

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030394.D
 Acq On : 11 Jun 2021 06:48
 Operator : CG/JU
 Sample : M2612-33
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(54-58)

Quant Time: Jun 11 07:55:49 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)

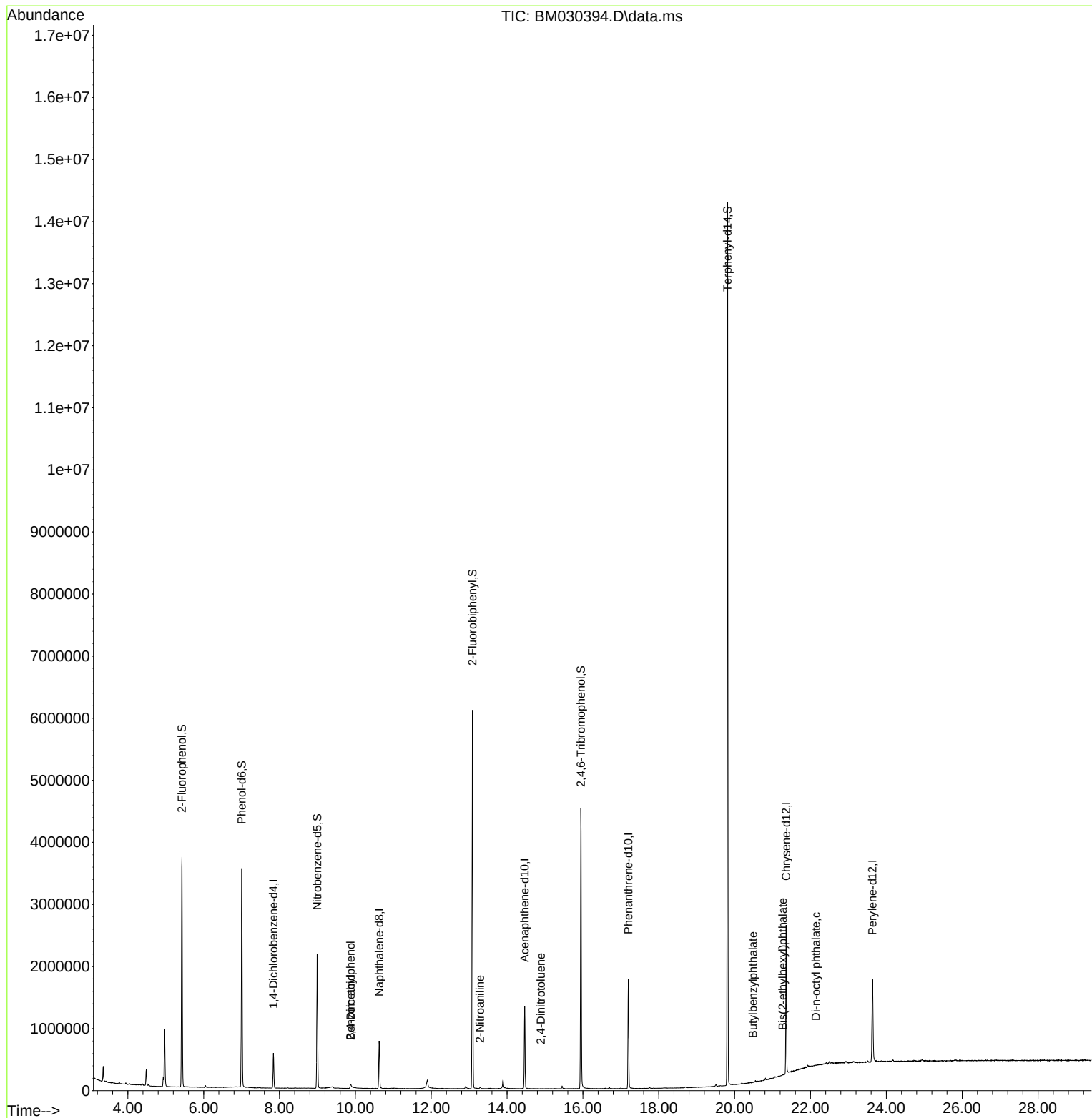
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	152328	20.00	ng	-0.01
21) Naphthalene-d8	10.628	136	651985	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	452443	20.00	ng	-0.01
64) Phenanthrene-d10	17.198	188	1056551	20.00	ng	-0.01
76) Chrysene-d12	21.356	240	1125958	20.00	ng	-0.01
86) Perylene-d12	23.633	264	1011400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1572421	167.81	ng	0.00
7) Phenol-d6	7.004	99	1897623	139.89	ng	0.00
23) Nitrobenzene-d5	8.992	82	1240920	92.72	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	783335	137.71	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3085238	89.67	ng	-0.01
79) Terphenyl-d14	19.815	244	6204635	96.79	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.875	122	45464	4.58	ng	# 4
32) Benzoic acid	9.875	122	45464	10.27	ng	91
48) 2-Nitroaniline	13.286	65	384	4.06	ng	# 6
57) 2,4-Dinitrotoluene	14.886	165	54	3.00	ng	# 24
80) Butylbenzylphthalate	20.486	149	132	4.31	ng	# 48
84) Bis(2-ethylhexyl)phtha...	21.268	149	2912	4.32	ng	# 83
85) Di-n-octyl phthalate	22.145	149	974	4.18	ng	# 1

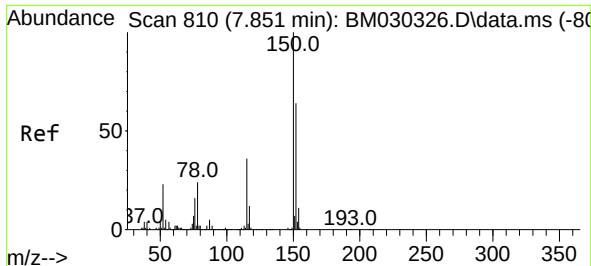
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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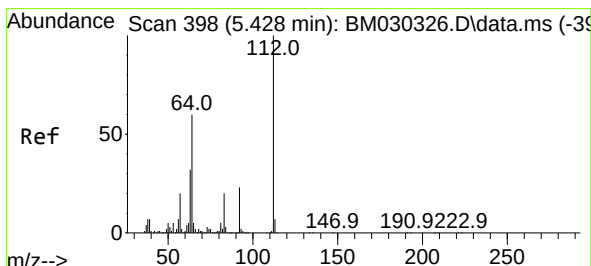
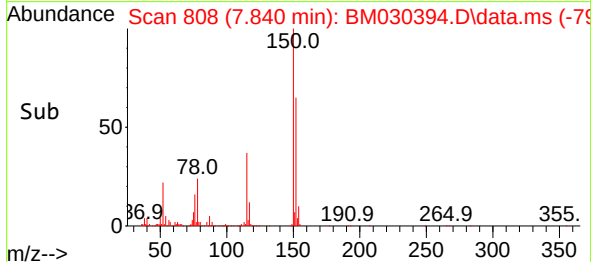
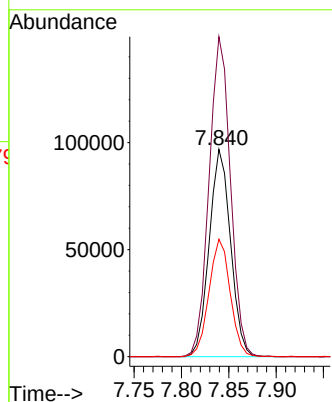
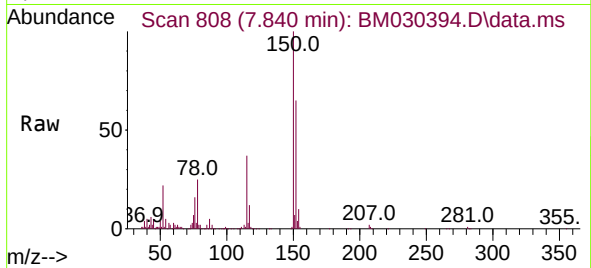




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

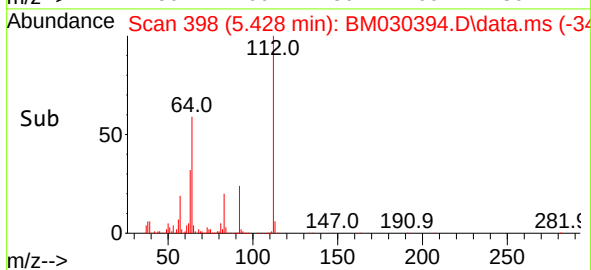
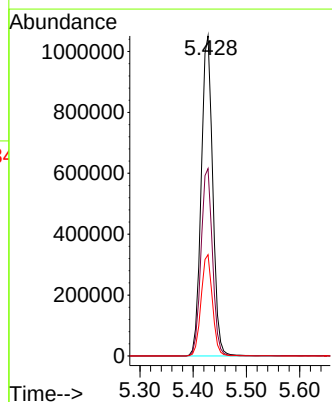
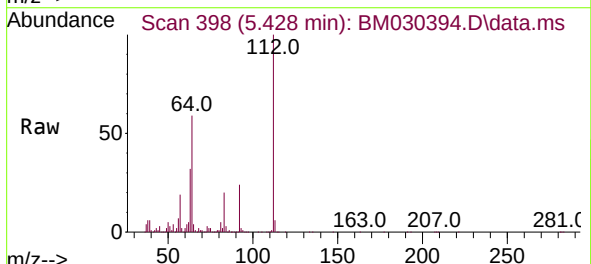
Instrument :
BNA_M
ClientSampleId :
18-B12(54-58)

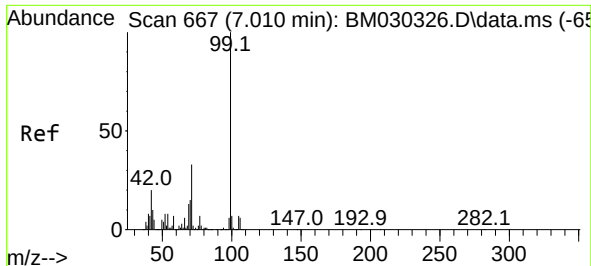
Tgt Ion:152 Resp: 152328
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 56.7 44.6 67.0



#5
2-Fluorophenol
Concen: 167.81 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion:112 Resp: 1572421
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 31.6 27.3 40.9



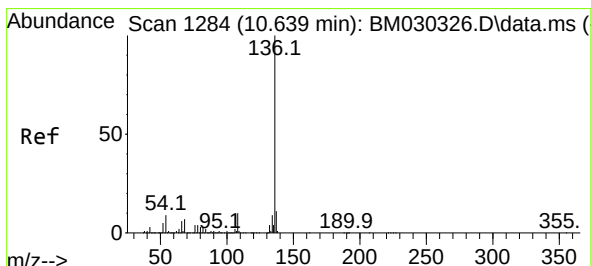
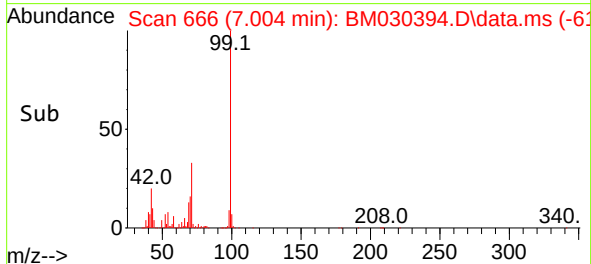
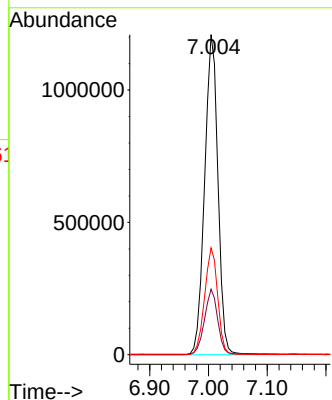
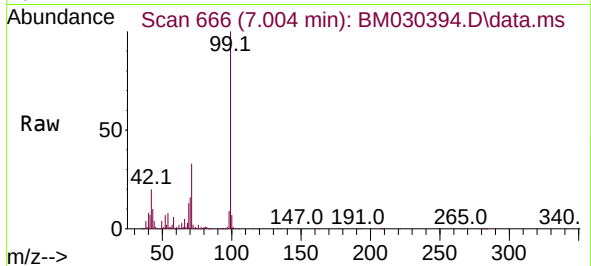


#7
Phenol-d6
Concen: 139.89 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Instrument :
BNA_M
ClientSampleId :
18-B12(54-58)

Tgt Ion: 99 Resp: 1897623

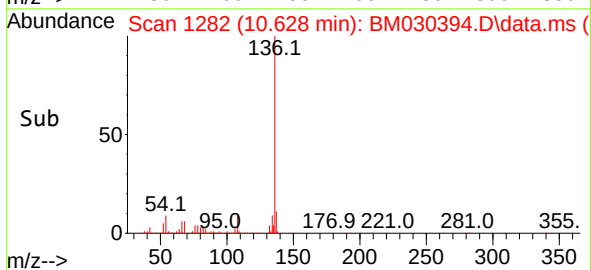
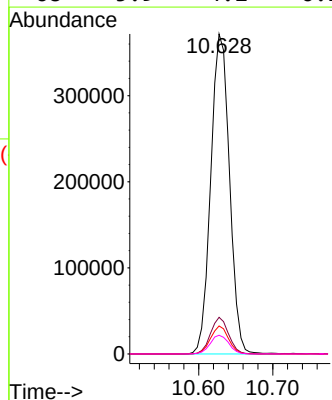
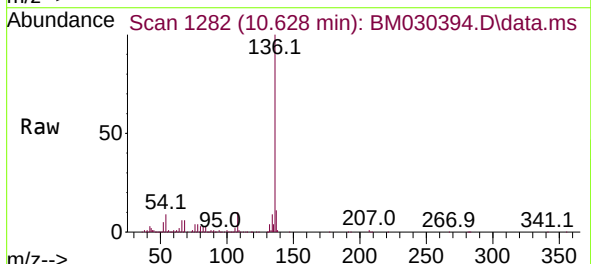
Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.0	27.0
71	33.4	30.9	46.3

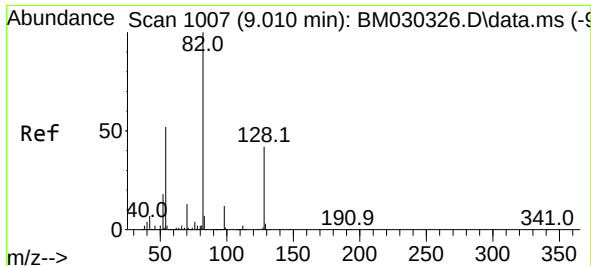


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.011 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion: 136 Resp: 651985

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.8	5.5	8.3#
68	5.9	4.2	6.2

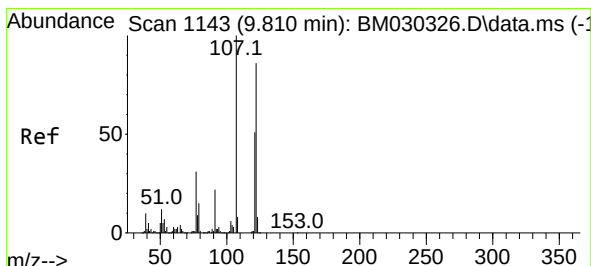
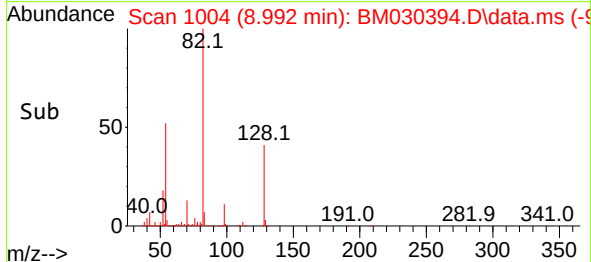
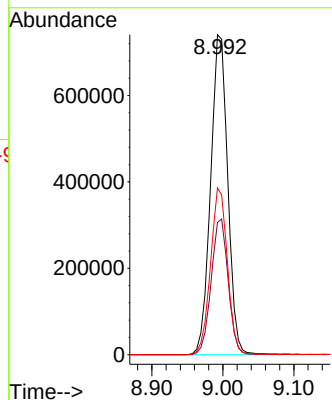
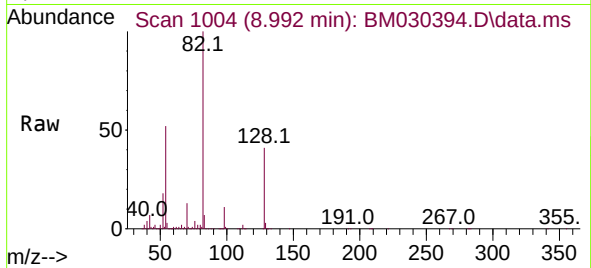




#23
Nitrobenzene-d5
Concen: 92.72 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

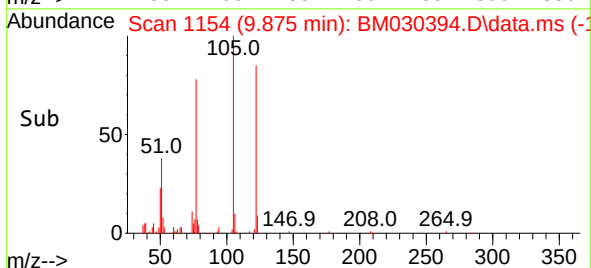
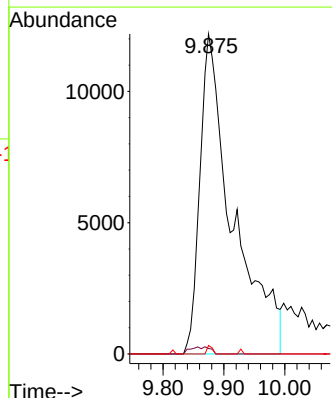
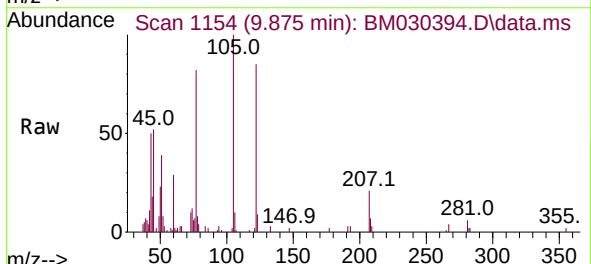
Instrument :
BNA_M
ClientSampleId :
18-B12(54-58)

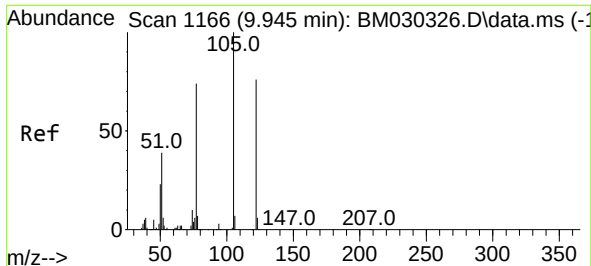
Tgt Ion: 82 Resp: 1240920
Ion Ratio Lower Upper
82 100
128 41.3 31.1 46.7
54 52.1 37.3 55.9



#27
2,4-Dimethylphenol
Concen: 4.58 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.065 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion: 122 Resp: 45464
Ion Ratio Lower Upper
122 100
107 1.7 95.0 142.6#
121 2.6 48.1 72.1#

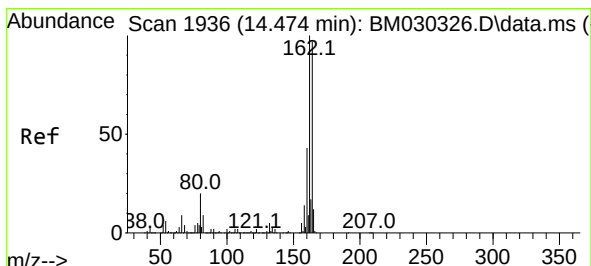
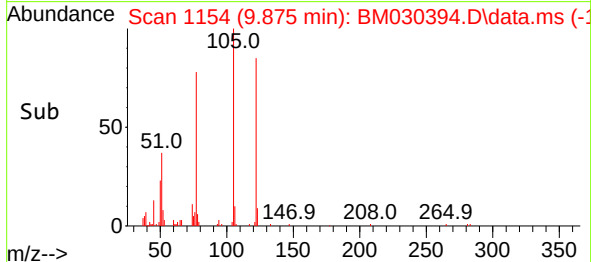
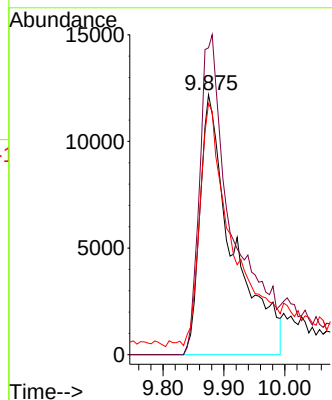
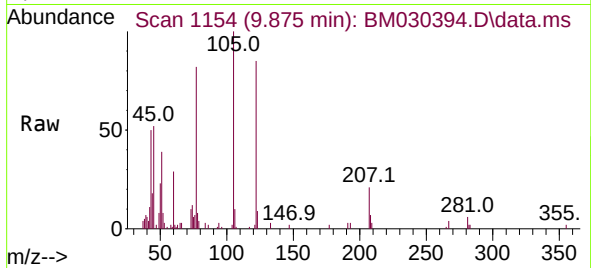




#32
Benzoic acid
Concen: 10.27 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.070 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

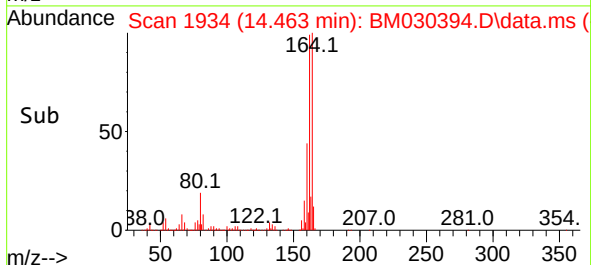
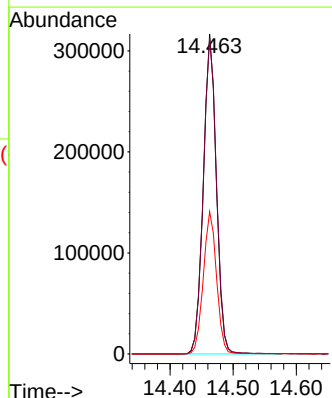
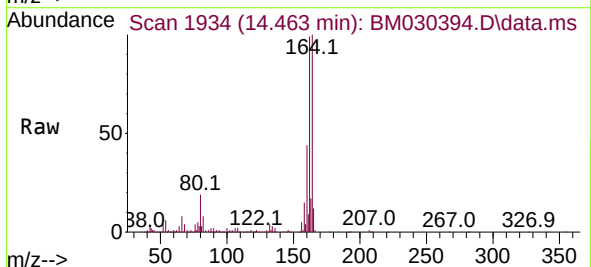
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18-B12(54-58)

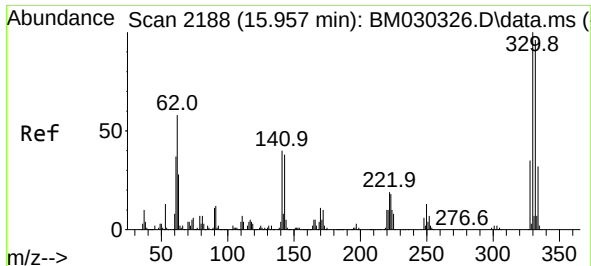
Tgt Ion:122 Resp: 45464
Ion Ratio Lower Upper
122 100
105 118.1 107.3 147.3
77 96.7 88.0 128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion:164 Resp: 452443
Ion Ratio Lower Upper
164 100
162 98.6 83.4 125.0
160 44.5 37.2 55.8

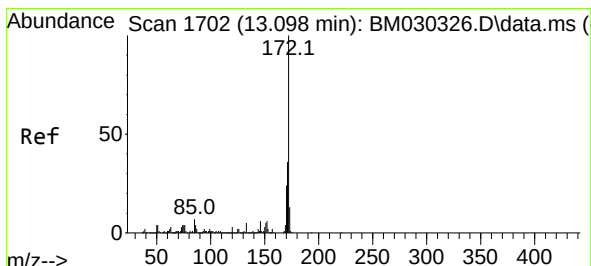
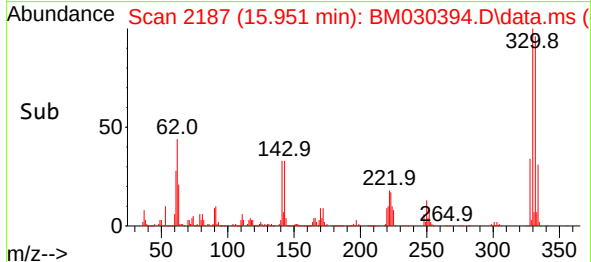
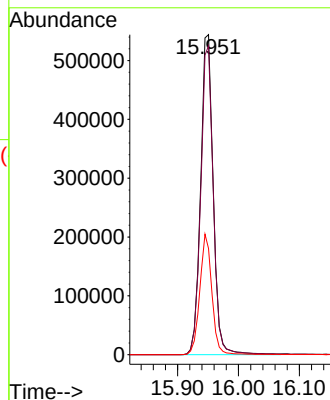
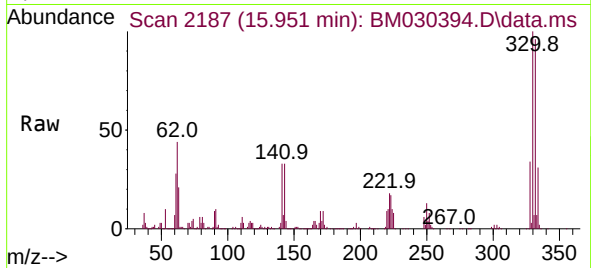




#42
2,4,6-Tribromophenol
Concen: 137.71 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

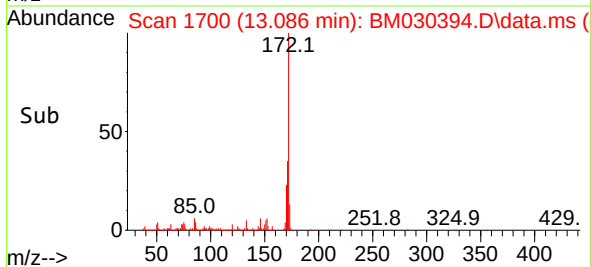
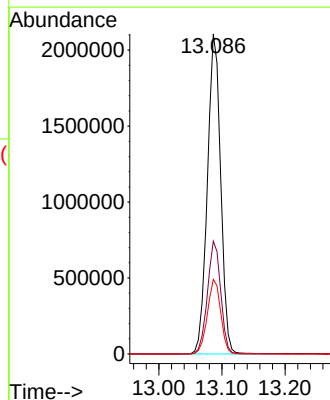
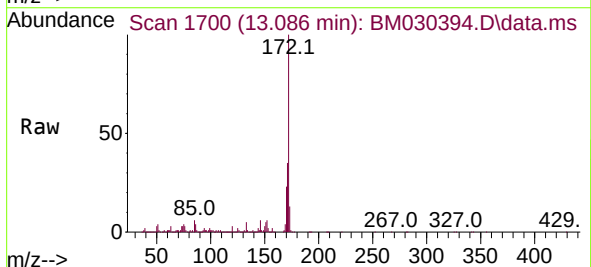
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ClientSampleId :
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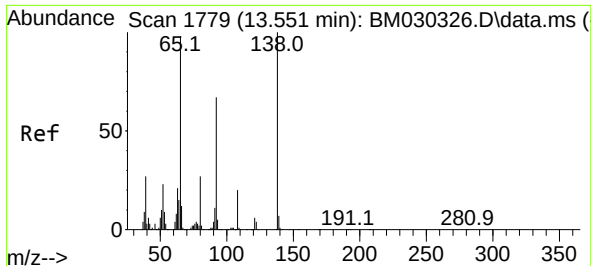
Tgt Ion:330 Resp: 783335
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 36.2 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 89.67 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion:172 Resp: 3085238
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 18.4 27.6

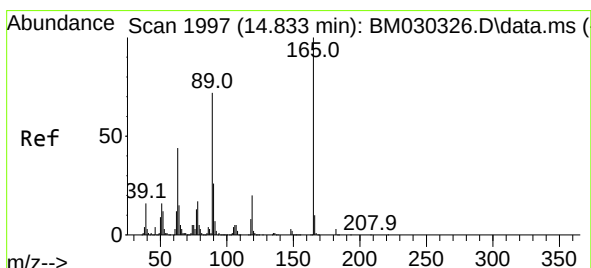
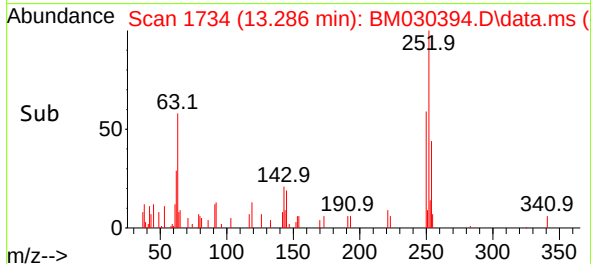
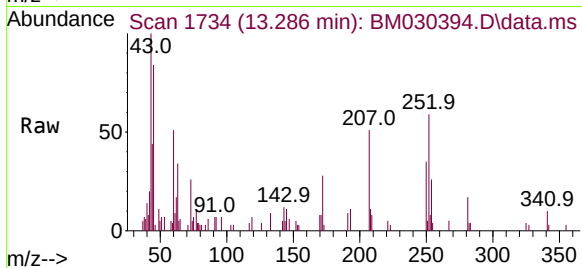




#48
2-Nitroaniline
Concen: 4.06 ng
RT: 13.286 min Scan# 1734
Delta R.T. -0.265 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

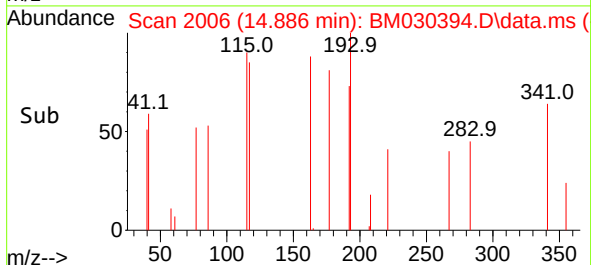
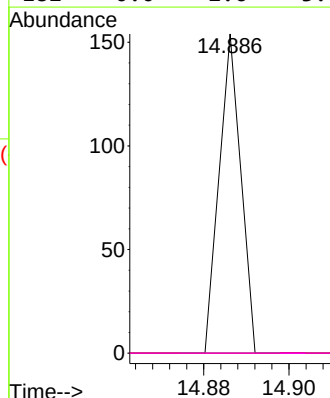
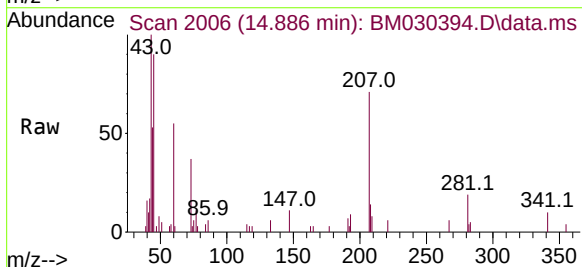
Instrument :
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ClientSampleId :
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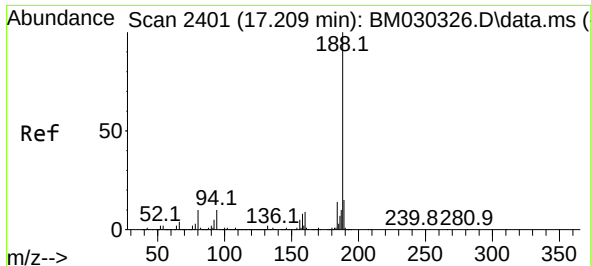
Tgt Ion: 65 Resp: 384
Ion Ratio Lower Upper
65 100
92 133.9 55.5 83.3#
138 0.0 85.7 128.5#



#57
2,4-Dinitrotoluene
Concen: 3.00 ng
RT: 14.886 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion:165 Resp: 54
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#

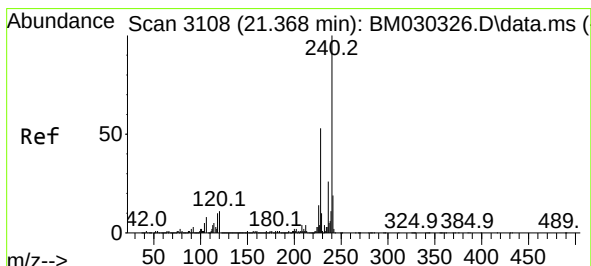
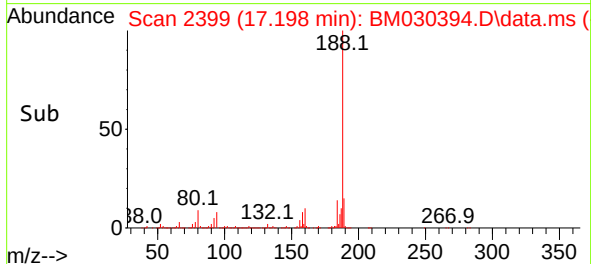
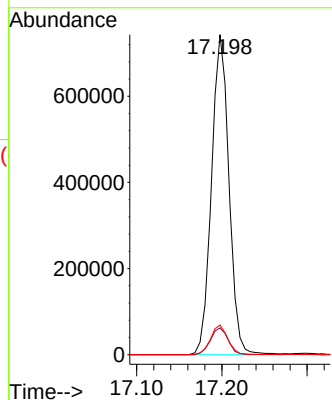
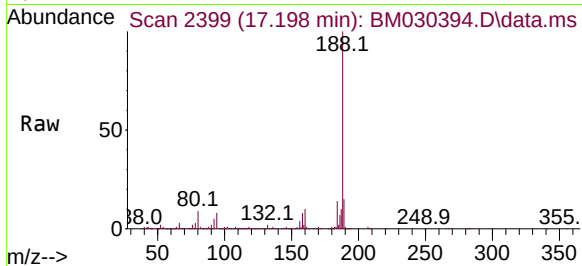




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

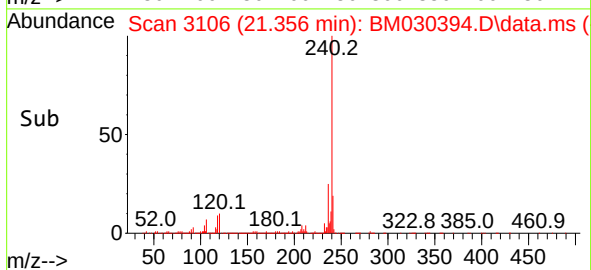
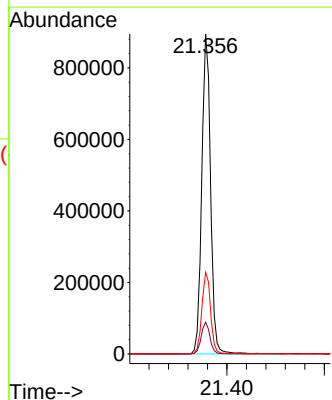
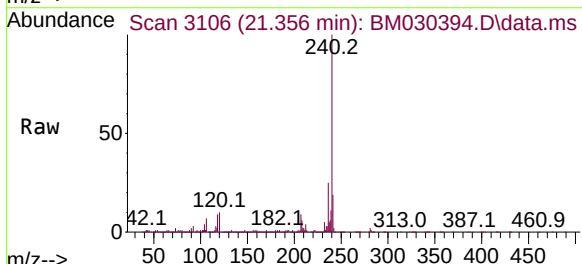
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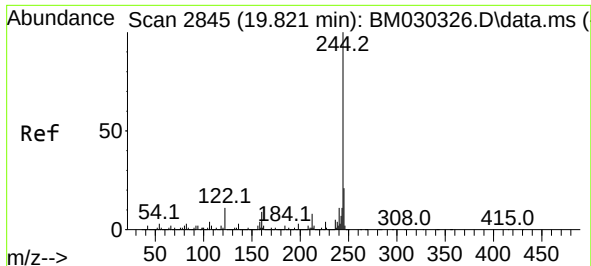
Tgt Ion:188 Resp: 1056551
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 9.3 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

Tgt Ion:240 Resp: 1125958
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.5 21.0 31.4

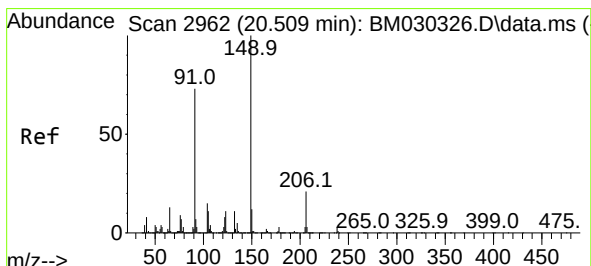
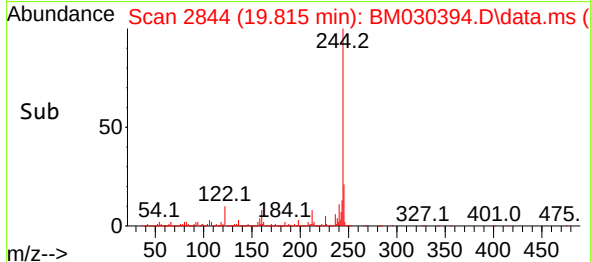
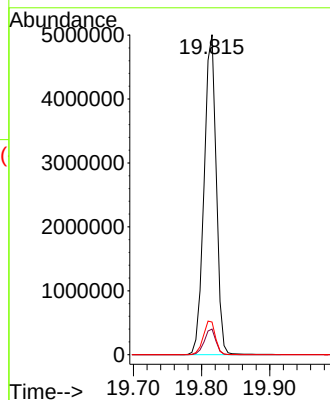
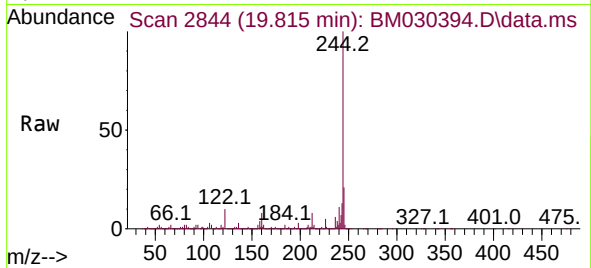




#79
 Terphenyl-d14
 Concen: 96.79 ng
 RT: 19.815 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM030394.D
 Acq: 11 Jun 2021 06:48

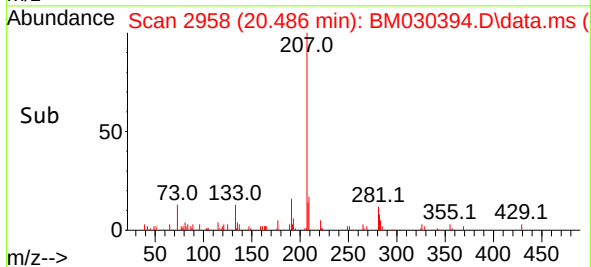
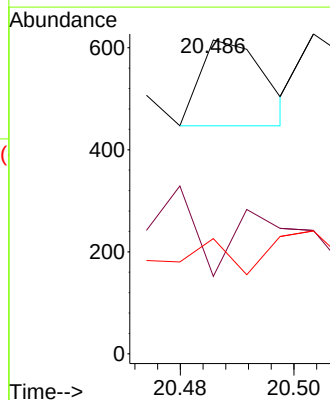
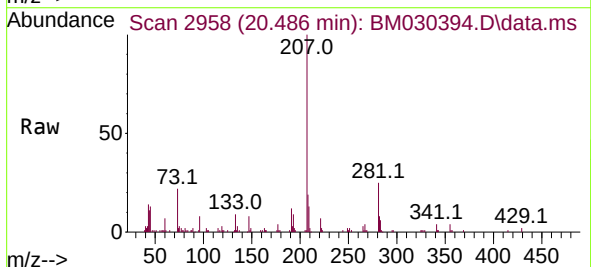
Instrument :
 BNA_M
 ClientSampleId :
 18-B12(54-58)

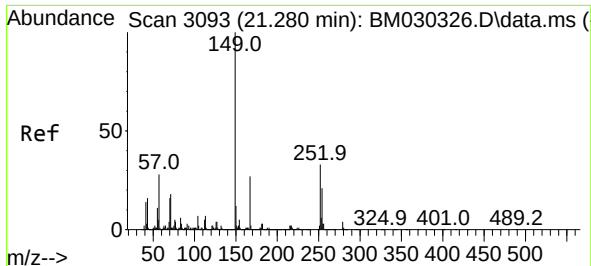
Tgt Ion:244 Resp: 6204635
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.2 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 4.31 ng
 RT: 20.486 min Scan# 2958
 Delta R.T. -0.023 min
 Lab File: BM030394.D
 Acq: 11 Jun 2021 06:48

Tgt Ion:149 Resp: 132
 Ion Ratio Lower Upper
 149 100
 91 24.7 57.4 86.0#
 206 36.7 16.6 25.0#

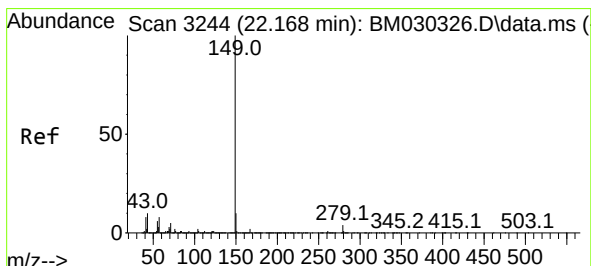
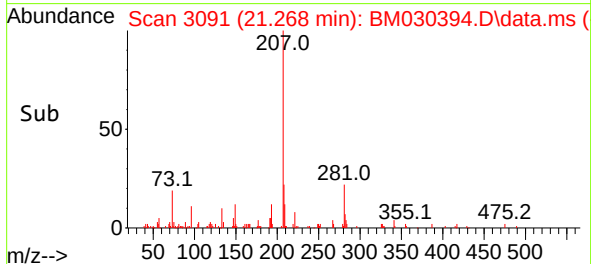
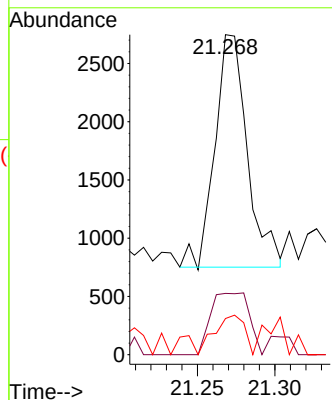
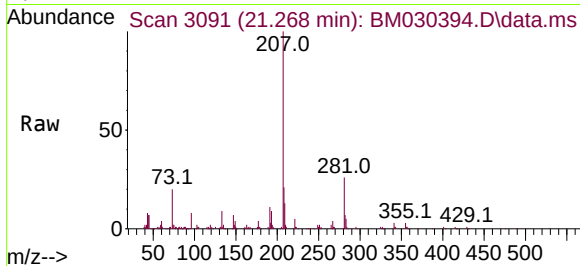




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.32 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

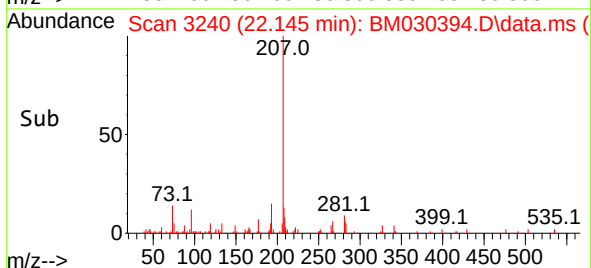
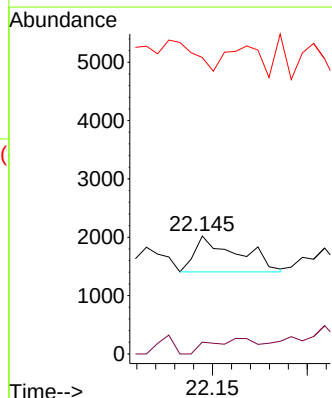
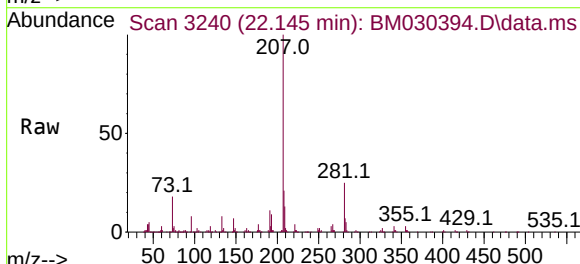
Instrument :
BNA_M
ClientSampleId :
18-B12(54-58)

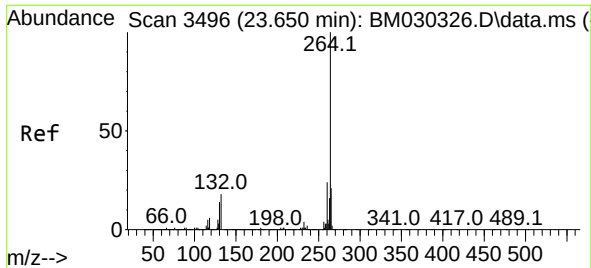
Tgt Ion:149 Resp: 2912
Ion Ratio Lower Upper
149 100
167 19.2 22.6 33.8#
279 11.3 3.8 5.8#



#85
Di-n-octyl phthalate
Concen: 4.18 ng
RT: 22.145 min Scan# 3240
Delta R.T. -0.023 min
Lab File: BM030394.D
Acq: 11 Jun 2021 06:48

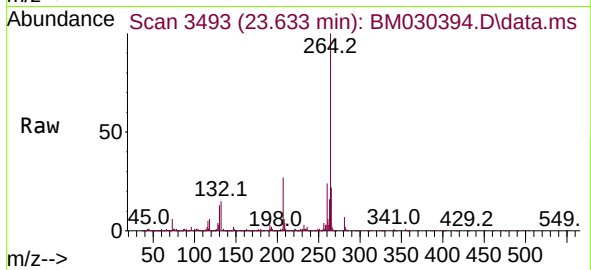
Tgt Ion:149 Resp: 974
Ion Ratio Lower Upper
149 100
167 18.3 1.3 1.9#
43 134.3 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.633 min Scan# 3493
 Delta R.T. -0.017 min
 Lab File: BM030394.D
 Acq: 11 Jun 2021 06:48

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(54-58)



Tgt Ion:264 Resp: 1011400

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	22.4	17.7	26.5

