

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030395.D
 Acq On : 11 Jun 2021 07:24
 Operator : CG/JU
 Sample : M2612-36
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(66-70)

Quant Time: Jun 11 09:37:55 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)

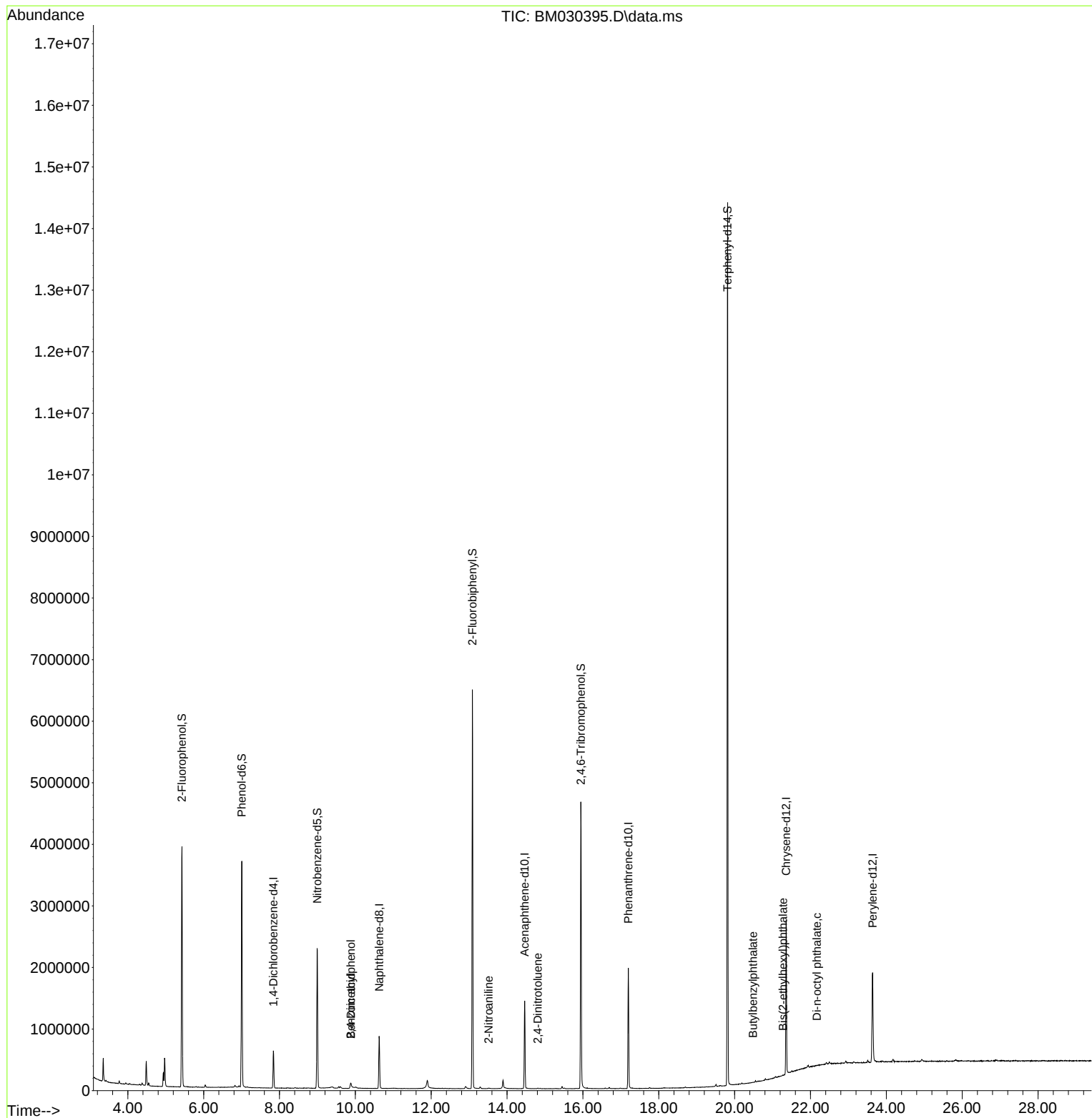
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	168494	20.00	ng	-0.01
21) Naphthalene-d8	10.628	136	716379	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	500680	20.00	ng	-0.01
64) Phenanthrene-d10	17.198	188	1166173	20.00	ng	-0.01
76) Chrysene-d12	21.356	240	1204344	20.00	ng	-0.01
86) Perylene-d12	23.638	264	1083243	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1649459	159.14	ng	0.00
7) Phenol-d6	7.004	99	1964689	130.94	ng	0.00
23) Nitrobenzene-d5	8.992	82	1307662	88.93	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	821378	130.48	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3297973	86.62	ng	-0.01
79) Terphenyl-d14	19.815	244	6202719	90.46	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.881	122	54701	5.01	ng	# 3
32) Benzoic acid	9.881	122	54701	10.78	ng	90
48) 2-Nitroaniline	13.516	65	255	4.04	ng	# 4
57) 2,4-Dinitrotoluene	14.810	165	577	3.04	ng	# 66
80) Butylbenzylphthalate	20.486	149	455	4.32	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.274	149	2146	4.31	ng	# 77
85) Di-n-octyl phthalate	22.168	149	835	4.17	ng	# 78

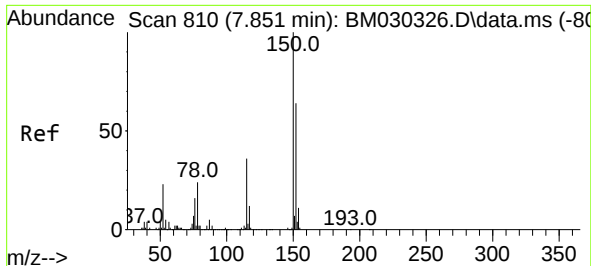
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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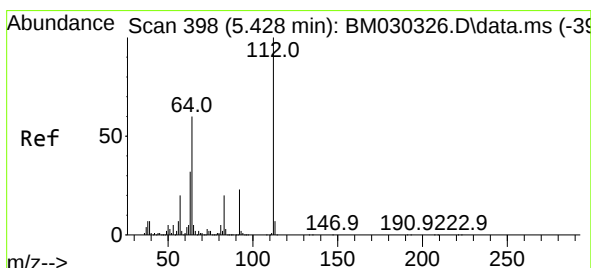
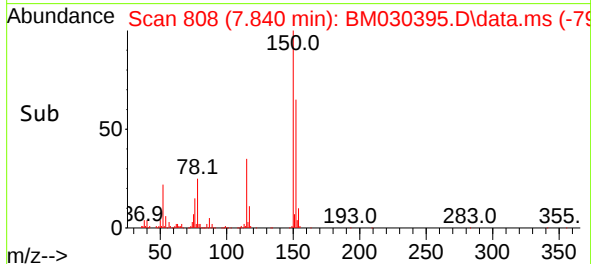
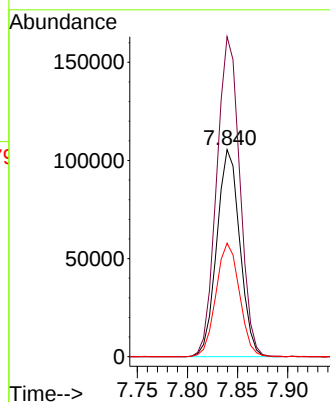
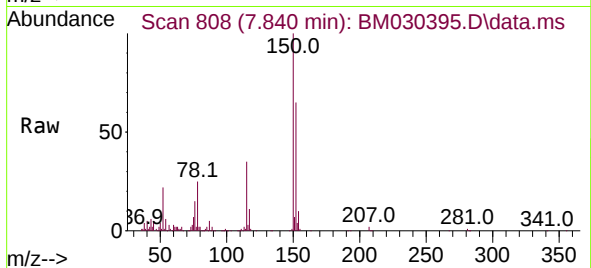




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

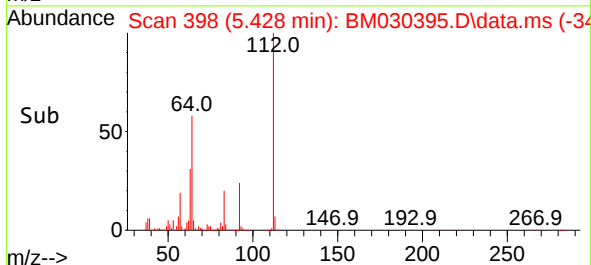
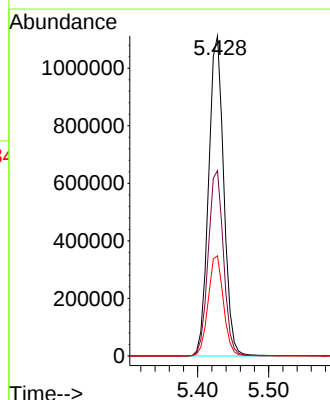
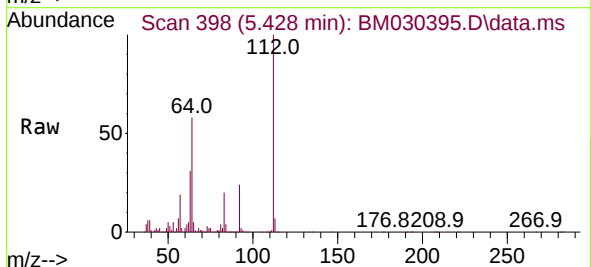
Instrument :
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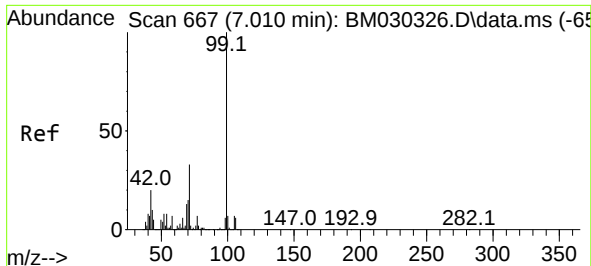
Tgt Ion:152 Resp: 168494
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 54.8 44.6 67.0



#5
2-Fluorophenol
Concen: 159.14 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion:112 Resp: 1649459
Ion Ratio Lower Upper
112 100
64 57.9 47.1 70.7
63 31.3 27.3 40.9

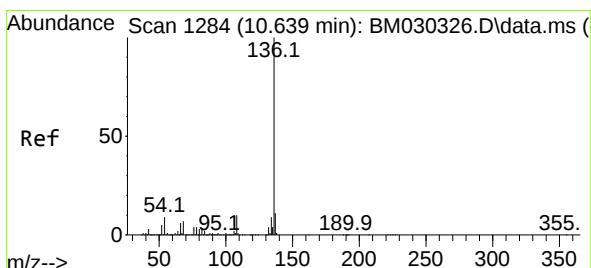
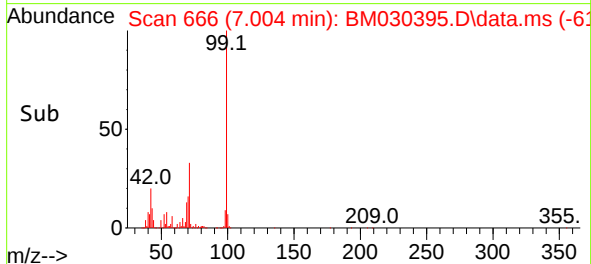
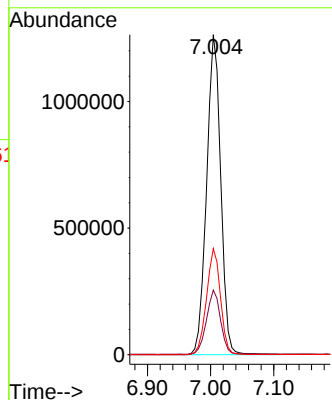
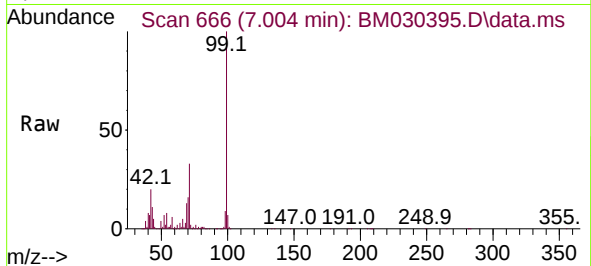




#7
Phenol-d6
Concen: 130.94 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

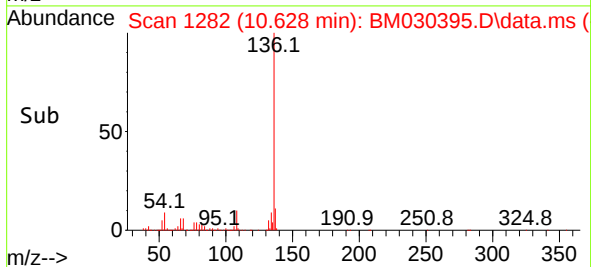
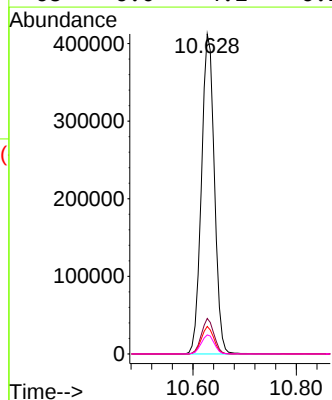
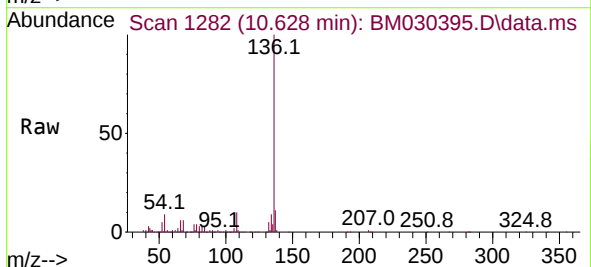
Instrument :
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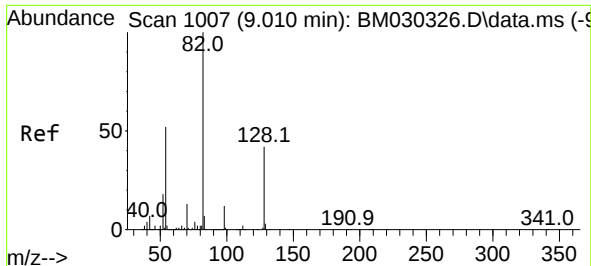
Tgt Ion: 99 Resp: 1964689
Ion Ratio Lower Upper
99 100
42 20.2 18.0 27.0
71 33.2 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.011 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion: 136 Resp: 716379
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.5 8.3#
68 6.0 4.2 6.2

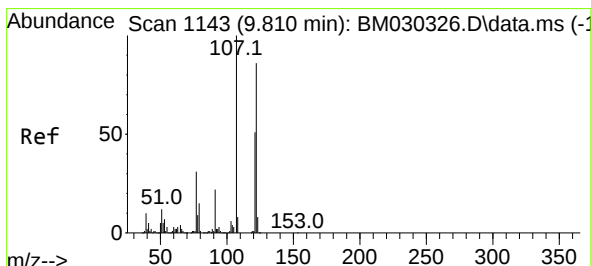
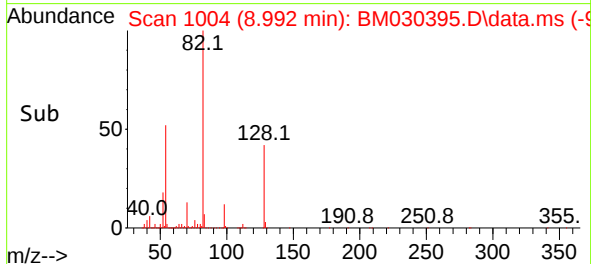
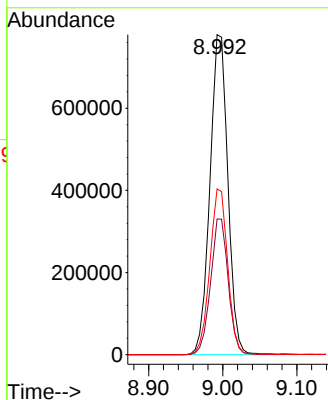
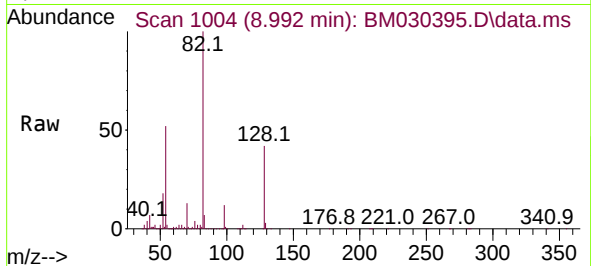




#23
Nitrobenzene-d5
Concen: 88.93 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

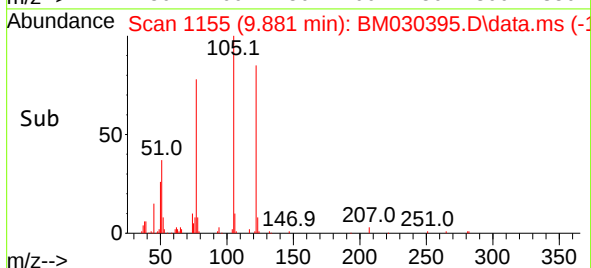
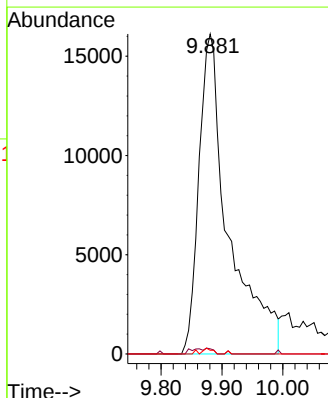
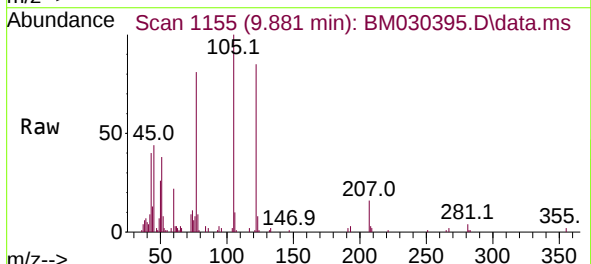
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18-B12(66-70)

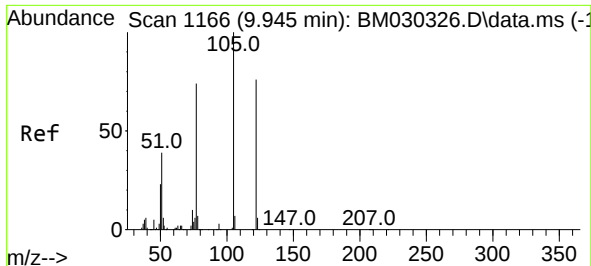
Tgt Ion: 82 Resp: 1307662
Ion Ratio Lower Upper
82 100
128 42.4 31.1 46.7
54 51.8 37.3 55.9



#27
2,4-Dimethylphenol
Concen: 5.01 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.071 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion: 122 Resp: 54701
Ion Ratio Lower Upper
122 100
107 1.6 95.0 142.6#
121 1.1 48.1 72.1#

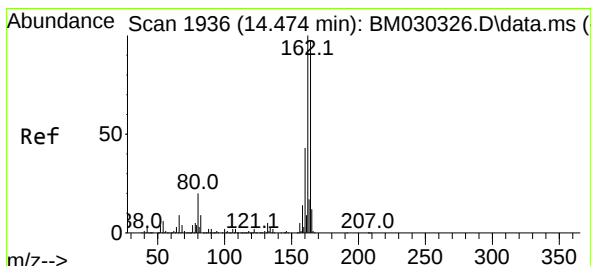
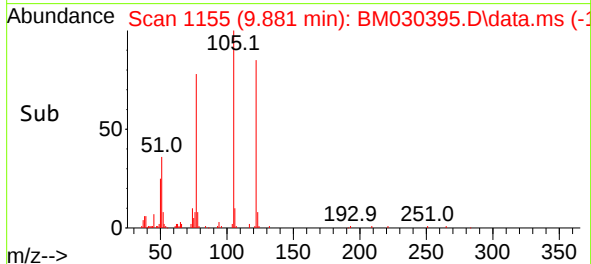
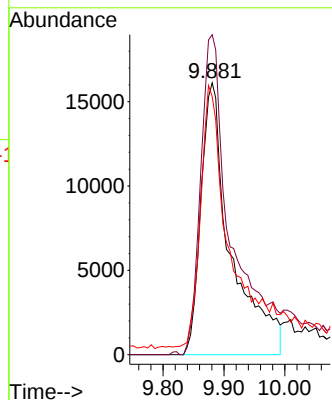
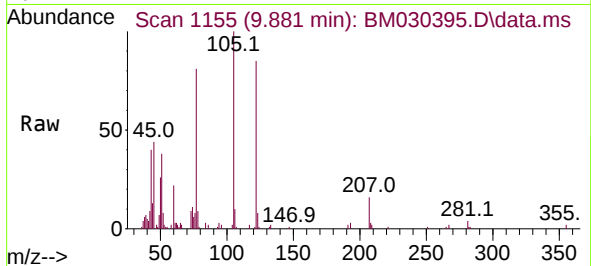




#32
Benzoic acid
Concen: 10.78 ng
RT: 9.881 min Scan# 1155
Delta R.T. -0.064 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

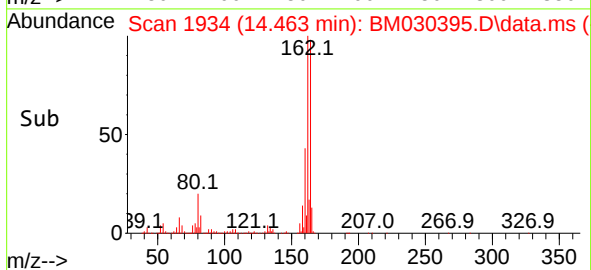
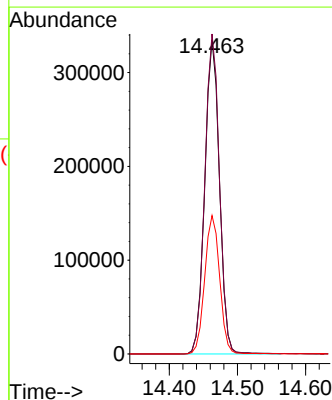
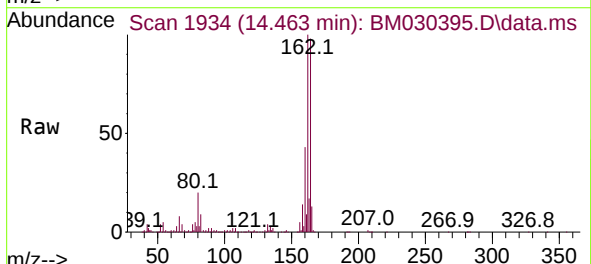
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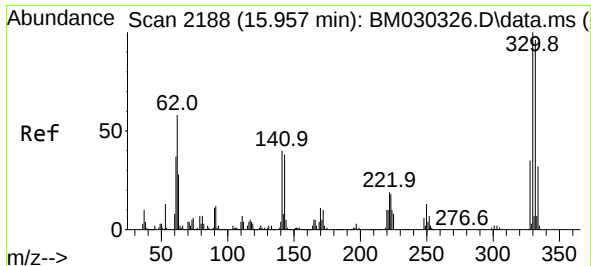
Tgt Ion:122 Resp: 54701
Ion Ratio Lower Upper
122 100
105 117.7 107.3 147.3
77 95.0 88.0 128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion:164 Resp: 500680
Ion Ratio Lower Upper
164 100
162 102.0 83.4 125.0
160 44.1 37.2 55.8

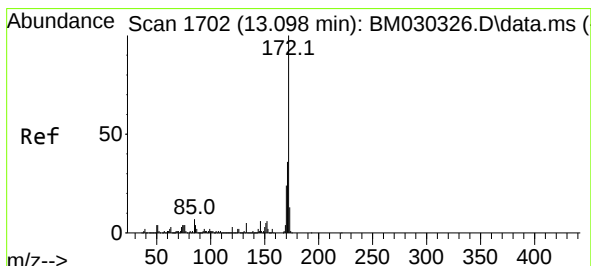
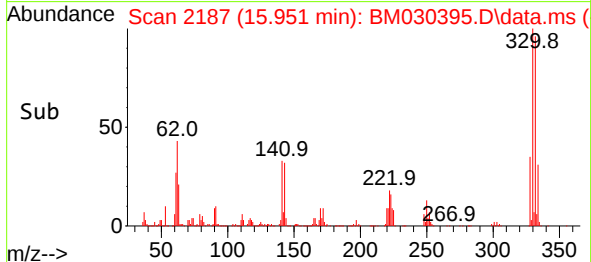
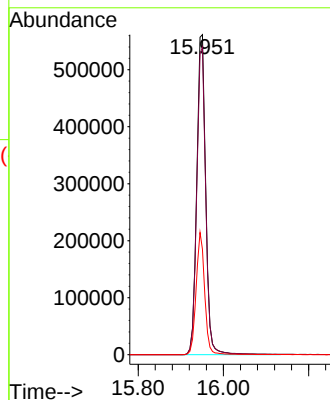
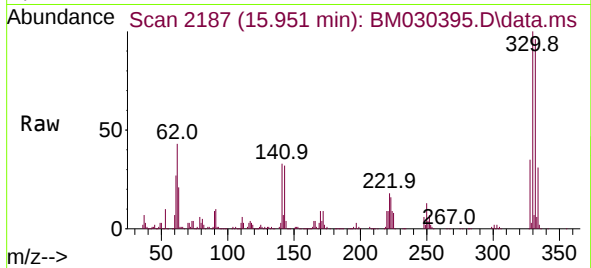




#42
2,4,6-Tribromophenol
Concen: 130.48 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

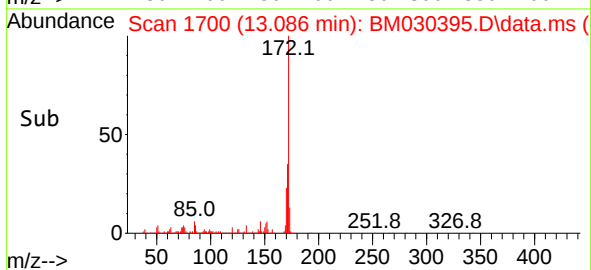
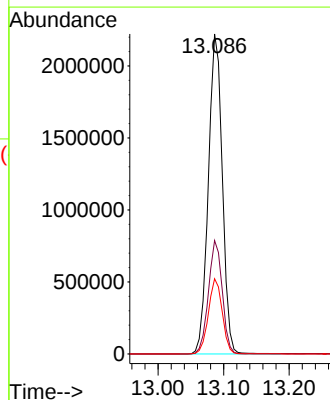
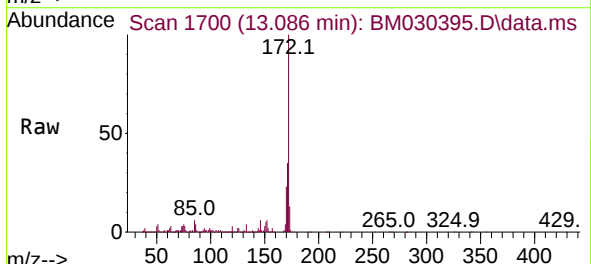
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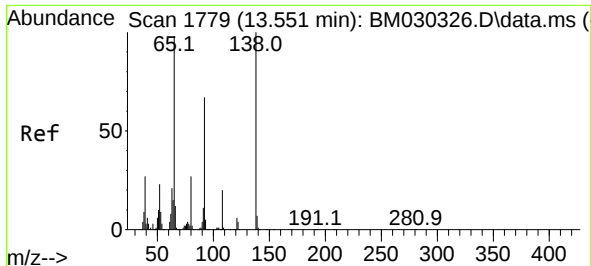
Tgt Ion:330 Resp: 821378
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.5 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 86.62 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion:172 Resp: 3297973
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 18.4 27.6

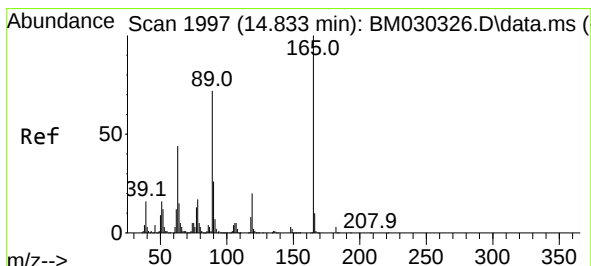
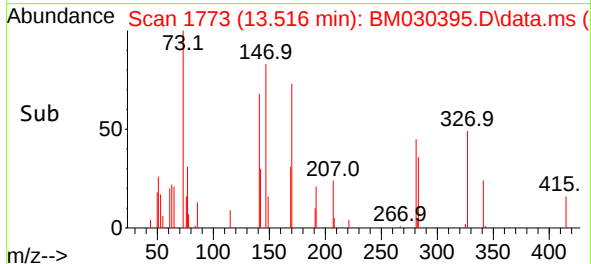
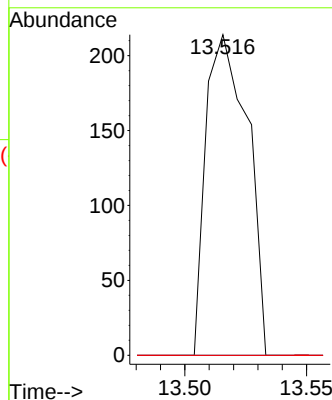
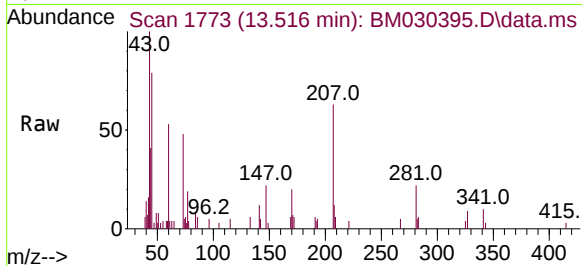




#48
2-Nitroaniline
Concen: 4.04 ng
RT: 13.516 min Scan# 1773
Delta R.T. -0.035 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

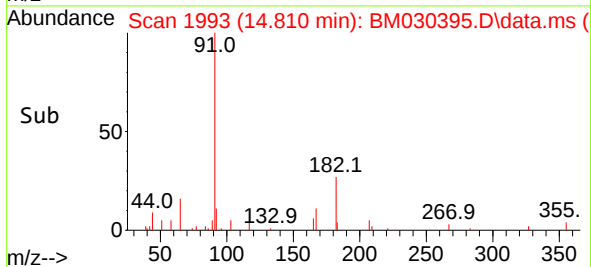
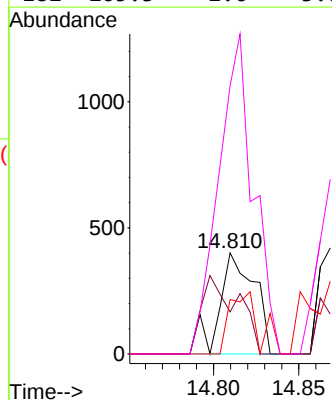
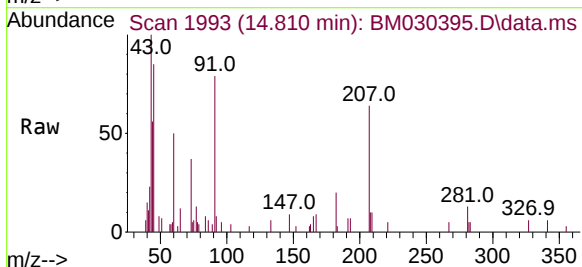
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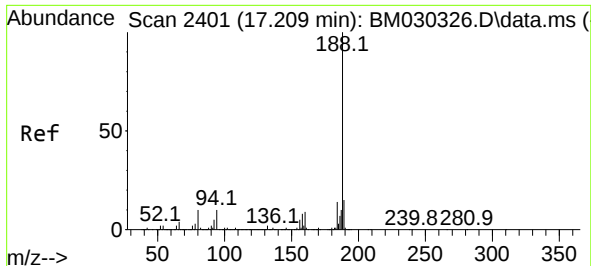
Tgt Ion: 65 Resp: 255
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#57
2,4-Dinitrotoluene
Concen: 3.04 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.023 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion: 165 Resp: 577
Ion Ratio Lower Upper
165 100
63 41.6 35.0 52.4
89 53.9 55.2 82.8#
182 265.3 2.6 3.8#

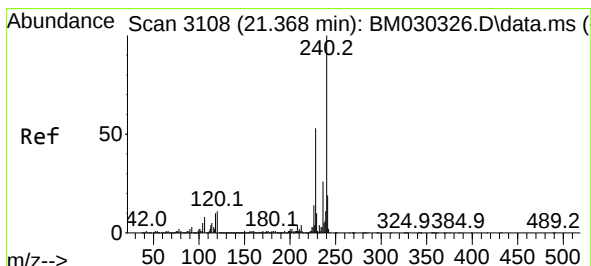
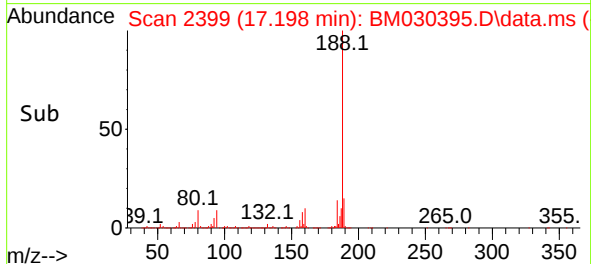
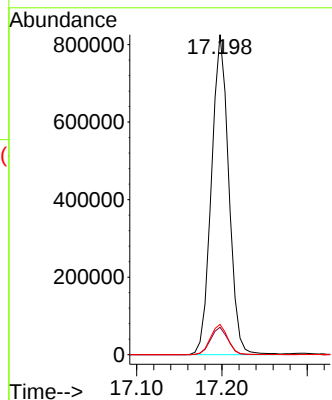
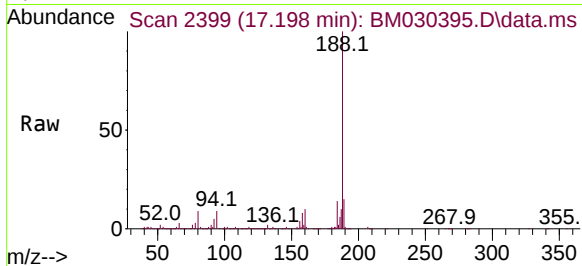




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

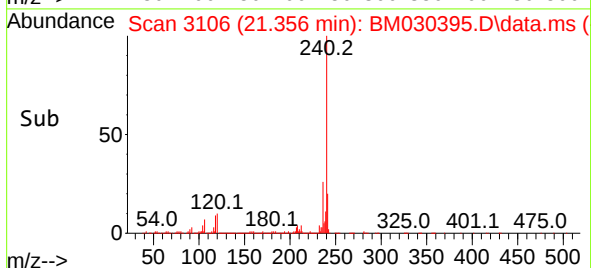
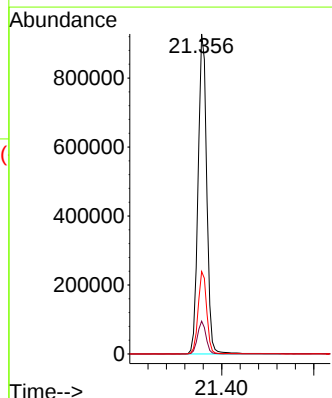
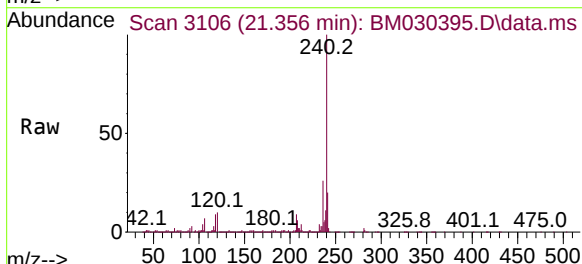
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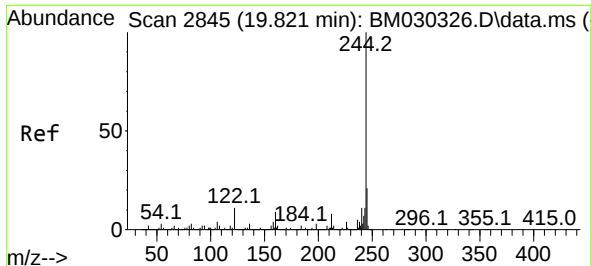
Tgt Ion:188 Resp: 1166173
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.4 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

Tgt Ion:240 Resp: 1204344
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 25.7 21.0 31.4

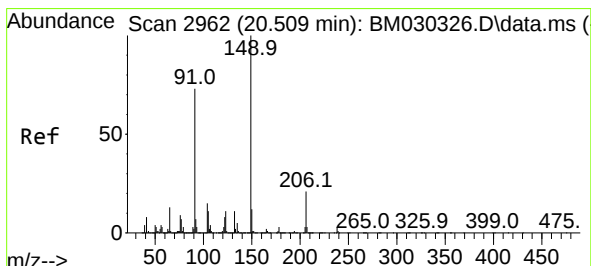
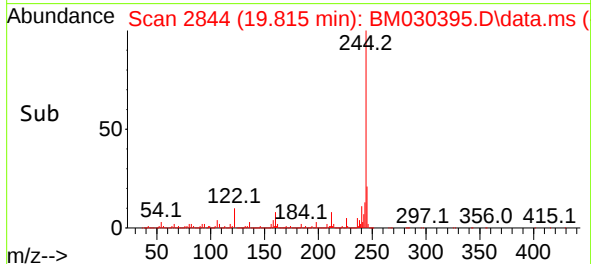
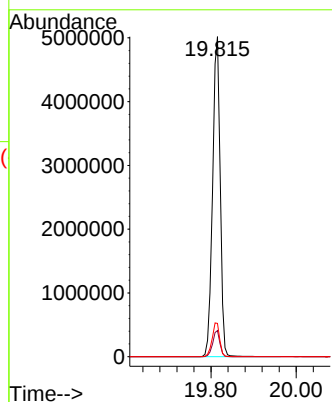
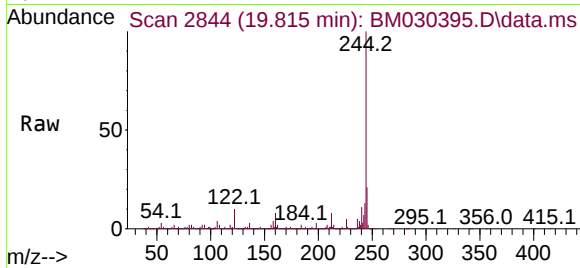




#79
 Terphenyl-d14
 Concen: 90.46 ng
 RT: 19.815 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM030395.D
 Acq: 11 Jun 2021 07:24

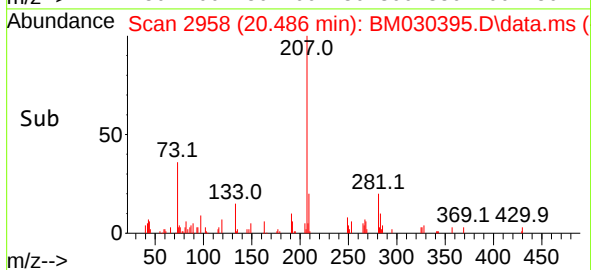
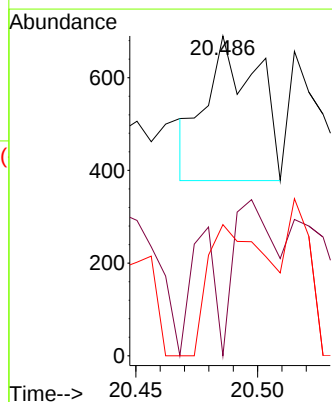
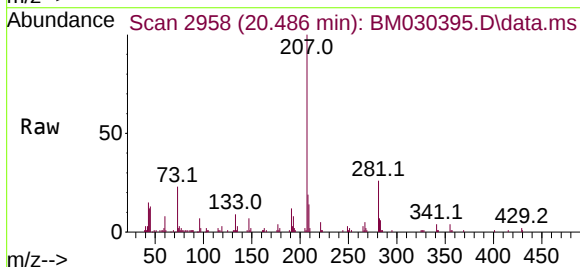
Instrument :
 BNA_M
 ClientSampleId :
 18-B12(66-70)

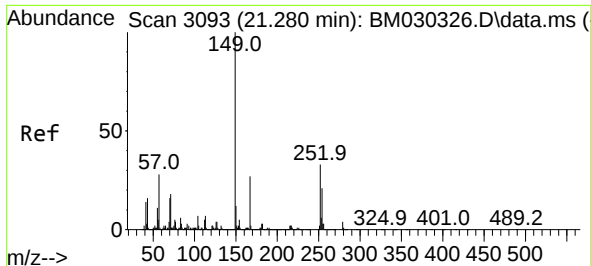
Tgt Ion:244 Resp: 6202719
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 10.4 6.9 10.3#



#80
 Butylbenzylphthalate
 Concen: 4.32 ng
 RT: 20.486 min Scan# 2958
 Delta R.T. -0.023 min
 Lab File: BM030395.D
 Acq: 11 Jun 2021 07:24

Tgt Ion:149 Resp: 455
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.4 86.0#
 206 41.0 16.6 25.0#

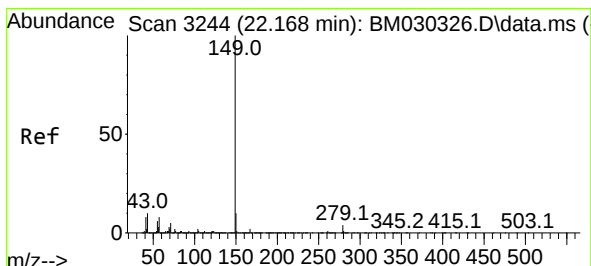
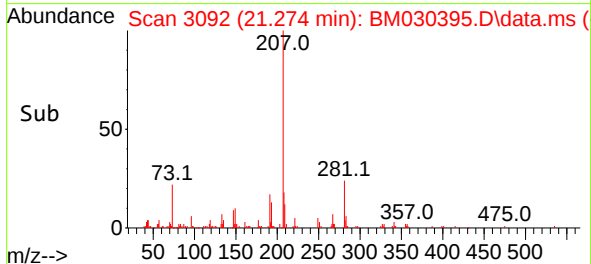
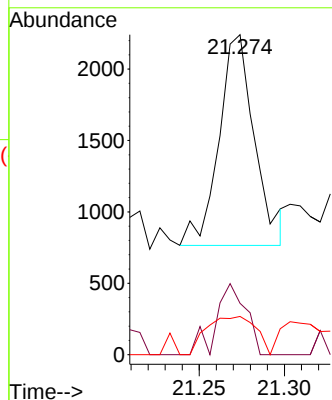
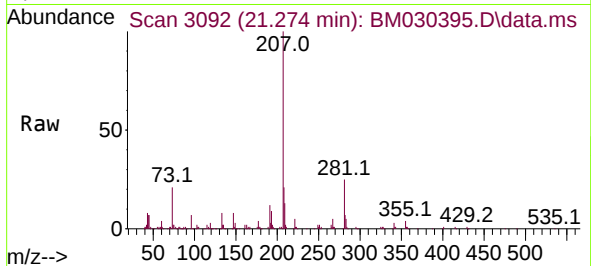




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.31 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

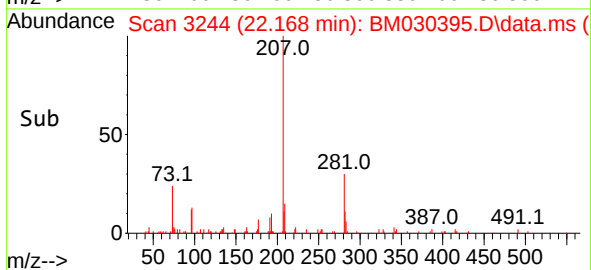
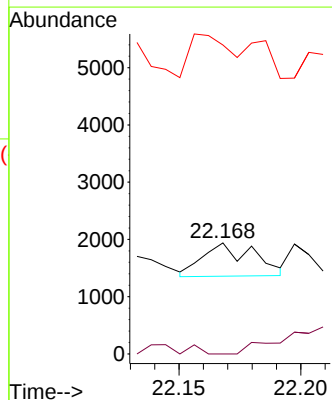
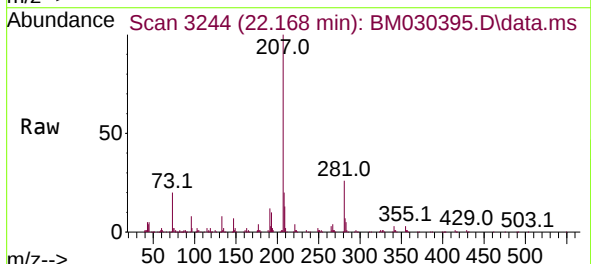
Instrument :
BNA_M
ClientSampleId :
18-B12(66-70)

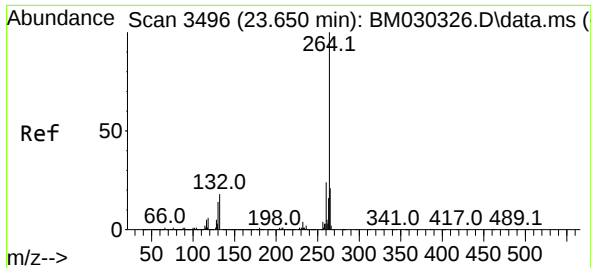
Tgt Ion:149 Resp: 2146
Ion Ratio Lower Upper
149 100
167 16.1 22.6 33.8#
279 12.0 3.8 5.8#



#85
Di-n-octyl phthalate
Concen: 4.17 ng
RT: 22.168 min Scan# 3244
Delta R.T. -0.000 min
Lab File: BM030395.D
Acq: 11 Jun 2021 07:24

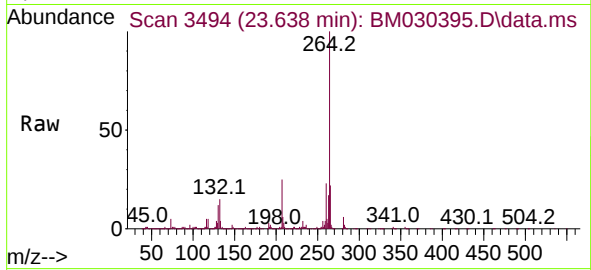
Tgt Ion:149 Resp: 835
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.638 min Scan# 3494
 Delta R.T. -0.012 min
 Lab File: BM030395.D
 Acq: 11 Jun 2021 07:24

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(66-70)



Tgt Ion:264 Resp: 1083243
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.8
 265 21.8 17.7 26.5

