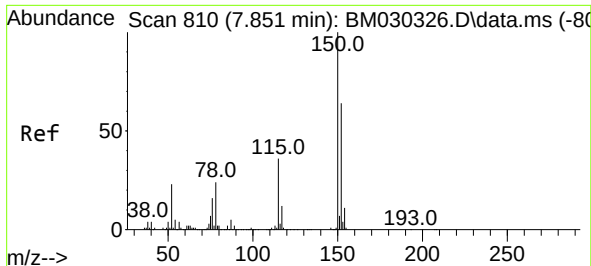
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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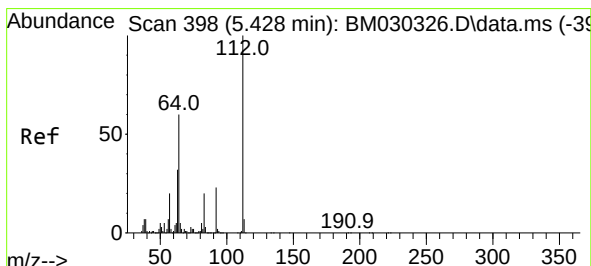
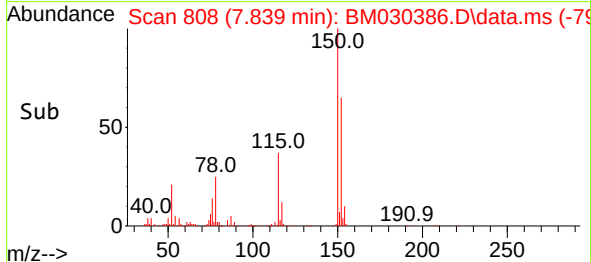
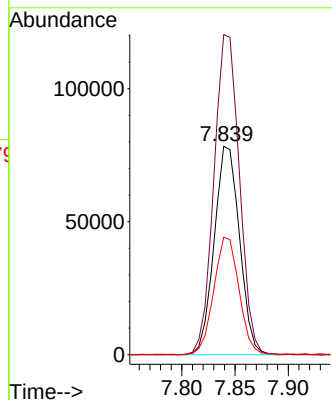
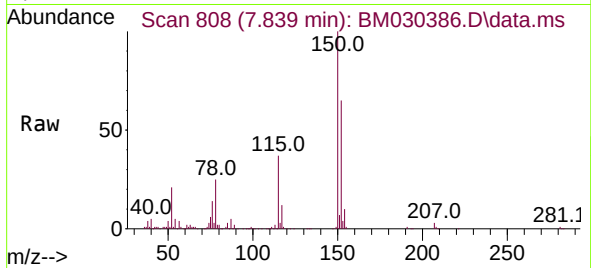




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

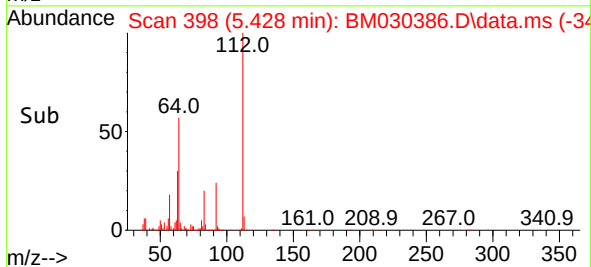
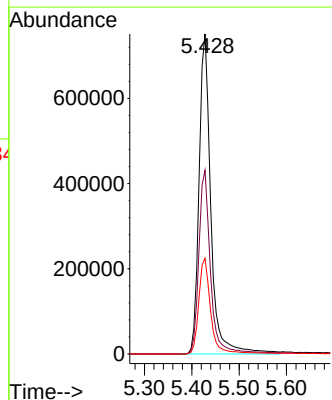
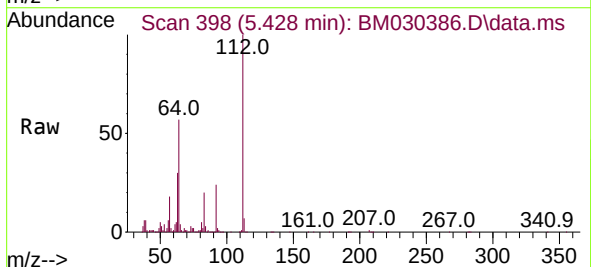
Instrument :
BNA_M
ClientSampleId :
PB136995BL

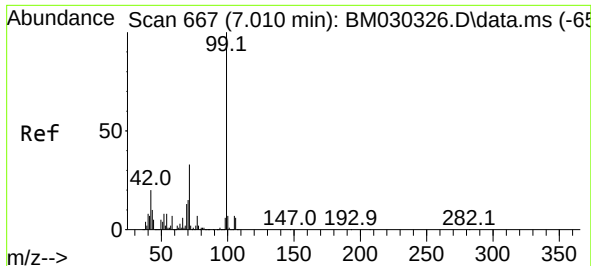
Tgt Ion:152 Resp: 129317
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 56.4 44.6 67.0



#5
2-Fluorophenol
Concen: 163.82 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion:112 Resp: 1303127
Ion Ratio Lower Upper
112 100
64 57.4 47.1 70.7
63 29.9 27.3 40.9



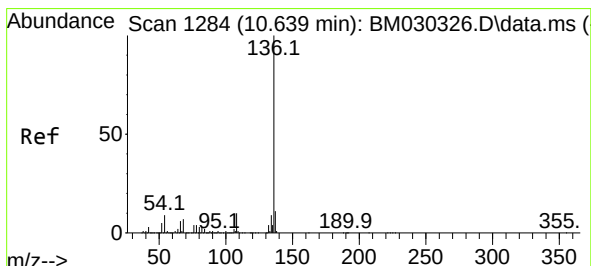
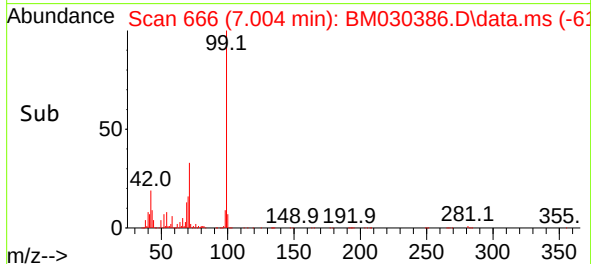
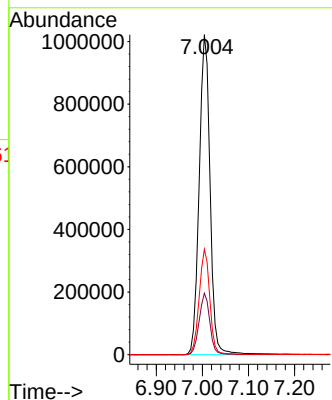
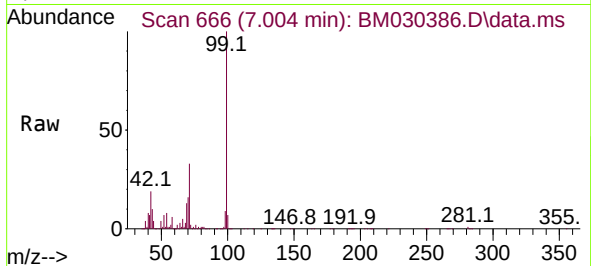


#7
Phenol-d6
Concen: 145.82 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Instrument :
BNA_M
ClientSampleId :
PB136995BL

Tgt Ion: 99 Resp: 1679231

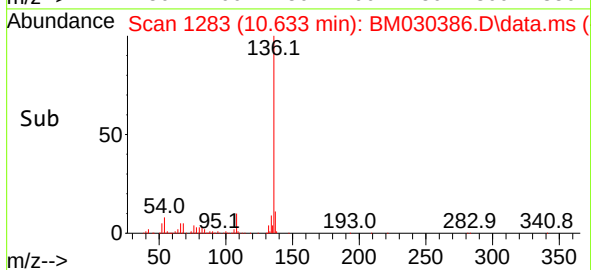
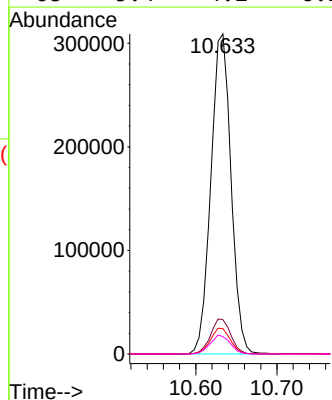
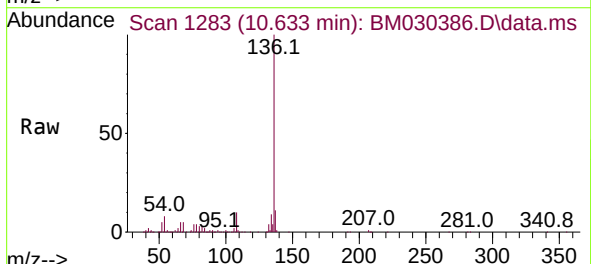
Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.0	27.0
71	32.9	30.9	46.3

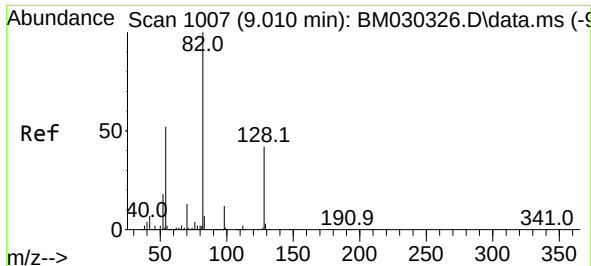


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion: 136 Resp: 533366

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.9	5.5	8.3
68	5.4	4.2	6.2

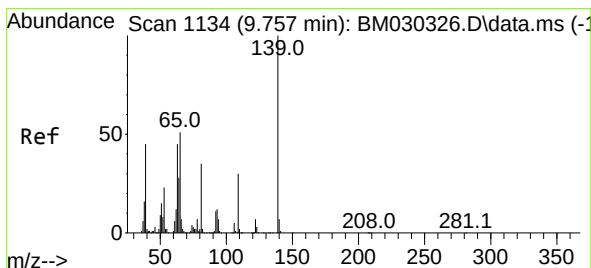
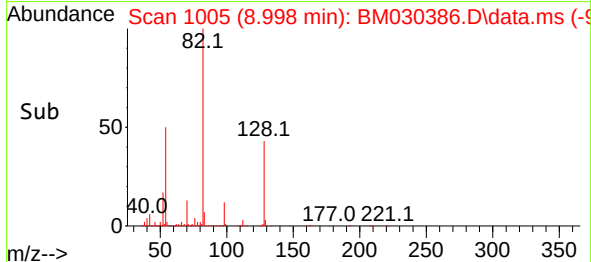
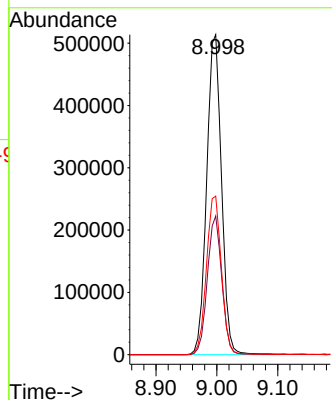
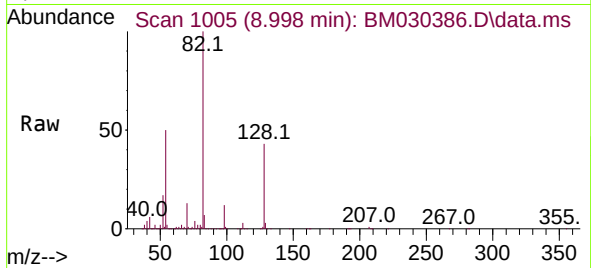




#23
Nitrobenzene-d5
Concen: 79.42 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

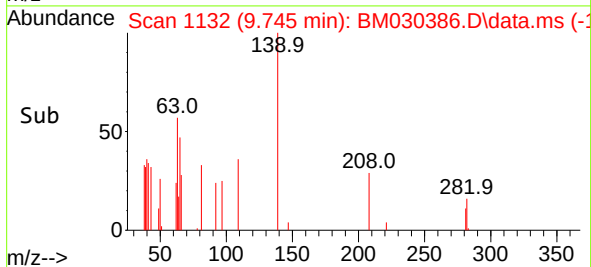
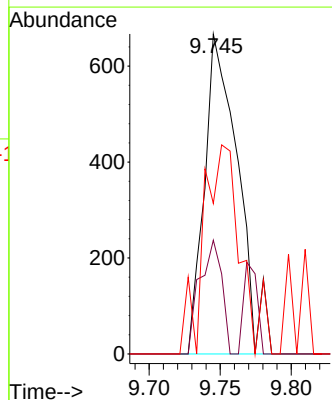
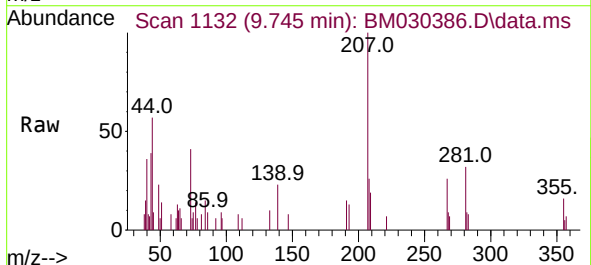
Instrument :
BNA_M
ClientSampleId :
PB136995BL

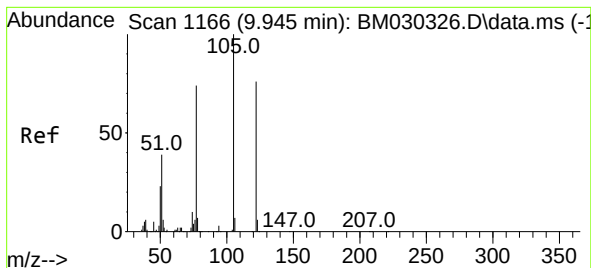
Tgt Ion: 82 Resp: 869550
Ion Ratio Lower Upper
82 100
128 43.3 31.1 46.7
54 49.6 37.3 55.9



#26
2-Nitrophenol
Concen: 3.44 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.012 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion: 139 Resp: 1096
Ion Ratio Lower Upper
139 100
109 35.5 26.7 40.1
65 47.1 41.9 62.9





#32

Benzoic acid

Concen: 5.00 ng

RT: 9.863 min Scan# 1152

Delta R.T. -0.082 min

Lab File: BM030386.D

Acq: 11 Jun 2021 01:21

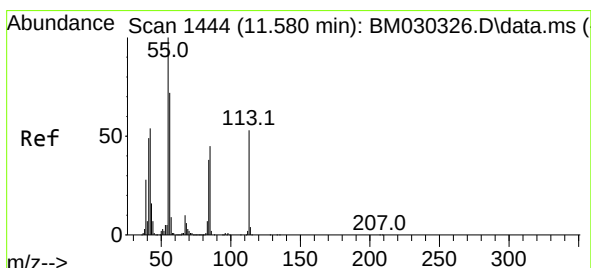
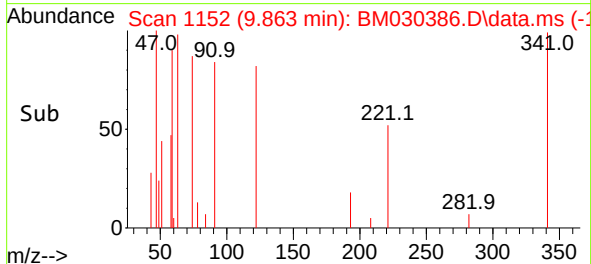
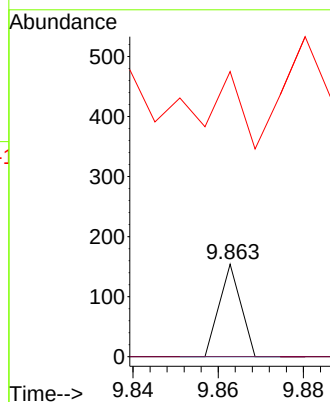
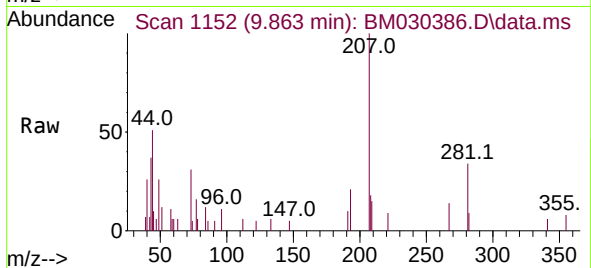
Instrument :

BNA_M

ClientSampleId :

PB136995BL

Tgt Ion:122 Resp: 54
 Ion Ratio Lower Upper
 122 100
 105 0.0 107.3 147.3#
 77 308.4 88.0 128.0#



#35

Caprolactam

Concen: 7.48 ng

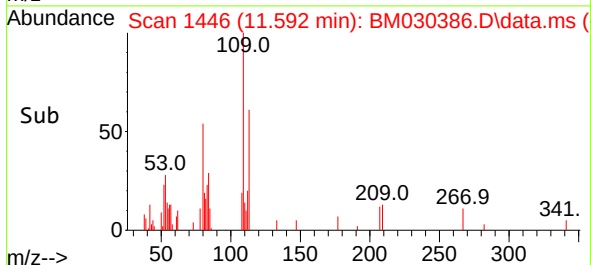
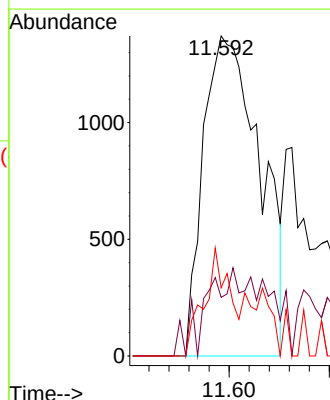
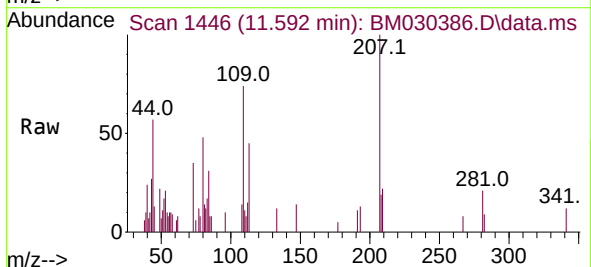
RT: 11.592 min Scan# 1446

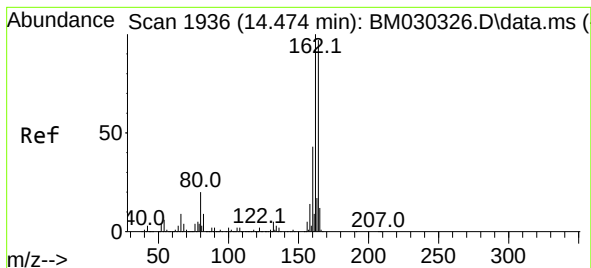
Delta R.T. 0.012 min

Lab File: BM030386.D

Acq: 11 Jun 2021 01:21

Tgt Ion:113 Resp: 5386
 Ion Ratio Lower Upper
 113 100
 55 18.3 132.0 172.0#
 56 21.3 96.3 136.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.462 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BM030386.D

Acq: 11 Jun 2021 01:21

Tgt Ion:164 Resp: 391250

Ion Ratio Lower Upper

164 100

162 100.0 83.4 125.0

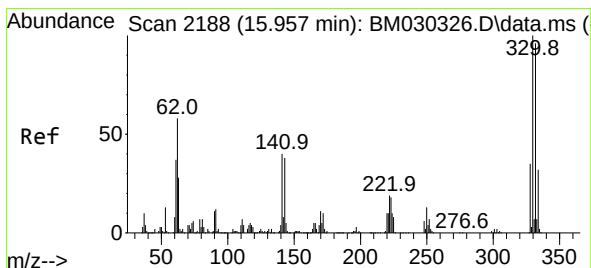
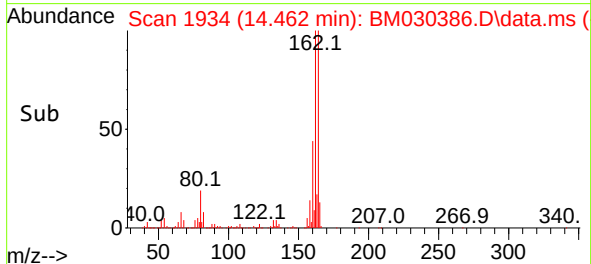
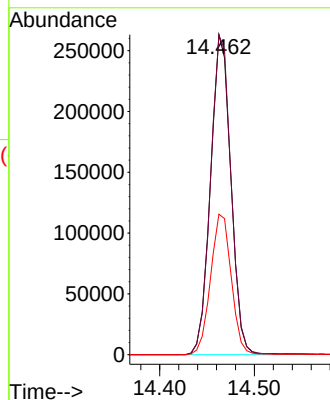
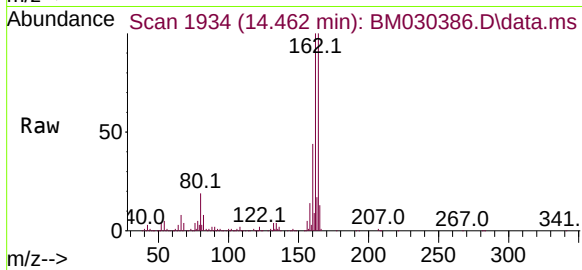
160 43.9 37.2 55.8

Instrument :

BNA_M

ClientSampleId :

PB136995BL



#42

2,4,6-Tribromophenol

Concen: 25.47 ng

RT: 15.951 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BM030386.D

Acq: 11 Jun 2021 01:21

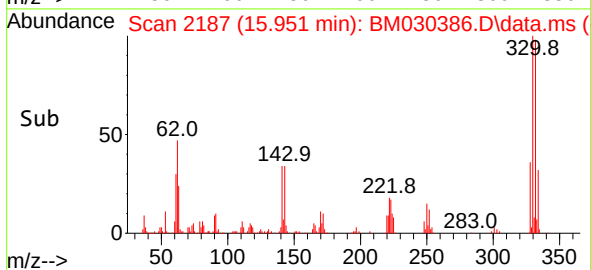
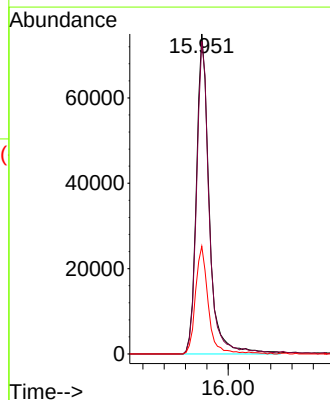
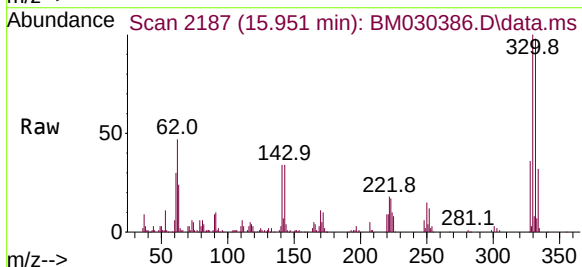
Tgt Ion:330 Resp: 125312

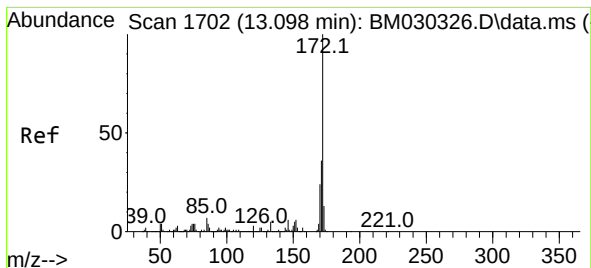
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 33.7 30.2 45.2

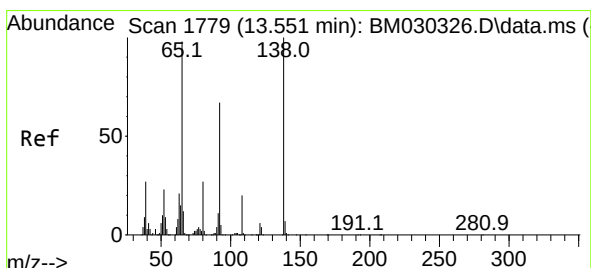
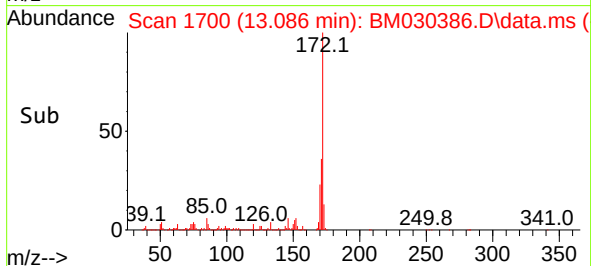
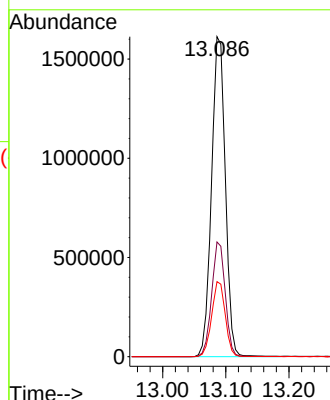
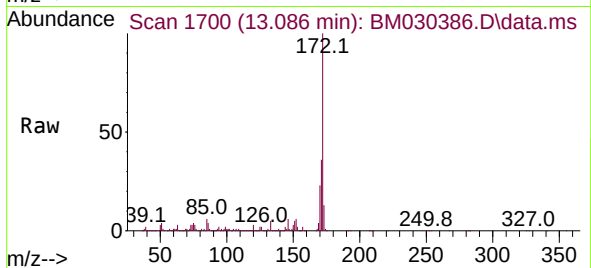




#45
2-Fluorobiphenyl
Concen: 82.27 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

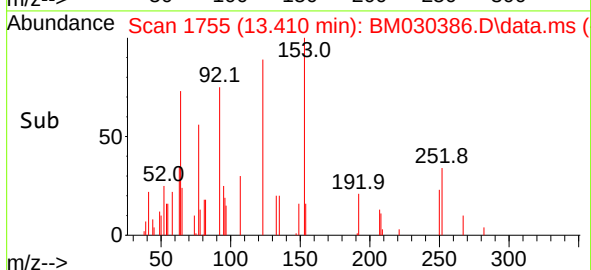
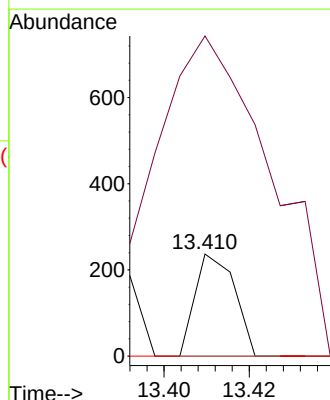
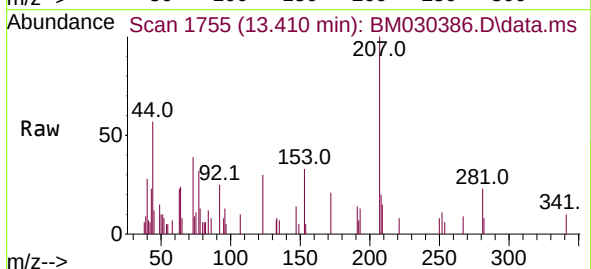
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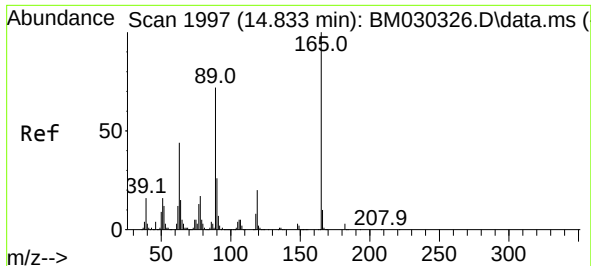
Tgt Ion:172 Resp: 2447580
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 4.04 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.141 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion: 65 Resp: 152
Ion Ratio Lower Upper
65 100
92 313.5 55.5 83.3#
138 0.0 85.7 128.5#

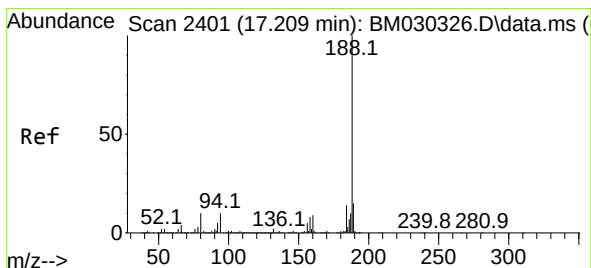
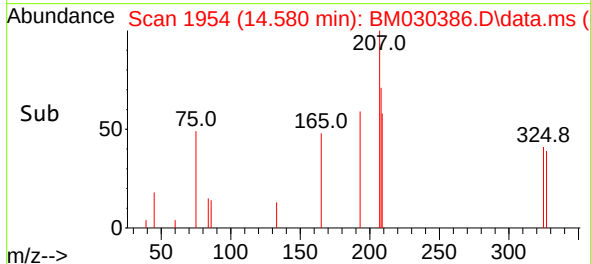
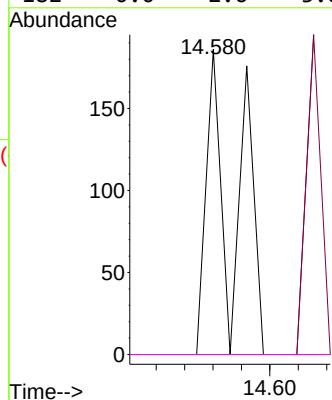
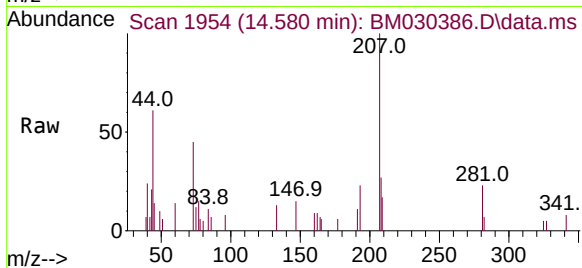




#57
2,4-Dinitrotoluene
Concen: 3.01 ng
RT: 14.580 min Scan# 1954
Delta R.T. -0.253 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

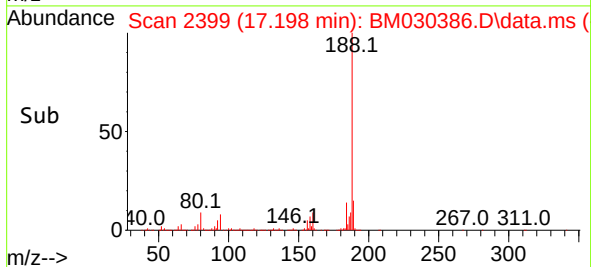
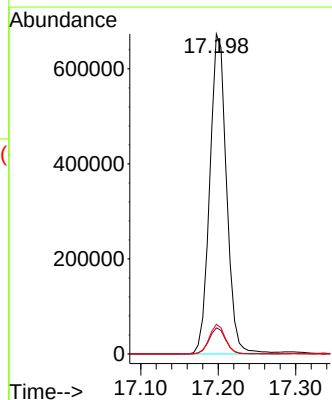
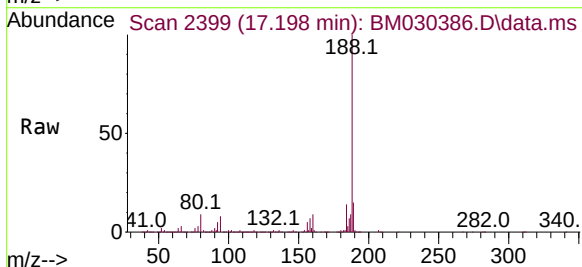
Instrument :
BNA_M
ClientSampleId :
PB136995BL

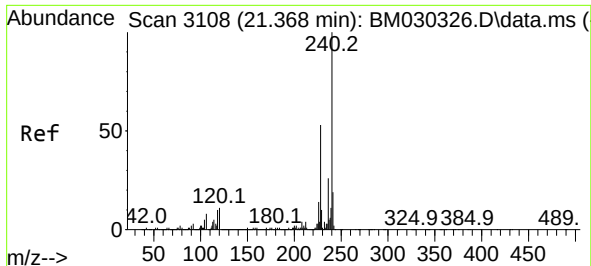
Tgt Ion:	165	Resp:	128
Ion Ratio	Lower	Upper	
165	100		
63	0.0	35.0	52.4#
89	0.0	55.2	82.8#
182	0.0	2.6	3.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion:	188	Resp:	1012925
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.0	9.0
80	9.3	6.6	9.8

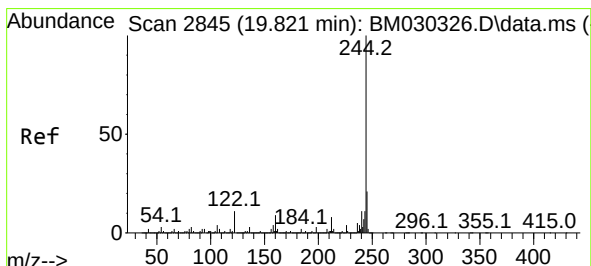
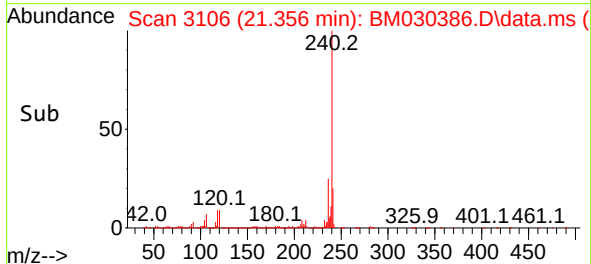
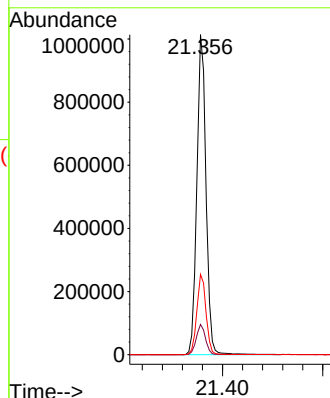
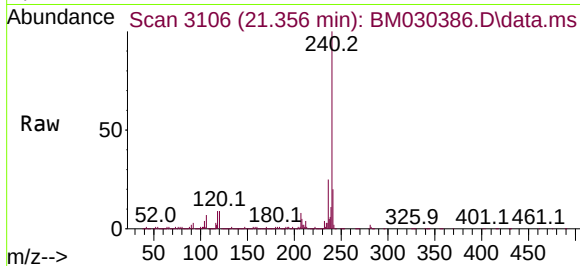




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

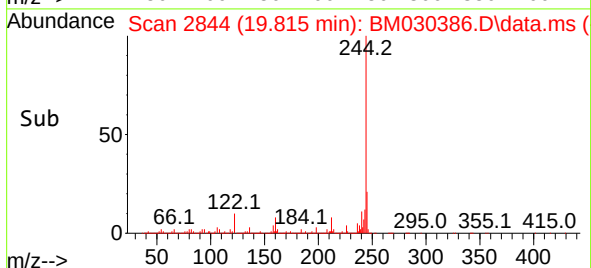
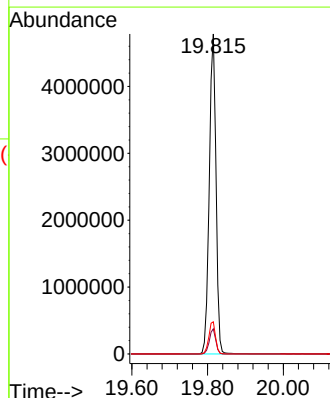
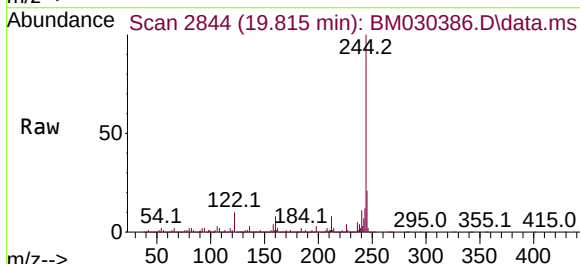
Instrument :
BNA_M
ClientSampleId :
PB136995BL

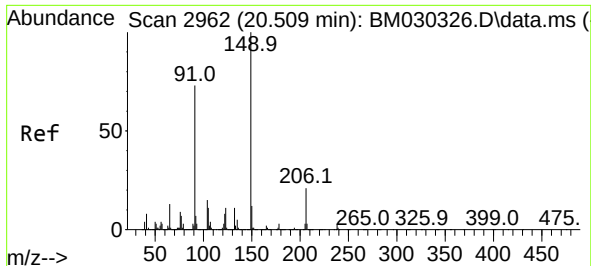
Tgt Ion:240 Resp: 1280046
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.1 21.0 31.4



#79
Terphenyl-d14
Concen: 80.32 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion:244 Resp: 5853605
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 10.1 6.9 10.3

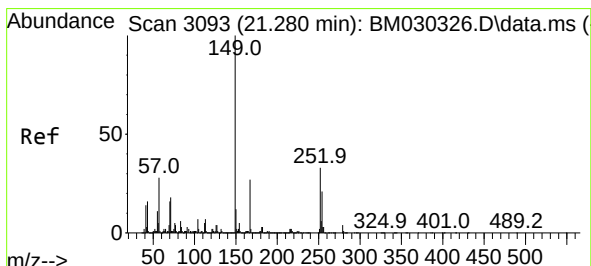
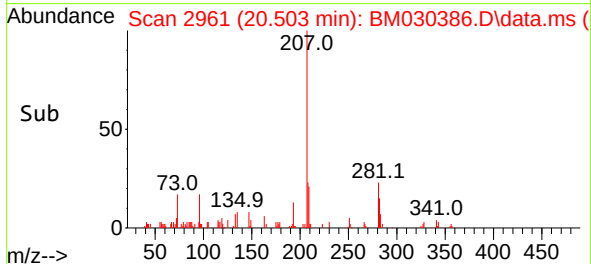
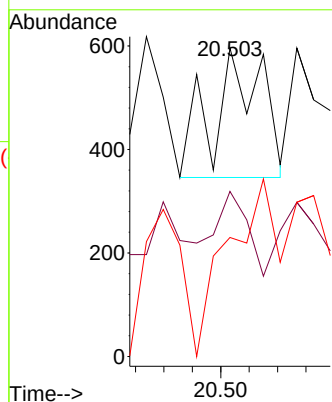
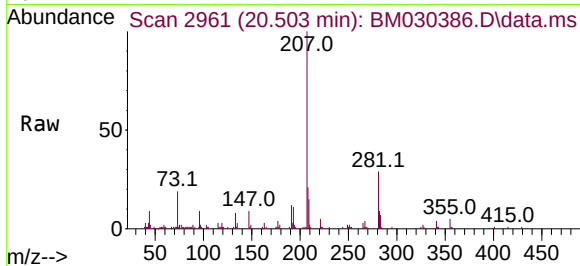




#80
Butylbenzylphthalate
Concen: 4.31 ng
RT: 20.503 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

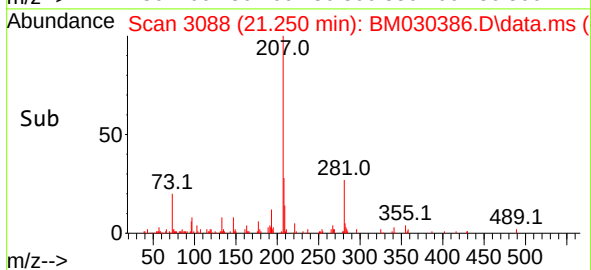
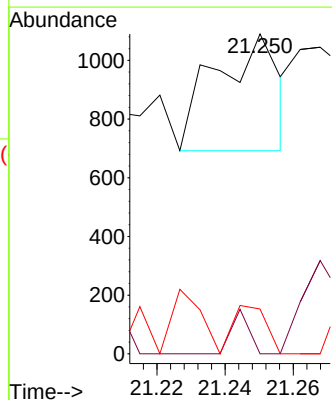
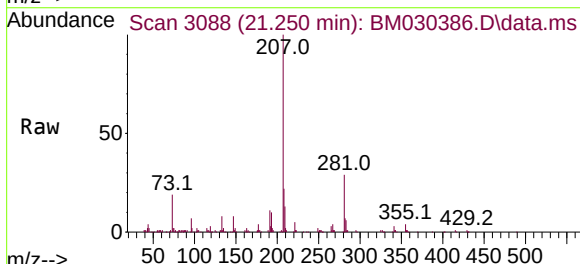
Instrument :
BNA_M
ClientSampleId :
PB136995BL

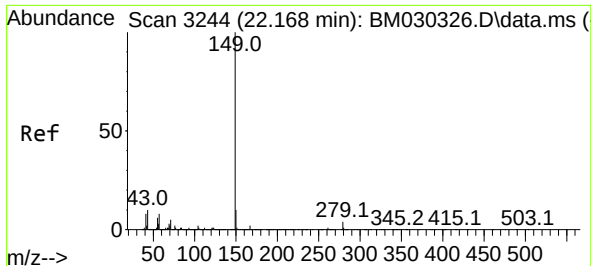
Tgt Ion:	149	Resp:	299
Ion	Ratio	Lower	Upper
149	100		
91	53.5	57.4	86.0#
206	38.6	16.6	25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.28 ng
RT: 21.250 min Scan# 3088
Delta R.T. -0.030 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion:	149	Resp:	511
Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.6	33.8#
279	14.0	3.8	5.8#

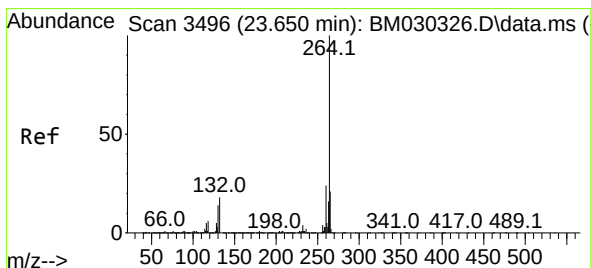
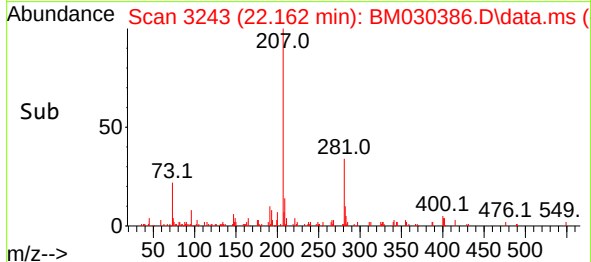
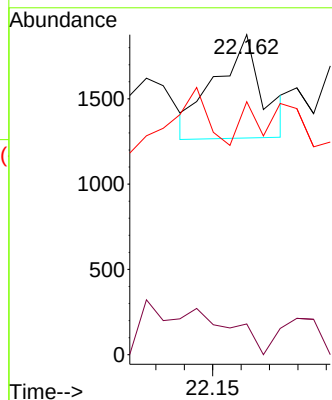
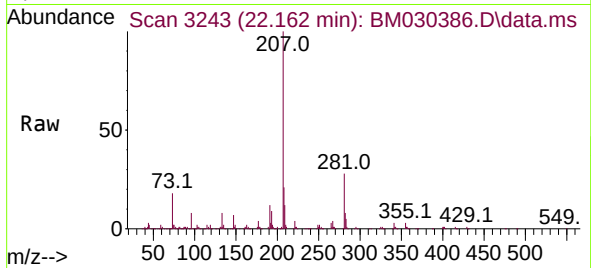




#85
Di-n-octyl phthalate
Concen: 4.17 ng
RT: 22.162 min Scan# 3243
Delta R.T. -0.006 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Instrument :
BNA_M
ClientSampleId :
PB136995BL

Tgt Ion:149 Resp: 695
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 49.4 7.4 11.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.638 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM030386.D
Acq: 11 Jun 2021 01:21

Tgt Ion:264 Resp: 1240597
Ion Ratio Lower Upper
264 100
260 23.1 19.8 29.8
265 21.6 17.7 26.5

